INLAND EMPIRE NORTH LOGISTIC CENTER

PRELIMINARY HYDROLOGY REPORT

APN 0472-231-08

Prepared for:

FGFW IV LLC
150 N. Market Street
Wichita, KS 67206
(702) 330-1715

Prepared by:

David Evans and Associates
18484 Outer Highway 18 North, Suite 225
Apple Valley, CA 92307
Tel: (760) 524-9100
Attn: Bret Thorpe

Prepared Under the Supervision of:

Bret Thorpe, P.E. R.C.E. 82754

August 15, 2022
Job No: FGFW0000001

TUSTIN
17782 East 17th Street
Suite 200
Tustin, CA 92780
714.665.4500
Fax: 714.665.4501

SANTA CLARITA
25152 Springfield Court
Suite350
Santa Clarita, CA 91355-1096
661.284.7400
Fax 661.284.7401

TEMECULA
41951 Remington Avenue
Suite 130
Temecula, CA 92590-2553
951.294.9300
Fax: 951.294-9301

VICTORVILLE
18484 Outer Highway 18 North
Suite 225
Apple Valley, CA 92307
760.524.9100
Fax 760.524.9101

www.deainc.com

Dedicated Service
Since 1976

TABLE OF CONTENTS

Description **Page No.**

Section 1 - Introduction **3**

Section 2 - Hydrologic Analysis **5**

Section 3 - Proposed Drainage Design Description **8**

Section 4 - References **9**

APPENDICES

Hydrology Maps ..... **A**

Reference Documents ..... **B**

San Bernardino County Hydrology Manual Reference Material

NOAA 14 Point Precipitation Estimates
Hydrologic Soils Group Map
Figure C-3 Curve Numbers
AMC Map
Stormtech underground retention vault worksheets

Town of Apple Valley Reference Material
FEMA Flood Map-06071C 5810H

Rational Method ..... **C**

Onsite and offsite Predevelopment, 10 Year and 100 Year events
Onsite Developed, 10 Year and 100 Year events

Unit Hydrograph Analysis ..... **D**

10-year Storm Event Undeveloped, 24 hour
100-Year Storm Event Undeveloped, 24 hour
10-year Storm Event Developed, 24 hour
100-year Storm Event Developed, 24 hour

Basin Routing……..E

Detention Basin Table
Outlet Pipe Sizing—10 and 100 year storm event
Basin Routing—10 and 100 year storm events

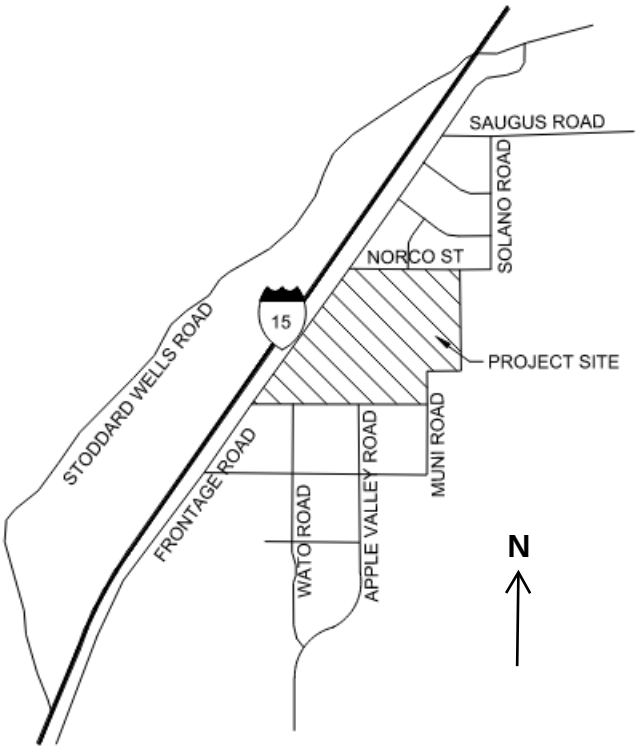
Section 1 - Introduction:

1.1. Location

The Project Owner is FGFW IV LLC 150 N. Market Street, Wichita, KS 67206 (702) 330-1715. Hydrology Study prepared by David Evans and Associates 18484 Outer Highway 18 North, Suite 225, Apple Valley, CA 92307 Phone No. (760) 524-9100.

The Project site is located within the Town of Apple Valley north of Falchion Road, South of Norco Road and east of the I-15 Freeway.
APN No. 0472-231-08
Latitude 34d 34m 32s, Longitude -117d 16m 1s.

Location map



VICINITY MAP

N.T.S.

1.2 Property Description:

1.2.1. Gross Land Acreage: 180.83 Acres, Net Land 171.56 Acres. A small portion (1.22 acre) of the property will not be developed and is designated as the remainder on the Tentative Parcel Map. Two large warehouse type building are proposed as shown on the Developed Hydrology Exhibit in Appendix A

1.2.2. The proposed Project site is vacant except for a portion that is currently used as a mining site for minerals such as lime used in the cement making business. The site slopes from east to west toward the I-15 Freeway at an approximate slope of 4% and consists of multiple flow paths, ridges, and sparse native desert plants. All the storm flows that pass through the Project site are conveyed under the I-15 Freeway in eight CMP culverts ranging in size from 2.5' in diameter to 42" in diameter. There also is one undercrossing that conveys the largest amount of existing storm flows due to that watershed being the largest area flowing through the Project site.

1.2.3. The Project consists of two large warehouse buildings. Building 1 covers approximately 34.37 acres and Building 2 covers approximately 24.95 acres and adjoining areas include loading docks, parking lots, drive aisles and landscaping. The site will be graded into two large pad areas for the buildings and storm water from the paved/roof areas of the site will be picked up in catch basins and conveyed to underground infiltration basin systems. Overflows will drain to a landscaped series of sumps and outflows into the existing CMP storm drain pipes under the freeway. The Project is a Regulated Project and will require a WQMP.

1.2.4 The offsite flows are proposed to be intercepted in streets and picked up in storm drain to be diverted around the buildings and outlet into a series of flow control sumps to be outlet into the culverts under the Freeway or outlet into its natural drainage course where offsite flows flow onto the site and off again as it does in the north east corner. Since Apple Valley Road on the east will not be constructed with this project, grading and sump inlets will pickup the offsite flows into storm drain for conveyance through the site.

1.2.5. The Project site lies northeast of the Mojave River and easterly of the Bell Mountain Wash westerly of the Freeway. The Project site flows west to the Bell Mountain Wash and The Bell Mountain Wash flows southerly to the Mojave river, Upper Narrows to Lower Narrows, approximately 1.5 miles south of the Project site. The site lies within an "D" Zone, "areas in which flood hazards are undetermined, but possible," as shown on the Flood Insurance Rate Map (FIRM) No. 06071C5810H, Map revised August 28, 2008. See copy of FEMA map in Appendix B, References.

1.2.6. The receiving Waters would be the Mojave River, southwest of the Project site.

Section 2 - Hydrologic Analysis:

2.1. Conditions, Resources and Methods

2.1.1. The existing Project site is vacant except for some mining operation as it south easterly side where land has been disturbed and there are some maintenance buildings.

The area east and south of the Project site slopes up, is mostly vacant, except, where the bulk of the mining/land disturbing operation at the tops of the hills above the Project site exists. This area drains through the Project site. The areas to the north drain onto and off the project site , before flowing under the Freeway.On the north side on the Project site is unimproved Norco Road.

The proposed development for the site consists of two large box warehouse buildings.

Soil classification is Hydrologic Soils Group (HSG) "A", (9.5%), HSG "C", (77%), HSG "D", (8.5%) and 5.2% undetermined. The undetermined area seems to fall where the mining operation is and will be considered HSG "D". The soil classification boundary limit is based on the Web Soil Survey from the USDA Natural Resources Conservation Service included in Appendix 'B' of this report.

NOAA 14 was used for the 10 year and 100-year rainfall estimates. The ten year, 24-hour is 2.13 inches. The 100 year, 24-hour is 3.42 inches. See Section 2.2. Table of Results for runoff coefficients and/or loss rate parameters, and time of concentration.

2.1.2. As stated above, the NOAA Atlas 14 was used for the rainfall values and Soils was based on the Web Soil Survey from the USDA Natural Resources Conservation Service. USGS Topography Maps and the San Bernardino County Hydrology Manual were also used to determine watershed conditions.

2.2. Table of Results

Unit Hydrograph Analysis

Unit Hydrograph

Area ID	TC (hour)	Qp10 (cfs)	Volume10 (Ac ft)	Qp100 (cfs)	Volume100 (Ac ft)
Area A	0.12	252.9	6.8491	553.8	32.1453
Developed					
Area A-D	0.184	299.2	25.6714*	542.47	45.0234*
Difference		**46.3**	**18.8223** (819,899 CF)**	**11.3**	**12.8691* (560,578 CF)**

* Tentative values for Developed for initial design consideration and to compare with Developed, 10year below. This initial value uses only HSG C, whereas the areas in the table below used HSG A, C, and D which are estimated off the USDA soils information for the site.

**10-year volume difference is larger than 100-year, therefore 10-year prevails as to volume mitigation.

Unit Hydrograph by Area

Developed, 10-year

Area ID	TC (hour)	Qp (cfs)	Qp (cfs) after basin routing	Volume (Ac ft)	Volume (CF)
Area A	0.22087	62.17	20.2	6.9477	302,642
Area B	0.2196	62.89	20.1	7.0372	306,540
Area C	0.208	49.79	13.2	5.6539	246,280
Area D	0.184	54.05	10.2	5.5083	239,942
Total		**228.9**	**67.7**	**25.1522**	**1,095,404**

Take difference in 10-year volume=819,899 cf divided by site acreage = 171.56 ac= 4,779.1 cf/acre.

Area	Acreage	Minimum Volume by acre (cf)
A	47.41	226,577
B	48.02	229,492
C	38.57	184,330
D	37.56	179,502
Total	**171.56**	**819,901 > 819,899 ok**

Developed, 100-year

Area ID	TC (hour)	Qp (cfs)	Qp (cfs) after basin routing	Volume (Ac ft)	Volume (CF)
Area A	0.22087	116.1	74.0	12.4288	514,399
Area B	0.2196	117.5	74.5	12.5890	548,377
Area C	0.208	93.1	64.6	10.1140	440,566
Area D	0.184	103.0	61.4	9.8543	429,253
Total		**429.7**	**274.5**	**44.9861**	**1,932,577**

Rational Method

Existing Condition

Offsite and on-site Q10 and Q100

Area ID	Area (ac)	Q10 (cfs)	Q100 (cfs)	TC10/TC100 (hour)	nodes
A1	3.14	3.55	9.69		101-102
A2	28.18	14.56	57.01		102-103
A3 (onsite)	6.21	0	3.83		103-104
		18.11	**70.61**	**25.63/21.81**	**confluence**
B1	9.96	12.78	33.42		201-202
B2	59.4	34.26	127.56		202-203
B3 (onsite)	20.04	0.825	23.15		203-204
		47.87	**184.11**	**22.97/19.37**	**confluence**
C1 (onsite)	3.94	3.92	9.95		301-302
C2 (onsite)	8.1	2.02	12.93		302-303
		5.94	**22.79**	**23.85/21.54**	**confluence**
D1	4.01	5.85	13.63		401-402
D2	6.0	5.0	14.88		402-403
D3 (onsite)	46.37	22.19	85.42		403-404
		33.04	113.92	23.72/20.34	**confluence**
E1	9.59	14.51	32.92		201-502
E2	15.73	22.85	52.76		502-503
E3 (onsite)	22.12	0	0		503-504
		37.37	**85.68**	**27.37/25.68**	**confluence**
F1	9.52	15.21	34.2		601-602
F2	30.65	34.94	89.35		602-603
F3	74.4	49.5	160.65		603-604
F4	39.61	16.09	68.1		604-605
F5 (onsite)	53.98	0	39.16		605-606
		115.74	**391.46**	**26.59/22.51**	**confluence**
G1	9.35	10.98	26.58		701-702
G2	13.34	9.93	29.58		702-703
G3 (onsite)	24.62	6.78	36.38		703-704
		27.69	**92.55**	**23.69/21.31**	**confluence**

Rational Method Developed

Parcel 1, Area A=47.41 acres (HSG=C)

Area ID	Q10 (cfs)	TC (Min)		Q100 (cfs)	TC (Min)
A1	12.2	10.643		22.05	10.64
A2	10.3	12.10		19.2	11.9
A2a	3.6	14.34		7.3	13.85
Confluence	**26.1**	**14.34**		**48.6**	**14.34**
A3	13.3	10.056		24	10.056
A4	11.09	11.52		20.7	11.32
A5	20.50	13.25		38.6	12.83
Confluence	**48.6**	**13.25**		**83.8**	**13.25**
Total	**70.35**	**13.25**		**130.8**	**13.25**

Rational Method Developed

Parcel 1, Area B=48.02 acres, (HSG=C)

Area ID	Q10 (cfs)	TC (Min)		Q100 (cfs)	TC (Min)
B1	12.9	9.61		23.3	9.961
B2	10.3	11.48		19.3	11.27
B3	13.1	10.116		24.9	12.75
Confluence	**36.4**			**67.57**	**13.18**
B4	13.6	10.116		24.6	10.116
B5	8.4	11.58		15.8	11.38
B6	4.4	12.79		8.5	12.43
B7	10.8	13.24		20.3	12.81
Confluence	**37.2**			**69.10**	**15.08**
Total	**72.2**	**13.178**		**134.3**	**13.178**

Rational Method Developed

Parcel 2, Area C=38.57 acres, (HSG use 60%A, 20%C and 20% D)

Area ID	Q10 (cfs)	TC (Min)		Q100 (cfs)	TC (Min)
C1	9.6	9.332		17.6	9.332
C2	7.6	10.65		14.4	10.46
C3	7.4	12.48		14.7	12.03
C4	4.4	12.48		10.3	12.03
Confluence	**29.0**	**12.48**		**57.1**	**12.48**
C5	13.6	9.612		25.1	9.612
C6	11.7	10.68		22.2	1.053
C7	3.1	13.05		6.9	12.55
Confluence	**28.4**	**13.05**		**54.2**	**13.65**
Total	**57.1**	**12.48**		**110.6**	**12.48**

Rational Method Developed

Parcel 2, Area D=37.56 acres, (HSG use 50%A, 30%C and 20% D)

Area ID	Q10 (cfs)	TC (Min)		Q100 (cfs)	TC (Min)
D1	9.2	8.431		16.7	8.431
D2	7.8	9.73		14.7	9.54
D3	2.6	12.34		5.6	11.8
Confluence	**19.6**	**12.34**		**37.0**	**12.34**
D4	13.0	8.394		23.6	8.394
D5	15.1	9.47		28.0	9.32
D6	15.3	11.04		29.4	10.65
Confluence	**43.4**	**11.04**		**80.95**	**11.04**
Total	**62.4**	**11.044**		**116.8**	**11.04**

Summary

The largest volume difference of predevelopment vs post development volume is the Q10, 24 hour, of 819,999 cubic feet as can been seen in the first Unit Hydrograph table above and that is the minimum retention required for this project The Town of Apple Valley requires not to exceed 90% of the pre-development volume, for the Q 100, 24 hour storm event, and 95% of the pre-developed volume in the Q10, 24-hour storm event, however, in this case, the Q10 post vs pre development volume is larger and will be the design volume mitigation used in this report.

The site will use four underground Stormtech infiltration systems to capture the DCV and mitigate Hydromodification caused by the development ranging in size from 230,364 cubic feet to 180,500 cubic feet for a total of 823,599 cubic feet of storage and infiltration. Basin routing, infiltration and storage also mitigate Qpeak to below its existing Qpeak as seen in unit hydrograph table alove, as well as, the time of concentration (TC). This will also comply with the proposed mitigation in the Project's WQMP.

2.3. Drainage Maps

See Appendix B for the pre and post drainage maps.

Section 3 Proposed Drainage Design Concept:

3.1. Town of Apple Valley Drainage management guidelines.
The City's guidelines are to analyze the 10 year and 100 year storm events for 1 hour (rational method) and 24-hour durations (unit hydrograph). Then demonstrate the project will not exceed 90% of the pre-development runoff for the 100-year storm event and 95% of the 10-year storm event.. See section 2.2 Table of Results, and the following summary.

3.2. Stormwater Storage Provisions
The Project site proposes to use 4 proprietary Stormtech underground infiltration/retention systems. The site proposes the following as to stormwater storage/retention.

Drainage Area	Required DCV* (CF)	Minimum detention/infiltration (CF)	Provided detention/infiltration system
DA-1 (A)	108,150	226,577	227,392
DA-2 (B)	109,133	229,492	230,364
DA-3 (C)	87,635	184,330	185,343
DA-4 (D)	85,336	179,502	180,500
Total	**390,254**	**819,901**	**823,599**

*Values from the WQMP report.

The total volume of retention and infiltration provided is 823,599 CF for the drainage areas, not including localized LID BMPS as can been seen in the Project's WQMP.

3.4 Drainage Structures

There will be onsite catch basins to collect the storm water and convey the storm flows to underground infiltration/and retention systems. Overflows will be conveyed to the proposed sump/flow distribution prior to discharging into the several CMP pipes under the Freeway.

Offsite flows are to be capture in streets and inlet structures and conveyed around the proposed buildings to the proposed sump/flow distribution areas fronting the site before discharging into the several CMP pipes under the freeway.

Section 4 - References:

Bonadiman Civil Design Software, Version 7.0 & 7.1 was used for the 10-year & 100-year Hydrological Analysis.

- 10-year AMC II Unit hydrograph Method (developed and undeveloped)
- 10-year AMC II Unit Hydrograph Method (developed and undeveloped)
- Soil Type A
- Mannings Values Used
- Existing Surface n=0.035
- Proposed Surface n=0.015
- Unit Hydrograph n=0.020
- Project is located in the Town of Apple Valley, CA

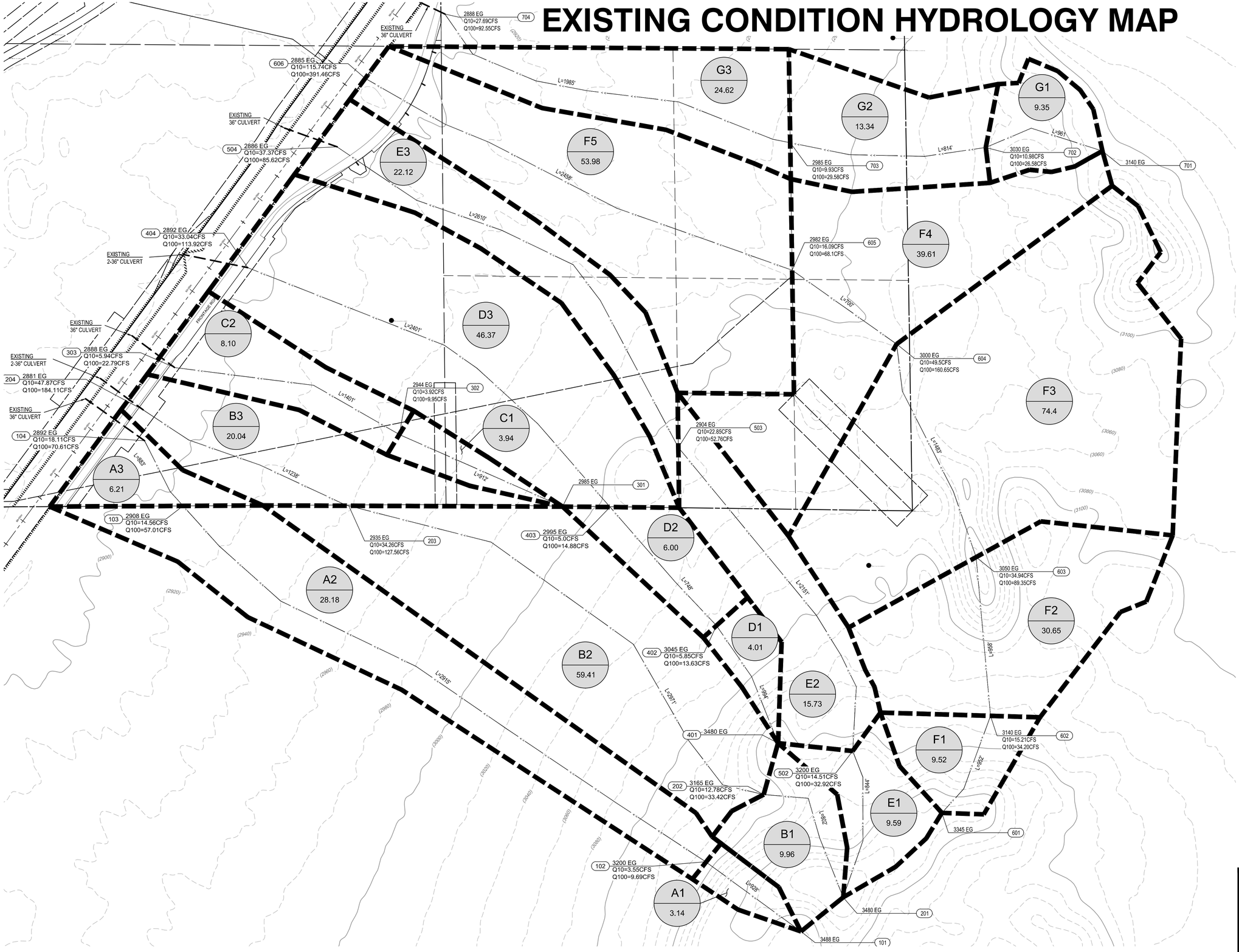
Drainage boundaries were derived using field topography, USGS Map for Apple Valley as shown on the hydrology map, provided in Appendix A of this report. See Appendix C for San Bernardino County Hydrology Manual and Town of Apple Valley technical references.

APPENDIX 'A'

- Hydrology Maps
  - Undeveloped Hydrology Map
  - Developed Hydrology Map

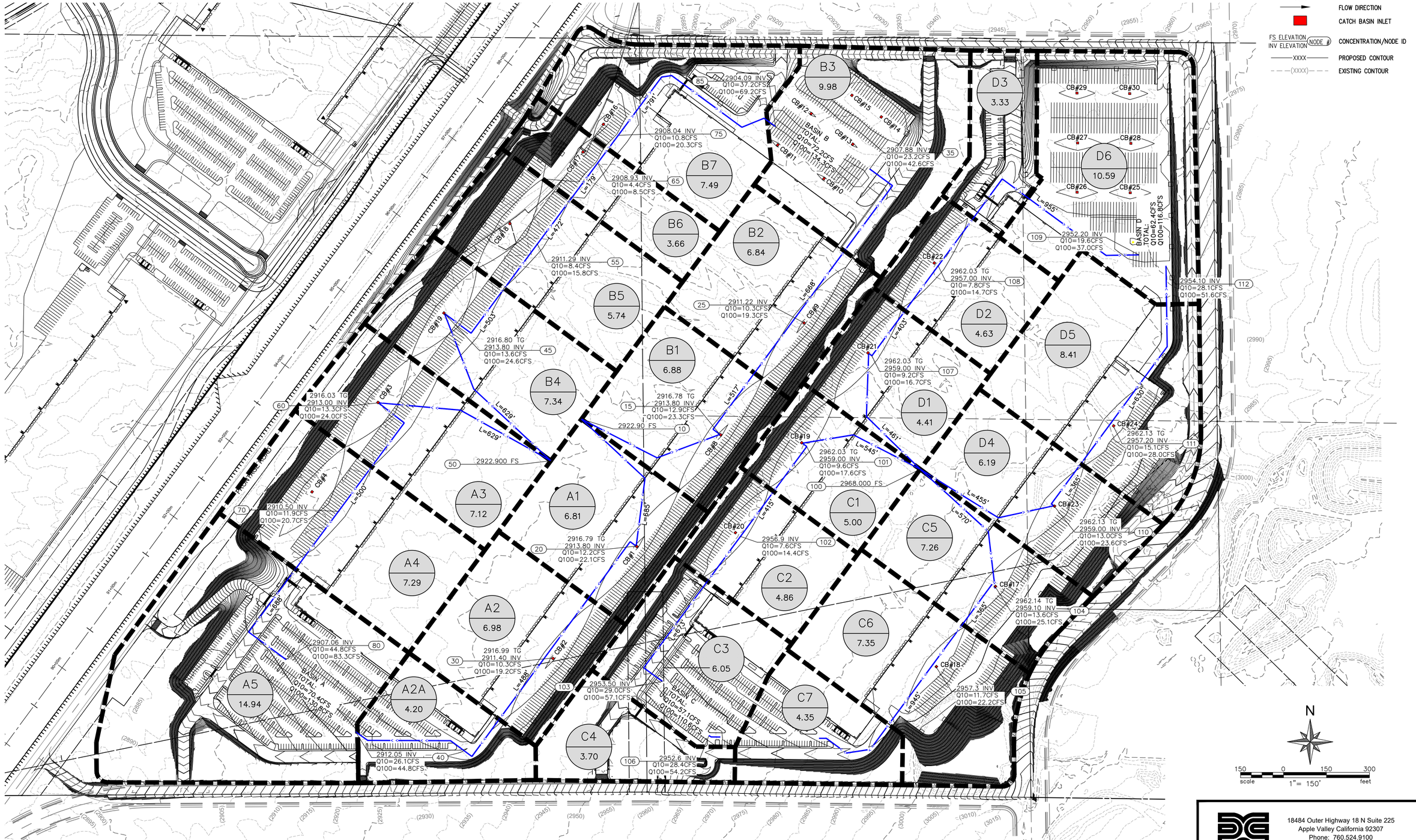
INLAND EMPIRE NORTH LOGISTICS CENTER

EXISTING CONDITION HYDROLOGY MAP



Drawing Name: P:\FSP\00000001\50DNHO\06706\Reports\Hydrology\CAD\DRAINAGE EXHIBIT-EXISTING CONDITION.dwg
Last Opened: Aug 11, 2022 - 11:57am By: Jfa

INLAND EMPIRE NORTH LOGISTICS CENTER
DEVELOPED CONDITION HYDROLOGY MAP



18484 Outer Highway 18 N Suite 225
Apple Valley California 92307
Phone: 760.524.9100
SSchubert@deainc.com
DAVID EVANS AND ASSOCIATES INC.

Drawing Name: P:\LVF\EIN00002001\DRAINAGE\Reports\Hydrology\CAD\DRAINAGE EXHIBIT-DEVELOPED CONDITION.dwg
Last Opened: Aug 10, 2022 - 2:28pm By: JTo

APPENDIX 'B'

Reference Documents

San Bernardino County Hydrology Manual Reference Material
- NOAA 14 Point Precipitation Estimates
- Hydrologic Soils Group Map
- Figure C-3Curve Numbers
- AMC Map
- Stormtech underground retention vault worksheet

Fema Firm Map 06071C5810H

NOAA Atlas 14, Volume 6, Version 2
Location name: Apple Valley, California, USA*
Latitude: 34.5758°, Longitude: -117.2656°
Elevation: 2953.66 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.093 (0.076-0.114)	0.128 (0.105-0.157)	0.178 (0.146-0.219)	0.221 (0.180-0.274)	0.284 (0.224-0.363)	0.335 (0.259-0.438)	0.391 (0.295-0.524)	0.451 (0.331-0.622)	0.539 (0.380-0.774)	0.612 (0.417-0.909)
10-min	0.133 (0.110-0.163)	0.184 (0.151-0.225)	0.255 (0.209-0.313)	0.316 (0.258-0.392)	0.406 (0.320-0.521)	0.480 (0.371-0.628)	0.560 (0.422-0.750)	0.647 (0.475-0.891)	0.773 (0.544-1.11)	0.878 (0.597-1.30)
15-min	0.161 (0.132-0.197)	0.222 (0.183-0.272)	0.308 (0.253-0.379)	0.383 (0.312-0.475)	0.491 (0.387-0.630)	0.581 (0.449-0.760)	0.677 (0.511-0.907)	0.783 (0.574-1.08)	0.935 (0.658-1.34)	1.06 (0.722-1.58)
30-min	0.215 (0.177-0.263)	0.297 (0.245-0.364)	0.412 (0.339-0.507)	0.512 (0.417-0.635)	0.658 (0.519-0.843)	0.778 (0.601-1.02)	0.907 (0.684-1.22)	1.05 (0.768-1.44)	1.25 (0.881-1.80)	1.42 (0.967-2.11)
60-min	0.256 (0.211-0.313)	0.353 (0.291-0.433)	0.490 (0.403-0.603)	0.609 (0.496-0.755)	0.782 (0.617-1.00)	0.925 (0.714-1.21)	1.08 (0.813-1.45)	1.25 (0.914-1.72)	1.49 (1.05-2.14)	1.69 (1.15-2.51)
2-hr	0.359 (0.296-0.440)	0.483 (0.398-0.593)	0.655 (0.538-0.805)	0.802 (0.653-0.994)	1.01 (0.799-1.30)	1.19 (0.915-1.55)	1.37 (1.03-1.83)	1.57 (1.15-2.15)	1.85 (1.30-2.65)	2.08 (1.41-3.08)
3-hr	0.430 (0.354-0.527)	0.573 (0.472-0.702)	0.769 (0.632-0.946)	0.936 (0.763-1.16)	1.18 (0.926-1.51)	1.37 (1.06-1.79)	1.57 (1.19-2.11)	1.79 (1.31-2.46)	2.10 (1.48-3.01)	2.35 (1.60-3.49)
6-hr	0.583 (0.480-0.714)	0.771 (0.635-0.946)	1.03 (0.844-1.26)	1.24 (1.01-1.54)	1.55 (1.22-1.98)	1.79 (1.38-2.34)	2.04 (1.54-2.74)	2.31 (1.69-3.18)	2.68 (1.89-3.85)	2.98 (2.03-4.43)
12-hr	0.747 (0.616-0.916)	0.997 (0.821-1.22)	1.33 (1.09-1.64)	1.61 (1.31-1.99)	1.99 (1.57-2.55)	2.29 (1.77-3.00)	2.60 (1.96-3.48)	2.92 (2.14-4.03)	3.37 (2.37-4.84)	3.72 (2.53-5.53)
24-hr	0.968 (0.858-1.11)	1.31 (1.16-1.51)	1.76 (1.55-2.03)	2.13 (1.86-2.48)	2.63 (2.23-3.17)	3.02 (2.51-3.72)	3.42 (2.77-4.31)	3.84 (3.02-4.97)	4.40 (3.33-5.94)	4.84 (3.54-6.77)
2-day	1.13 (1.00-1.30)	1.55 (1.37-1.79)	2.11 (1.86-2.44)	2.57 (2.25-2.99)	3.19 (2.71-3.84)	3.68 (3.05-4.52)	4.17 (3.38-5.26)	4.69 (3.69-6.07)	5.39 (4.07-7.28)	5.94 (4.34-8.30)
3-day	1.23 (1.09-1.42)	1.71 (1.51-1.96)	2.33 (2.06-2.70)	2.85 (2.50-3.32)	3.56 (3.02-4.28)	4.11 (3.41-5.05)	4.67 (3.78-5.88)	5.25 (4.14-6.80)	6.05 (4.57-8.17)	6.68 (4.88-9.33)
4-day	1.31 (1.16-1.50)	1.82 (1.61-2.09)	2.49 (2.20-2.87)	3.04 (2.66-3.54)	3.79 (3.22-4.57)	4.38 (3.63-5.38)	4.97 (4.03-6.26)	5.59 (4.40-7.24)	6.44 (4.86-8.69)	7.10 (5.18-9.91)
7-day	1.42 (1.26-1.63)	1.95 (1.73-2.25)	2.66 (2.35-3.07)	3.23 (2.83-3.76)	4.01 (3.40-4.83)	4.62 (3.83-5.68)	5.23 (4.24-6.59)	5.87 (4.63-7.60)	6.74 (5.09-9.09)	7.41 (5.41-10.4)
10-day	1.50 (1.33-1.72)	2.05 (1.82-2.36)	2.78 (2.46-3.21)	3.38 (2.96-3.93)	4.19 (3.55-5.04)	4.82 (4.00-5.92)	5.45 (4.42-6.87)	6.11 (4.81-7.91)	7.00 (5.29-9.45)	7.69 (5.62-10.7)
20-day	1.71 (1.51-1.96)	2.36 (2.09-2.71)	3.22 (2.84-3.72)	3.93 (3.44-4.57)	4.90 (4.15-5.90)	5.66 (4.69-6.95)	6.43 (5.21-8.10)	7.23 (5.69-9.36)	8.32 (6.29-11.2)	9.17 (6.69-12.8)
30-day	1.92 (1.70-2.21)	2.67 (2.37-3.08)	3.68 (3.25-4.25)	4.53 (3.97-5.27)	5.70 (4.84-6.87)	6.63 (5.50-8.15)	7.58 (6.14-9.55)	8.58 (6.76-11.1)	9.95 (7.52-13.4)	11.0 (8.06-15.4)
45-day	2.24 (1.99-2.58)	3.14 (2.78-3.62)	4.38 (3.87-5.06)	5.43 (4.76-6.33)	6.93 (5.88-8.35)	8.14 (6.75-10.0)	9.40 (7.62-11.8)	10.7 (8.46-13.9)	12.6 (9.54-17.0)	14.1 (10.3-19.7)
60-day	2.43 (2.16-2.80)	3.42 (3.03-3.94)	4.80 (4.24-5.55)	6.00 (5.26-6.99)	7.75 (6.57-9.32)	9.17 (7.61-11.3)	10.7 (8.67-13.5)	12.3 (9.72-16.0)	14.7 (11.1-19.8)	16.6 (12.1-23.2)

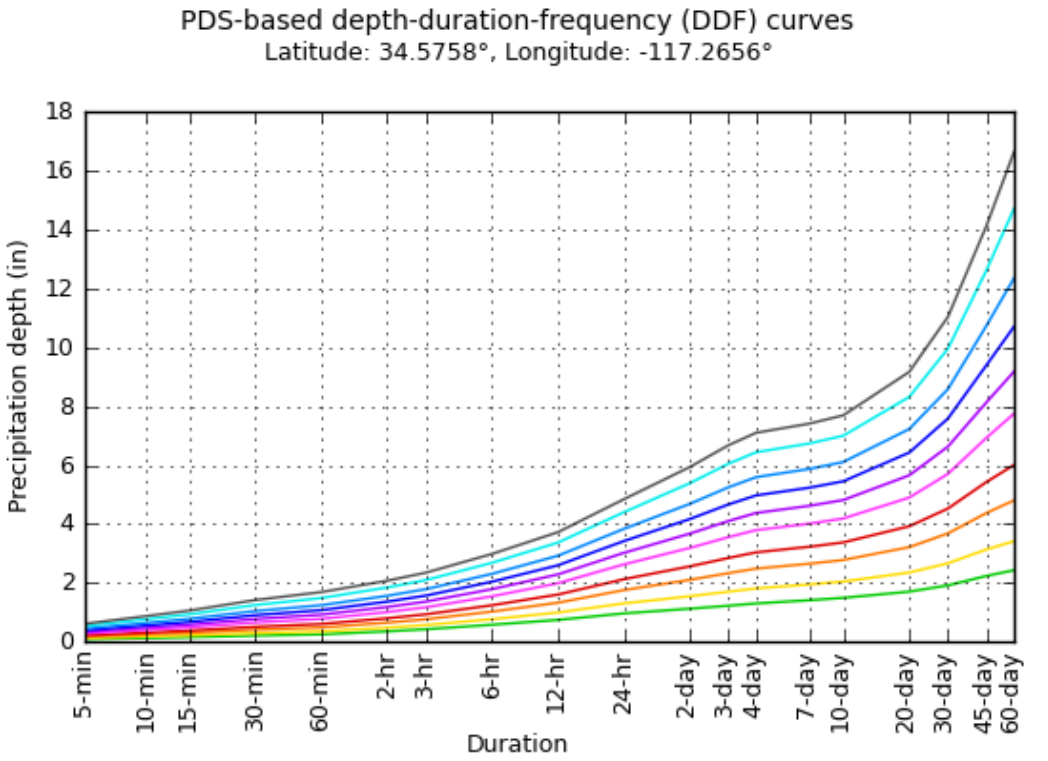
[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

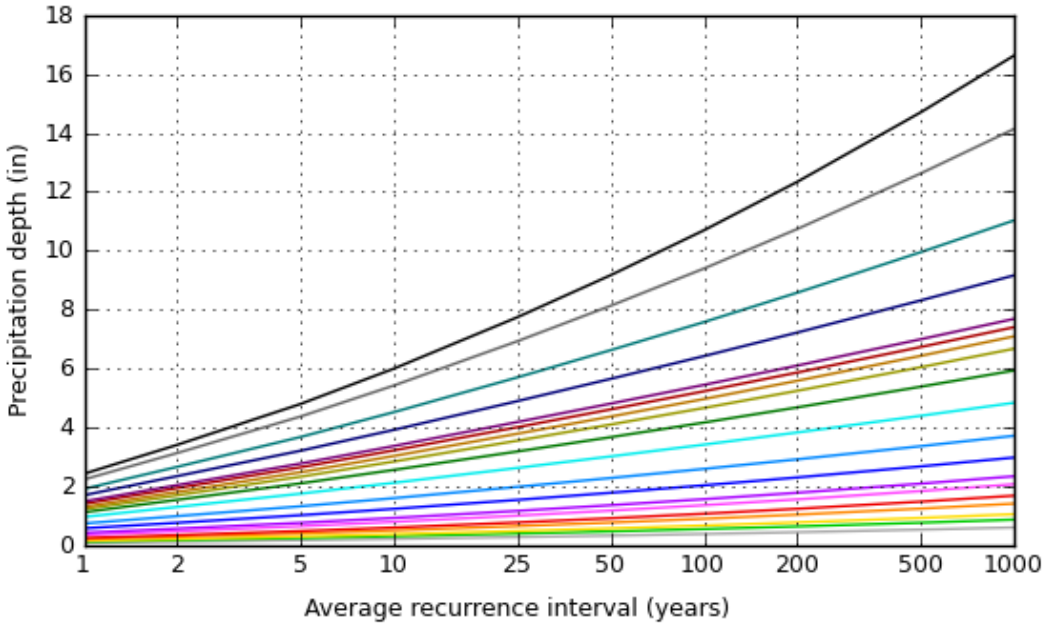
Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

Back to Top

PF graphical





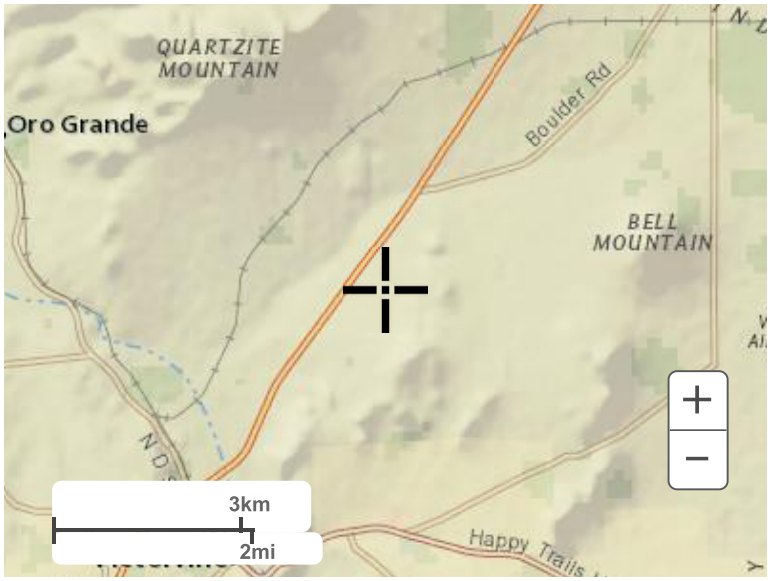
NOAA Atlas 14, Volume 6, Version 2

Created (GMT): Tue Jul 26 18:32:14 2022

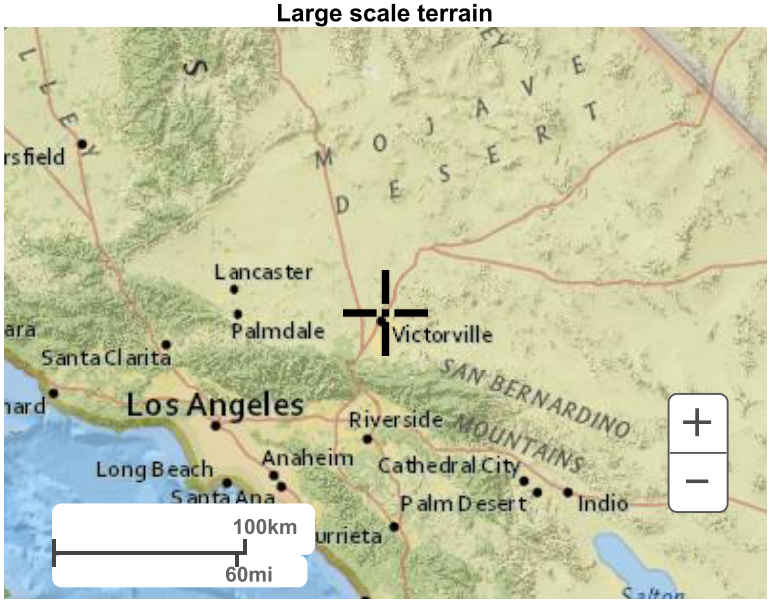
Back to Top

Maps & aerials

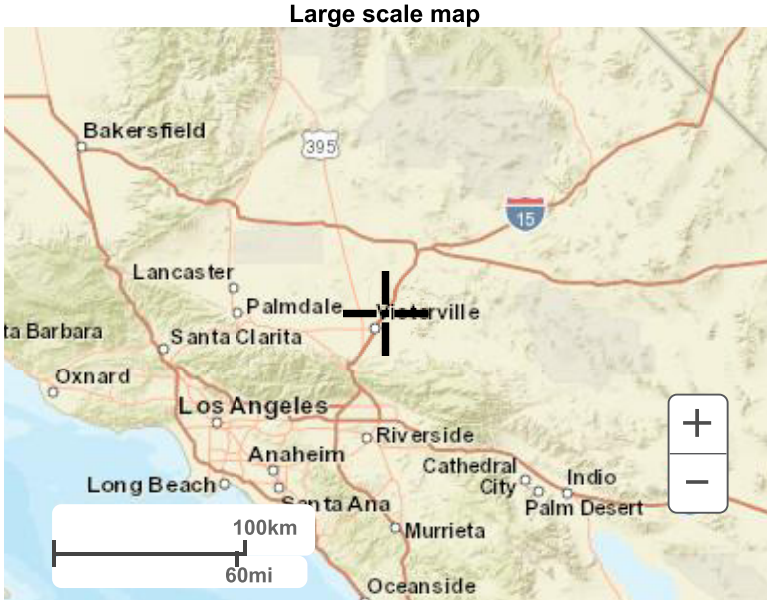
Small scale terrain



Large scale terrain



Large scale map



Large scale aerial

Back to Top

US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

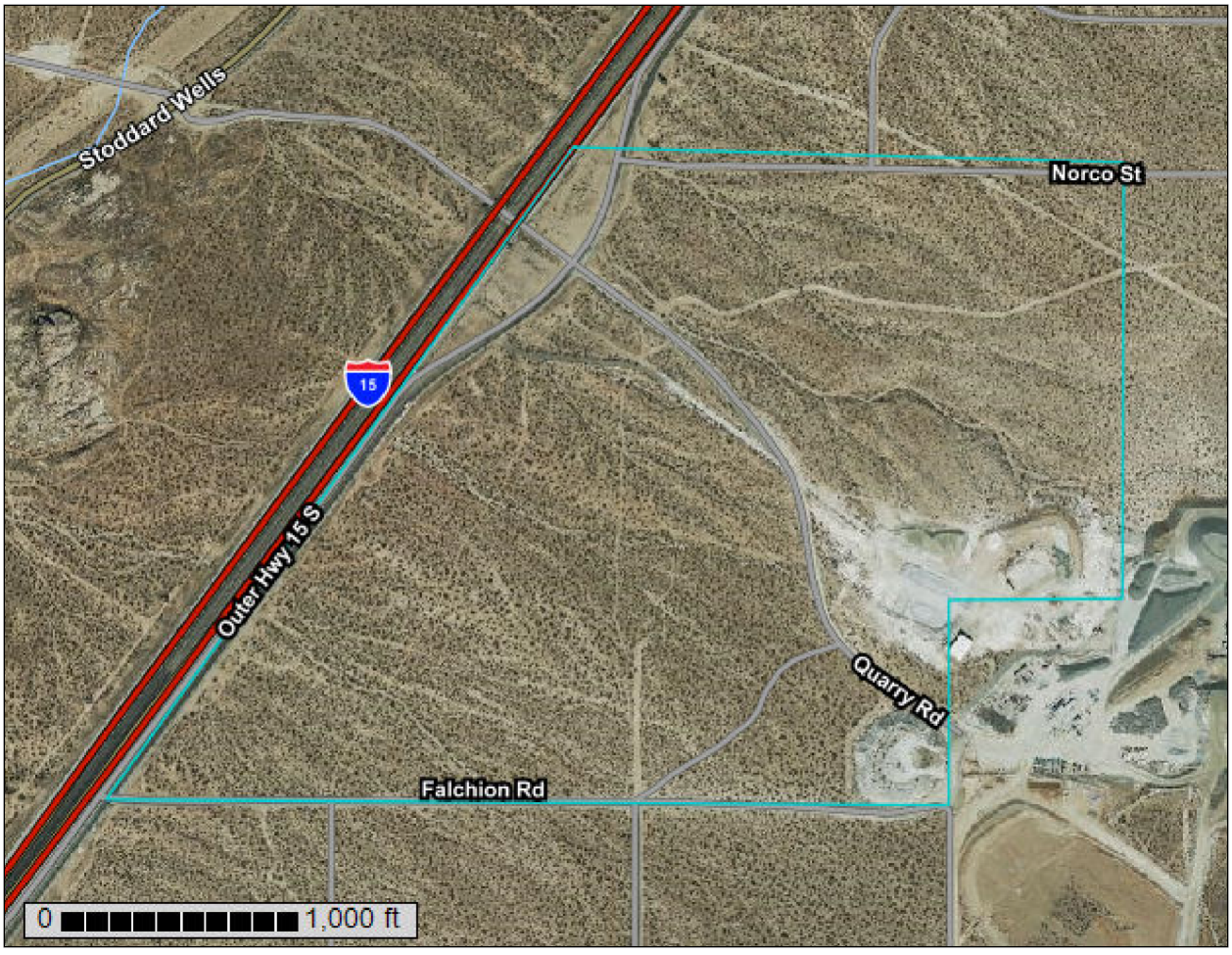
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for San Bernardino County, California, Mojave River Area



July 15, 2022

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

Preface.....2
How Soil Surveys Are Made.....5
Soil Map.....8
Soil Map (Carne commerce center).....9
Legend.....10
Map Unit Legend (Carne commerce center).....12
Map Unit Descriptions (Carne commerce center).....12
San Bernardino County, California, Mojave River Area.....14
118—CAJON-ARIZO COMPLEX, 2 TO 15 PERCENT SLOPES*.....14
149—MIRAGE-JOSHUA COMPLEX, 2 TO 5 PERCENT SLOPES*.....15
155—PITS.....17
165—TRIGGER-SPARKHULE-ROCK OUTCROP ASSOCIATION, STEEP*.....18
References.....21

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

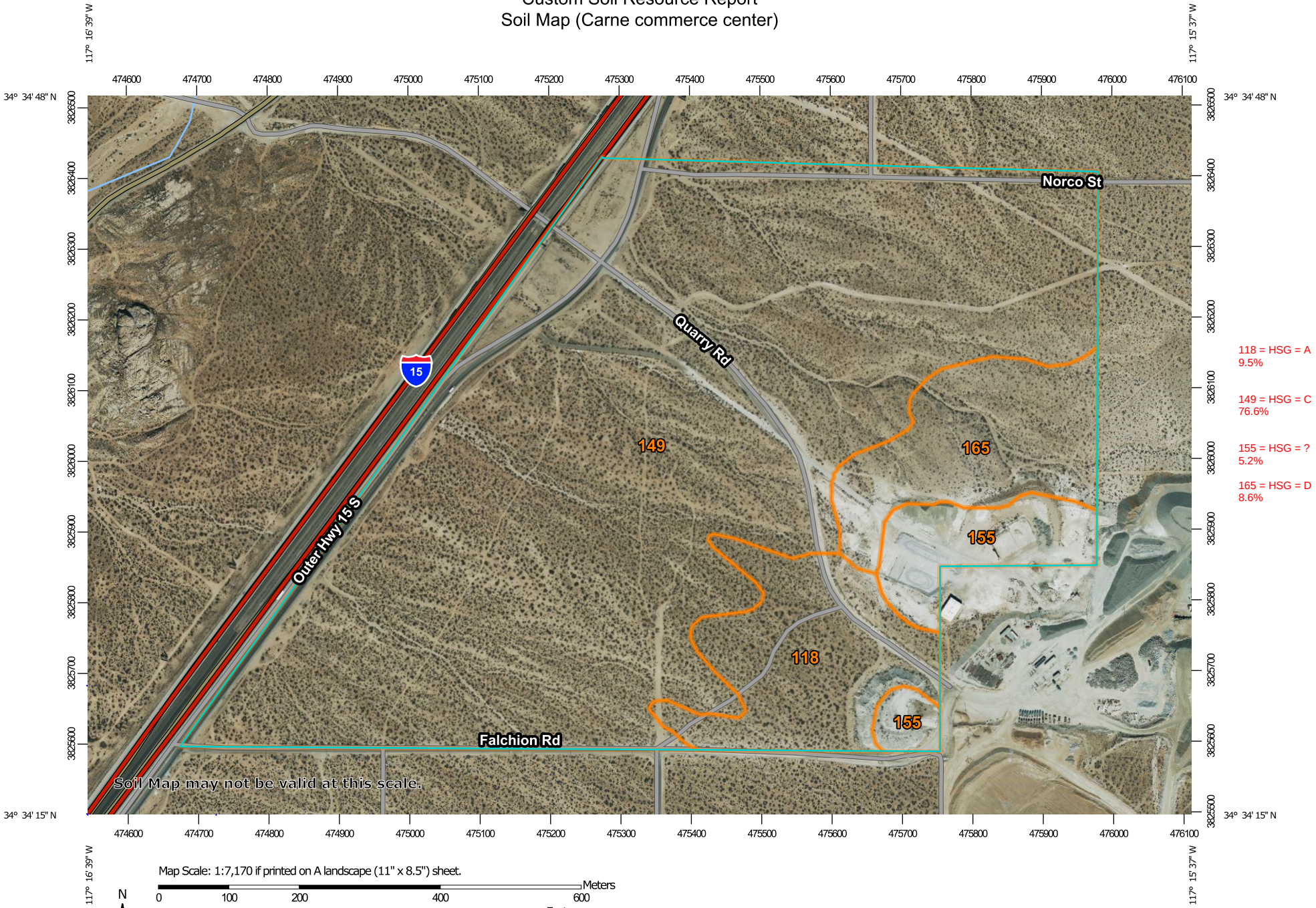
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map (Carne commerce center)



118 = HSG = A
9.5%

149 = HSG = C
76.6%

155 = HSG = ?
5.2%

165 = HSG = D
8.6%

Map Scale: 1:7,170 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 100 200 400 600

Feet
0 300 600 1200 1800

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Bernardino County, California, Mojave River Area
Survey Area Data: Version 13, Sep 13, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 27, 2021—May 24, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND	MAP INFORMATION
	imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend (Carne commerce center)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
118	CAJON-ARIZO COMPLEX, 2 TO 15 PERCENT SLOPES*	18.4	9.5%	HSG = A
149	MIRAGE-JOSHUA COMPLEX, 2 TO 5 PERCENT SLOPES*	147.5	76.6%	HSG = C
155	PITS	10.1	5.2%	HSG = ?
165	TRIGGER-SPARKHULE-ROCK OUTCROP ASSOCIATION, STEEP*	16.6	8.6%	HSG = D
Totals for Area of Interest		**192.5**	**100.0%**	

Map Unit Descriptions (Carne commerce center)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

San Bernardino County, California, Mojave River Area

118—CAJON-ARIZO COMPLEX, 2 TO 15 PERCENT SLOPES*

Map Unit Setting

National map unit symbol: hkrq
Elevation: 2,800 to 3,300 feet
Mean annual precipitation: 3 to 6 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 180 to 290 days
Farmland classification: Not prime farmland

Map Unit Composition

Cajon, gravelly surface, and similar soils: 55 percent
Arizo and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cajon, Gravelly Surface

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite sources

Typical profile

H1 - 0 to 6 inches: gravelly sand
H2 - 6 to 60 inches: gravelly sand

Properties and qualities

Slope: 2 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 1 percent
Available water supply, 0 to 60 inches: Very low (about 3.0 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R030XF028CA - COBBLY SANDY
Hydric soil rating: No

Description of Arizo

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite sources

Typical profile

H1 - 0 to 6 inches: gravelly loamy sand
H2 - 6 to 60 inches: extremely gravelly loamy coarse sand

Properties and qualities

Slope: 2 to 9 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: NoneOccasional
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: A
Ecological site: R030XF025CA - GRAVELLY COARSE LOAMY
Hydric soil rating: No

Minor Components

Helendale

Percent of map unit: 4 percent
Hydric soil rating: No

Bryman

Percent of map unit: 4 percent
Hydric soil rating: No

Joshua

Percent of map unit: 4 percent
Hydric soil rating: No

Cajon, clayey substratum

Percent of map unit: 3 percent

149—MIRAGE-JOSHUA COMPLEX, 2 TO 5 PERCENT SLOPES*

Map Unit Setting

National map unit symbol: hksq
Elevation: 2,600 to 3,400 feet

Mean annual precipitation: 3 to 5 inches
Mean annual air temperature: 63 to 66 degrees F
Frost-free period: 200 to 290 days
Farmland classification: Not prime farmland

Map Unit Composition

Mirage and similar soils: 50 percent
Joshua and similar soils: 30 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mirage

Setting

Landform: Fan remnants
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite sources

Typical profile

H1 - 0 to 5 inches: sandy loam
H2 - 5 to 21 inches: gravelly sandy clay loam
H3 - 21 to 39 inches: gravelly sandy loam
H4 - 39 to 60 inches: gravelly loamy sand

Properties and qualities

Slope: 2 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Strongly saline (16.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very low (about 2.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: C
Ecological site: R030XG024CA - DESERT PAVEMENT
Hydric soil rating: No

Description of Joshua

Setting

Landform: Fan remnants
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from mixed sources

Typical profile

H1 - 0 to 3 inches: loam
H2 - 3 to 20 inches: gravelly sandy clay loam
H3 - 20 to 55 inches: very gravelly loamy coarse sand

Properties and qualities

Slope: 2 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 3.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: C
Ecological site: R030XG024CA - DESERT PAVEMENT
Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 10 percent
Hydric soil rating: No

Nebona

Percent of map unit: 5 percent
Hydric soil rating: No

Cuddeback

Percent of map unit: 5 percent
Hydric soil rating: No

155—PITS

Map Unit Composition

Pits: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pits

Setting

Landform: Stream terraces, alluvial fans

Landform position (two-dimensional): Backslope, footslope
Landform position (three-dimensional): Mountainflank, side slope, tread
Down-slope shape: Linear
Across-slope shape: Linear

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: No

Minor Components

Arizo

Percent of map unit: 5 percent
Hydric soil rating: No

Cajon

Percent of map unit: 3 percent
Hydric soil rating: No

Yermo

Percent of map unit: 2 percent
Hydric soil rating: No

Riverwash

Percent of map unit: 2 percent
Landform: Channels
Hydric soil rating: Yes

Trigger

Percent of map unit: 1 percent
Hydric soil rating: No

Sparkhule

Percent of map unit: 1 percent
Hydric soil rating: No

Rock outcrop

Percent of map unit: 1 percent
Hydric soil rating: No

165—TRIGGER-SPARKHULE-ROCK OUTCROP ASSOCIATION, STEEP*

Map Unit Setting

National map unit symbol: hkt7
Elevation: 650 to 4,500 feet
Mean annual precipitation: 3 to 5 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 180 to 290 days
Farmland classification: Not prime farmland

Map Unit Composition

Trigger and similar soils: 40 percent
Sparkhule and similar soils: 30 percent

Rock outcrop: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Trigger

Setting

Landform: Hills
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from calcareous conglomerate

Typical profile

H1 - 0 to 12 inches: gravelly sandy loam
H2 - 12 to 22 inches: unweathered bedrock

Properties and qualities

Slope: 30 to 40 percent
Depth to restrictive feature: 10 to 18 inches to lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very low (about 1.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R030XF033CA - GRAVELLY LOAM
Hydric soil rating: No

Description of Sparkhule

Setting

Landform: Hills
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Colluvium derived from and/or residuum weathered from dacite

Typical profile

H1 - 0 to 2 inches: gravelly sandy loam
H2 - 2 to 18 inches: gravelly sandy clay loam
H3 - 18 to 28 inches: unweathered bedrock

Properties and qualities

Slope: 20 to 30 percent
Depth to restrictive feature: 14 to 20 inches to lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very low (about 2.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R030XF033CA - GRAVELLY LOAM
Hydric soil rating: No

Description of Rock Outcrop

Setting

Landform: Hills
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Concave

Typical profile

H1 - 0 to 60 inches: unweathered bedrock

Properties and qualities

Slope: 20 to 40 percent
Depth to restrictive feature: 0 inches to lithic bedrock
Available water supply, 0 to 60 inches: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: No

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Curve (1) Numbers of Hydrologic Soil-Cover Complexes For Pervious Areas-AMC II

Cover Type (3)	Quality of Cover (2)	Soil Group A	B	C	D
NATURAL COVERS -					
Barren (Rockland, eroded and graded land)		78	86	91	93
Chaparral, Broadleaf (Manzonita, ceanothus and scrub oak)	Poor	53	70	80	85
	Fair	40	63	75	81
	Good	31	57	71	78
Chaparral, Narrowleaf (Chamise and redshank)	Poor	71	82	88	91
	Fair	55	72	81	86
Grass, Annual or Perennial	Poor	67	78	86	89
	Fair	50	69	79	84
	Good	38	61	74	80
Meadows or Cienegas (Areas with seasonally high water table, principal vegetation is sod forming grass)	Poor	63	77	85	88
	Fair	51	70	80	84
	Good	30	58	71	78
Open Brush (Soft wood shrubs - buckwheat, sage, etc.)	Poor	62	76	84	88
	Fair	46	66	77	83
	Good	41	63	75	81
Woodland (Coniferous or broadleaf trees predominate. Canopy density is at least 50 percent.)	Poor	45	66	77	83
	Fair	36	60	73	79
	Good	25	55	70	77
Woodland, Grass (Coniferous or broadleaf trees with canopy density from 20 to 50 percent)	Poor	57	73	82	86
	Fair	44	65	77	82
	Good	33	58	72	79
URBAN COVERS -					
Residential or Commercial Landscaping (Lawn, shrubs, etc.)	Good	32	56	69	75
Turf (Irrigated and mowed grass)	Poor	58	74	83	87
	Fair	44	65	77	82
	Good	33	58	72	79
AGRICULTURAL COVERS -					
Fallow (Land plowed but not tilled or seeded)		77	86	91	94

SAN BERNARDINO COUNTY

HYDROLOGY MANUAL

CURVE NUMBERS FOR PERVIOUS AREAS

Figure C-3 (1 of 2)

Figure ADD-1
Antecedent Moisture Condition (AMC)

5-day Rainfall - NOAA Atlas 14
(50% of Total Rainfall Prior to Peak)*

*1/2 (11-day - 1-day) =
1/2 (([10-day] + (1/10 ([20-day] - [10-day]))) - [1-day])

5 0 5 10 15
Miles

N
W E
S

Growing Season
- AMC I
- AMC II
- AMC III

Site

Boron
Barstow
Ridgecrest
Searles Valley
Adelanto
George AFB
Victorville
Apple Valley
Mountain View Acres
Hesperia
Wrightwood
Crestline
Lake Arrowhead
Running Springs
Big Bear City
Big Bear Lake
Yucca Valley
Morongo Valley
Joshua Tree
Twentynine Palms
Needles
Parker Dam
Big River
Claremont
STATE HWY 395
STATE HWY 127
I-15
I-40
STATE HWY 247
STATE HWY 62

Basin A

User Inputs

Chamber Model:	MC-7200
Outlet Control Structure:	Yes
Project Name:	IENLC
Engineer:	N/A
Project Location:	California
Measurement Type:	Imperial
Required Storage Volume:	226051 cubic ft.
Stone Porosity:	40%
Stone Foundation Depth:	9 in.
Stone Above Chambers:	12 in.
Average Cover Over Chambers:	24 in.
Design Constraint Dimensions:	(200 ft. x 330 ft.)

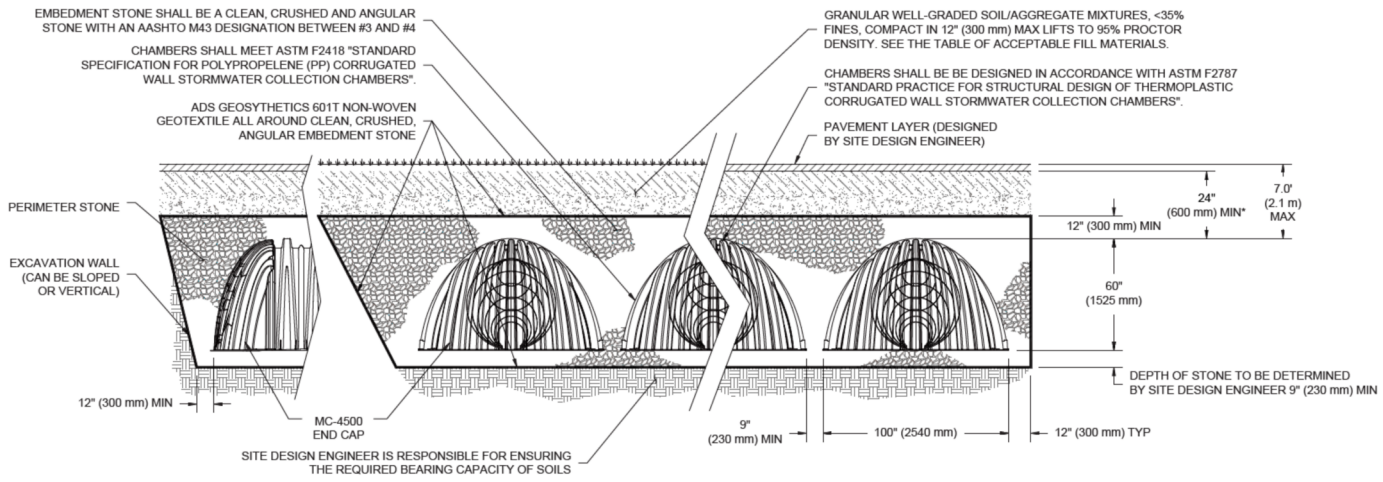
Results

System Volume and Bed Size

Installed Storage Volume:	227391.99 cubic ft.
Storage Volume Per Chamber:	175.90 cubic ft.
Number Of Chambers Required:	825
Number Of End Caps Required:	36
Chamber Rows:	18
Maximum Length:	315.17 ft.
Maximum Width:	165.35 ft.
Approx. Bed Size Required:	51654.92 square ft.

System Components

Amount Of Stone Required:	7486.34 cubic yards
Volume Of Excavation (Not Including Fill):	12913.73 cubic yards
Total Non-woven Geotextile Required:	14647.02 square yards
Woven Geotextile Required (excluding Isolator Row):	191.10 square yards
Woven Geotextile Required (Isolator Row):	720.26 square yards
Total Woven Geotextile Required:	911.36 square yards



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Basin B

User Inputs

Chamber Model:	MC-7200
Outlet Control Structure:	Yes
Project Name:	IENLC
Engineer:	N/A
Project Location:	California
Measurement Type:	Imperial
Required Storage Volume:	228960 cubic ft.
Stone Porosity:	40%
Stone Foundation Depth:	9 in.
Stone Above Chambers:	12 in.
Average Cover Over Chambers:	24 in.
Design Constraint Dimensions:	(200 ft. x 330 ft.)

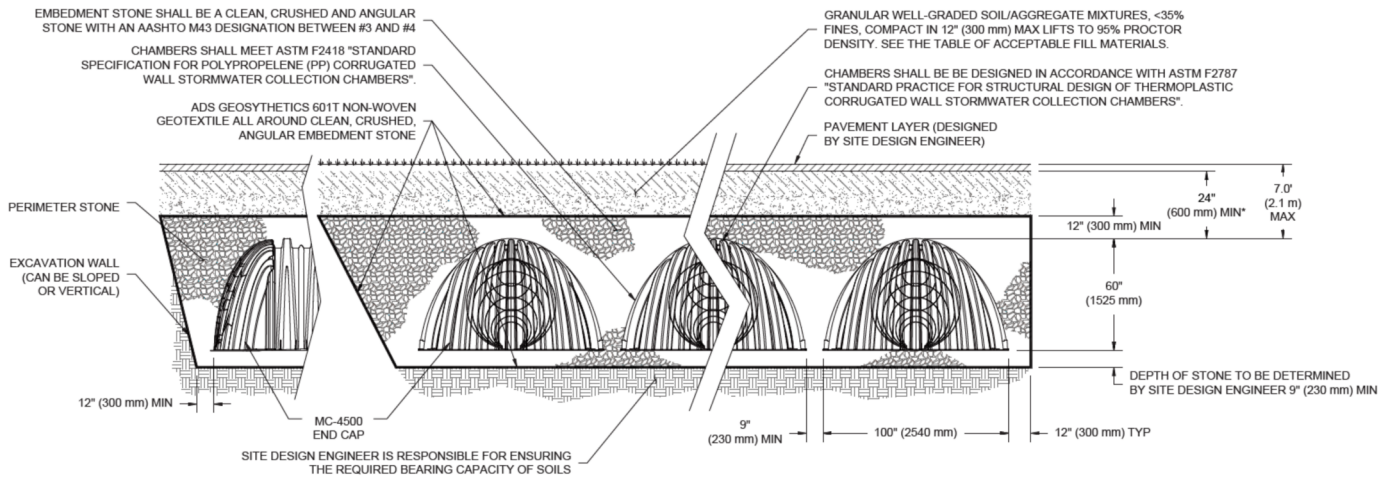
Results

System Volume and Bed Size

Installed Storage Volume:	230364.13 cubic ft.
Storage Volume Per Chamber:	175.90 cubic ft.
Number Of Chambers Required:	836
Number Of End Caps Required:	36
Chamber Rows:	18
Maximum Length:	321.76 ft.
Maximum Width:	165.35 ft.
Approx. Bed Size Required:	52325.74 square ft.

System Components

Amount Of Stone Required:	7582.38 cubic yards
Volume Of Excavation (Not Including Fill):	13081.43 cubic yards
Total Non-woven Geotextile Required:	14837.77 square yards
Woven Geotextile Required (excluding Isolator Row):	191.10 square yards
Woven Geotextile Required (Isolator Row):	735.64 square yards
Total Woven Geotextile Required:	926.74 square yards



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Basin C

User Inputs

Chamber Model:	MC-7200
Outlet Control Structure:	Yes
Project Name:	IENLC
Engineer:	N/A
Project Location:	California
Measurement Type:	Imperial
Required Storage Volume:	183902 cubic ft.
Stone Porosity:	40%
Stone Foundation Depth:	9 in.
Stone Above Chambers:	12 in.
Average Cover Over Chambers:	24 in.
Design Constraint Dimensions:	(250 ft. x 250 ft.)

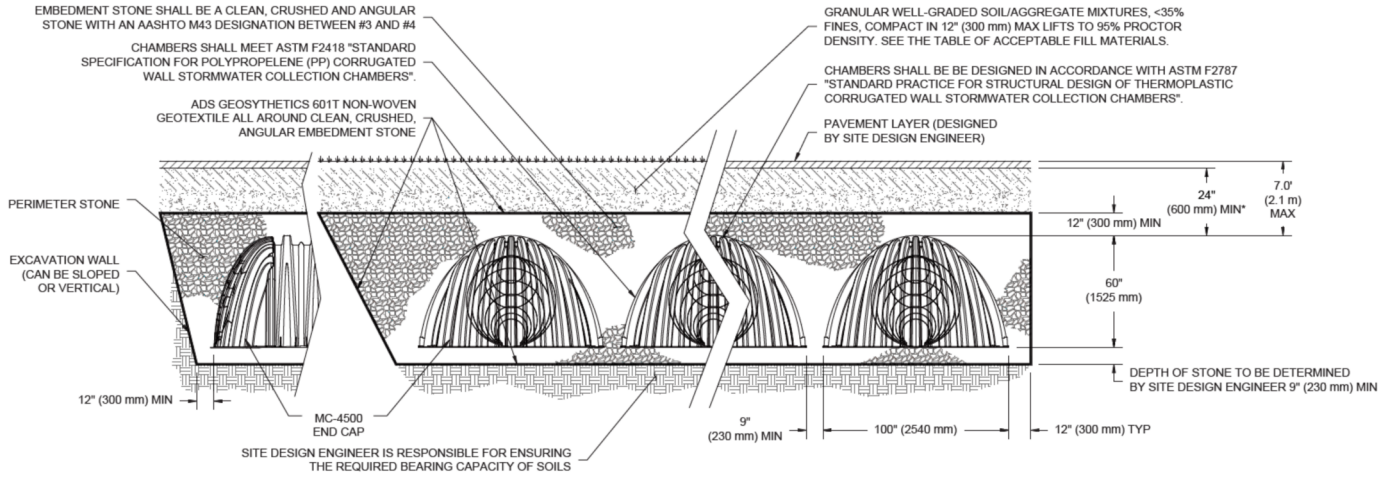
Results

System Volume and Bed Size

Installed Storage Volume:	185342.76 cubic ft.
Storage Volume Per Chamber:	175.90 cubic ft.
Number Of Chambers Required:	668
Number Of End Caps Required:	38
Chamber Rows:	19
Maximum Length:	249.25 ft.
Maximum Width:	174.43 ft.
Approx. Bed Size Required:	42200.53 square ft.

System Components

Amount Of Stone Required:	6142.64 cubic yards
Volume Of Excavation (Not Including Fill):	10550.13 cubic yards
Total Non-woven Geotextile Required:	12023.55 square yards
Woven Geotextile Required (excluding Isolator Row):	191.10 square yards
Woven Geotextile Required (Isolator Row):	566.46 square yards
Total Woven Geotextile Required:	757.56 square yards



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Basin D

User Inputs

Chamber Model:	MC-7200
Outlet Control Structure:	Yes
Project Name:	
Engineer:	N/A
Project Location:	
Measurement Type:	Imperial
Required Storage Volume:	179086 cubic ft.
Stone Porosity:	40%
Stone Foundation Depth:	9 in.
Stone Above Chambers:	12 in.
Average Cover Over Chambers:	24 in.
Design Constraint Dimensions:	(175 ft. x 243 ft.)

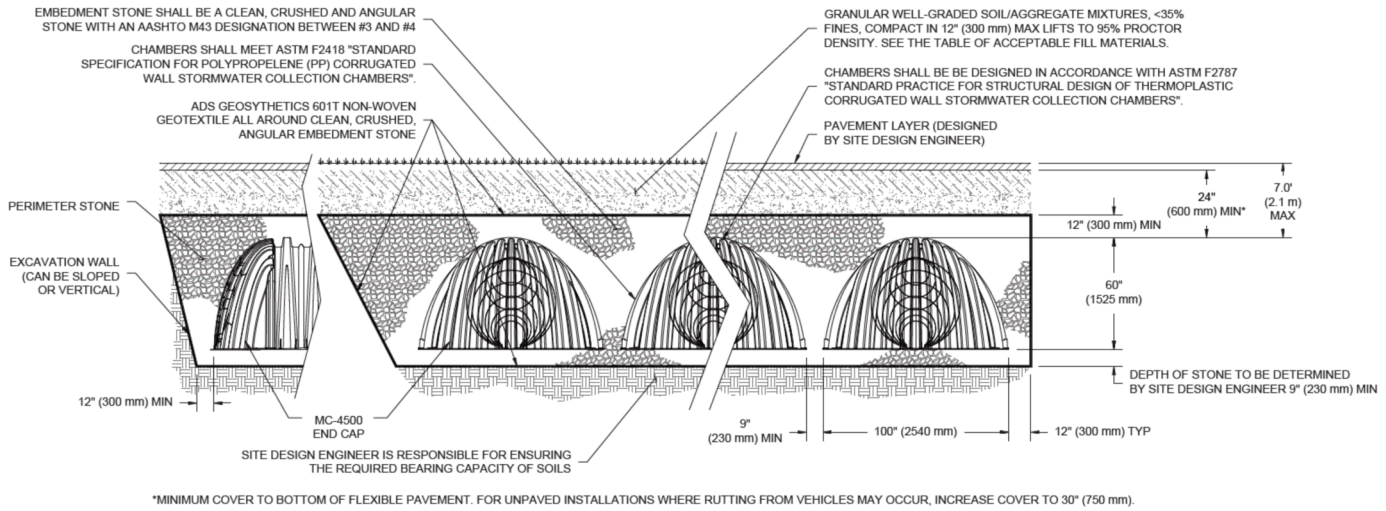
Results

System Volume and Bed Size

Installed Storage Volume:	180500.22 cubic ft.
Storage Volume Per Chamber:	175.90 cubic ft.
Number Of Chambers Required:	650
Number Of End Caps Required:	38
Chamber Rows:	19
Maximum Length:	242.66 ft.
Maximum Width:	174.43 ft.
Approx. Bed Size Required:	41110.60 square ft.

System Components

Amount Of Stone Required:	5988 cubic yards
Volume Of Excavation (Not Including Fill):	10278 cubic yards
Total Non-woven Geotextile Required:	11722 square yards
Woven Geotextile Required (excluding Isolator Row):	192 square yards
Woven Geotextile Required (Isolator Row):	552 square yards
Total Woven Geotextile Required:	743 square yards



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Appendix C

Rational Method Analysis

Onsite Predevelopment, 10 Year and 100 Year events
Onsite Developed, 10 Year and 100 Year events

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/13/22

IENLC
10-yr
Existing condition
Areas A-E

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.609 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 1

++

Process from Point/Station 101.000 to Point/Station 102.000
**** INITIAL AREA EVALUATION ****

UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 1.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 67.00
Adjusted SCS curve number for AMC 1 = 47.40
Pervious ratio(Ap) = 1.0000 Max loss rate(Fm)= 0.840(In/Hr)
Initial subarea data:
Initial area flow distance = 928.000(Ft.)
Top (of initial area) elevation = 3480.000(Ft.)
Bottom (of initial area) elevation = 3200.000(Ft.)
Difference in elevation = 280.000(Ft.)
Slope = 0.30172 s(%)= 30.17
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 10.263 min.
Rainfall intensity = 2.096(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.539

```
Subarea runoff =      3.550(CFS)
Total initial stream area =        3.140(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.840(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.378(Ft.), Average velocity =   4.420(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.20
        2             23.00              0.90
        3             36.00              0.00
        4             54.00              0.90
        5             80.00              1.20
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     10.873(CFS)
  '     '        flow top width =     13.018(Ft.)
  '     '    velocity=    4.420(Ft/s)
  '     '        area =      2.460(Sq.Ft)
  '     '        Froude number =     1.792

Upstream point elevation =  3200.000(Ft.)
Downstream point elevation =  2908.000(Ft.)
Flow length =  2915.000(Ft.)
Travel time  =   10.99 min.
Time of concentration =   21.25 min.
Depth of flow =   0.378(Ft.)
Average velocity =   4.420(Ft/s)
Total irregular channel flow =    10.873(CFS)
Irregular channel normal depth above invert elev. =   0.378(Ft.)
Average velocity of channel(s) =   4.420(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.200
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 82.20
Adjusted SCS curve number for AMC 1 = 66.08
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.592(In/Hr)
Rainfall intensity =      1.259(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
```

```
rational method)(Q=KCIA) is C = 0.459
Subarea runoff =     14.555(CFS) for   28.180(Ac.)
Total runoff =     18.105(CFS)
Effective area this stream =       31.32(Ac.)
Total Study Area (Main Stream No. 1) =       31.32(Ac.)
Area averaged Fm value =    0.617(In/Hr)
Depth of flow =   0.458(Ft.), Average velocity =   5.021(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.561(Ft.), Average velocity =   3.349(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.20
        2             23.00              0.90
        3             36.00              0.00
        4             54.00              0.90
        5             80.00              1.20
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     18.133(CFS)
  '     '        flow top width =     19.315(Ft.)
  '     '    velocity=    3.349(Ft/s)
  '     '        area =      5.415(Sq.Ft)
  '     '        Froude number =     1.114

Upstream point elevation =  2908.000(Ft.)
Downstream point elevation =  2878.000(Ft.)
Flow length =   883.000(Ft.)
Travel time  =    4.39 min.
Time of concentration =   25.65 min.
Depth of flow =   0.561(Ft.)
Average velocity =   3.349(Ft/s)
Total irregular channel flow =    18.133(CFS)
Irregular channel normal depth above invert elev. =   0.561(Ft.)
Average velocity of channel(s) =   3.349(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
```

```
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
The area added to the existing stream causes a
a lower flow rate of Q =     17.063(CFS)
therefore the upstream flow rate of Q =     18.105(CFS) is being used
Rainfall intensity =      1.104(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.412
Subarea runoff =      0.000(CFS) for    6.210(Ac.)
Total runoff =     18.105(CFS)
Effective area this stream =       37.53(Ac.)
Total Study Area (Main Stream No. 1) =       37.53(Ac.)
Area averaged Fm value =    0.599(In/Hr)
Depth of flow =   0.560(Ft.), Average velocity =   3.347(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     37.530(Ac.)
Runoff from this stream =     18.105(CFS)
Time of concentration =   25.65 min.
Rainfall intensity =     1.104(In/Hr)
Area averaged loss rate (Fm) =    0.5988(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      201.000 to Point/Station      202.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 1.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 67.00
Adjusted SCS curve number for AMC 1 = 47.40
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.840(In/Hr)
Initial subarea data:
Initial area flow distance =   802.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3165.000(Ft.)
Difference in elevation =   315.000(Ft.)
Slope =    0.39277  s(%)=      39.28
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.183 min.
Rainfall intensity =      2.266(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.566
```

```
Subarea runoff =     12.782(CFS)
Total initial stream area =        9.960(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.840(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      202.000 to Point/Station      203.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.593(Ft.), Average velocity =   5.244(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     29.943(CFS)
  '     '        flow top width =     19.265(Ft.)
  '     '    velocity=    5.244(Ft/s)
  '     '        area =      5.710(Sq.Ft)
  '     '        Froude number =     1.698

Upstream point elevation =  3165.000(Ft.)
Downstream point elevation =  2935.000(Ft.)
Flow length =  2971.000(Ft.)
Travel time  =    9.44 min.
Time of concentration =   18.63 min.
Depth of flow =   0.593(Ft.)
Average velocity =   5.244(Ft/s)
Total irregular channel flow =    29.943(CFS)
Irregular channel normal depth above invert elev. =   0.593(Ft.)
Average velocity of channel(s) =   5.244(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.200
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 82.20
Adjusted SCS curve number for AMC 1 = 66.08
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.592(In/Hr)
Rainfall intensity =      1.381(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.491
Subarea runoff =     34.260(CFS) for   59.410(Ac.)
```

```
Total runoff =     47.042(CFS)
Effective area this stream =       69.37(Ac.)
Total Study Area (Main Stream No. 1) =      106.90(Ac.)
Area averaged Fm value =    0.628(In/Hr)
Depth of flow =   0.702(Ft.), Average velocity =   5.871(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      203.000 to Point/Station      204.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.785(Ft.), Average velocity =   4.746(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     47.486(CFS)
  '     '        flow top width =     25.503(Ft.)
  '     '    velocity=    4.746(Ft/s)
  '     '        area =     10.006(Sq.Ft)
  '     '        Froude number =     1.335

Upstream point elevation =  2935.000(Ft.)
Downstream point elevation =  2881.000(Ft.)
Flow length =  1238.000(Ft.)
Travel time  =    4.35 min.
Time of concentration =   22.97 min.
Depth of flow =   0.785(Ft.)
Average velocity =   4.746(Ft/s)
Total irregular channel flow =    47.486(CFS)
Irregular channel normal depth above invert elev. =   0.785(Ft.)
Average velocity of channel(s) =   4.746(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.193(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.447
```

```
Subarea runoff =      0.825(CFS) for   20.440(Ac.)
Total runoff =     47.867(CFS)
Effective area this stream =       89.81(Ac.)
Total Study Area (Main Stream No. 1) =      127.34(Ac.)
Area averaged Fm value =    0.600(In/Hr)
Depth of flow =   0.787(Ft.), Average velocity =   4.755(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      203.000 to Point/Station      204.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     89.810(Ac.)
Runoff from this stream =     47.867(CFS)
Time of concentration =   22.97 min.
Rainfall intensity =     1.193(In/Hr)
Area averaged loss rate (Fm) =    0.6003(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      301.000 to Point/Station      302.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Initial subarea data:
Initial area flow distance =   912.000(Ft.)
Top (of initial area) elevation =  2985.000(Ft.)
Bottom (of initial area) elevation =  2944.000(Ft.)
Difference in elevation =    41.000(Ft.)
Slope =    0.04496  s(%)=       4.50
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.914 min.
Rainfall intensity =      1.614(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.617
Subarea runoff =      3.923(CFS)
Total initial stream area =        3.940(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.507(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
Process from Point/Station      302.000 to Point/Station      303.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
____________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.342(Ft.), Average velocity =   2.612(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             30.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =      4.969(CFS)
  '     '        flow top width =     11.119(Ft.)
  '     '    velocity=    2.612(Ft/s)
  '     '        area =      1.902(Sq.Ft)
  '     '        Froude number =     1.113

Upstream point elevation =  2944.000(Ft.)
Downstream point elevation =  2888.000(Ft.)
Flow length =  1401.000(Ft.)
Travel time  =    8.94 min.
Time of concentration =   23.85 min.
Depth of flow =   0.342(Ft.)
Average velocity =   2.612(Ft/s)
Total irregular channel flow =     4.969(CFS)
Irregular channel normal depth above invert elev. =   0.342(Ft.)
Average velocity of channel(s) =   2.612(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.400
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.600
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 78.40
Adjusted SCS curve number for AMC 1 = 61.08
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.665(In/Hr)
Rainfall intensity =      1.162(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.425
Subarea runoff =      2.020(CFS) for    8.100(Ac.)
Total runoff =      5.942(CFS)
Effective area this stream =       12.04(Ac.)
Total Study Area (Main Stream No. 1) =      139.38(Ac.)
Area averaged Fm value =    0.613(In/Hr)
Depth of flow =   0.366(Ft.), Average velocity =   2.732(Ft/s)
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      302.000 to Point/Station      303.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 3
Stream flow area =     12.040(Ac.)
Runoff from this stream =      5.942(CFS)
Time of concentration =   23.85 min.
Rainfall intensity =     1.162(In/Hr)
Area averaged loss rate (Fm) =    0.6132(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      401.000 to Point/Station      402.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.100
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.100
SCS curve number for soil(AMC 2)  = 84.40
Adjusted SCS curve number for AMC 1 = 69.16
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.545(In/Hr)
Initial subarea data:
Initial area flow distance =   994.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3045.000(Ft.)
Difference in elevation =   435.000(Ft.)
Slope =    0.43763  s(%)=      43.76
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.792 min.
Rainfall intensity =      2.166(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.673
Subarea runoff =      5.849(CFS)
Total initial stream area =        4.010(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.545(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      402.000 to Point/Station      403.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.378(Ft.), Average velocity =   3.610(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
```

```
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
-----------------------------------------------------------------
Sub-Channel flow  =      8.384(CFS)
  '     '        flow top width =     12.286(Ft.)
  '     '    velocity=    3.610(Ft/s)
  '     '        area =      2.322(Sq.Ft)
  '     '        Froude number =     1.463

Upstream point elevation =  3045.000(Ft.)
Downstream point elevation =  2995.000(Ft.)
Flow length =   748.000(Ft.)
Travel time  =    3.45 min.
Time of concentration =   13.25 min.
Depth of flow =   0.378(Ft.)
Average velocity =   3.610(Ft/s)
Total irregular channel flow =     8.384(CFS)
Irregular channel normal depth above invert elev. =   0.378(Ft.)
Average velocity of channel(s) =   3.610(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.100
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.900
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 84.10
Adjusted SCS curve number for AMC 1 = 68.74
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.552(In/Hr)
Rainfall intensity =      1.753(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.618
Subarea runoff =      4.998(CFS) for    6.000(Ac.)
Total runoff =     10.847(CFS)
Effective area this stream =       10.01(Ac.)
Total Study Area (Main Stream No. 1) =      149.39(Ac.)
Area averaged Fm value =    0.549(In/Hr)
Depth of flow =   0.416(Ft.), Average velocity =   3.850(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      403.000 to Point/Station      404.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
_________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.573(Ft.), Average velocity =   3.819(Ft/s)
        ******* Irregular Channel Data ***********
-----------------------------------------------------------------
```

```
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             35.00              0.00
        3             70.00              2.00
Manning's 'N' friction factor =   0.035
-----------------------------------------------------------------
Sub-Channel flow  =     21.975(CFS)
  '     '        flow top width =     20.069(Ft.)
  '     '    velocity=    3.819(Ft/s)
  '     '        area =      5.754(Sq.Ft)
  '     '        Froude number =     1.257

Upstream point elevation =  2995.000(Ft.)
Downstream point elevation =  2892.000(Ft.)
Flow length =  2401.000(Ft.)
Travel time  =   10.48 min.
Time of concentration =   23.72 min.
Depth of flow =   0.573(Ft.)
Average velocity =   3.819(Ft/s)
Total irregular channel flow =    21.975(CFS)
Irregular channel normal depth above invert elev. =   0.573(Ft.)
Average velocity of channel(s) =   3.819(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.166(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.503
Subarea runoff =     22.192(CFS) for   46.370(Ac.)
Total runoff =     33.040(CFS)
Effective area this stream =       56.38(Ac.)
Total Study Area (Main Stream No. 1) =      195.76(Ac.)
Area averaged Fm value =    0.515(In/Hr)
Depth of flow =   0.668(Ft.), Average velocity =   4.229(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      403.000 to Point/Station      404.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________
Along Main Stream number: 1 in normal stream number 4
Stream flow area =     56.380(Ac.)
Runoff from this stream =     33.040(CFS)
```

```
Time of concentration =   23.72 min.
Rainfall intensity =     1.166(In/Hr)
Area averaged loss rate (Fm) =    0.5149(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      201.000 to Point/Station      502.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.900
Decimal fraction soil group D = 0.100
SCS curve number for soil(AMC 2)  = 86.30
Adjusted SCS curve number for AMC 1 = 72.08
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.500(In/Hr)
Initial subarea data:
Initial area flow distance =   844.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3200.000(Ft.)
Difference in elevation =   280.000(Ft.)
Slope =    0.33175  s(%)=      33.18
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.695 min.
Rainfall intensity =      2.181(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.694
Subarea runoff =     14.514(CFS)
Total initial stream area =        9.590(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.500(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      502.000 to Point/Station      503.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.450(Ft.), Average velocity =   5.820(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             25.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     19.166(CFS)
```

```
  '     '        flow top width =     14.630(Ft.)
  '     '    velocity=    5.820(Ft/s)
  '     '        area =      3.293(Sq.Ft)
  '     '        Froude number =     2.162

Upstream point elevation =  3200.000(Ft.)
Downstream point elevation =  2904.000(Ft.)
Flow length =  2151.000(Ft.)
Travel time  =    6.16 min.
Time of concentration =   15.85 min.
Depth of flow =   0.450(Ft.)
Average velocity =   5.820(Ft/s)
Total irregular channel flow =    19.166(CFS)
Irregular channel normal depth above invert elev. =   0.450(Ft.)
Average velocity of channel(s) =   5.820(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.546(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.606
Subarea runoff =      9.219(CFS) for   15.730(Ac.)
Total runoff =     23.733(CFS)
Effective area this stream =       25.32(Ac.)
Total Study Area (Main Stream No. 1) =      221.08(Ac.)
Area averaged Fm value =    0.505(In/Hr)
Depth of flow =   0.488(Ft.), Average velocity =   6.139(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      503.000 to Point/Station      504.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.855(Ft.), Average velocity =   1.999(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
```

```
Sub-Channel flow  =     23.773(CFS)
  '     '        flow top width =     27.804(Ft.)
  '     '    velocity=    1.999(Ft/s)
  '     '        area =     11.893(Sq.Ft)
  '     '        Froude number =     0.539

Upstream point elevation =  2904.000(Ft.)
Downstream point elevation =  2886.000(Ft.)
Flow length =  2610.000(Ft.)
Travel time  =   21.76 min.
Time of concentration =   37.62 min.
Depth of flow =   0.855(Ft.)
Average velocity =   1.999(Ft/s)
Total irregular channel flow =    23.773(CFS)
Irregular channel normal depth above invert elev. =   0.855(Ft.)
Average velocity of channel(s) =   1.999(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
The area added to the existing stream causes a
a lower flow rate of Q =     14.453(CFS)
therefore the upstream flow rate of Q =     23.733(CFS) is being used
Rainfall intensity =      0.844(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.361
Subarea runoff =      0.000(CFS) for   22.120(Ac.)
Total runoff =     23.733(CFS)
Effective area this stream =       47.44(Ac.)
Total Study Area (Main Stream No. 1) =      243.20(Ac.)
Area averaged Fm value =    0.506(In/Hr)
Depth of flow =   0.855(Ft.), Average velocity =   1.998(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      503.000 to Point/Station      504.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 5
Stream flow area =     47.440(Ac.)
Runoff from this stream =     23.733(CFS)
Time of concentration =   37.62 min.
Rainfall intensity =     0.844(In/Hr)
Area averaged loss rate (Fm) =    0.5059(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000
```

Summary of stream data:

Stream No.	Flow rate (CFS)	Area (Ac.)	TC (min)	Fm (In/Hr)	Rainfall Intensity (In/Hr)
1	18.11	37.530	25.65	0.599	1.104
2	47.87	89.810	22.97	0.600	1.193
3	5.94	12.040	23.85	0.613	1.162
4	33.04	56.380	23.72	0.515	1.166
5	23.73	47.440	37.62	0.506	0.844

```
Qmax(1) =
           1.000 *    1.000 *    18.105) +
           0.851 *    1.000 *    47.867) +
           0.895 *    1.000 *     5.942) +
           0.905 *    1.000 *    33.040) +
           1.767 *    0.682 *    23.733) + =     122.621
Qmax(2) =
           1.175 *    0.896 *    18.105) +
           1.000 *    1.000 *    47.867) +
           1.056 *    0.963 *     5.942) +
           1.041 *    0.968 *    33.040) +
           2.028 *    0.611 *    23.733) + =     135.668
Qmax(3) =
           1.114 *    0.930 *    18.105) +
           0.948 *    1.000 *    47.867) +
           1.000 *    1.000 *     5.942) +
           0.993 *    1.000 *    33.040) +
           1.937 *    0.634 *    23.733) + =     132.029
Qmax(4) =
           1.123 *    0.925 *    18.105) +
           0.955 *    1.000 *    47.867) +
           1.008 *    0.995 *     5.942) +
           1.000 *    1.000 *    33.040) +
           1.950 *    0.631 *    23.733) + =     132.710
Qmax(5) =
           0.486 *    1.000 *    18.105) +
           0.412 *    1.000 *    47.867) +
           0.422 *    1.000 *     5.942) +
           0.506 *    1.000 *    33.040) +
           1.000 *    1.000 *    23.733) + =      71.493

Total of 5 streams to confluence:
Flow rates before confluence point:
      18.105      47.867       5.942      33.040      23.733
Maximum flow rates at confluence using above data:
      122.621      135.668      132.029      132.710       71.493
Area of streams before confluence:
       37.530       89.810       12.040       56.380       47.440
Effective area values after confluence:
```

```
      228.108      218.593      223.212      222.795      243.200
Results of confluence:
Total flow rate =    135.668(CFS)
Time of concentration =    22.974 min.
Effective stream area after confluence =    218.593(Ac.)
Study area average Pervious fraction(Ap) =  1.000
Study area average soil loss rate(Fm) =    0.563(In/Hr)
Study area total (this main stream) =     243.20(Ac.)
End of computations, Total Study Area =          243.20 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged SCS curve number =  83.3
```

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 07/26/22

IENLC
10-yr
Existing condition
Areas F and G

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.609 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 1

++

Process from Point/Station 601.000 to Point/Station 602.000
**** INITIAL AREA EVALUATION ****

UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000 Max loss rate(Fm)= 0.507(In/Hr)
Initial subarea data:
Initial area flow distance = 683.000(Ft.)
Top (of initial area) elevation = 3345.000(Ft.)
Bottom (of initial area) elevation = 3140.000(Ft.)
Difference in elevation = 205.000(Ft.)
Slope = 0.30015 s(%)= 30.01
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.088 min.
Rainfall intensity = 2.282(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.700

```
Subarea runoff =     15.208(CFS)
Total initial stream area =        9.520(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.507(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      602.000 to Point/Station      603.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.591(Ft.), Average velocity =   5.765(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             25.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     32.717(CFS)
  '     '        flow top width =     19.206(Ft.)
  '     '    velocity=    5.765(Ft/s)
  '     '        area =      5.675(Sq.Ft)
  '     '        Froude number =     1.869

Upstream point elevation =  3140.000(Ft.)
Downstream point elevation =  3050.000(Ft.)
Flow length =   958.000(Ft.)
Travel time  =    2.77 min.
Time of concentration =   11.86 min.
Depth of flow =   0.591(Ft.)
Average velocity =   5.765(Ft/s)
Total irregular channel flow =    32.717(CFS)
Irregular channel normal depth above invert elev. =   0.591(Ft.)
Average velocity of channel(s) =   5.765(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.895(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.659
Subarea runoff =     34.944(CFS) for   30.650(Ac.)
```

```
Total runoff =     50.152(CFS)
Effective area this stream =       40.17(Ac.)
Total Study Area (Main Stream No. 1) =       40.17(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   0.694(Ft.), Average velocity =   6.415(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      603.000 to Point/Station      604.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.977(Ft.), Average velocity =   4.830(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             35.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     74.935(CFS)
  '     '        flow top width =     31.757(Ft.)
  '     '    velocity=    4.830(Ft/s)
  '     '        area =     15.515(Sq.Ft)
  '     '        Froude number =     1.218

Upstream point elevation =  3050.000(Ft.)
Downstream point elevation =  3000.000(Ft.)
Flow length =  1483.000(Ft.)
Travel time  =    5.12 min.
Time of concentration =   16.97 min.
Depth of flow =   0.977(Ft.)
Average velocity =   4.830(Ft/s)
Total irregular channel flow =    74.935(CFS)
Irregular channel normal depth above invert elev. =   0.977(Ft.)
Average velocity of channel(s) =   4.830(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.474(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.590
```

```
Subarea runoff =     49.499(CFS) for   74.400(Ac.)
Total runoff =     99.651(CFS)
Effective area this stream =      114.57(Ac.)
Total Study Area (Main Stream No. 1) =      114.57(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   1.087(Ft.), Average velocity =   5.187(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      604.000 to Point/Station      605.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.178(Ft.), Average velocity =   4.777(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    107.736(CFS)
  '     '        flow top width =     38.286(Ft.)
  '     '    velocity=    4.777(Ft/s)
  '     '        area =     22.551(Sq.Ft)
  '     '        Froude number =     1.097

Upstream point elevation =  3000.000(Ft.)
Downstream point elevation =  2982.000(Ft.)
Flow length =   700.000(Ft.)
Travel time  =    2.44 min.
Time of concentration =   19.42 min.
Depth of flow =   1.178(Ft.)
Average velocity =   4.777(Ft/s)
Total irregular channel flow =   107.735(CFS)
Irregular channel normal depth above invert elev. =   1.178(Ft.)
Average velocity of channel(s) =   4.777(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.342(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
```

```
rational method)(Q=KCIA) is C = 0.560
Subarea runoff =     16.087(CFS) for   39.610(Ac.)
Total runoff =    115.738(CFS)
Effective area this stream =      154.18(Ac.)
Total Study Area (Main Stream No. 1) =      154.18(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   1.210(Ft.), Average velocity =   4.864(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      606.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.117(Ft.), Average velocity =   5.712(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             35.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    115.778(CFS)
  '     '        flow top width =     36.297(Ft.)
  '     '    velocity=    5.712(Ft/s)
  '     '        area =     20.269(Sq.Ft)
  '     '        Froude number =     1.347

Upstream point elevation =  2982.000(Ft.)
Downstream point elevation =  2885.000(Ft.)
Flow length =  2458.000(Ft.)
Travel time  =    7.17 min.
Time of concentration =   26.59 min.
Depth of flow =   1.117(Ft.)
Average velocity =   5.712(Ft/s)
Total irregular channel flow =   115.778(CFS)
Irregular channel normal depth above invert elev. =   1.117(Ft.)
Average velocity of channel(s) =   5.712(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
The area added to the existing stream causes a
```

```
a lower flow rate of Q =    106.619(CFS)
therefore the upstream flow rate of Q =    115.738(CFS) is being used
Rainfall intensity =      1.077(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.476
Subarea runoff =      0.000(CFS) for   53.980(Ac.)
Total runoff =    115.738(CFS)
Effective area this stream =      208.16(Ac.)
Total Study Area (Main Stream No. 1) =      208.16(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   1.117(Ft.), Average velocity =   5.712(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      606.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =    208.160(Ac.)
Runoff from this stream =    115.738(CFS)
Time of concentration =   26.59 min.
Rainfall intensity =     1.077(In/Hr)
Area averaged loss rate (Fm) =    0.5074(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      701.000 to Point/Station      702.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Initial subarea data:
Initial area flow distance =   961.000(Ft.)
Top (of initial area) elevation =  3140.000(Ft.)
Bottom (of initial area) elevation =  3030.000(Ft.)
Difference in elevation =   110.000(Ft.)
Slope =    0.11446  s(%)=      11.45
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.633 min.
Rainfall intensity =      1.812(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.648
Subarea runoff =     10.982(CFS)
Total initial stream area =        9.350(Ac.)
```

```
Pervious area fraction = 1.000
Initial area Fm value =    0.507(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      702.000 to Point/Station      703.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.499(Ft.), Average velocity =   3.950(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     15.976(CFS)
  '     '        flow top width =     16.214(Ft.)
  '     '    velocity=    3.950(Ft/s)
  '     '        area =      4.044(Sq.Ft)
  '     '        Froude number =     1.394

Upstream point elevation =  3030.000(Ft.)
Downstream point elevation =  2985.000(Ft.)
Flow length =   814.000(Ft.)
Travel time  =    3.43 min.
Time of concentration =   16.07 min.
Depth of flow =   0.499(Ft.)
Average velocity =   3.950(Ft/s)
Total irregular channel flow =    15.976(CFS)
Irregular channel normal depth above invert elev. =   0.499(Ft.)
Average velocity of channel(s) =   3.950(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.532(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.602
Subarea runoff =      9.934(CFS) for   13.340(Ac.)
Total runoff =     20.915(CFS)
Effective area this stream =       22.69(Ac.)
```

```
Total Study Area (Main Stream No. 1) =      230.85(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   0.552(Ft.), Average velocity =   4.225(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      703.000 to Point/Station      704.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.598(Ft.), Average velocity =   4.191(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     24.350(CFS)
  '     '        flow top width =     19.434(Ft.)
  '     '    velocity=    4.191(Ft/s)
  '     '        area =      5.810(Sq.Ft)
  '     '        Froude number =     1.351

Upstream point elevation =  2985.000(Ft.)
Downstream point elevation =  2888.000(Ft.)
Flow length =  1985.000(Ft.)
Travel time  =    7.89 min.
Time of concentration =   23.96 min.
Depth of flow =   0.598(Ft.)
Average velocity =   4.191(Ft/s)
Total irregular channel flow =    24.350(CFS)
Irregular channel normal depth above invert elev. =   0.598(Ft.)
Average velocity of channel(s) =   4.191(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 1 = 71.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.507(In/Hr)
Rainfall intensity =      1.158(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.506
Subarea runoff =      6.779(CFS) for   24.620(Ac.)
Total runoff =     27.694(CFS)
```

```
Effective area this stream =       47.31(Ac.)
Total Study Area (Main Stream No. 1) =      255.47(Ac.)
Area averaged Fm value =    0.507(In/Hr)
Depth of flow =   0.628(Ft.), Average velocity =   4.328(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      703.000 to Point/Station      704.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     47.310(Ac.)
Runoff from this stream =     27.694(CFS)
Time of concentration =   23.96 min.
Rainfall intensity =     1.158(In/Hr)
Area averaged loss rate (Fm) =    0.5074(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1    115.74   208.160     26.59    0.507      1.077
2     27.69    47.310     23.96    0.507      1.158
Qmax(1) =
           1.000 *    1.000 *   115.738) +
           0.875 *    1.000 *    27.694) + =     139.970
Qmax(2) =
           1.143 *    0.901 *   115.738) +
           1.000 *    1.000 *    27.694) + =     146.900

Total of 2 streams to confluence:
Flow rates before confluence point:
     115.738      27.694
Maximum flow rates at confluence using above data:
      139.970      146.900
Area of streams before confluence:
      208.160       47.310
Effective area values after confluence:
      255.470      234.906
Results of confluence:
Total flow rate =    146.900(CFS)
Time of concentration =    23.962 min.
Effective stream area after confluence =    234.906(Ac.)
Study area average Pervious fraction(Ap) =  1.000
Study area average soil loss rate(Fm) =    0.507(In/Hr)
Study area total (this main stream) =     255.47(Ac.)
End of computations, Total Study Area =          255.47 (Ac.)
The following figures may
```

be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged SCS curve number = 86.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/13/22

IENLC
100-year
Existing condition
Areas A-E

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 101.000 to Point/Station 102.000
**** INITIAL AREA EVALUATION ****

UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 1.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 67.00
Adjusted SCS curve number for AMC 3 = 84.60
Pervious ratio(Ap) = 1.0000 Max loss rate(Fm)= 0.290(In/Hr)
Initial subarea data:
Initial area flow distance = 928.000(Ft.)
Top (of initial area) elevation = 3480.000(Ft.)
Bottom (of initial area) elevation = 3200.000(Ft.)
Difference in elevation = 280.000(Ft.)
Slope = 0.30172 s(%)= 30.17
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 10.263 min.
Rainfall intensity = 3.717(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.830

```
Subarea runoff =      9.686(CFS)
Total initial stream area =        3.140(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.290(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.606(Ft.), Average velocity =   6.055(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.20
        2             23.00              0.90
        3             36.00              0.00
        4             54.00              0.90
        5             80.00              1.20
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     38.284(CFS)
  '     '        flow top width =     20.871(Ft.)
  '     '    velocity=    6.055(Ft/s)
  '     '        area =      6.323(Sq.Ft)
  '     '        Froude number =     1.938

Upstream point elevation =  3200.000(Ft.)
Downstream point elevation =  2908.000(Ft.)
Flow length =  2915.000(Ft.)
Travel time  =    8.02 min.
Time of concentration =   18.29 min.
Depth of flow =   0.606(Ft.)
Average velocity =   6.055(Ft/s)
Total irregular channel flow =    38.284(CFS)
Irregular channel normal depth above invert elev. =   0.606(Ft.)
Average velocity of channel(s) =   6.055(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.200
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 82.20
Adjusted SCS curve number for AMC 3 = 95.32
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.092(In/Hr)
Rainfall intensity =      2.481(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
```

```
rational method)(Q=KCIA) is C = 0.859
Subarea runoff =     57.099(CFS) for   28.180(Ac.)
Total runoff =     66.785(CFS)
Effective area this stream =       31.32(Ac.)
Total Study Area (Main Stream No. 1) =       31.32(Ac.)
Area averaged Fm value =    0.112(In/Hr)
Depth of flow =   0.747(Ft.), Average velocity =   6.958(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.969(Ft.), Average velocity =   4.173(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.20
        2             23.00              0.90
        3             36.00              0.00
        4             54.00              0.90
        5             80.00              1.20
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     68.729(CFS)
  '     '        flow top width =     42.234(Ft.)
  '     '    velocity=    4.173(Ft/s)
  '     '        area =     16.468(Sq.Ft)
  '     '        Froude number =     1.178

Upstream point elevation =  2908.000(Ft.)
Downstream point elevation =  2878.000(Ft.)
Flow length =   883.000(Ft.)
Travel time  =    3.53 min.
Time of concentration =   21.81 min.
Depth of flow =   0.969(Ft.)
Average velocity =   4.173(Ft/s)
Total irregular channel flow =    68.729(CFS)
Irregular channel normal depth above invert elev. =   0.969(Ft.)
Average velocity of channel(s) =   4.173(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
```

```
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.193(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.858
Subarea runoff =      3.826(CFS) for    6.210(Ac.)
Total runoff =     70.611(CFS)
Effective area this stream =       37.53(Ac.)
Total Study Area (Main Stream No. 1) =       37.53(Ac.)
Area averaged Fm value =    0.102(In/Hr)
Depth of flow =   0.984(Ft.), Average velocity =   4.125(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     37.530(Ac.)
Runoff from this stream =     70.611(CFS)
Time of concentration =   21.81 min.
Rainfall intensity =     2.193(In/Hr)
Area averaged loss rate (Fm) =    0.1024(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      201.000 to Point/Station      202.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 1.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 67.00
Adjusted SCS curve number for AMC 3 = 84.60
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.290(In/Hr)
Initial subarea data:
Initial area flow distance =   802.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3165.000(Ft.)
Difference in elevation =   315.000(Ft.)
Slope =    0.39277  s(%)=      39.28
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.183 min.
Rainfall intensity =      4.018(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.835
Subarea runoff =     33.419(CFS)
Total initial stream area =        9.960(Ac.)
Pervious area fraction = 1.000
```

```
Initial area Fm value =    0.290(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      202.000 to Point/Station      203.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.922(Ft.), Average velocity =   7.039(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     97.226(CFS)
  '     '        flow top width =     29.962(Ft.)
  '     '    velocity=    7.039(Ft/s)
  '     '        area =     13.812(Sq.Ft)
  '     '        Froude number =     1.827

Upstream point elevation =  3165.000(Ft.)
Downstream point elevation =  2935.000(Ft.)
Flow length =  2971.000(Ft.)
Travel time  =    7.03 min.
Time of concentration =   16.22 min.
Depth of flow =   0.922(Ft.)
Average velocity =   7.039(Ft/s)
Total irregular channel flow =    97.226(CFS)
Irregular channel normal depth above invert elev. =   0.922(Ft.)
Average velocity of channel(s) =   7.039(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.200
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 82.20
Adjusted SCS curve number for AMC 3 = 95.32
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.092(In/Hr)
Rainfall intensity =      2.699(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.860
Subarea runoff =    127.549(CFS) for   59.410(Ac.)
Total runoff =    160.969(CFS)
Effective area this stream =       69.37(Ac.)
Total Study Area (Main Stream No. 1) =      106.90(Ac.)
```

```
Area averaged Fm value =    0.120(In/Hr)
Depth of flow =   1.114(Ft.), Average velocity =   7.985(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      203.000 to Point/Station      204.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.273(Ft.), Average velocity =   6.552(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    172.569(CFS)
  '     '        flow top width =     41.375(Ft.)
  '     '    velocity=    6.552(Ft/s)
  '     '        area =     26.336(Sq.Ft)
  '     '        Froude number =     1.447

Upstream point elevation =  2935.000(Ft.)
Downstream point elevation =  2881.000(Ft.)
Flow length =  1238.000(Ft.)
Travel time  =    3.15 min.
Time of concentration =   19.37 min.
Depth of flow =   1.273(Ft.)
Average velocity =   6.552(Ft/s)
Total irregular channel flow =   172.568(CFS)
Irregular channel normal depth above invert elev. =   1.273(Ft.)
Average velocity of channel(s) =   6.552(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.383(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.860
Subarea runoff =     23.145(CFS) for   20.440(Ac.)
Total runoff =    184.114(CFS)
Effective area this stream =       89.81(Ac.)
```

```
Total Study Area (Main Stream No. 1) =      127.34(Ac.)
Area averaged Fm value =    0.106(In/Hr)
Depth of flow =   1.304(Ft.), Average velocity =   6.659(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      203.000 to Point/Station      204.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     89.810(Ac.)
Runoff from this stream =    184.114(CFS)
Time of concentration =   19.37 min.
Rainfall intensity =     2.383(In/Hr)
Area averaged loss rate (Fm) =    0.1056(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      301.000 to Point/Station      302.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Initial subarea data:
Initial area flow distance =   912.000(Ft.)
Top (of initial area) elevation =  2985.000(Ft.)
Bottom (of initial area) elevation =  2944.000(Ft.)
Difference in elevation =    41.000(Ft.)
Slope =    0.04496  s(%)=       4.50
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.914 min.
Rainfall intensity =      2.862(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.883
Subarea runoff =      9.951(CFS)
Total initial stream area =        3.940(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      302.000 to Point/Station      303.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
```

```
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.535(Ft.), Average velocity =   3.521(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             30.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     16.405(CFS)
  '     '        flow top width =     17.402(Ft.)
  '     '    velocity=    3.521(Ft/s)
  '     '        area =      4.659(Sq.Ft)
  '     '        Froude number =     1.199

Upstream point elevation =  2944.000(Ft.)
Downstream point elevation =  2888.000(Ft.)
Flow length =  1401.000(Ft.)
Travel time  =    6.63 min.
Time of concentration =   21.54 min.
Depth of flow =   0.535(Ft.)
Average velocity =   3.521(Ft/s)
Total irregular channel flow =    16.405(CFS)
Irregular channel normal depth above invert elev. =   0.535(Ft.)
Average velocity of channel(s) =   3.521(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.400
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.600
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 78.40
Adjusted SCS curve number for AMC 3 = 93.04
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.135(In/Hr)
Rainfall intensity =      2.212(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.856
Subarea runoff =     12.834(CFS) for    8.100(Ac.)
Total runoff =     22.785(CFS)
Effective area this stream =       12.04(Ac.)
Total Study Area (Main Stream No. 1) =      139.38(Ac.)
Area averaged Fm value =    0.109(In/Hr)
Depth of flow =   0.606(Ft.), Average velocity =   3.823(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      302.000 to Point/Station      303.000
**** CONFLUENCE OF MINOR STREAMS ****
```

```
Along Main Stream number: 1 in normal stream number 3
Stream flow area =     12.040(Ac.)
Runoff from this stream =     22.785(CFS)
Time of concentration =   21.54 min.
Rainfall intensity =     2.212(In/Hr)
Area averaged loss rate (Fm) =    0.1093(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      401.000 to Point/Station      402.000
**** INITIAL AREA EVALUATION ****
------------------------------------------------------------------------
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.100
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.800
Decimal fraction soil group D = 0.100
SCS curve number for soil(AMC 2)  = 84.40
Adjusted SCS curve number for AMC 3 = 96.64
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.066(In/Hr)
Initial subarea data:
Initial area flow distance =   994.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3045.000(Ft.)
Difference in elevation =   435.000(Ft.)
Slope =    0.43763  s(%)=      43.76
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.792 min.
Rainfall intensity =      3.842(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.884
Subarea runoff =     13.625(CFS)
Total initial stream area =        4.010(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.066(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      402.000 to Point/Station      403.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
------------------------------------------------------------------------
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.534(Ft.), Average velocity =   4.548(Ft/s)
        ******* Irregular Channel Data ***********
-----------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
```

```
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
-----------------------------------------------------------------
Sub-Channel flow  =     21.112(CFS)
  '     '        flow top width =     17.370(Ft.)
  '     '    velocity=    4.548(Ft/s)
  '     '        area =      4.642(Sq.Ft)
  '     '        Froude number =     1.550

Upstream point elevation =  3045.000(Ft.)
Downstream point elevation =  2995.000(Ft.)
Flow length =   748.000(Ft.)
Travel time  =    2.74 min.
Time of concentration =   12.53 min.
Depth of flow =   0.534(Ft.)
Average velocity =   4.548(Ft/s)
Total irregular channel flow =    21.112(CFS)
Irregular channel normal depth above invert elev. =   0.534(Ft.)
Average velocity of channel(s) =   4.548(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.100
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.900
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 84.10
Adjusted SCS curve number for AMC 3 = 96.46
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.070(In/Hr)
Rainfall intensity =      3.232(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.881
Subarea runoff =     14.876(CFS) for    6.000(Ac.)
Total runoff =     28.501(CFS)
Effective area this stream =       10.01(Ac.)
Total Study Area (Main Stream No. 1) =      149.39(Ac.)
Area averaged Fm value =    0.068(In/Hr)
Depth of flow =   0.598(Ft.), Average velocity =   4.902(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      403.000 to Point/Station      404.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
_________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.891(Ft.), Average velocity =   5.125(Ft/s)
        ******* Irregular Channel Data ***********
-----------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
```

```
        2             35.00              0.00
        3             70.00              2.00
Manning's 'N' friction factor =   0.035
-----------------------------------------------------------------
Sub-Channel flow  =     71.247(CFS)
  '     '        flow top width =     31.195(Ft.)
  '     '    velocity=    5.125(Ft/s)
  '     '        area =     13.902(Sq.Ft)
  '     '        Froude number =     1.353

Upstream point elevation =  2995.000(Ft.)
Downstream point elevation =  2892.000(Ft.)
Flow length =  2401.000(Ft.)
Travel time  =    7.81 min.
Time of concentration =   20.34 min.
Depth of flow =   0.891(Ft.)
Average velocity =   5.125(Ft/s)
Total irregular channel flow =    71.247(CFS)
Irregular channel normal depth above invert elev. =   0.891(Ft.)
Average velocity of channel(s) =   5.125(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.303(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.877
Subarea runoff =     85.420(CFS) for   46.370(Ac.)
Total runoff =    113.921(CFS)
Effective area this stream =       56.38(Ac.)
Total Study Area (Main Stream No. 1) =      195.76(Ac.)
Area averaged Fm value =    0.058(In/Hr)
Depth of flow =   1.063(Ft.), Average velocity =   5.763(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      403.000 to Point/Station      404.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 4
Stream flow area =     56.380(Ac.)
Runoff from this stream =    113.921(CFS)
Time of concentration =   20.34 min.
Rainfall intensity =     2.303(In/Hr)
Area averaged loss rate (Fm) =    0.0577(In/Hr)
```

```
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      201.000 to Point/Station      502.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.900
Decimal fraction soil group D = 0.100
SCS curve number for soil(AMC 2)  = 86.30
Adjusted SCS curve number for AMC 3 = 97.26
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.054(In/Hr)
Initial subarea data:
Initial area flow distance =   844.000(Ft.)
Top (of initial area) elevation =  3480.000(Ft.)
Bottom (of initial area) elevation =  3200.000(Ft.)
Difference in elevation =   280.000(Ft.)
Slope =    0.33175  s(%)=      33.18
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.695 min.
Rainfall intensity =      3.869(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.887
Subarea runoff =     32.922(CFS)
Total initial stream area =        9.590(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.054(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      502.000 to Point/Station      503.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.640(Ft.), Average velocity =   7.360(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             25.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     49.013(CFS)
  '     '        flow top width =     20.805(Ft.)
  '     '    velocity=    7.360(Ft/s)
  '     '        area =      6.659(Sq.Ft)
```

```
  '     '        Froude number =     2.293

Upstream point elevation =  3200.000(Ft.)
Downstream point elevation =  2904.000(Ft.)
Flow length =  2151.000(Ft.)
Travel time  =    4.87 min.
Time of concentration =   14.57 min.
Depth of flow =   0.640(Ft.)
Average velocity =   7.360(Ft/s)
Total irregular channel flow =    49.013(CFS)
Irregular channel normal depth above invert elev. =   0.640(Ft.)
Average velocity of channel(s) =   7.360(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.909(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.883
Subarea runoff =     32.124(CFS) for   15.730(Ac.)
Total runoff =     65.046(CFS)
Effective area this stream =       25.32(Ac.)
Total Study Area (Main Stream No. 1) =      221.08(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   0.712(Ft.), Average velocity =   7.900(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      503.000 to Point/Station      504.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.267(Ft.), Average velocity =   2.597(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     67.730(CFS)
  '     '        flow top width =     41.173(Ft.)
  '     '    velocity=    2.597(Ft/s)
```

```
  '     '        area =     26.080(Sq.Ft)
  '     '        Froude number =     0.575

Upstream point elevation =  2904.000(Ft.)
Downstream point elevation =  2886.000(Ft.)
Flow length =  2610.000(Ft.)
Travel time  =   16.75 min.
Time of concentration =   31.32 min.
Depth of flow =   1.267(Ft.)
Average velocity =   2.597(Ft/s)
Total irregular channel flow =    67.730(CFS)
Irregular channel normal depth above invert elev. =   1.267(Ft.)
Average velocity of channel(s) =   2.597(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      1.703(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.871
Subarea runoff =      5.290(CFS) for   22.120(Ac.)
Total runoff =     70.336(CFS)
Effective area this stream =       47.44(Ac.)
Total Study Area (Main Stream No. 1) =      243.20(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   1.285(Ft.), Average velocity =   2.622(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      503.000 to Point/Station      504.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 5
Stream flow area =     47.440(Ac.)
Runoff from this stream =     70.336(CFS)
Time of concentration =   31.32 min.
Rainfall intensity =     1.703(In/Hr)
Area averaged loss rate (Fm) =    0.0552(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)
```

```
1     70.61    37.530     21.81    0.102      2.193
2    184.11    89.810     19.37    0.106      2.383
3     22.79    12.040     21.54    0.109      2.212
4    113.92    56.380     20.34    0.058      2.303
5     70.34    47.440     31.32    0.055      1.703
Qmax(1) =
           1.000 *    1.000 *    70.611) +
           0.916 *    1.000 *   184.114) +
           0.991 *    1.000 *    22.785) +
           0.951 *    1.000 *   113.921) +
           1.298 *    0.697 *    70.336) + =     433.833
Qmax(2) =
           1.091 *    0.888 *    70.611) +
           1.000 *    1.000 *   184.114) +
           1.082 *    0.899 *    22.785) +
           1.036 *    0.952 *   113.921) +
           1.413 *    0.618 *    70.336) + =     448.493
Qmax(3) =
           1.009 *    0.988 *    70.611) +
           0.925 *    1.000 *   184.114) +
           1.000 *    1.000 *    22.785) +
           0.960 *    1.000 *   113.921) +
           1.309 *    0.688 *    70.336) + =     436.096
Qmax(4) =
           1.053 *    0.933 *    70.611) +
           0.965 *    1.000 *   184.114) +
           1.043 *    0.944 *    22.785) +
           1.000 *    1.000 *   113.921) +
           1.364 *    0.650 *    70.336) + =     445.608
Qmax(5) =
           0.765 *    1.000 *    70.611) +
           0.701 *    1.000 *   184.114) +
           0.758 *    1.000 *    22.785) +
           0.733 *    1.000 *   113.921) +
           1.000 *    1.000 *    70.336) + =     354.189

Total of 5 streams to confluence:
Flow rates before confluence point:
      70.611     184.114      22.785     113.921      70.336
Maximum flow rates at confluence using above data:
      433.833      448.493      436.096      445.608      354.189
Area of streams before confluence:
       37.530       89.810       12.040       56.380       47.440
Effective area values after confluence:
      228.804      216.968      227.937      223.372      243.200
Results of confluence:
Total flow rate =    448.493(CFS)
Time of concentration =    19.366 min.
Effective stream area after confluence =    216.968(Ac.)
Study area average Pervious fraction(Ap) =  1.000
```

Study area average soil loss rate(Fm) = 0.084(In/Hr)
Study area total (this main stream) = 243.20(Ac.)
End of computations, Total Study Area = 243.20 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged SCS curve number = 83.3

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 07/26/22

IENLC
100-yr
Existing condition
Areas F and G

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 601.000 to Point/Station 602.000
**** INITIAL AREA EVALUATION ****

UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000 Max loss rate(Fm)= 0.055(In/Hr)
Initial subarea data:
Initial area flow distance = 683.000(Ft.)
Top (of initial area) elevation = 3345.000(Ft.)
Bottom (of initial area) elevation = 3140.000(Ft.)
Difference in elevation = 205.000(Ft.)
Slope = 0.30015 s(%)= 30.01
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.088 min.
Rainfall intensity = 4.048(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.888

```
Subarea runoff =     34.206(CFS)
Total initial stream area =        9.520(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      602.000 to Point/Station      603.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.822(Ft.), Average velocity =   7.185(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             25.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     78.930(CFS)
  '     '        flow top width =     26.721(Ft.)
  '     '    velocity=    7.185(Ft/s)
  '     '        area =     10.985(Sq.Ft)
  '     '        Froude number =     1.975

Upstream point elevation =  3140.000(Ft.)
Downstream point elevation =  3050.000(Ft.)
Flow length =   958.000(Ft.)
Travel time  =    2.22 min.
Time of concentration =   11.31 min.
Depth of flow =   0.822(Ft.)
Average velocity =   7.185(Ft/s)
Total irregular channel flow =    78.930(CFS)
Irregular channel normal depth above invert elev. =   0.822(Ft.)
Average velocity of channel(s) =   7.185(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      3.473(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.886
Subarea runoff =     89.351(CFS) for   30.650(Ac.)
```

```
Total runoff =    123.557(CFS)
Effective area this stream =       40.17(Ac.)
Total Study Area (Main Stream No. 1) =       40.17(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   0.973(Ft.), Average velocity =   8.037(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      603.000 to Point/Station      604.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.422(Ft.), Average velocity =   6.203(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             35.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    203.924(CFS)
  '     '        flow top width =     46.225(Ft.)
  '     '    velocity=    6.203(Ft/s)
  '     '        area =     32.873(Sq.Ft)
  '     '        Froude number =     1.296

Upstream point elevation =  3050.000(Ft.)
Downstream point elevation =  3000.000(Ft.)
Flow length =  1483.000(Ft.)
Travel time  =    3.98 min.
Time of concentration =   15.29 min.
Depth of flow =   1.422(Ft.)
Average velocity =   6.203(Ft/s)
Total irregular channel flow =   203.924(CFS)
Irregular channel normal depth above invert elev. =   1.422(Ft.)
Average velocity of channel(s) =   6.203(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.812(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.882
```

```
Subarea runoff =    160.646(CFS) for   74.400(Ac.)
Total runoff =    284.203(CFS)
Effective area this stream =      114.57(Ac.)
Total Study Area (Main Stream No. 1) =      114.57(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   1.611(Ft.), Average velocity =   6.740(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      604.000 to Point/Station      605.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.768(Ft.), Average velocity =   6.263(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    318.284(CFS)
  '     '        flow top width =     57.473(Ft.)
  '     '    velocity=    6.263(Ft/s)
  '     '        area =     50.817(Sq.Ft)
  '     '        Froude number =     1.174

Upstream point elevation =  3000.000(Ft.)
Downstream point elevation =  2982.000(Ft.)
Flow length =   700.000(Ft.)
Travel time  =    1.86 min.
Time of concentration =   17.16 min.
Depth of flow =   1.768(Ft.)
Average velocity =   6.263(Ft/s)
Total irregular channel flow =   318.285(CFS)
Irregular channel normal depth above invert elev. =   1.768(Ft.)
Average velocity of channel(s) =   6.263(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.594(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
```

```
rational method)(Q=KCIA) is C = 0.881
Subarea runoff =     68.100(CFS) for   39.610(Ac.)
Total runoff =    352.302(CFS)
Effective area this stream =      154.18(Ac.)
Total Study Area (Main Stream No. 1) =      154.18(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   1.837(Ft.), Average velocity =   6.424(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      606.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   1.730(Ft.), Average velocity =   7.647(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             35.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =    371.906(CFS)
  '     '        flow top width =     56.224(Ft.)
  '     '    velocity=    7.647(Ft/s)
  '     '        area =     48.633(Sq.Ft)
  '     '        Froude number =     1.449

Upstream point elevation =  2982.000(Ft.)
Downstream point elevation =  2885.000(Ft.)
Flow length =  2458.000(Ft.)
Travel time  =    5.36 min.
Time of concentration =   22.51 min.
Depth of flow =   1.730(Ft.)
Average velocity =   7.647(Ft/s)
Total irregular channel flow =   371.906(CFS)
Irregular channel normal depth above invert elev. =   1.730(Ft.)
Average velocity of channel(s) =   7.647(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.145(In/Hr) for a   100.0 year storm
```

```
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.877
Subarea runoff =     39.157(CFS) for   53.980(Ac.)
Total runoff =    391.459(CFS)
Effective area this stream =      208.16(Ac.)
Total Study Area (Main Stream No. 1) =      208.16(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   1.764(Ft.), Average velocity =   7.746(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      606.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =    208.160(Ac.)
Runoff from this stream =    391.459(CFS)
Time of concentration =   22.51 min.
Rainfall intensity =     2.145(In/Hr)
Area averaged loss rate (Fm) =    0.0554(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      701.000 to Point/Station      702.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Initial subarea data:
Initial area flow distance =   961.000(Ft.)
Top (of initial area) elevation =  3140.000(Ft.)
Bottom (of initial area) elevation =  3030.000(Ft.)
Difference in elevation =   110.000(Ft.)
Slope =    0.11446  s(%)=      11.45
TC = k(0.525)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.633 min.
Rainfall intensity =      3.214(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.884
Subarea runoff =     26.581(CFS)
Total initial stream area =        9.350(Ac.)
Pervious area fraction = 1.000
Initial area Fm value =    0.055(In/Hr)
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      702.000 to Point/Station      703.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.713(Ft.), Average velocity =   5.012(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     41.410(CFS)
  '     '         flow top width =     23.174(Ft.)
  '     '    velocity=    5.012(Ft/s)
  '     '         area =      8.262(Sq.Ft)
  '     '         Froude number =     1.479

Upstream point elevation =  3030.000(Ft.)
Downstream point elevation =  2985.000(Ft.)
Flow length =   814.000(Ft.)
Travel time  =    2.71 min.
Time of concentration =   15.34 min.
Depth of flow =   0.713(Ft.)
Average velocity =   5.012(Ft/s)
Total irregular channel flow =    41.410(CFS)
Irregular channel normal depth above invert elev. =   0.713(Ft.)
Average velocity of channel(s) =   5.012(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.806(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.882
Subarea runoff =     29.584(CFS) for   13.340(Ac.)
Total runoff =     56.166(CFS)
Effective area this stream =       22.69(Ac.)
Total Study Area (Main Stream No. 1) =      230.85(Ac.)
Area averaged Fm value =    0.055(In/Hr)
Depth of flow =   0.799(Ft.), Average velocity =   5.409(Ft/s)
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      703.000 to Point/Station      704.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.000(CFS)
Depth of flow =   0.909(Ft.), Average velocity =   5.540(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              2.00
        2             23.00              0.00
        3             65.00              2.00
Manning's 'N' friction factor =   0.035
------------------------------------------------------------------
Sub-Channel flow  =     74.388(CFS)
  '     '        flow top width =     29.542(Ft.)
  '     '    velocity=    5.540(Ft/s)
  '     '        area =     13.426(Sq.Ft)
  '     '        Froude number =     1.448

Upstream point elevation =  2985.000(Ft.)
Downstream point elevation =  2888.000(Ft.)
Flow length =  1985.000(Ft.)
Travel time  =    5.97 min.
Time of concentration =   21.31 min.
Depth of flow =   0.909(Ft.)
Average velocity =   5.540(Ft/s)
Total irregular channel flow =    74.388(CFS)
Irregular channel normal depth above invert elev. =   0.909(Ft.)
Average velocity of channel(s) =   5.540(Ft/s)
 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 86.00
Adjusted SCS curve number for AMC 3 = 97.20
Pervious ratio(Ap) = 1.0000     Max loss rate(Fm)=     0.055(In/Hr)
Rainfall intensity =      2.229(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.878
Subarea runoff =     36.383(CFS) for   24.620(Ac.)
Total runoff =     92.549(CFS)
Effective area this stream =       47.31(Ac.)
Total Study Area (Main Stream No. 1) =      255.47(Ac.)
Area averaged Fm value =    0.055(In/Hr)
```

```
Depth of flow =   0.987(Ft.), Average velocity =   5.851(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      703.000 to Point/Station      704.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     47.310(Ac.)
Runoff from this stream =     92.549(CFS)
Time of concentration =   21.31 min.
Rainfall intensity =     2.229(In/Hr)
Area averaged loss rate (Fm) =    0.0554(In/Hr)
Area averaged Pervious ratio (Ap) = 1.0000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1    391.46   208.160     22.51    0.055      2.145
2     92.55    47.310     21.31    0.055      2.229
Qmax(1) =
           1.000 *    1.000 *   391.459) +
           0.961 *    1.000 *    92.549) + =     480.429
Qmax(2) =
           1.040 *    0.947 *   391.459) +
           1.000 *    1.000 *    92.549) + =     477.997

Total of 2 streams to confluence:
Flow rates before confluence point:
     391.459      92.549
Maximum flow rates at confluence using above data:
      480.429      477.997
Area of streams before confluence:
      208.160       47.310
Effective area values after confluence:
      255.470      244.348
Results of confluence:
Total flow rate =    480.429(CFS)
Time of concentration =    22.514 min.
Effective stream area after confluence =    255.470(Ac.)
Study area average Pervious fraction(Ap) =  1.000
Study area average soil loss rate(Fm) =    0.055(In/Hr)
Study area total (this main stream) =     255.47(Ac.)
End of computations, Total Study Area =          255.47 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.
```

Area averaged pervious area fraction(Ap) = 1.000
Area averaged SCS curve number = 86.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 07/29/22

IENLC
10-year
Developed condition
Area A

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.609 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 2

++

Process from Point/Station 10.000 to Point/Station 20.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 69.00
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.055(In/Hr)
Initial subarea data:
Initial area flow distance = 685.000(Ft.)
Top (of initial area) elevation = 2922.900(Ft.)
Bottom (of initial area) elevation = 2916.790(Ft.)
Difference in elevation = 6.110(Ft.)
Slope = 0.00892 s(%)= 0.89
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 10.643 min.
Rainfall intensity = 2.043(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.876
Subarea runoff = 12.189(CFS)

```
Total initial stream area =        6.810(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       20.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.400(Ft.)
Pipe length  =   488.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    12.189(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    12.189(CFS)
Normal flow depth in pipe =   15.77(In.)
Flow top width inside pipe =   22.78(In.)
Critical Depth =   15.06(In.)
Pipe flow velocity =      5.57(Ft/s)
Travel time through pipe =    1.46 min.
Time of concentration (TC) =    12.10 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       20.000 to Point/Station       30.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    12.10 min.
Rainfall intensity =      1.868(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.874
Subarea runoff =     10.310(CFS) for    6.980(Ac.)
Total runoff =     22.498(CFS)
Effective area this stream =       13.79(Ac.)
Total Study Area (Main Stream No. 1) =       13.79(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2911.400(Ft.)
```

```
Downstream point/station elevation =  2907.000(Ft.)
Pipe length  =   878.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    22.498(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    22.498(CFS)
Normal flow depth in pipe =   19.83(In.)
Flow top width inside pipe =   28.40(In.)
Critical Depth =   19.36(In.)
Pipe flow velocity =      6.53(Ft/s)
Travel time through pipe =    2.24 min.
Time of concentration (TC) =    14.34 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    14.34 min.
Rainfall intensity =      1.658(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.870
Subarea runoff =      3.565(CFS) for    4.270(Ac.)
Total runoff =     26.063(CFS)
Effective area this stream =       18.06(Ac.)
Total Study Area (Main Stream No. 1) =       18.06(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     18.060(Ac.)
Runoff from this stream =     26.063(CFS)
Time of concentration =   14.34 min.
Rainfall intensity =     1.658(In/Hr)
Area averaged loss rate (Fm) =    0.0548(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       50.000 to Point/Station       60.000
```

```
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Initial subarea data:
Initial area flow distance =   648.000(Ft.)
Top (of initial area) elevation =  2922.900(Ft.)
Bottom (of initial area) elevation =  2916.030(Ft.)
Difference in elevation =     6.870(Ft.)
Slope =    0.01060  s(%)=       1.06
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   10.056 min.
Rainfall intensity =      2.126(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.877
Subarea runoff =     13.274(CFS)
Total initial stream area =        7.120(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       60.000 to Point/Station       70.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =  2913.000(Ft.)
Downstream point/station elevation =  2910.500(Ft.)
Pipe length  =   500.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.274(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    13.274(CFS)
Normal flow depth in pipe =   16.69(In.)
Flow top width inside pipe =   22.09(In.)
Critical Depth =   15.73(In.)
Pipe flow velocity =      5.69(Ft/s)
Travel time through pipe =    1.46 min.
Time of concentration (TC) =    11.52 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       60.000 to Point/Station       70.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
```

```
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    11.52 min.
Rainfall intensity =      1.933(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.874
Subarea runoff =     11.089(CFS) for    7.290(Ac.)
Total runoff =     24.363(CFS)
Effective area this stream =       14.41(Ac.)
Total Study Area (Main Stream No. 1) =       32.47(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2910.500(Ft.)
Downstream point/station elevation =  2907.060(Ft.)
Pipe length  =   688.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    24.363(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    24.363(CFS)
Normal flow depth in pipe =   21.05(In.)
Flow top width inside pipe =   27.45(In.)
Critical Depth =   20.18(In.)
Pipe flow velocity =      6.62(Ft/s)
Travel time through pipe =    1.73 min.
Time of concentration (TC) =    13.25 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    13.25 min.
Rainfall intensity =      1.753(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.872
Subarea runoff =     20.489(CFS) for   14.940(Ac.)
Total runoff =     44.852(CFS)
```

```
Effective area this stream =       29.35(Ac.)
Total Study Area (Main Stream No. 1) =       47.41(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     29.350(Ac.)
Runoff from this stream =     44.852(CFS)
Time of concentration =   13.25 min.
Rainfall intensity =     1.753(In/Hr)
Area averaged loss rate (Fm) =    0.0548(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     26.06    18.060     14.34    0.055      1.658
2     44.85    29.350     13.25    0.055      1.753
Qmax(1) =
           1.000 *    1.000 *    26.063) +
           0.944 *    1.000 *    44.852) + =      68.418
Qmax(2) =
           1.059 *    0.924 *    26.063) +
           1.000 *    1.000 *    44.852) + =      70.350

Total of 2 streams to confluence:
Flow rates before confluence point:
      26.063      44.852
Maximum flow rates at confluence using above data:
       68.418       70.350
Area of streams before confluence:
       18.060       29.350
Effective area values after confluence:
       47.410       46.035
Results of confluence:
Total flow rate =     70.350(CFS)
Time of concentration =    13.252 min.
Effective stream area after confluence =     46.035(Ac.)
Study area average Pervious fraction(Ap) =  0.100
Study area average soil loss rate(Fm) =    0.055(In/Hr)
Study area total (this main stream) =      47.41(Ac.)
End of computations, Total Study Area =           47.41 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
```

Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 69.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
10-year Developed
Area B

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.609 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 2

++

Process from Point/Station 50.000 to Point/Station 15.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 69.00
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.055(In/Hr)
Initial subarea data:
Initial area flow distance = 613.000(Ft.)
Top (of initial area) elevation = 2922.900(Ft.)
Bottom (of initial area) elevation = 2916.800(Ft.)
Difference in elevation = 6.100(Ft.)
Slope = 0.00995 s(%)= 1.00
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.961 min.
Rainfall intensity = 2.141(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.877

```
Subarea runoff =     12.915(CFS)
Total initial stream area =        6.880(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       15.000 to Point/Station       25.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.220(Ft.)
Pipe length  =   517.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    12.915(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    12.915(CFS)
Normal flow depth in pipe =   16.36(In.)
Flow top width inside pipe =   22.36(In.)
Critical Depth =   15.51(In.)
Pipe flow velocity =      5.66(Ft/s)
Travel time through pipe =    1.52 min.
Time of concentration (TC) =    11.48 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       15.000 to Point/Station       25.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    11.48 min.
Rainfall intensity =      1.938(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.875
Subarea runoff =     10.336(CFS) for    6.840(Ac.)
Total runoff =     23.251(CFS)
Effective area this stream =       13.72(Ac.)
Total Study Area (Main Stream No. 1) =       13.72(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       25.000 to Point/Station       35.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
```

```
Upstream point/station elevation =  2911.220(Ft.)
Downstream point/station elevation =  2907.880(Ft.)
Pipe length  =   668.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    23.251(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    23.251(CFS)
Normal flow depth in pipe =   20.32(In.)
Flow top width inside pipe =   28.05(In.)
Critical Depth =   19.71(In.)
Pipe flow velocity =      6.57(Ft/s)
Travel time through pipe =    1.70 min.
Time of concentration (TC) =    13.18 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       25.000 to Point/Station       35.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    13.18 min.
Rainfall intensity =      1.760(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.872
Subarea runoff =     13.114(CFS) for    9.980(Ac.)
Total runoff =     36.365(CFS)
Effective area this stream =       23.70(Ac.)
Total Study Area (Main Stream No. 1) =       23.70(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       25.000 to Point/Station       35.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     23.700(Ac.)
Runoff from this stream =     36.365(CFS)
Time of concentration =   13.18 min.
Rainfall intensity =     1.760(In/Hr)
Area averaged loss rate (Fm) =    0.0548(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
Process from Point/Station       50.000 to Point/Station       45.000
**** INITIAL AREA EVALUATION ****
----------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Initial subarea data:
Initial area flow distance =   629.000(Ft.)
Top (of initial area) elevation =  2922.900(Ft.)
Bottom (of initial area) elevation =  2916.800(Ft.)
Difference in elevation =     6.100(Ft.)
Slope =    0.00970  s(%)=       0.97
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   10.116 min.
Rainfall intensity =      2.118(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.877
Subarea runoff =     13.626(CFS)
Total initial stream area =        7.340(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       45.000 to Point/Station       55.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
----------------------------------------------------------------------
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.290(Ft.)
Pipe length  =   503.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.626(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    13.626(CFS)
Normal flow depth in pipe =   17.04(In.)
Flow top width inside pipe =   21.78(In.)
Critical Depth =   15.96(In.)
Pipe flow velocity =      5.71(Ft/s)
Travel time through pipe =    1.47 min.
Time of concentration (TC) =    11.58 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       45.000 to Point/Station       55.000
**** SUBAREA FLOW ADDITION ****
----------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
```

```
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    11.58 min.
Rainfall intensity =      1.926(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.874
Subarea runoff =      8.401(CFS) for    5.740(Ac.)
Total runoff =     22.027(CFS)
Effective area this stream =       13.08(Ac.)
Total Study Area (Main Stream No. 1) =       36.78(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       55.000 to Point/Station       65.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2911.290(Ft.)
Downstream point/station elevation =  2908.930(Ft.)
Pipe length  =   472.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    22.027(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    22.027(CFS)
Normal flow depth in pipe =   19.55(In.)
Flow top width inside pipe =   28.59(In.)
Critical Depth =   19.15(In.)
Pipe flow velocity =      6.50(Ft/s)
Travel time through pipe =    1.21 min.
Time of concentration (TC) =    12.79 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       55.000 to Point/Station       65.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    12.79 min.
Rainfall intensity =      1.797(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.873
Subarea runoff =      4.355(CFS) for    3.750(Ac.)
```

```
Total runoff =     26.382(CFS)
Effective area this stream =       16.83(Ac.)
Total Study Area (Main Stream No. 1) =       40.53(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       65.000 to Point/Station       75.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2908.930(Ft.)
Downstream point/station elevation =  2908.040(Ft.)
Pipe length  =   179.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    26.382(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    26.382(CFS)
Normal flow depth in pipe =   22.50(In.)
Flow top width inside pipe =   25.98(In.)
Critical Depth =   21.02(In.)
Pipe flow velocity =      6.68(Ft/s)
Travel time through pipe =    0.45 min.
Time of concentration (TC) =    13.24 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       65.000 to Point/Station       75.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.055(In/Hr)
Time of concentration =    13.24 min.
Rainfall intensity =      1.754(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.872
Subarea runoff =     10.807(CFS) for    7.490(Ac.)
Total runoff =     37.189(CFS)
Effective area this stream =       24.32(Ac.)
Total Study Area (Main Stream No. 1) =       48.02(Ac.)
Area averaged Fm value =    0.055(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       75.000 to Point/Station       85.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
```

```
Upstream point/station elevation =  2908.040(Ft.)
Downstream point/station elevation =  2904.090(Ft.)
Pipe length  =   791.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    37.189(CFS)
Nearest computed pipe diameter  =     33.00(In.)
Calculated individual pipe flow  =    37.189(CFS)
Normal flow depth in pipe =   26.91(In.)
Flow top width inside pipe =   25.61(In.)
Critical Depth =   24.36(In.)
Pipe flow velocity =      7.17(Ft/s)
Travel time through pipe =    1.84 min.
Time of concentration (TC) =    15.08 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       75.000 to Point/Station       85.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     24.320(Ac.)
Runoff from this stream =     37.189(CFS)
Time of concentration =   15.08 min.
Rainfall intensity =     1.601(In/Hr)
Area averaged loss rate (Fm) =    0.0548(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     36.36    23.700     13.18    0.055      1.760
2     37.19    24.320     15.08    0.055      1.601
Qmax(1) =
           1.000 *    1.000 *    36.365) +
           1.102 *    0.874 *    37.189) + =      72.195
Qmax(2) =
           0.907 *    1.000 *    36.365) +
           1.000 *    1.000 *    37.189) + =      70.177

Total of 2 streams to confluence:
Flow rates before confluence point:
      36.365      37.189
Maximum flow rates at confluence using above data:
       72.195       70.177
Area of streams before confluence:
       23.700       24.320
Effective area values after confluence:
       44.955       48.020
Results of confluence:
```

Total flow rate = 72.195(CFS)
Time of concentration = 13.178 min.
Effective stream area after confluence = 44.955(Ac.)
Study area average Pervious fraction(Ap) = 0.100
Study area average soil loss rate(Fm) = 0.055(In/Hr)
Study area total (this main stream) = 48.02(Ac.)
End of computations, Total Study Area = 48.02 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 69.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
10-year Developed
Area C

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.601 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 2

++

Process from Point/Station 100.000 to Point/Station 101.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2) = 48.00
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.083(In/Hr)
Initial subarea data:
Initial area flow distance = 546.000(Ft.)
Top (of initial area) elevation = 2968.000(Ft.)
Bottom (of initial area) elevation = 2962.030(Ft.)
Difference in elevation = 5.970(Ft.)
Slope = 0.01093 s(%)= 1.09
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.332 min.
Rainfall intensity = 2.211(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.866

```
Subarea runoff =      9.575(CFS)
Total initial stream area =        5.000(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      101.000 to Point/Station      102.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2956.900(Ft.)
Pipe length  =   415.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     9.575(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =     9.575(CFS)
Normal flow depth in pipe =   14.86(In.)
Flow top width inside pipe =   19.10(In.)
Critical Depth =   13.81(In.)
Pipe flow velocity =      5.26(Ft/s)
Travel time through pipe =    1.32 min.
Time of concentration (TC) =    10.65 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      101.000 to Point/Station      102.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.083(In/Hr)
Time of concentration =    10.65 min.
Rainfall intensity =      2.016(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.863
Subarea runoff =      7.577(CFS) for    4.860(Ac.)
Total runoff =     17.151(CFS)
Effective area this stream =        9.86(Ac.)
Total Study Area (Main Stream No. 1) =        9.86(Ac.)
Area averaged Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
```

```
Upstream point/station elevation =  2956.900(Ft.)
Downstream point/station elevation =  2953.500(Ft.)
Pipe length  =   673.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    17.151(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    17.151(CFS)
Normal flow depth in pipe =   17.93(In.)
Flow top width inside pipe =   25.51(In.)
Critical Depth =   17.36(In.)
Pipe flow velocity =      6.12(Ft/s)
Travel time through pipe =    1.83 min.
Time of concentration (TC) =    12.48 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.083(In/Hr)
Time of concentration =    12.48 min.
Rainfall intensity =      1.804(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.858
Subarea runoff =      7.487(CFS) for    6.050(Ac.)
Total runoff =     24.638(CFS)
Effective area this stream =       15.91(Ac.)
Total Study Area (Main Stream No. 1) =       15.91(Ac.)
Area averaged Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
Soil classification AP and SCS  values input by user
USER INPUT of soil data for subarea
SCS curve number for soil(AMC 2)  = 69.00
Pervious ratio(Ap) = 0.9000     Max loss rate(Fm)=     0.493(In/Hr)
Time of concentration =    12.48 min.
Rainfall intensity =      1.804(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.820
Subarea runoff =      4.365(CFS) for    3.700(Ac.)
Total runoff =     29.004(CFS)
```

```
Effective area this stream =       19.61(Ac.)
Total Study Area (Main Stream No. 1) =       19.61(Ac.)
Area averaged Fm value =    0.161(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     19.610(Ac.)
Runoff from this stream =     29.004(CFS)
Time of concentration =   12.48 min.
Rainfall intensity =     1.804(In/Hr)
Area averaged loss rate (Fm) =    0.1606(In/Hr)
Area averaged Pervious ratio (Ap) = 0.2509


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      100.000 to Point/Station      104.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.083(In/Hr)
Initial subarea data:
Initial area flow distance =   570.000(Ft.)
Top (of initial area) elevation =  2968.000(Ft.)
Bottom (of initial area) elevation =  2962.140(Ft.)
Difference in elevation =     5.860(Ft.)
Slope =    0.01028  s(%)=       1.03
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.612 min.
Rainfall intensity =      2.166(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.865
Subarea runoff =     13.607(CFS)
Total initial stream area =        7.260(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      104.000 to Point/Station      105.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  2959.100(Ft.)
```

```
Downstream point/station elevation =  2957.300(Ft.)
Pipe length  =   365.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.607(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    13.607(CFS)
Normal flow depth in pipe =   17.11(In.)
Flow top width inside pipe =   21.72(In.)
Critical Depth =   15.94(In.)
Pipe flow velocity =      5.68(Ft/s)
Travel time through pipe =    1.07 min.
Time of concentration (TC) =    10.68 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      104.000 to Point/Station      105.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.083(In/Hr)
Time of concentration =    10.68 min.
Rainfall intensity =      2.011(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.863
Subarea runoff =     11.747(CFS) for    7.350(Ac.)
Total runoff =     25.353(CFS)
Effective area this stream =       14.61(Ac.)
Total Study Area (Main Stream No. 1) =       34.22(Ac.)
Area averaged Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2957.300(Ft.)
Downstream point/station elevation =  2952.600(Ft.)
Pipe length  =   945.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    25.353(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    25.353(CFS)
Normal flow depth in pipe =   21.77(In.)
Flow top width inside pipe =   26.77(In.)
Critical Depth =   20.60(In.)
Pipe flow velocity =      6.65(Ft/s)
Travel time through pipe =    2.37 min.
```

```
Time of concentration (TC) =    13.05 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.083(In/Hr)
Time of concentration =    13.05 min.
Rainfall intensity =      1.748(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.857
Subarea runoff =      3.057(CFS) for    4.350(Ac.)
Total runoff =     28.410(CFS)
Effective area this stream =       18.96(Ac.)
Total Study Area (Main Stream No. 1) =       38.57(Ac.)
Area averaged Fm value =    0.083(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     18.960(Ac.)
Runoff from this stream =     28.410(CFS)
Time of concentration =   13.05 min.
Rainfall intensity =     1.748(In/Hr)
Area averaged loss rate (Fm) =    0.0833(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     29.00    19.610     12.48    0.161      1.804
2     28.41    18.960     13.05    0.083      1.748
Qmax(1) =
           1.000 *    1.000 *    29.004) +
           1.033 *    0.956 *    28.410) + =      57.077
Qmax(2) =
           0.966 *    1.000 *    29.004) +
           1.000 *    1.000 *    28.410) + =      56.430
```

```
Total of 2 streams to confluence:
Flow rates before confluence point:
      29.004      28.410
Maximum flow rates at confluence using above data:
       57.077       56.430
Area of streams before confluence:
       19.610       18.960
Effective area values after confluence:
       37.738       38.570
Results of confluence:
Total flow rate =     57.077(CFS)
Time of concentration =    12.480 min.
Effective stream area after confluence =     37.738(Ac.)
Study area average Pervious fraction(Ap) =  0.177
Study area average soil loss rate(Fm) =    0.123(In/Hr)
Study area total (this main stream) =      38.57(Ac.)
End of computations, Total Study Area =           38.57 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.177
Area averaged SCS curve number =  50.0
```

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
10-year Developed
Area D

Program License Serial Number 6385

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

Rational hydrology study storm event year is 10.0
Computed rainfall intensity:
Storm year = 10.00 1 hour rainfall = 0.609 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 2

++

Process from Point/Station 100.000 to Point/Station 107.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2) = 51.70
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.079(In/Hr)
Initial subarea data:
Initial area flow distance = 461.000(Ft.)
Top (of initial area) elevation = 2968.000(Ft.)
Bottom (of initial area) elevation = 2962.030(Ft.)
Difference in elevation = 5.970(Ft.)
Slope = 0.01295 s(%)= 1.30
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 8.431 min.
Rainfall intensity = 2.405(In/Hr) for a 10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.870

```
Subarea runoff =      9.234(CFS)
Total initial stream area =        4.410(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      107.000 to Point/Station      108.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2957.000(Ft.)
Pipe length  =   403.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     9.234(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =     9.234(CFS)
Normal flow depth in pipe =   14.57(In.)
Flow top width inside pipe =   19.36(In.)
Critical Depth =   13.57(In.)
Pipe flow velocity =      5.19(Ft/s)
Travel time through pipe =    1.30 min.
Time of concentration (TC) =     9.73 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      107.000 to Point/Station      108.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.079(In/Hr)
Time of concentration =     9.73 min.
Rainfall intensity =      2.176(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.867
Subarea runoff =      7.832(CFS) for    4.630(Ac.)
Total runoff =     17.066(CFS)
Effective area this stream =        9.04(Ac.)
Total Study Area (Main Stream No. 1) =        9.04(Ac.)
Area averaged Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
```

```
Upstream point/station elevation =  2957.000(Ft.)
Downstream point/station elevation =  2952.230(Ft.)
Pipe length  =   955.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    17.066(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    17.066(CFS)
Normal flow depth in pipe =   17.93(In.)
Flow top width inside pipe =   25.51(In.)
Critical Depth =   17.32(In.)
Pipe flow velocity =      6.09(Ft/s)
Travel time through pipe =    2.61 min.
Time of concentration (TC) =    12.34 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.079(In/Hr)
Time of concentration =    12.34 min.
Rainfall intensity =      1.842(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.861
Subarea runoff =      2.566(CFS) for    3.330(Ac.)
Total runoff =     19.632(CFS)
Effective area this stream =       12.37(Ac.)
Total Study Area (Main Stream No. 1) =       12.37(Ac.)
Area averaged Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     12.370(Ac.)
Runoff from this stream =     19.632(CFS)
Time of concentration =   12.34 min.
Rainfall intensity =     1.842(In/Hr)
Area averaged loss rate (Fm) =    0.0789(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
Process from Point/Station      100.000 to Point/Station      110.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.079(In/Hr)
Initial subarea data:
Initial area flow distance =   455.000(Ft.)
Top (of initial area) elevation =  2968.000(Ft.)
Bottom (of initial area) elevation =  2962.130(Ft.)
Difference in elevation =     5.870(Ft.)
Slope =    0.01290  s(%)=       1.29
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    8.394 min.
Rainfall intensity =      2.413(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.871
Subarea runoff =     13.003(CFS)
Total initial stream area =        6.190(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      110.000 to Point/Station      111.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2957.200(Ft.)
Pipe length  =   365.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.003(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    13.003(CFS)
Normal flow depth in pipe =   16.52(In.)
Flow top width inside pipe =   22.23(In.)
Critical Depth =   15.58(In.)
Pipe flow velocity =      5.64(Ft/s)
Travel time through pipe =    1.08 min.
Time of concentration (TC) =     9.47 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      110.000 to Point/Station      111.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
```

```
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.079(In/Hr)
Time of concentration =     9.47 min.
Rainfall intensity =      2.217(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.868
Subarea runoff =     15.095(CFS) for    8.410(Ac.)
Total runoff =     28.098(CFS)
Effective area this stream =       14.60(Ac.)
Total Study Area (Main Stream No. 1) =       26.97(Ac.)
Area averaged Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2957.200(Ft.)
Downstream point/station elevation =  2954.100(Ft.)
Pipe length  =   630.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    28.098(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    28.098(CFS)
Normal flow depth in pipe =   24.00(In.)
Flow top width inside pipe =   24.00(In.)
Critical Depth =   21.68(In.)
Pipe flow velocity =      6.68(Ft/s)
Travel time through pipe =    1.57 min.
Time of concentration (TC) =    11.04 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.079(In/Hr)
Time of concentration =    11.04 min.
Rainfall intensity =      1.991(In/Hr) for a    10.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.864
Subarea runoff =     15.259(CFS) for   10.590(Ac.)
```

```
Total runoff =     43.357(CFS)
Effective area this stream =       25.19(Ac.)
Total Study Area (Main Stream No. 1) =       37.56(Ac.)
Area averaged Fm value =    0.079(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     25.190(Ac.)
Runoff from this stream =     43.357(CFS)
Time of concentration =   11.04 min.
Rainfall intensity =     1.991(In/Hr)
Area averaged loss rate (Fm) =    0.0789(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     19.63    12.370     12.34    0.079      1.842
2     43.36    25.190     11.04    0.079      1.991
Qmax(1) =
           1.000 *    1.000 *    19.632) +
           0.922 *    1.000 *    43.357) + =      59.612
Qmax(2) =
           1.084 *    0.895 *    19.632) +
           1.000 *    1.000 *    43.357) + =      62.409

Total of 2 streams to confluence:
Flow rates before confluence point:
      19.632      43.357
Maximum flow rates at confluence using above data:
       59.612       62.409
Area of streams before confluence:
       12.370       25.190
Effective area values after confluence:
       37.560       36.259
Results of confluence:
Total flow rate =     62.409(CFS)
Time of concentration =    11.044 min.
Effective stream area after confluence =     36.259(Ac.)
Study area average Pervious fraction(Ap) =  0.100
Study area average soil loss rate(Fm) =    0.079(In/Hr)
Study area total (this main stream) =      37.56(Ac.)
End of computations, Total Study Area =           37.56 (Ac.)
The following figures may
```

be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 51.7

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 07/29/22

IENLC
100-year
Developed condition
Area A

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 10.000 to Point/Station 20.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.026(In/Hr)
Initial subarea data:
Initial area flow distance = 685.000(Ft.)
Top (of initial area) elevation = 2922.900(Ft.)
Bottom (of initial area) elevation = 2916.790(Ft.)
Difference in elevation = 6.110(Ft.)
Slope = 0.00892 s(%)= 0.89
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 10.643 min.
Rainfall intensity = 3.624(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.894

```
Subarea runoff =     22.050(CFS)
Total initial stream area =        6.810(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       20.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.400(Ft.)
Pipe length  =   488.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    22.050(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    22.050(CFS)
Normal flow depth in pipe =   19.69(In.)
Flow top width inside pipe =   28.50(In.)
Critical Depth =   19.15(In.)
Pipe flow velocity =      6.46(Ft/s)
Travel time through pipe =    1.26 min.
Time of concentration (TC) =    11.90 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       20.000 to Point/Station       30.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    11.90 min.
Rainfall intensity =      3.351(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     19.215(CFS) for    6.980(Ac.)
Total runoff =     41.265(CFS)
Effective area this stream =       13.79(Ac.)
Total Study Area (Main Stream No. 1) =       13.79(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
```

```
Upstream point/station elevation =  2911.400(Ft.)
Downstream point/station elevation =  2907.000(Ft.)
Pipe length  =   878.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    41.265(CFS)
Nearest computed pipe diameter  =     36.00(In.)
Calculated individual pipe flow  =    41.265(CFS)
Normal flow depth in pipe =   26.06(In.)
Flow top width inside pipe =   32.19(In.)
Critical Depth =   25.12(In.)
Pipe flow velocity =      7.53(Ft/s)
Travel time through pipe =    1.94 min.
Time of concentration (TC) =    13.85 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** SUBAREA FLOW ADDITION ****
------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    13.85 min.
Rainfall intensity =      3.014(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.892
Subarea runoff =      7.306(CFS) for    4.270(Ac.)
Total runoff =     48.571(CFS)
Effective area this stream =       18.06(Ac.)
Total Study Area (Main Stream No. 1) =       18.06(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       40.000
**** CONFLUENCE OF MINOR STREAMS ****
------------------------------------------------------------------------
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     18.060(Ac.)
Runoff from this stream =     48.571(CFS)
Time of concentration =   13.85 min.
Rainfall intensity =     3.014(In/Hr)
Area averaged loss rate (Fm) =    0.0262(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       50.000 to Point/Station       60.000
**** INITIAL AREA EVALUATION ****
------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Initial subarea data:
Initial area flow distance =   648.000(Ft.)
Top (of initial area) elevation =  2922.900(Ft.)
Bottom (of initial area) elevation =  2916.030(Ft.)
Difference in elevation =     6.870(Ft.)
Slope =    0.01060  s(%)=       1.06
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   10.056 min.
Rainfall intensity =      3.771(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.894
Subarea runoff =     23.996(CFS)
Total initial stream area =        7.120(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       60.000 to Point/Station       70.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------
Upstream point/station elevation =  2913.000(Ft.)
Downstream point/station elevation =  2910.500(Ft.)
Pipe length  =   500.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    23.996(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    23.996(CFS)
Normal flow depth in pipe =   20.81(In.)
Flow top width inside pipe =   27.66(In.)
Critical Depth =   20.02(In.)
Pipe flow velocity =      6.60(Ft/s)
Travel time through pipe =    1.26 min.
Time of concentration (TC) =    11.32 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       60.000 to Point/Station       70.000
**** SUBAREA FLOW ADDITION ****
```

```
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    11.32 min.
Rainfall intensity =      3.471(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     20.684(CFS) for    7.290(Ac.)
Total runoff =     44.680(CFS)
Effective area this stream =       14.41(Ac.)
Total Study Area (Main Stream No. 1) =       32.47(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------
Upstream point/station elevation =  2910.500(Ft.)
Downstream point/station elevation =  2907.060(Ft.)
Pipe length  =   688.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    44.680(CFS)
Nearest computed pipe diameter  =     36.00(In.)
Calculated individual pipe flow  =    44.680(CFS)
Normal flow depth in pipe =   27.94(In.)
Flow top width inside pipe =   30.02(In.)
Critical Depth =   26.13(In.)
Pipe flow velocity =      7.59(Ft/s)
Travel time through pipe =    1.51 min.
Time of concentration (TC) =    12.83 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** SUBAREA FLOW ADDITION ****
------------------------------------------------------------------------
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
```

```
Time of concentration =    12.83 min.
Rainfall intensity =      3.180(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     38.625(CFS) for   14.940(Ac.)
Total runoff =     83.304(CFS)
Effective area this stream =       29.35(Ac.)
Total Study Area (Main Stream No. 1) =       47.41(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       70.000 to Point/Station       80.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     29.350(Ac.)
Runoff from this stream =     83.304(CFS)
Time of concentration =   12.83 min.
Rainfall intensity =     3.180(In/Hr)
Area averaged loss rate (Fm) =    0.0262(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     48.57    18.060     13.85    0.026      3.014
2     83.30    29.350     12.83    0.026      3.180
Qmax(1) =
           1.000 *    1.000 *    48.571) +
           0.948 *    1.000 *    83.304) + =     127.506
Qmax(2) =
           1.055 *    0.927 *    48.571) +
           1.000 *    1.000 *    83.304) + =     130.798

Total of 2 streams to confluence:
Flow rates before confluence point:
      48.571      83.304
Maximum flow rates at confluence using above data:
      127.506      130.798
Area of streams before confluence:
       18.060       29.350
Effective area values after confluence:
       47.410       46.083
Results of confluence:
Total flow rate =    130.798(CFS)
Time of concentration =    12.829 min.
Effective stream area after confluence =     46.083(Ac.)
```

Study area average Pervious fraction(Ap) = 0.100
Study area average soil loss rate(Fm) = 0.026(In/Hr)
Study area total (this main stream) = 47.41(Ac.)
End of computations, Total Study Area = 47.41 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 69.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
100-year Developed
Area B

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 50.000 to Point/Station 15.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.026(In/Hr)
Initial subarea data:
Initial area flow distance = 613.000(Ft.)
Top (of initial area) elevation = 2922.900(Ft.)
Bottom (of initial area) elevation = 2916.800(Ft.)
Difference in elevation = 6.100(Ft.)
Slope = 0.00995 s(%)= 1.00
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.961 min.
Rainfall intensity = 3.796(In/Hr) for a 100.0 year storm

```
Effective runoff coefficient used for area (Q=KCIA) is C = 0.894
Subarea runoff =     23.343(CFS)
Total initial stream area =        6.880(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       15.000 to Point/Station       25.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.220(Ft.)
Pipe length  =   517.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    23.343(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    23.343(CFS)
Normal flow depth in pipe =   20.39(In.)
Flow top width inside pipe =   28.00(In.)
Critical Depth =   19.73(In.)
Pipe flow velocity =      6.57(Ft/s)
Travel time through pipe =    1.31 min.
Time of concentration (TC) =    11.27 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       15.000 to Point/Station       25.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    11.27 min.
Rainfall intensity =      3.481(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     19.317(CFS) for    6.840(Ac.)
Total runoff =     42.660(CFS)
Effective area this stream =       13.72(Ac.)
Total Study Area (Main Stream No. 1) =       13.72(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       25.000 to Point/Station       35.000
```

**** PIPEFLOW TRAVEL TIME (Program estimated size) ****

Upstream point/station elevation = 2911.220(Ft.)
Downstream point/station elevation = 2907.880(Ft.)
Pipe length = 668.00(Ft.) Manning's N = 0.013
No. of pipes = 1 Required pipe flow = 42.660(CFS)
Nearest computed pipe diameter = 36.00(In.)
Calculated individual pipe flow = 42.660(CFS)
Normal flow depth in pipe = 26.81(In.)
Flow top width inside pipe = 31.39(In.)
Critical Depth = 25.51(In.)
Pipe flow velocity = 7.56(Ft/s)
Travel time through pipe = 1.47 min.
Time of concentration (TC) = 12.75 min.

++

Process from Point/Station 25.000 to Point/Station 35.000
**** SUBAREA FLOW ADDITION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2) = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.026(In/Hr)
Time of concentration = 12.75 min.
Rainfall intensity = 3.194(In/Hr) for a 100.0 year storm
Effective runoff coefficient used for area,(total area with modified rational method)(Q=KCIA) is C = 0.893
Subarea runoff = 24.913(CFS) for 9.980(Ac.)
Total runoff = 67.573(CFS)
Effective area this stream = 23.70(Ac.)
Total Study Area (Main Stream No. 1) = 23.70(Ac.)
Area averaged Fm value = 0.026(In/Hr)

++

Process from Point/Station 25.000 to Point/Station 35.000
**** CONFLUENCE OF MINOR STREAMS ****

Along Main Stream number: 1 in normal stream number 1
Stream flow area = 23.700(Ac.)
Runoff from this stream = 67.573(CFS)
Time of concentration = 12.75 min.
Rainfall intensity = 3.194(In/Hr)
Area averaged loss rate (Fm) = 0.0262(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       50.000 to Point/Station       45.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Initial subarea data:
Initial area flow distance =   629.000(Ft.)
Top (of initial area) elevation =  2922.900(Ft.)
Bottom (of initial area) elevation =  2916.800(Ft.)
Difference in elevation =     6.100(Ft.)
Slope =    0.00970  s(%)=       0.97
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   10.116 min.
Rainfall intensity =      3.755(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.894
Subarea runoff =     24.634(CFS)
Total initial stream area =        7.340(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       45.000 to Point/Station       55.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =  2913.800(Ft.)
Downstream point/station elevation =  2911.290(Ft.)
Pipe length  =   503.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    24.634(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    24.634(CFS)
Normal flow depth in pipe =   21.23(In.)
Flow top width inside pipe =   27.29(In.)
Critical Depth =   20.27(In.)
Pipe flow velocity =      6.63(Ft/s)
Travel time through pipe =    1.27 min.
Time of concentration (TC) =    11.38 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       45.000 to Point/Station       55.000
```

```
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    11.38 min.
Rainfall intensity =      3.458(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     15.763(CFS) for    5.740(Ac.)
Total runoff =     40.397(CFS)
Effective area this stream =       13.08(Ac.)
Total Study Area (Main Stream No. 1) =       36.78(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       55.000 to Point/Station       65.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =  2911.290(Ft.)
Downstream point/station elevation =  2908.930(Ft.)
Pipe length  =   472.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    40.397(CFS)
Nearest computed pipe diameter  =     36.00(In.)
Calculated individual pipe flow  =    40.397(CFS)
Normal flow depth in pipe =   25.64(In.)
Flow top width inside pipe =   32.60(In.)
Critical Depth =   24.83(In.)
Pipe flow velocity =      7.50(Ft/s)
Travel time through pipe =    1.05 min.
Time of concentration (TC) =    12.43 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       55.000 to Point/Station       65.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
```

```
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    12.43 min.
Rainfall intensity =      3.251(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =      8.447(CFS) for    3.750(Ac.)
Total runoff =     48.844(CFS)
Effective area this stream =       16.83(Ac.)
Total Study Area (Main Stream No. 1) =       40.53(Ac.)
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       65.000 to Point/Station       75.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2908.930(Ft.)
Downstream point/station elevation =  2908.040(Ft.)
Pipe length  =   179.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    48.844(CFS)
Nearest computed pipe diameter  =     39.00(In.)
Calculated individual pipe flow  =    48.844(CFS)
Normal flow depth in pipe =   27.33(In.)
Flow top width inside pipe =   35.72(In.)
Critical Depth =   26.78(In.)
Pipe flow velocity =      7.86(Ft/s)
Travel time through pipe =    0.38 min.
Time of concentration (TC) =    12.81 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       65.000 to Point/Station       75.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.026(In/Hr)
Time of concentration =    12.81 min.
Rainfall intensity =      3.183(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.893
Subarea runoff =     20.255(CFS) for    7.490(Ac.)
Total runoff =     69.099(CFS)
Effective area this stream =       24.32(Ac.)
Total Study Area (Main Stream No. 1) =       48.02(Ac.)
```

```
Area averaged Fm value =    0.026(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       75.000 to Point/Station       85.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2908.040(Ft.)
Downstream point/station elevation =  2904.090(Ft.)
Pipe length  =   791.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    69.099(CFS)
Nearest computed pipe diameter  =     42.00(In.)
Calculated individual pipe flow  =    69.099(CFS)
Normal flow depth in pipe =   33.38(In.)
Flow top width inside pipe =   33.93(In.)
Critical Depth =   31.27(In.)
Pipe flow velocity =      8.42(Ft/s)
Travel time through pipe =    1.57 min.
Time of concentration (TC) =    14.38 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       75.000 to Point/Station       85.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     24.320(Ac.)
Runoff from this stream =     69.099(CFS)
Time of concentration =   14.38 min.
Rainfall intensity =     2.936(In/Hr)
Area averaged loss rate (Fm) =    0.0262(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     67.57    23.700     12.75    0.026      3.194
2     69.10    24.320     14.38    0.026      2.936
Qmax(1) =
           1.000 *    1.000 *    67.573) +
           1.089 *    0.887 *    69.099) + =     134.272
Qmax(2) =
           0.919 *    1.000 *    67.573) +
           1.000 *    1.000 *    69.099) + =     131.171

Total of 2 streams to confluence:
Flow rates before confluence point:
      67.573      69.099
```

```
Maximum flow rates at confluence using above data:
      134.272      131.171
Area of streams before confluence:
       23.700       24.320
Effective area values after confluence:
       45.264       48.020
Results of confluence:
Total flow rate =    134.272(CFS)
Time of concentration =    12.747 min.
Effective stream area after confluence =     45.264(Ac.)
Study area average Pervious fraction(Ap) =  0.100
Study area average soil loss rate(Fm) =    0.026(In/Hr)
Study area total (this main stream) =      48.02(Ac.)
End of computations, Total Study Area =           48.02 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number =  69.0
```

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
100-year Developed
Area C

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 100.000 to Point/Station 101.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2) = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.056(In/Hr)
Initial subarea data:
Initial area flow distance = 546.000(Ft.)
Top (of initial area) elevation = 2968.000(Ft.)
Bottom (of initial area) elevation = 2962.030(Ft.)
Difference in elevation = 5.970(Ft.)
Slope = 0.01093 s(%)= 1.09
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 9.332 min.
Rainfall intensity = 3.973(In/Hr) for a 100.0 year storm

```
Effective runoff coefficient used for area (Q=KCIA) is C = 0.887
Subarea runoff =     17.626(CFS)
Total initial stream area =        5.000(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.056(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      101.000 to Point/Station      102.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2956.900(Ft.)
Pipe length  =   415.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    17.626(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    17.626(CFS)
Normal flow depth in pipe =   18.28(In.)
Flow top width inside pipe =   25.25(In.)
Critical Depth =   17.61(In.)
Pipe flow velocity =      6.16(Ft/s)
Travel time through pipe =    1.12 min.
Time of concentration (TC) =    10.46 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      101.000 to Point/Station      102.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.056(In/Hr)
Time of concentration =    10.46 min.
Rainfall intensity =      3.669(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.886
Subarea runoff =     14.436(CFS) for    4.860(Ac.)
Total runoff =     32.061(CFS)
Effective area this stream =        9.86(Ac.)
Total Study Area (Main Stream No. 1) =        9.86(Ac.)
Area averaged Fm value =    0.056(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
```

```
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =  2956.900(Ft.)
Downstream point/station elevation =  2953.500(Ft.)
Pipe length  =   673.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    32.061(CFS)
Nearest computed pipe diameter  =     33.00(In.)
Calculated individual pipe flow  =    32.061(CFS)
Normal flow depth in pipe =   23.44(In.)
Flow top width inside pipe =   29.94(In.)
Critical Depth =   22.61(In.)
Pipe flow velocity =      7.11(Ft/s)
Travel time through pipe =    1.58 min.
Time of concentration (TC) =    12.03 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.056(In/Hr)
Time of concentration =    12.03 min.
Rainfall intensity =      3.325(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.885
Subarea runoff =     14.749(CFS) for    6.050(Ac.)
Total runoff =     46.810(CFS)
Effective area this stream =       15.91(Ac.)
Total Study Area (Main Stream No. 1) =       15.91(Ac.)
Area averaged Fm value =    0.056(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
Soil classification AP and SCS  values input by user
USER INPUT of soil data for subarea
SCS curve number for soil(AMC 2)  = 69.00
Adjusted SCS curve number for AMC 3 = 86.20
Pervious ratio(Ap) = 0.9000     Max loss rate(Fm)=     0.235(In/Hr)
Time of concentration =    12.03 min.
Rainfall intensity =      3.325(In/Hr) for a   100.0 year storm
```

```
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.876
Subarea runoff =     10.290(CFS) for    3.700(Ac.)
Total runoff =     57.100(CFS)
Effective area this stream =       19.61(Ac.)
Total Study Area (Main Stream No. 1) =       19.61(Ac.)
Area averaged Fm value =    0.090(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     19.610(Ac.)
Runoff from this stream =     57.100(CFS)
Time of concentration =   12.03 min.
Rainfall intensity =     3.325(In/Hr)
Area averaged loss rate (Fm) =    0.0901(In/Hr)
Area averaged Pervious ratio (Ap) = 0.2509


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      100.000 to Point/Station      104.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.056(In/Hr)
Initial subarea data:
Initial area flow distance =   570.000(Ft.)
Top (of initial area) elevation =  2968.000(Ft.)
Bottom (of initial area) elevation =  2962.140(Ft.)
Difference in elevation =     5.860(Ft.)
Slope =    0.01028  s(%)=       1.03
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.612 min.
Rainfall intensity =      3.892(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.887
Subarea runoff =     25.061(CFS)
Total initial stream area =        7.260(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.056(In/Hr)
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      104.000 to Point/Station      105.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  2959.100(Ft.)
Downstream point/station elevation =  2957.300(Ft.)
Pipe length  =   365.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    25.061(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    25.061(CFS)
Normal flow depth in pipe =   21.66(In.)
Flow top width inside pipe =   26.88(In.)
Critical Depth =   20.46(In.)
Pipe flow velocity =      6.61(Ft/s)
Travel time through pipe =    0.92 min.
Time of concentration (TC) =    10.53 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      104.000 to Point/Station      105.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.056(In/Hr)
Time of concentration =    10.53 min.
Rainfall intensity =      3.651(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.886
Subarea runoff =     22.200(CFS) for    7.350(Ac.)
Total runoff =     47.261(CFS)
Effective area this stream =       14.61(Ac.)
Total Study Area (Main Stream No. 1) =       34.22(Ac.)
Area averaged Fm value =    0.056(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  2957.300(Ft.)
Downstream point/station elevation =  2952.600(Ft.)
Pipe length  =   945.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    47.261(CFS)
Nearest computed pipe diameter  =     39.00(In.)
```

```
Calculated individual pipe flow  =    47.261(CFS)
Normal flow depth in pipe =   26.67(In.)
Flow top width inside pipe =   36.27(In.)
Critical Depth =   26.29(In.)
Pipe flow velocity =      7.82(Ft/s)
Travel time through pipe =    2.01 min.
Time of concentration (TC) =    12.55 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.600
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.200
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 48.00
Adjusted SCS curve number for AMC 3 = 68.00
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.056(In/Hr)
Time of concentration =    12.55 min.
Rainfall intensity =      3.230(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.884
Subarea runoff =      6.889(CFS) for    4.350(Ac.)
Total runoff =     54.150(CFS)
Effective area this stream =       18.96(Ac.)
Total Study Area (Main Stream No. 1) =       38.57(Ac.)
Area averaged Fm value =    0.056(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     18.960(Ac.)
Runoff from this stream =     54.150(CFS)
Time of concentration =   12.55 min.
Rainfall intensity =     3.230(In/Hr)
Area averaged loss rate (Fm) =    0.0563(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     57.10    19.610     12.03    0.090      3.325
```

```
2     54.15    18.960     12.55    0.056      3.230
Qmax(1) =
           1.000 *    1.000 *    57.100) +
           1.030 *    0.959 *    54.150) + =     110.604
Qmax(2) =
           0.970 *    1.000 *    57.100) +
           1.000 *    1.000 *    54.150) + =     109.561

Total of 2 streams to confluence:
Flow rates before confluence point:
      57.100      54.150
Maximum flow rates at confluence using above data:
      110.604      109.561
Area of streams before confluence:
       19.610       18.960
Effective area values after confluence:
       37.795       38.570
Results of confluence:
Total flow rate =    110.604(CFS)
Time of concentration =    12.034 min.
Effective stream area after confluence =     37.795(Ac.)
Study area average Pervious fraction(Ap) =  0.177
Study area average soil loss rate(Fm) =    0.073(In/Hr)
Study area total (this main stream) =      38.57(Ac.)
End of computations, Total Study Area =           38.57 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.177
Area averaged SCS curve number =  50.0
```

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2014 Version 9.0
Rational Hydrology Study Date: 08/02/22

IEN
10-year Developed
Area D

Program License Serial Number 6385

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

Rational hydrology study storm event year is 100.0
Computed rainfall intensity:
Storm year = 100.00 1 hour rainfall = 1.080 (In.)
Slope used for rainfall intensity curve b = 0.7000
Soil antecedent moisture condition (AMC) = 3

++

Process from Point/Station 100.000 to Point/Station 107.000
**** INITIAL AREA EVALUATION ****

COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2) = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
Pervious ratio(Ap) = 0.1000 Max loss rate(Fm)= 0.051(In/Hr)
Initial subarea data:
Initial area flow distance = 461.000(Ft.)
Top (of initial area) elevation = 2968.000(Ft.)
Bottom (of initial area) elevation = 2962.030(Ft.)
Difference in elevation = 5.970(Ft.)
Slope = 0.01295 s(%)= 1.30
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 8.431 min.
Rainfall intensity = 4.266(In/Hr) for a 100.0 year storm

```
Effective runoff coefficient used for area (Q=KCIA) is C = 0.889
Subarea runoff =     16.730(CFS)
Total initial stream area =        4.410(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      107.000 to Point/Station      108.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2957.000(Ft.)
Pipe length  =   403.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    16.730(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    16.730(CFS)
Normal flow depth in pipe =   17.72(In.)
Flow top width inside pipe =   25.65(In.)
Critical Depth =   17.13(In.)
Pipe flow velocity =      6.05(Ft/s)
Travel time through pipe =    1.11 min.
Time of concentration (TC) =     9.54 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      107.000 to Point/Station      108.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.051(In/Hr)
Time of concentration =     9.54 min.
Rainfall intensity =      3.912(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.888
Subarea runoff =     14.685(CFS) for    4.630(Ac.)
Total runoff =     31.415(CFS)
Effective area this stream =        9.04(Ac.)
Total Study Area (Main Stream No. 1) =        9.04(Ac.)
Area averaged Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
```

```
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =  2957.000(Ft.)
Downstream point/station elevation =  2952.230(Ft.)
Pipe length  =   955.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    31.415(CFS)
Nearest computed pipe diameter  =     33.00(In.)
Calculated individual pipe flow  =    31.415(CFS)
Normal flow depth in pipe =   23.16(In.)
Flow top width inside pipe =   30.20(In.)
Critical Depth =   22.38(In.)
Pipe flow velocity =      7.05(Ft/s)
Travel time through pipe =    2.26 min.
Time of concentration (TC) =    11.80 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.051(In/Hr)
Time of concentration =    11.80 min.
Rainfall intensity =      3.372(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.886
Subarea runoff =      5.556(CFS) for    3.330(Ac.)
Total runoff =     36.972(CFS)
Effective area this stream =       12.37(Ac.)
Total Study Area (Main Stream No. 1) =       12.37(Ac.)
Area averaged Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      108.000 to Point/Station      109.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     12.370(Ac.)
Runoff from this stream =     36.972(CFS)
Time of concentration =   11.80 min.
Rainfall intensity =     3.372(In/Hr)
Area averaged loss rate (Fm) =    0.0506(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      100.000 to Point/Station      110.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.051(In/Hr)
Initial subarea data:
Initial area flow distance =   455.000(Ft.)
Top (of initial area) elevation =  2968.000(Ft.)
Bottom (of initial area) elevation =  2962.130(Ft.)
Difference in elevation =     5.870(Ft.)
Slope =    0.01290  s(%)=       1.29
TC = k(0.304)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    8.394 min.
Rainfall intensity =      4.279(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.889
Subarea runoff =     23.558(CFS)
Total initial stream area =        6.190(Ac.)
Pervious area fraction = 0.100
Initial area Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      110.000 to Point/Station      111.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =  2959.000(Ft.)
Downstream point/station elevation =  2957.200(Ft.)
Pipe length  =   365.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    23.558(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    23.558(CFS)
Normal flow depth in pipe =   20.63(In.)
Flow top width inside pipe =   27.81(In.)
Critical Depth =   19.83(In.)
Pipe flow velocity =      6.54(Ft/s)
Travel time through pipe =    0.93 min.
Time of concentration (TC) =     9.32 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      110.000 to Point/Station      111.000
```

```
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.051(In/Hr)
Time of concentration =     9.32 min.
Rainfall intensity =      3.976(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.889
Subarea runoff =     28.021(CFS) for    8.410(Ac.)
Total runoff =     51.578(CFS)
Effective area this stream =       14.60(Ac.)
Total Study Area (Main Stream No. 1) =       26.97(Ac.)
Area averaged Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =  2957.200(Ft.)
Downstream point/station elevation =  2954.100(Ft.)
Pipe length  =   630.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    51.578(CFS)
Nearest computed pipe diameter  =     39.00(In.)
Calculated individual pipe flow  =    51.578(CFS)
Normal flow depth in pipe =   28.69(In.)
Flow top width inside pipe =   34.40(In.)
Critical Depth =   27.51(In.)
Pipe flow velocity =      7.89(Ft/s)
Travel time through pipe =    1.33 min.
Time of concentration (TC) =    10.65 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Decimal fraction soil group A = 0.500
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.300
Decimal fraction soil group D = 0.200
SCS curve number for soil(AMC 2)  = 51.70
Adjusted SCS curve number for AMC 3 = 71.70
```

```
Pervious ratio(Ap) = 0.1000     Max loss rate(Fm)=     0.051(In/Hr)
Time of concentration =    10.65 min.
Rainfall intensity =      3.621(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area,(total area with modified
rational method)(Q=KCIA) is C = 0.887
Subarea runoff =     29.375(CFS) for   10.590(Ac.)
Total runoff =     80.954(CFS)
Effective area this stream =       25.19(Ac.)
Total Study Area (Main Stream No. 1) =       37.56(Ac.)
Area averaged Fm value =    0.051(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      111.000 to Point/Station      112.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     25.190(Ac.)
Runoff from this stream =     80.954(CFS)
Time of concentration =   10.65 min.
Rainfall intensity =     3.621(In/Hr)
Area averaged loss rate (Fm) =    0.0506(In/Hr)
Area averaged Pervious ratio (Ap) = 0.1000
Summary of stream data:

Stream Flow rate    Area    TC     Fm       Rainfall Intensity
 No.    (CFS)   (Ac.)       (min) (In/Hr)     (In/Hr)


1     36.97    12.370     11.80    0.051      3.372
2     80.95    25.190     10.65    0.051      3.621
Qmax(1) =
           1.000 *    1.000 *    36.972) +
           0.930 *    1.000 *    80.954) + =     112.260
Qmax(2) =
           1.075 *    0.903 *    36.972) +
           1.000 *    1.000 *    80.954) + =     116.847

Total of 2 streams to confluence:
Flow rates before confluence point:
      36.972      80.954
Maximum flow rates at confluence using above data:
      112.260      116.847
Area of streams before confluence:
       12.370       25.190
Effective area values after confluence:
       37.560       36.359
Results of confluence:
Total flow rate =    116.847(CFS)
Time of concentration =    10.654 min.
```

Effective stream area after confluence = 36.359(Ac.)
Study area average Pervious fraction(Ap) = 0.100
Study area average soil loss rate(Fm) = 0.051(In/Hr)
Study area total (this main stream) = 37.56(Ac.)
End of computations, Total Study Area = 37.56 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.
Note: These figures do not consider reduced effective area
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 0.100
Area averaged SCS curve number = 51.7

APPENDIX 'D'

Unit Hydrograph Method Analysis

Entire site, existing and developed Unit Hydrograph
- 10-year existing
- 100-year existing
- 10-year developed
- 100-year developed

Developed Unit Hydrograph by Area
- 10-year developed Areas A-D
- 100-year developed Areas A-D

Unit Hydrograph Analysis

Unit Hydrograph

Area ID	TC (hour)	Qp10 (cfs)	Volume10 (Ac ft)	Qp100 (cfs)	Volume100 (Ac ft)
Area A	0.12	252.9	6.8491	553.8	32.1453
Developed					
Area A-D		299.2	25.6714*	542.47	45.0234*
Difference		**46.3**	**18.7773** (817,939 CF)**	**11.3**	**12.8691* (560,578 CF)**

* Tentative values for Developed for initial design consideration and to compare with Developed, 10year below. This initial value uses only HSG C, whereas the areas in the table below used HSG A, C, and D which are estimated off the USDA soils information for the site.

**10-year volume difference is larger than 100-year, therefore 10-year prevails as to volume mitigation.

Unit Hydrograph by Area

Developed, 10-year

Area ID	TC (hour)	Qp (cfs)	Qp (cfs) after basin routing	Volume (Ac ft)	Volume (CF)
Area A	0.22087	62.17	20.2	6.9477	302,642
Area B	0.2196	62.89	20.1	7.0372	306,540
Area C	0.208	49.79	13.2	5.6539	246,280
Area D	0.184	54.05	10.2	5.5083	239,942
Total		**228.9**	**67.7**	**25.1522**	**1,095,404**

Take difference in 10-year volume=817,939 cf divided by site acreage = 171.56 ac= 4,768 cf/acre.

Area	Acreage	Minimum Volume by acre (cf)
A	47.41	226,051
B	48.02	228,960
C	38.57	183,902
D	37.56	179,086
Total	**171.56**	**817,999 > 817,939 provided ok**

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/07/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IENLC
10-year existing
on-site

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
171.56	1	0.61
Rainfall data for year 10		
171.56	6	1.24
Rainfall data for year 10		
171.56	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	171.56	1.000	0.548	1.000	0.548

Area-averaged adjusted loss rate Fm (In/Hr) = 0.548

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
171.56	1.000	69.0	69.0	4.49	0.124

Area-averaged catchment yield fraction, Y = 0.124
Area-averaged low loss fraction, Yb = 0.876
User entry of time of concentration = 0.120 (hours)
++
Watershed area = 171.56(Ac.)
Catchment Lag time = 0.096 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 87.1688
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.548(In/Hr)
Average low loss rate fraction (Yb) = 0.876 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 171.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.992 Adjusted rainfall = 0.287(In)
30-minute factor = 0.992 Adjusted rainfall = 0.491(In)
1-hour factor = 0.992 Adjusted rainfall = 0.604(In)
3-hour factor = 0.999 Adjusted rainfall = 0.941(In)
6-hour factor = 0.999 Adjusted rainfall = 1.239(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++
Interval 'S' Graph Unit Hydrograph

Number	Mean values	((CFS))
	(K = 2074.80 (CFS))	
1	13.019	270.127
2	61.403	1003.856
3	80.329	392.689
4	88.806	175.876
5	93.470	96.766
6	96.332	59.379
7	97.934	33.240
8	98.945	20.986
9	100.000	10.493

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2867	0.2867
2	0.3529	0.0663
3	0.3986	0.0456
4	0.4345	0.0359
5	0.4646	0.0301
6	0.4907	0.0261
7	0.5139	0.0232
8	0.5349	0.0210
9	0.5542	0.0192
10	0.5719	0.0178
11	0.5885	0.0166
12	0.6041	0.0156
13	0.6239	0.0198
14	0.6428	0.0189
15	0.6610	0.0181
16	0.6784	0.0174
17	0.6952	0.0168
18	0.7114	0.0162
19	0.7271	0.0157
20	0.7423	0.0152
21	0.7570	0.0147
22	0.7714	0.0143
23	0.7853	0.0140
24	0.7989	0.0136
25	0.8122	0.0133
26	0.8251	0.0129
27	0.8378	0.0127
28	0.8502	0.0124
29	0.8623	0.0121
30	0.8742	0.0119
31	0.8858	0.0116
32	0.8972	0.0114
33	0.9084	0.0112
34	0.9194	0.0110

35	0.9302	0.0108
36	0.9408	0.0106
37	0.9511	0.0103
38	0.9613	0.0101
39	0.9713	0.0100
40	0.9811	0.0098
41	0.9908	0.0097
42	1.0003	0.0095
43	1.0097	0.0094
44	1.0190	0.0093
45	1.0281	0.0091
46	1.0371	0.0090
47	1.0460	0.0089
48	1.0548	0.0088
49	1.0635	0.0087
50	1.0721	0.0086
51	1.0806	0.0085
52	1.0889	0.0084
53	1.0972	0.0083
54	1.1054	0.0082
55	1.1135	0.0081
56	1.1215	0.0080
57	1.1294	0.0079
58	1.1373	0.0078
59	1.1450	0.0078
60	1.1527	0.0077
61	1.1603	0.0076
62	1.1678	0.0075
63	1.1753	0.0075
64	1.1826	0.0074
65	1.1900	0.0073
66	1.1972	0.0072
67	1.2044	0.0072
68	1.2115	0.0071
69	1.2185	0.0071
70	1.2255	0.0070
71	1.2325	0.0069
72	1.2393	0.0069
73	1.2460	0.0067
74	1.2527	0.0066
75	1.2592	0.0066
76	1.2658	0.0065
77	1.2723	0.0065
78	1.2787	0.0064
79	1.2851	0.0064
80	1.2914	0.0063
81	1.2977	0.0063
82	1.3039	0.0062
83	1.3101	0.0062
84	1.3162	0.0061

85	1.3223	0.0061
86	1.3284	0.0061
87	1.3344	0.0060
88	1.3404	0.0060
89	1.3463	0.0059
90	1.3522	0.0059
91	1.3580	0.0058
92	1.3638	0.0058
93	1.3696	0.0058
94	1.3753	0.0057
95	1.3810	0.0057
96	1.3867	0.0057
97	1.3923	0.0056
98	1.3979	0.0056
99	1.4034	0.0056
100	1.4090	0.0055
101	1.4144	0.0055
102	1.4199	0.0055
103	1.4253	0.0054
104	1.4307	0.0054
105	1.4361	0.0054
106	1.4414	0.0053
107	1.4467	0.0053
108	1.4519	0.0053
109	1.4572	0.0052
110	1.4624	0.0052
111	1.4676	0.0052
112	1.4727	0.0051
113	1.4778	0.0051
114	1.4829	0.0051
115	1.4880	0.0051
116	1.4930	0.0050
117	1.4980	0.0050
118	1.5030	0.0050
119	1.5080	0.0050
120	1.5129	0.0049
121	1.5178	0.0049
122	1.5227	0.0049
123	1.5276	0.0049
124	1.5324	0.0048
125	1.5372	0.0048
126	1.5420	0.0048
127	1.5468	0.0048
128	1.5515	0.0047
129	1.5563	0.0047
130	1.5610	0.0047
131	1.5656	0.0047
132	1.5703	0.0047
133	1.5749	0.0046
134	1.5795	0.0046

135	1.5841	0.0046
136	1.5887	0.0046
137	1.5933	0.0046
138	1.5978	0.0045
139	1.6023	0.0045
140	1.6068	0.0045
141	1.6113	0.0045
142	1.6157	0.0045
143	1.6202	0.0044
144	1.6246	0.0044
145	1.6290	0.0044
146	1.6333	0.0044
147	1.6377	0.0044
148	1.6420	0.0043
149	1.6464	0.0043
150	1.6507	0.0043
151	1.6550	0.0043
152	1.6592	0.0043
153	1.6635	0.0043
154	1.6677	0.0042
155	1.6719	0.0042
156	1.6761	0.0042
157	1.6803	0.0042
158	1.6845	0.0042
159	1.6887	0.0042
160	1.6928	0.0041
161	1.6969	0.0041
162	1.7010	0.0041
163	1.7051	0.0041
164	1.7092	0.0041
165	1.7133	0.0041
166	1.7173	0.0040
167	1.7213	0.0040
168	1.7254	0.0040
169	1.7294	0.0040
170	1.7334	0.0040
171	1.7373	0.0040
172	1.7413	0.0040
173	1.7452	0.0039
174	1.7492	0.0039
175	1.7531	0.0039
176	1.7570	0.0039
177	1.7609	0.0039
178	1.7648	0.0039
179	1.7686	0.0039
180	1.7725	0.0039
181	1.7763	0.0038
182	1.7801	0.0038
183	1.7840	0.0038
184	1.7878	0.0038

185	1.7915	0.0038
186	1.7953	0.0038
187	1.7991	0.0038
188	1.8028	0.0038
189	1.8066	0.0037
190	1.8103	0.0037
191	1.8140	0.0037
192	1.8177	0.0037
193	1.8214	0.0037
194	1.8251	0.0037
195	1.8287	0.0037
196	1.8324	0.0037
197	1.8361	0.0036
198	1.8397	0.0036
199	1.8433	0.0036
200	1.8469	0.0036
201	1.8505	0.0036
202	1.8541	0.0036
203	1.8577	0.0036
204	1.8613	0.0036
205	1.8648	0.0036
206	1.8684	0.0035
207	1.8719	0.0035
208	1.8754	0.0035
209	1.8789	0.0035
210	1.8824	0.0035
211	1.8859	0.0035
212	1.8894	0.0035
213	1.8929	0.0035
214	1.8964	0.0035
215	1.8998	0.0035
216	1.9033	0.0034
217	1.9067	0.0034
218	1.9101	0.0034
219	1.9135	0.0034
220	1.9170	0.0034
221	1.9203	0.0034
222	1.9237	0.0034
223	1.9271	0.0034
224	1.9305	0.0034
225	1.9338	0.0034
226	1.9372	0.0034
227	1.9405	0.0033
228	1.9439	0.0033
229	1.9472	0.0033
230	1.9505	0.0033
231	1.9538	0.0033
232	1.9571	0.0033
233	1.9604	0.0033
234	1.9637	0.0033

235	1.9670	0.0033
236	1.9702	0.0033
237	1.9735	0.0033
238	1.9767	0.0032
239	1.9800	0.0032
240	1.9832	0.0032
241	1.9864	0.0032
242	1.9896	0.0032
243	1.9928	0.0032
244	1.9960	0.0032
245	1.9992	0.0032
246	2.0024	0.0032
247	2.0056	0.0032
248	2.0088	0.0032
249	2.0119	0.0032
250	2.0151	0.0032
251	2.0182	0.0031
252	2.0213	0.0031
253	2.0245	0.0031
254	2.0276	0.0031
255	2.0307	0.0031
256	2.0338	0.0031
257	2.0369	0.0031
258	2.0400	0.0031
259	2.0431	0.0031
260	2.0462	0.0031
261	2.0492	0.0031
262	2.0523	0.0031
263	2.0554	0.0031
264	2.0584	0.0030
265	2.0614	0.0030
266	2.0645	0.0030
267	2.0675	0.0030
268	2.0705	0.0030
269	2.0735	0.0030
270	2.0765	0.0030
271	2.0795	0.0030
272	2.0825	0.0030
273	2.0855	0.0030
274	2.0885	0.0030
275	2.0915	0.0030
276	2.0944	0.0030
277	2.0974	0.0030
278	2.1004	0.0030
279	2.1033	0.0029
280	2.1062	0.0029
281	2.1092	0.0029
282	2.1121	0.0029
283	2.1150	0.0029
284	2.1179	0.0029

285	2.1209	0.0029
286	2.1238	0.0029
287	2.1267	0.0029
288	2.1295	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0025	0.0004
2	0.0029	0.0025	0.0004
3	0.0029	0.0025	0.0004
4	0.0029	0.0026	0.0004
5	0.0029	0.0026	0.0004
6	0.0029	0.0026	0.0004
7	0.0029	0.0026	0.0004
8	0.0030	0.0026	0.0004
9	0.0030	0.0026	0.0004
10	0.0030	0.0026	0.0004
11	0.0030	0.0026	0.0004
12	0.0030	0.0026	0.0004
13	0.0030	0.0026	0.0004
14	0.0030	0.0026	0.0004
15	0.0030	0.0027	0.0004
16	0.0030	0.0027	0.0004
17	0.0030	0.0027	0.0004
18	0.0031	0.0027	0.0004
19	0.0031	0.0027	0.0004
20	0.0031	0.0027	0.0004
21	0.0031	0.0027	0.0004
22	0.0031	0.0027	0.0004
23	0.0031	0.0027	0.0004
24	0.0031	0.0027	0.0004
25	0.0031	0.0027	0.0004
26	0.0031	0.0028	0.0004
27	0.0032	0.0028	0.0004
28	0.0032	0.0028	0.0004
29	0.0032	0.0028	0.0004
30	0.0032	0.0028	0.0004
31	0.0032	0.0028	0.0004
32	0.0032	0.0028	0.0004
33	0.0032	0.0028	0.0004
34	0.0032	0.0028	0.0004
35	0.0033	0.0029	0.0004
36	0.0033	0.0029	0.0004
37	0.0033	0.0029	0.0004
38	0.0033	0.0029	0.0004
39	0.0033	0.0029	0.0004
40	0.0033	0.0029	0.0004
41	0.0033	0.0029	0.0004

42	0.0033	0.0029	0.0004
43	0.0034	0.0029	0.0004
44	0.0034	0.0030	0.0004
45	0.0034	0.0030	0.0004
46	0.0034	0.0030	0.0004
47	0.0034	0.0030	0.0004
48	0.0034	0.0030	0.0004
49	0.0034	0.0030	0.0004
50	0.0035	0.0030	0.0004
51	0.0035	0.0030	0.0004
52	0.0035	0.0031	0.0004
53	0.0035	0.0031	0.0004
54	0.0035	0.0031	0.0004
55	0.0035	0.0031	0.0004
56	0.0035	0.0031	0.0004
57	0.0036	0.0031	0.0004
58	0.0036	0.0031	0.0004
59	0.0036	0.0032	0.0004
60	0.0036	0.0032	0.0004
61	0.0036	0.0032	0.0005
62	0.0036	0.0032	0.0005
63	0.0037	0.0032	0.0005
64	0.0037	0.0032	0.0005
65	0.0037	0.0032	0.0005
66	0.0037	0.0033	0.0005
67	0.0037	0.0033	0.0005
68	0.0038	0.0033	0.0005
69	0.0038	0.0033	0.0005
70	0.0038	0.0033	0.0005
71	0.0038	0.0033	0.0005
72	0.0038	0.0033	0.0005
73	0.0039	0.0034	0.0005
74	0.0039	0.0034	0.0005
75	0.0039	0.0034	0.0005
76	0.0039	0.0034	0.0005
77	0.0039	0.0034	0.0005
78	0.0039	0.0035	0.0005
79	0.0040	0.0035	0.0005
80	0.0040	0.0035	0.0005
81	0.0040	0.0035	0.0005
82	0.0040	0.0035	0.0005
83	0.0041	0.0036	0.0005
84	0.0041	0.0036	0.0005
85	0.0041	0.0036	0.0005
86	0.0041	0.0036	0.0005
87	0.0042	0.0036	0.0005
88	0.0042	0.0037	0.0005
89	0.0042	0.0037	0.0005
90	0.0042	0.0037	0.0005
91	0.0043	0.0037	0.0005

92	0.0043	0.0037	0.0005
93	0.0043	0.0038	0.0005
94	0.0043	0.0038	0.0005
95	0.0044	0.0038	0.0005
96	0.0044	0.0038	0.0005
97	0.0044	0.0039	0.0005
98	0.0044	0.0039	0.0006
99	0.0045	0.0039	0.0006
100	0.0045	0.0039	0.0006
101	0.0045	0.0040	0.0006
102	0.0046	0.0040	0.0006
103	0.0046	0.0040	0.0006
104	0.0046	0.0040	0.0006
105	0.0047	0.0041	0.0006
106	0.0047	0.0041	0.0006
107	0.0047	0.0041	0.0006
108	0.0047	0.0042	0.0006
109	0.0048	0.0042	0.0006
110	0.0048	0.0042	0.0006
111	0.0049	0.0043	0.0006
112	0.0049	0.0043	0.0006
113	0.0049	0.0043	0.0006
114	0.0050	0.0043	0.0006
115	0.0050	0.0044	0.0006
116	0.0050	0.0044	0.0006
117	0.0051	0.0045	0.0006
118	0.0051	0.0045	0.0006
119	0.0052	0.0045	0.0006
120	0.0052	0.0046	0.0006
121	0.0053	0.0046	0.0007
122	0.0053	0.0046	0.0007
123	0.0054	0.0047	0.0007
124	0.0054	0.0047	0.0007
125	0.0055	0.0048	0.0007
126	0.0055	0.0048	0.0007
127	0.0056	0.0049	0.0007
128	0.0056	0.0049	0.0007
129	0.0057	0.0050	0.0007
130	0.0057	0.0050	0.0007
131	0.0058	0.0051	0.0007
132	0.0058	0.0051	0.0007
133	0.0059	0.0052	0.0007
134	0.0059	0.0052	0.0007
135	0.0060	0.0053	0.0007
136	0.0061	0.0053	0.0008
137	0.0061	0.0054	0.0008
138	0.0062	0.0054	0.0008
139	0.0063	0.0055	0.0008
140	0.0063	0.0055	0.0008
141	0.0064	0.0056	0.0008

142	0.0065	0.0057	0.0008
143	0.0066	0.0058	0.0008
144	0.0066	0.0058	0.0008
145	0.0069	0.0060	0.0009
146	0.0069	0.0061	0.0009
147	0.0071	0.0062	0.0009
148	0.0071	0.0062	0.0009
149	0.0072	0.0063	0.0009
150	0.0073	0.0064	0.0009
151	0.0075	0.0065	0.0009
152	0.0075	0.0066	0.0009
153	0.0077	0.0067	0.0010
154	0.0078	0.0068	0.0010
155	0.0079	0.0069	0.0010
156	0.0080	0.0070	0.0010
157	0.0082	0.0072	0.0010
158	0.0083	0.0072	0.0010
159	0.0085	0.0074	0.0011
160	0.0086	0.0075	0.0011
161	0.0088	0.0077	0.0011
162	0.0089	0.0078	0.0011
163	0.0091	0.0080	0.0011
164	0.0093	0.0081	0.0012
165	0.0095	0.0084	0.0012
166	0.0097	0.0085	0.0012
167	0.0100	0.0087	0.0012
168	0.0101	0.0089	0.0013
169	0.0106	0.0093	0.0013
170	0.0108	0.0095	0.0013
171	0.0112	0.0098	0.0014
172	0.0114	0.0100	0.0014
173	0.0119	0.0104	0.0015
174	0.0121	0.0106	0.0015
175	0.0127	0.0111	0.0016
176	0.0129	0.0113	0.0016
177	0.0136	0.0119	0.0017
178	0.0140	0.0122	0.0017
179	0.0147	0.0129	0.0018
180	0.0152	0.0133	0.0019
181	0.0162	0.0142	0.0020
182	0.0168	0.0147	0.0021
183	0.0181	0.0159	0.0023
184	0.0189	0.0166	0.0024
185	0.0156	0.0136	0.0019
186	0.0166	0.0145	0.0021
187	0.0192	0.0168	0.0024
188	0.0210	0.0184	0.0026
189	0.0261	0.0229	0.0032
190	0.0301	0.0263	0.0037
191	0.0456	0.0400	0.0057

192	0.0663	0.0457	0.0206
193	0.2867	0.0457	0.2410
194	0.0359	0.0315	0.0045
195	0.0232	0.0203	0.0029
196	0.0178	0.0156	0.0022
197	0.0198	0.0174	0.0025
198	0.0174	0.0153	0.0022
199	0.0157	0.0137	0.0020
200	0.0143	0.0126	0.0018
201	0.0133	0.0116	0.0016
202	0.0124	0.0108	0.0015
203	0.0116	0.0102	0.0014
204	0.0110	0.0096	0.0014
205	0.0103	0.0090	0.0013
206	0.0098	0.0086	0.0012
207	0.0094	0.0082	0.0012
208	0.0090	0.0079	0.0011
209	0.0087	0.0076	0.0011
210	0.0084	0.0073	0.0010
211	0.0081	0.0071	0.0010
212	0.0078	0.0069	0.0010
213	0.0076	0.0067	0.0009
214	0.0074	0.0065	0.0009
215	0.0072	0.0063	0.0009
216	0.0070	0.0061	0.0009
217	0.0067	0.0059	0.0008
218	0.0065	0.0057	0.0008
219	0.0064	0.0056	0.0008
220	0.0062	0.0055	0.0008
221	0.0061	0.0053	0.0008
222	0.0060	0.0052	0.0007
223	0.0058	0.0051	0.0007
224	0.0057	0.0050	0.0007
225	0.0056	0.0049	0.0007
226	0.0055	0.0048	0.0007
227	0.0054	0.0047	0.0007
228	0.0053	0.0047	0.0007
229	0.0052	0.0046	0.0007
230	0.0051	0.0045	0.0006
231	0.0051	0.0044	0.0006
232	0.0050	0.0044	0.0006
233	0.0049	0.0043	0.0006
234	0.0048	0.0042	0.0006
235	0.0048	0.0042	0.0006
236	0.0047	0.0041	0.0006
237	0.0046	0.0041	0.0006
238	0.0046	0.0040	0.0006
239	0.0045	0.0040	0.0006
240	0.0045	0.0039	0.0006
241	0.0044	0.0038	0.0005

242	0.0043	0.0038	0.0005
243	0.0043	0.0038	0.0005
244	0.0042	0.0037	0.0005
245	0.0042	0.0037	0.0005
246	0.0041	0.0036	0.0005
247	0.0041	0.0036	0.0005
248	0.0040	0.0035	0.0005
249	0.0040	0.0035	0.0005
250	0.0040	0.0035	0.0005
251	0.0039	0.0034	0.0005
252	0.0039	0.0034	0.0005
253	0.0038	0.0034	0.0005
254	0.0038	0.0033	0.0005
255	0.0038	0.0033	0.0005
256	0.0037	0.0033	0.0005
257	0.0037	0.0032	0.0005
258	0.0037	0.0032	0.0005
259	0.0036	0.0032	0.0005
260	0.0036	0.0031	0.0004
261	0.0036	0.0031	0.0004
262	0.0035	0.0031	0.0004
263	0.0035	0.0031	0.0004
264	0.0035	0.0030	0.0004
265	0.0034	0.0030	0.0004
266	0.0034	0.0030	0.0004
267	0.0034	0.0030	0.0004
268	0.0034	0.0029	0.0004
269	0.0033	0.0029	0.0004
270	0.0033	0.0029	0.0004
271	0.0033	0.0029	0.0004
272	0.0032	0.0028	0.0004
273	0.0032	0.0028	0.0004
274	0.0032	0.0028	0.0004
275	0.0032	0.0028	0.0004
276	0.0032	0.0028	0.0004
277	0.0031	0.0027	0.0004
278	0.0031	0.0027	0.0004
279	0.0031	0.0027	0.0004
280	0.0031	0.0027	0.0004
281	0.0030	0.0027	0.0004
282	0.0030	0.0026	0.0004
283	0.0030	0.0026	0.0004
284	0.0030	0.0026	0.0004
285	0.0030	0.0026	0.0004
286	0.0029	0.0026	0.0004
287	0.0029	0.0026	0.0004
288	0.0029	0.0025	0.0004

Total soil rain loss = 1.65(In)

Total effective rainfall = 0.48(In)
Peak flow rate in flood hydrograph = 252.93(CFS)

++

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

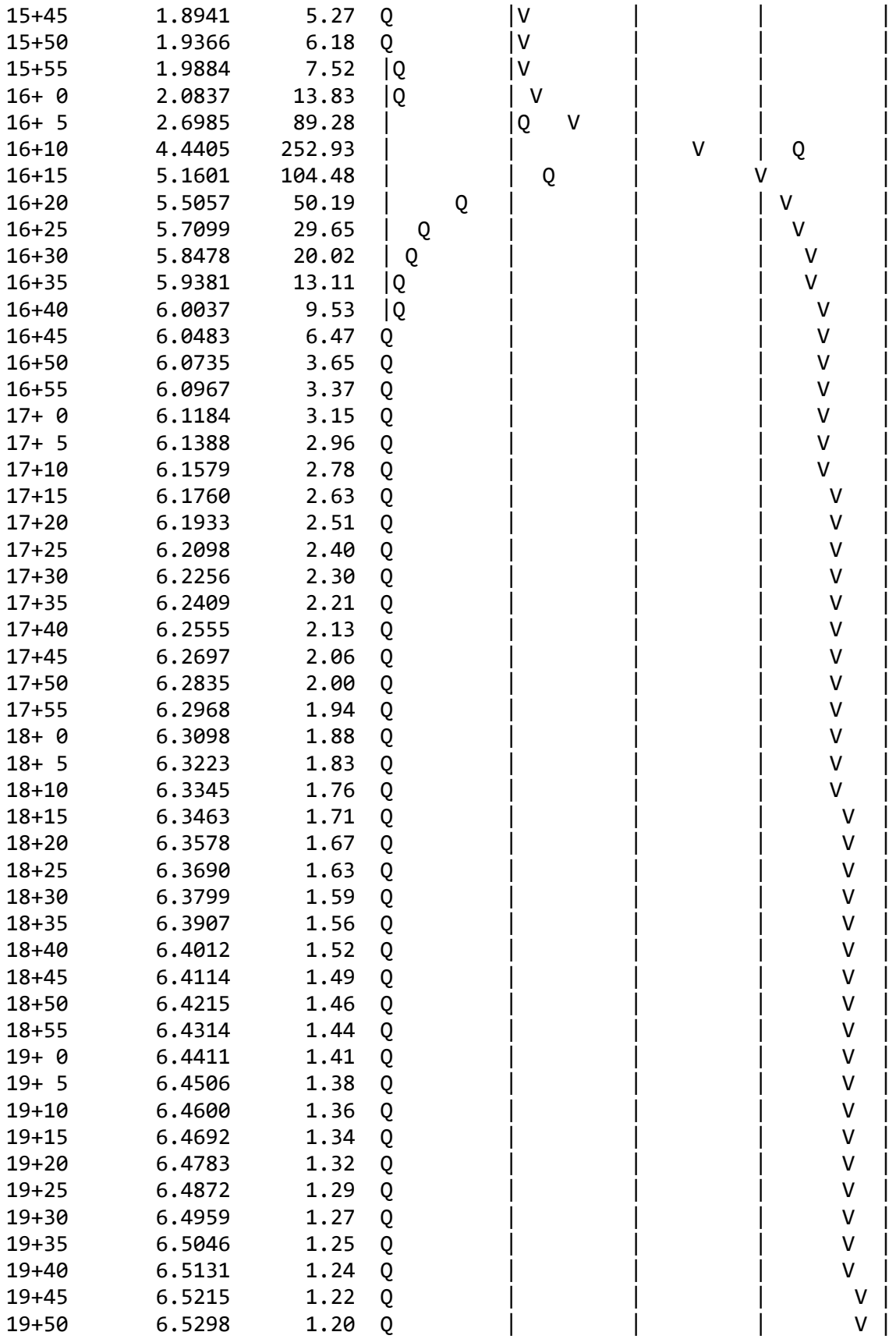
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	75.0	150.0	225.0	300.0
0+ 5	0.0007	0.10	Q				
0+10	0.0038	0.46	Q				
0+15	0.0080	0.60	Q				
0+20	0.0125	0.67	Q				
0+25	0.0174	0.70	Q				
0+30	0.0224	0.73	Q				
0+35	0.0275	0.74	Q				
0+40	0.0327	0.75	Q				
0+45	0.0379	0.76	Q				
0+50	0.0431	0.76	Q				
0+55	0.0483	0.76	Q				
1+ 0	0.0536	0.76	Q				
1+ 5	0.0589	0.77	Q				
1+10	0.0642	0.77	Q				
1+15	0.0695	0.77	Q				
1+20	0.0748	0.77	Q				
1+25	0.0802	0.78	Q				
1+30	0.0856	0.78	Q				
1+35	0.0910	0.78	Q				
1+40	0.0964	0.79	Q				
1+45	0.1018	0.79	Q				
1+50	0.1072	0.79	Q				
1+55	0.1127	0.79	Q				
2+ 0	0.1182	0.80	Q				
2+ 5	0.1237	0.80	Q				
2+10	0.1292	0.80	Q				
2+15	0.1348	0.81	Q				
2+20	0.1403	0.81	Q				
2+25	0.1459	0.81	Q				
2+30	0.1515	0.81	Q				
2+35	0.1572	0.82	Q				
2+40	0.1628	0.82	Q				
2+45	0.1685	0.82	Q				
2+50	0.1742	0.83	QV				
2+55	0.1799	0.83	QV				
3+ 0	0.1856	0.83	QV				
3+ 5	0.1914	0.84	QV				
3+10	0.1972	0.84	QV				

3+15	0.2030	0.84	QV				
3+20	0.2088	0.85	QV				
3+25	0.2147	0.85	QV				
3+30	0.2205	0.85	QV				
3+35	0.2264	0.86	QV				
3+40	0.2323	0.86	QV				
3+45	0.2383	0.86	QV				
3+50	0.2443	0.87	QV				
3+55	0.2503	0.87	QV				
4+ 0	0.2563	0.87	QV				
4+ 5	0.2623	0.88	QV				
4+10	0.2684	0.88	QV				
4+15	0.2745	0.88	QV				
4+20	0.2806	0.89	QV				
4+25	0.2867	0.89	QV				
4+30	0.2929	0.90	QV				
4+35	0.2991	0.90	QV				
4+40	0.3053	0.90	QV				
4+45	0.3116	0.91	QV				
4+50	0.3179	0.91	QV				
4+55	0.3242	0.92	QV				
5+ 0	0.3305	0.92	QV				
5+ 5	0.3369	0.92	QV				
5+10	0.3433	0.93	Q V				
5+15	0.3497	0.93	Q V				
5+20	0.3562	0.94	Q V				
5+25	0.3627	0.94	Q V				
5+30	0.3692	0.95	Q V				
5+35	0.3757	0.95	Q V				
5+40	0.3823	0.96	Q V				
5+45	0.3889	0.96	Q V				
5+50	0.3956	0.97	Q V				
5+55	0.4023	0.97	Q V				
6+ 0	0.4090	0.97	Q V				
6+ 5	0.4157	0.98	Q V				
6+10	0.4225	0.98	Q V				
6+15	0.4293	0.99	Q V				
6+20	0.4362	0.99	Q V				
6+25	0.4431	1.00	Q V				
6+30	0.4500	1.01	Q V				
6+35	0.4569	1.01	Q V				
6+40	0.4639	1.02	Q V				
6+45	0.4710	1.02	Q V				
6+50	0.4780	1.03	Q V				
6+55	0.4851	1.03	Q V				
7+ 0	0.4923	1.04	Q V				
7+ 5	0.4995	1.04	Q V				
7+10	0.5067	1.05	Q V				
7+15	0.5140	1.06	Q V				
7+20	0.5213	1.06	Q V				

7+25	0.5286	1.07	Q	V				
7+30	0.5360	1.07	Q	V				
7+35	0.5435	1.08	Q	V				
7+40	0.5509	1.09	Q	V				
7+45	0.5585	1.09	Q	V				
7+50	0.5660	1.10	Q	V				
7+55	0.5737	1.11	Q	V				
8+ 0	0.5813	1.11	Q	V				
8+ 5	0.5890	1.12	Q	V				
8+10	0.5968	1.13	Q	V				
8+15	0.6046	1.13	Q	V				
8+20	0.6125	1.14	Q	V				
8+25	0.6204	1.15	Q	V				
8+30	0.6284	1.16	Q	V				
8+35	0.6364	1.16	Q	V				
8+40	0.6445	1.17	Q	V				
8+45	0.6526	1.18	Q	V				
8+50	0.6608	1.19	Q	V				
8+55	0.6690	1.20	Q	V				
9+ 0	0.6773	1.21	Q	V				
9+ 5	0.6857	1.21	Q	V				
9+10	0.6941	1.22	Q	V				
9+15	0.7026	1.23	Q	V				
9+20	0.7111	1.24	Q	V				
9+25	0.7197	1.25	Q	V				
9+30	0.7284	1.26	Q	V				
9+35	0.7371	1.27	Q	V				
9+40	0.7459	1.28	Q	V				
9+45	0.7548	1.29	Q	V				
9+50	0.7637	1.30	Q	V				
9+55	0.7728	1.31	Q	V				
10+ 0	0.7818	1.32	Q	V				
10+ 5	0.7910	1.33	Q	V				
10+10	0.8003	1.34	Q	V				
10+15	0.8096	1.35	Q	V				
10+20	0.8190	1.37	Q	V				
10+25	0.8285	1.38	Q	V				
10+30	0.8380	1.39	Q	V				
10+35	0.8477	1.40	Q	V				
10+40	0.8574	1.42	Q	V				
10+45	0.8672	1.43	Q	V				
10+50	0.8772	1.44	Q	V				
10+55	0.8872	1.45	Q	V				
11+ 0	0.8973	1.47	Q	V				
11+ 5	0.9075	1.48	Q	V				
11+10	0.9179	1.50	Q	V				
11+15	0.9283	1.51	Q	V				
11+20	0.9388	1.53	Q	V				
11+25	0.9495	1.55	Q	V				
11+30	0.9602	1.56	Q	V				

11+35	0.9711	1.58	Q	V	|	|	|	|
11+40	0.9821	1.60	Q	V	|	|	|	|
11+45	0.9932	1.61	Q	V	|	|	|	|
11+50	1.0045	1.63	Q	V	|	|	|	|
11+55	1.0159	1.65	Q	V	|	|	|	|
12+ 0	1.0274	1.67	Q	V	|	|	|	|
12+ 5	1.0391	1.70	Q	V	|	|	|	|
12+10	1.0510	1.74	Q	V	|	|	|	|
12+15	1.0632	1.76	Q	V	|	|	|	|
12+20	1.0755	1.79	Q	V	|	|	|	|
12+25	1.0880	1.81	Q	V	|	|	|	|
12+30	1.1006	1.84	Q	V	|	|	|	|
12+35	1.1134	1.86	Q	V	|	|	|	|
12+40	1.1265	1.89	Q	V	|	|	|	|
12+45	1.1397	1.92	Q	V	|	|	|	|
12+50	1.1531	1.95	Q	V	|	|	|	|
12+55	1.1667	1.98	Q	V	|	|	|	|
13+ 0	1.1805	2.01	Q	V	|	|	|	|
13+ 5	1.1946	2.04	Q	V	|	|	|	|
13+10	1.2089	2.07	Q	V	|	|	|	|
13+15	1.2234	2.11	Q	V	|	|	|	|
13+20	1.2381	2.15	Q	V	|	|	|	|
13+25	1.2532	2.18	Q	V	|	|	|	|
13+30	1.2685	2.23	Q	V	|	|	|	|
13+35	1.2841	2.26	Q	V	|	|	|	|
13+40	1.3000	2.31	Q	V	|	|	|	|
13+45	1.3162	2.36	Q	V	|	|	|	|
13+50	1.3328	2.41	Q	V	|	|	|	|
13+55	1.3498	2.46	Q	V	|	|	|	|
14+ 0	1.3671	2.52	Q	V	|	|	|	|
14+ 5	1.3848	2.58	Q	V	|	|	|	|
14+10	1.4032	2.66	Q	V	|	|	|	|
14+15	1.4220	2.73	Q	V	|	|	|	|
14+20	1.4414	2.82	Q	V	|	|	|	|
14+25	1.4613	2.89	Q	V	|	|	|	|
14+30	1.4818	2.98	Q	V	|	|	|	|
14+35	1.5030	3.07	Q	V	|	|	|	|
14+40	1.5248	3.17	Q	V	|	|	|	|
14+45	1.5473	3.27	Q	V	|	|	|	|
14+50	1.5707	3.40	Q	V	|	|	|	|
14+55	1.5950	3.52	Q	V	|	|	|	|
15+ 0	1.6203	3.68	Q	V	|	|	|	|
15+ 5	1.6467	3.83	Q	V	|	|	|	|
15+10	1.6744	4.02	Q	V	|	|	|	|
15+15	1.7034	4.22	Q	V	|	|	|	|
15+20	1.7342	4.48	Q	V	|	|	|	|
15+25	1.7657	4.56	Q	V	|	|	|	|
15+30	1.7950	4.26	Q	V	|	|	|	|
15+35	1.8250	4.36	Q	V	|	|	|	|
15+40	1.8578	4.75	Q	V	|	|	|	|


15+45 1.8941 5.27
15+50 1.9366 6.18
15+55 1.9884 7.52
16+ 0 2.0837 13.83
16+ 5 2.6985 89.28
16+10 4.4405 252.93
16+15 5.1601 104.48
16+20 5.5057 50.19
16+25 5.7099 29.65
16+30 5.8478 20.02
16+35 5.9381 13.11
16+40 6.0037 9.53
16+45 6.0483 6.47
16+50 6.0735 3.65
16+55 6.0967 3.37
17+ 0 6.1184 3.15
17+ 5 6.1388 2.96
17+10 6.1579 2.78
17+15 6.1760 2.63
17+20 6.1933 2.51
17+25 6.2098 2.40
17+30 6.2256 2.30
17+35 6.2409 2.21
17+40 6.2555 2.13
17+45 6.2697 2.06
17+50 6.2835 2.00
17+55 6.2968 1.94
18+ 0 6.3098 1.88
18+ 5 6.3223 1.83
18+10 6.3345 1.76
18+15 6.3463 1.71
18+20 6.3578 1.67
18+25 6.3690 1.63
18+30 6.3799 1.59
18+35 6.3907 1.56
18+40 6.4012 1.52
18+45 6.4114 1.49
18+50 6.4215 1.46
18+55 6.4314 1.44
19+ 0 6.4411 1.41
19+ 5 6.4506 1.38
19+10 6.4600 1.36
19+15 6.4692 1.34
19+20 6.4783 1.32
19+25 6.4872 1.29
19+30 6.4959 1.27
19+35 6.5046 1.25
19+40 6.5131 1.24
19+45 6.5215 1.22
19+50 6.5298 1.20

19+55	6.5379	1.18	Q	|	|	|	V |
20+ 0	6.5460	1.17	Q	|	|	|	V |
20+ 5	6.5539	1.15	Q	|	|	|	V |
20+10	6.5618	1.14	Q	|	|	|	V |
20+15	6.5695	1.12	Q	|	|	|	V |
20+20	6.5771	1.11	Q	|	|	|	V |
20+25	6.5847	1.10	Q	|	|	|	V |
20+30	6.5922	1.08	Q	|	|	|	V |
20+35	6.5995	1.07	Q	|	|	|	V |
20+40	6.6068	1.06	Q	|	|	|	V |
20+45	6.6140	1.05	Q	|	|	|	V |
20+50	6.6212	1.04	Q	|	|	|	V |
20+55	6.6282	1.02	Q	|	|	|	V |
21+ 0	6.6352	1.01	Q	|	|	|	V |
21+ 5	6.6421	1.00	Q	|	|	|	V |
21+10	6.6489	0.99	Q	|	|	|	V |
21+15	6.6557	0.98	Q	|	|	|	V |
21+20	6.6624	0.97	Q	|	|	|	V |
21+25	6.6690	0.96	Q	|	|	|	V |
21+30	6.6756	0.95	Q	|	|	|	V |
21+35	6.6821	0.94	Q	|	|	|	V |
21+40	6.6885	0.94	Q	|	|	|	V|
21+45	6.6949	0.93	Q	|	|	|	V|
21+50	6.7012	0.92	Q	|	|	|	V|
21+55	6.7075	0.91	Q	|	|	|	V|
22+ 0	6.7137	0.90	Q	|	|	|	V|
22+ 5	6.7199	0.89	Q	|	|	|	V|
22+10	6.7260	0.89	Q	|	|	|	V|
22+15	6.7321	0.88	Q	|	|	|	V|
22+20	6.7381	0.87	Q	|	|	|	V|
22+25	6.7440	0.86	Q	|	|	|	V|
22+30	6.7499	0.86	Q	|	|	|	V|
22+35	6.7558	0.85	Q	|	|	|	V|
22+40	6.7616	0.84	Q	|	|	|	V|
22+45	6.7674	0.84	Q	|	|	|	V|
22+50	6.7731	0.83	Q	|	|	|	V|
22+55	6.7788	0.83	Q	|	|	|	V|
23+ 0	6.7844	0.82	Q	|	|	|	V|
23+ 5	6.7900	0.81	Q	|	|	|	V|
23+10	6.7956	0.81	Q	|	|	|	V|
23+15	6.8011	0.80	Q	|	|	|	V|
23+20	6.8066	0.80	Q	|	|	|	V|
23+25	6.8120	0.79	Q	|	|	|	V|
23+30	6.8174	0.78	Q	|	|	|	V|
23+35	6.8228	0.78	Q	|	|	|	V|
23+40	6.8281	0.77	Q	|	|	|	V|
23+45	6.8334	0.77	Q	|	|	|	V|
23+50	6.8386	0.76	Q	|	|	|	V|
23+55	6.8439	0.76	Q	|	|	|	V|
24+ 0	6.8491	0.75	Q	|	|	|	V|

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/07/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IENLC
100-yr existing condition

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
171.56	1	1.08
Rainfall data for year 100		
171.56	6	2.04
Rainfall data for year 100		
171.56	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	171.56	1.000	0.262	1.000	0.262

Area-averaged adjusted loss rate Fm (In/Hr) = 0.262

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
171.56	1.000	69.0	86.2	1.60	0.598

Area-averaged catchment yield fraction, Y = 0.598
Area-averaged low loss fraction, Yb = 0.402
User entry of time of concentration = 0.120 (hours)
++
Watershed area = 171.56(Ac.)
Catchment Lag time = 0.096 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 87.1688
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.262(In/Hr)
Average low loss rate fraction (Yb) = 0.402 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 171.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.992 Adjusted rainfall = 0.508(In)
30-minute factor = 0.992 Adjusted rainfall = 0.870(In)
1-hour factor = 0.992 Adjusted rainfall = 1.071(In)
3-hour factor = 0.999 Adjusted rainfall = 1.593(In)
6-hour factor = 0.999 Adjusted rainfall = 2.039(In)
24-hour factor = 1.000 Adjusted rainfall = 3.419(In)

U n i t H y d r o g r a p h
++
Interval 'S' Graph Unit Hydrograph

Number	Mean values	((CFS))
	(K = 2074.80 (CFS))	
1	13.019	270.127
2	61.403	1003.856
3	80.329	392.689
4	88.806	175.876
5	93.470	96.766
6	96.332	59.379
7	97.934	33.240
8	98.945	20.986
9	100.000	10.493

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5083	0.5083
2	0.6259	0.1175
3	0.7068	0.0810
4	0.7705	0.0637
5	0.8239	0.0533
6	0.8702	0.0463
7	0.9114	0.0412
8	0.9486	0.0372
9	0.9827	0.0341
10	1.0143	0.0316
11	1.0437	0.0294
12	1.0713	0.0276
13	1.1028	0.0314
14	1.1327	0.0299
15	1.1613	0.0286
16	1.1887	0.0274
17	1.2150	0.0263
18	1.2404	0.0254
19	1.2648	0.0245
20	1.2885	0.0237
21	1.3114	0.0229
22	1.3337	0.0222
23	1.3553	0.0216
24	1.3763	0.0210
25	1.3967	0.0205
26	1.4167	0.0199
27	1.4361	0.0195
28	1.4551	0.0190
29	1.4737	0.0186
30	1.4918	0.0182
31	1.5096	0.0178
32	1.5270	0.0174
33	1.5441	0.0171
34	1.5609	0.0167

35	1.5773	0.0164
36	1.5934	0.0161
37	1.6090	0.0156
38	1.6244	0.0153
39	1.6395	0.0151
40	1.6543	0.0148
41	1.6689	0.0146
42	1.6832	0.0144
43	1.6974	0.0141
44	1.7113	0.0139
45	1.7251	0.0137
46	1.7386	0.0135
47	1.7519	0.0133
48	1.7651	0.0132
49	1.7781	0.0130
50	1.7909	0.0128
51	1.8036	0.0127
52	1.8161	0.0125
53	1.8284	0.0123
54	1.8406	0.0122
55	1.8527	0.0121
56	1.8646	0.0119
57	1.8764	0.0118
58	1.8880	0.0116
59	1.8995	0.0115
60	1.9109	0.0114
61	1.9222	0.0113
62	1.9333	0.0111
63	1.9443	0.0110
64	1.9553	0.0109
65	1.9661	0.0108
66	1.9768	0.0107
67	1.9874	0.0106
68	1.9979	0.0105
69	2.0083	0.0104
70	2.0186	0.0103
71	2.0288	0.0102
72	2.0389	0.0101
73	2.0494	0.0105
74	2.0598	0.0104
75	2.0702	0.0103
76	2.0804	0.0103
77	2.0906	0.0102
78	2.1007	0.0101
79	2.1107	0.0100
80	2.1206	0.0099
81	2.1305	0.0098
82	2.1402	0.0098
83	2.1499	0.0097
84	2.1596	0.0096

85	2.1691	0.0096
86	2.1786	0.0095
87	2.1880	0.0094
88	2.1974	0.0093
89	2.2066	0.0093
90	2.2158	0.0092
91	2.2250	0.0092
92	2.2341	0.0091
93	2.2431	0.0090
94	2.2521	0.0090
95	2.2610	0.0089
96	2.2698	0.0088
97	2.2786	0.0088
98	2.2873	0.0087
99	2.2960	0.0087
100	2.3046	0.0086
101	2.3132	0.0086
102	2.3217	0.0085
103	2.3302	0.0085
104	2.3386	0.0084
105	2.3470	0.0084
106	2.3553	0.0083
107	2.3635	0.0083
108	2.3718	0.0082
109	2.3799	0.0082
110	2.3880	0.0081
111	2.3961	0.0081
112	2.4041	0.0080
113	2.4121	0.0080
114	2.4201	0.0079
115	2.4280	0.0079
116	2.4358	0.0079
117	2.4436	0.0078
118	2.4514	0.0078
119	2.4591	0.0077
120	2.4668	0.0077
121	2.4745	0.0076
122	2.4821	0.0076
123	2.4896	0.0076
124	2.4972	0.0075
125	2.5046	0.0075
126	2.5121	0.0075
127	2.5195	0.0074
128	2.5269	0.0074
129	2.5342	0.0073
130	2.5416	0.0073
131	2.5488	0.0073
132	2.5561	0.0072
133	2.5633	0.0072
134	2.5704	0.0072

135	2.5776	0.0071
136	2.5847	0.0071
137	2.5918	0.0071
138	2.5988	0.0070
139	2.6058	0.0070
140	2.6128	0.0070
141	2.6197	0.0069
142	2.6266	0.0069
143	2.6335	0.0069
144	2.6404	0.0069
145	2.6472	0.0068
146	2.6540	0.0068
147	2.6608	0.0068
148	2.6675	0.0067
149	2.6742	0.0067
150	2.6809	0.0067
151	2.6875	0.0067
152	2.6942	0.0066
153	2.7007	0.0066
154	2.7073	0.0066
155	2.7139	0.0065
156	2.7204	0.0065
157	2.7269	0.0065
158	2.7333	0.0065
159	2.7398	0.0064
160	2.7462	0.0064
161	2.7526	0.0064
162	2.7589	0.0064
163	2.7653	0.0063
164	2.7716	0.0063
165	2.7779	0.0063
166	2.7842	0.0063
167	2.7904	0.0062
168	2.7966	0.0062
169	2.8028	0.0062
170	2.8090	0.0062
171	2.8151	0.0062
172	2.8213	0.0061
173	2.8274	0.0061
174	2.8335	0.0061
175	2.8395	0.0061
176	2.8456	0.0060
177	2.8516	0.0060
178	2.8576	0.0060
179	2.8636	0.0060
180	2.8695	0.0060
181	2.8754	0.0059
182	2.8814	0.0059
183	2.8873	0.0059
184	2.8931	0.0059

185	2.8990	0.0059
186	2.9048	0.0058
187	2.9106	0.0058
188	2.9164	0.0058
189	2.9222	0.0058
190	2.9280	0.0058
191	2.9337	0.0057
192	2.9394	0.0057
193	2.9451	0.0057
194	2.9508	0.0057
195	2.9565	0.0057
196	2.9621	0.0056
197	2.9677	0.0056
198	2.9733	0.0056
199	2.9789	0.0056
200	2.9845	0.0056
201	2.9901	0.0056
202	2.9956	0.0055
203	3.0011	0.0055
204	3.0066	0.0055
205	3.0121	0.0055
206	3.0176	0.0055
207	3.0230	0.0055
208	3.0285	0.0054
209	3.0339	0.0054
210	3.0393	0.0054
211	3.0447	0.0054
212	3.0501	0.0054
213	3.0554	0.0054
214	3.0608	0.0053
215	3.0661	0.0053
216	3.0714	0.0053
217	3.0767	0.0053
218	3.0820	0.0053
219	3.0872	0.0053
220	3.0925	0.0052
221	3.0977	0.0052
222	3.1030	0.0052
223	3.1082	0.0052
224	3.1134	0.0052
225	3.1185	0.0052
226	3.1237	0.0052
227	3.1288	0.0051
228	3.1340	0.0051
229	3.1391	0.0051
230	3.1442	0.0051
231	3.1493	0.0051
232	3.1544	0.0051
233	3.1594	0.0051
234	3.1645	0.0051

235	3.1695	0.0050
236	3.1745	0.0050
237	3.1795	0.0050
238	3.1845	0.0050
239	3.1895	0.0050
240	3.1945	0.0050
241	3.1995	0.0050
242	3.2044	0.0049
243	3.2093	0.0049
244	3.2143	0.0049
245	3.2192	0.0049
246	3.2241	0.0049
247	3.2289	0.0049
248	3.2338	0.0049
249	3.2387	0.0049
250	3.2435	0.0048
251	3.2483	0.0048
252	3.2532	0.0048
253	3.2580	0.0048
254	3.2628	0.0048
255	3.2675	0.0048
256	3.2723	0.0048
257	3.2771	0.0048
258	3.2818	0.0047
259	3.2866	0.0047
260	3.2913	0.0047
261	3.2960	0.0047
262	3.3007	0.0047
263	3.3054	0.0047
264	3.3101	0.0047
265	3.3148	0.0047
266	3.3194	0.0047
267	3.3241	0.0046
268	3.3287	0.0046
269	3.3333	0.0046
270	3.3379	0.0046
271	3.3426	0.0046
272	3.3471	0.0046
273	3.3517	0.0046
274	3.3563	0.0046
275	3.3609	0.0046
276	3.3654	0.0046
277	3.3700	0.0045
278	3.3745	0.0045
279	3.3790	0.0045
280	3.3835	0.0045
281	3.3880	0.0045
282	3.3925	0.0045
283	3.3970	0.0045
284	3.4015	0.0045

285	3.4059	0.0045	
286	3.4104	0.0045	
287	3.4148	0.0044	
288	3.4193	0.0044	

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0018	0.0026
2	0.0044	0.0018	0.0027
3	0.0045	0.0018	0.0027
4	0.0045	0.0018	0.0027
5	0.0045	0.0018	0.0027
6	0.0045	0.0018	0.0027
7	0.0045	0.0018	0.0027
8	0.0045	0.0018	0.0027
9	0.0046	0.0018	0.0027
10	0.0046	0.0018	0.0027
11	0.0046	0.0018	0.0027
12	0.0046	0.0018	0.0027
13	0.0046	0.0019	0.0028
14	0.0046	0.0019	0.0028
15	0.0046	0.0019	0.0028
16	0.0047	0.0019	0.0028
17	0.0047	0.0019	0.0028
18	0.0047	0.0019	0.0028
19	0.0047	0.0019	0.0028
20	0.0047	0.0019	0.0028
21	0.0047	0.0019	0.0028
22	0.0048	0.0019	0.0028
23	0.0048	0.0019	0.0029
24	0.0048	0.0019	0.0029
25	0.0048	0.0019	0.0029
26	0.0048	0.0019	0.0029
27	0.0049	0.0020	0.0029
28	0.0049	0.0020	0.0029
29	0.0049	0.0020	0.0029
30	0.0049	0.0020	0.0029
31	0.0049	0.0020	0.0029
32	0.0049	0.0020	0.0030
33	0.0050	0.0020	0.0030
34	0.0050	0.0020	0.0030
35	0.0050	0.0020	0.0030
36	0.0050	0.0020	0.0030
37	0.0051	0.0020	0.0030
38	0.0051	0.0020	0.0030
39	0.0051	0.0020	0.0030
40	0.0051	0.0021	0.0031
41	0.0051	0.0021	0.0031

42	0.0051	0.0021	0.0031
43	0.0052	0.0021	0.0031
44	0.0052	0.0021	0.0031
45	0.0052	0.0021	0.0031
46	0.0052	0.0021	0.0031
47	0.0053	0.0021	0.0031
48	0.0053	0.0021	0.0032
49	0.0053	0.0021	0.0032
50	0.0053	0.0021	0.0032
51	0.0054	0.0022	0.0032
52	0.0054	0.0022	0.0032
53	0.0054	0.0022	0.0032
54	0.0054	0.0022	0.0032
55	0.0055	0.0022	0.0033
56	0.0055	0.0022	0.0033
57	0.0055	0.0022	0.0033
58	0.0055	0.0022	0.0033
59	0.0056	0.0022	0.0033
60	0.0056	0.0022	0.0033
61	0.0056	0.0023	0.0034
62	0.0056	0.0023	0.0034
63	0.0057	0.0023	0.0034
64	0.0057	0.0023	0.0034
65	0.0057	0.0023	0.0034
66	0.0057	0.0023	0.0034
67	0.0058	0.0023	0.0035
68	0.0058	0.0023	0.0035
69	0.0058	0.0023	0.0035
70	0.0059	0.0024	0.0035
71	0.0059	0.0024	0.0035
72	0.0059	0.0024	0.0035
73	0.0060	0.0024	0.0036
74	0.0060	0.0024	0.0036
75	0.0060	0.0024	0.0036
76	0.0060	0.0024	0.0036
77	0.0061	0.0024	0.0036
78	0.0061	0.0025	0.0036
79	0.0062	0.0025	0.0037
80	0.0062	0.0025	0.0037
81	0.0062	0.0025	0.0037
82	0.0062	0.0025	0.0037
83	0.0063	0.0025	0.0038
84	0.0063	0.0025	0.0038
85	0.0064	0.0026	0.0038
86	0.0064	0.0026	0.0038
87	0.0064	0.0026	0.0038
88	0.0065	0.0026	0.0039
89	0.0065	0.0026	0.0039
90	0.0065	0.0026	0.0039
91	0.0066	0.0027	0.0039

92	0.0066	0.0027	0.0040
93	0.0067	0.0027	0.0040
94	0.0067	0.0027	0.0040
95	0.0068	0.0027	0.0040
96	0.0068	0.0027	0.0041
97	0.0069	0.0028	0.0041
98	0.0069	0.0028	0.0041
99	0.0069	0.0028	0.0042
100	0.0070	0.0028	0.0042
101	0.0070	0.0028	0.0042
102	0.0071	0.0028	0.0042
103	0.0071	0.0029	0.0043
104	0.0072	0.0029	0.0043
105	0.0072	0.0029	0.0043
106	0.0073	0.0029	0.0043
107	0.0073	0.0030	0.0044
108	0.0074	0.0030	0.0044
109	0.0075	0.0030	0.0045
110	0.0075	0.0030	0.0045
111	0.0076	0.0030	0.0045
112	0.0076	0.0031	0.0045
113	0.0077	0.0031	0.0046
114	0.0077	0.0031	0.0046
115	0.0078	0.0031	0.0047
116	0.0079	0.0032	0.0047
117	0.0079	0.0032	0.0047
118	0.0080	0.0032	0.0048
119	0.0081	0.0032	0.0048
120	0.0081	0.0033	0.0049
121	0.0082	0.0033	0.0049
122	0.0083	0.0033	0.0049
123	0.0084	0.0034	0.0050
124	0.0084	0.0034	0.0050
125	0.0085	0.0034	0.0051
126	0.0086	0.0034	0.0051
127	0.0087	0.0035	0.0052
128	0.0087	0.0035	0.0052
129	0.0088	0.0036	0.0053
130	0.0089	0.0036	0.0053
131	0.0090	0.0036	0.0054
132	0.0091	0.0037	0.0054
133	0.0092	0.0037	0.0055
134	0.0093	0.0037	0.0055
135	0.0094	0.0038	0.0056
136	0.0095	0.0038	0.0057
137	0.0096	0.0039	0.0058
138	0.0097	0.0039	0.0058
139	0.0098	0.0040	0.0059
140	0.0099	0.0040	0.0059
141	0.0101	0.0041	0.0060

142	0.0102	0.0041	0.0061
143	0.0103	0.0042	0.0062
144	0.0104	0.0042	0.0062
145	0.0101	0.0041	0.0060
146	0.0102	0.0041	0.0061
147	0.0104	0.0042	0.0062
148	0.0105	0.0042	0.0063
149	0.0107	0.0043	0.0064
150	0.0108	0.0043	0.0065
151	0.0110	0.0044	0.0066
152	0.0111	0.0045	0.0067
153	0.0114	0.0046	0.0068
154	0.0115	0.0046	0.0069
155	0.0118	0.0047	0.0070
156	0.0119	0.0048	0.0071
157	0.0122	0.0049	0.0073
158	0.0123	0.0050	0.0074
159	0.0127	0.0051	0.0076
160	0.0128	0.0052	0.0077
161	0.0132	0.0053	0.0079
162	0.0133	0.0054	0.0080
163	0.0137	0.0055	0.0082
164	0.0139	0.0056	0.0083
165	0.0144	0.0058	0.0086
166	0.0146	0.0059	0.0087
167	0.0151	0.0061	0.0090
168	0.0153	0.0062	0.0092
169	0.0161	0.0065	0.0096
170	0.0164	0.0066	0.0098
171	0.0171	0.0069	0.0102
172	0.0174	0.0070	0.0104
173	0.0182	0.0073	0.0109
174	0.0186	0.0075	0.0111
175	0.0195	0.0078	0.0116
176	0.0199	0.0080	0.0119
177	0.0210	0.0085	0.0126
178	0.0216	0.0087	0.0129
179	0.0229	0.0092	0.0137
180	0.0237	0.0095	0.0141
181	0.0254	0.0102	0.0152
182	0.0263	0.0106	0.0157
183	0.0286	0.0115	0.0171
184	0.0299	0.0120	0.0179
185	0.0276	0.0111	0.0165
186	0.0294	0.0118	0.0176
187	0.0341	0.0137	0.0204
188	0.0372	0.0150	0.0223
189	0.0463	0.0186	0.0277
190	0.0533	0.0215	0.0319
191	0.0810	0.0218	0.0592

192	0.1175	0.0218	0.0957
193	0.5083	0.0218	0.4866
194	0.0637	0.0218	0.0419
195	0.0412	0.0166	0.0246
196	0.0316	0.0127	0.0189
197	0.0314	0.0126	0.0188
198	0.0274	0.0110	0.0164
199	0.0245	0.0098	0.0146
200	0.0222	0.0089	0.0133
201	0.0205	0.0082	0.0122
202	0.0190	0.0076	0.0114
203	0.0178	0.0072	0.0106
204	0.0167	0.0067	0.0100
205	0.0156	0.0063	0.0093
206	0.0148	0.0060	0.0089
207	0.0141	0.0057	0.0085
208	0.0135	0.0054	0.0081
209	0.0130	0.0052	0.0078
210	0.0125	0.0050	0.0075
211	0.0121	0.0048	0.0072
212	0.0116	0.0047	0.0070
213	0.0113	0.0045	0.0067
214	0.0109	0.0044	0.0065
215	0.0106	0.0043	0.0063
216	0.0103	0.0041	0.0062
217	0.0105	0.0042	0.0063
218	0.0103	0.0041	0.0061
219	0.0100	0.0040	0.0060
220	0.0098	0.0039	0.0058
221	0.0096	0.0038	0.0057
222	0.0093	0.0038	0.0056
223	0.0092	0.0037	0.0055
224	0.0090	0.0036	0.0054
225	0.0088	0.0035	0.0053
226	0.0086	0.0035	0.0052
227	0.0085	0.0034	0.0051
228	0.0083	0.0033	0.0050
229	0.0082	0.0033	0.0049
230	0.0080	0.0032	0.0048
231	0.0079	0.0032	0.0047
232	0.0078	0.0031	0.0046
233	0.0076	0.0031	0.0046
234	0.0075	0.0030	0.0045
235	0.0074	0.0030	0.0044
236	0.0073	0.0029	0.0044
237	0.0072	0.0029	0.0043
238	0.0071	0.0029	0.0042
239	0.0070	0.0028	0.0042
240	0.0069	0.0028	0.0041
241	0.0068	0.0027	0.0041

242	0.0067	0.0027	0.0040
243	0.0067	0.0027	0.0040
244	0.0066	0.0026	0.0039
245	0.0065	0.0026	0.0039
246	0.0064	0.0026	0.0038
247	0.0063	0.0026	0.0038
248	0.0063	0.0025	0.0037
249	0.0062	0.0025	0.0037
250	0.0061	0.0025	0.0037
251	0.0061	0.0024	0.0036
252	0.0060	0.0024	0.0036
253	0.0059	0.0024	0.0035
254	0.0059	0.0024	0.0035
255	0.0058	0.0023	0.0035
256	0.0058	0.0023	0.0034
257	0.0057	0.0023	0.0034
258	0.0056	0.0023	0.0034
259	0.0056	0.0022	0.0033
260	0.0055	0.0022	0.0033
261	0.0055	0.0022	0.0033
262	0.0054	0.0022	0.0033
263	0.0054	0.0022	0.0032
264	0.0053	0.0021	0.0032
265	0.0053	0.0021	0.0032
266	0.0052	0.0021	0.0031
267	0.0052	0.0021	0.0031
268	0.0052	0.0021	0.0031
269	0.0051	0.0021	0.0031
270	0.0051	0.0020	0.0030
271	0.0050	0.0020	0.0030
272	0.0050	0.0020	0.0030
273	0.0050	0.0020	0.0030
274	0.0049	0.0020	0.0029
275	0.0049	0.0020	0.0029
276	0.0048	0.0019	0.0029
277	0.0048	0.0019	0.0029
278	0.0048	0.0019	0.0029
279	0.0047	0.0019	0.0028
280	0.0047	0.0019	0.0028
281	0.0047	0.0019	0.0028
282	0.0046	0.0019	0.0028
283	0.0046	0.0019	0.0028
284	0.0046	0.0018	0.0027
285	0.0045	0.0018	0.0027
286	0.0045	0.0018	0.0027
287	0.0045	0.0018	0.0027
288	0.0045	0.0018	0.0027

Total soil rain loss = 1.15(In)

Total effective rainfall = 2.27(In)
Peak flow rate in flood hydrograph = 553.83(CFS)

++

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

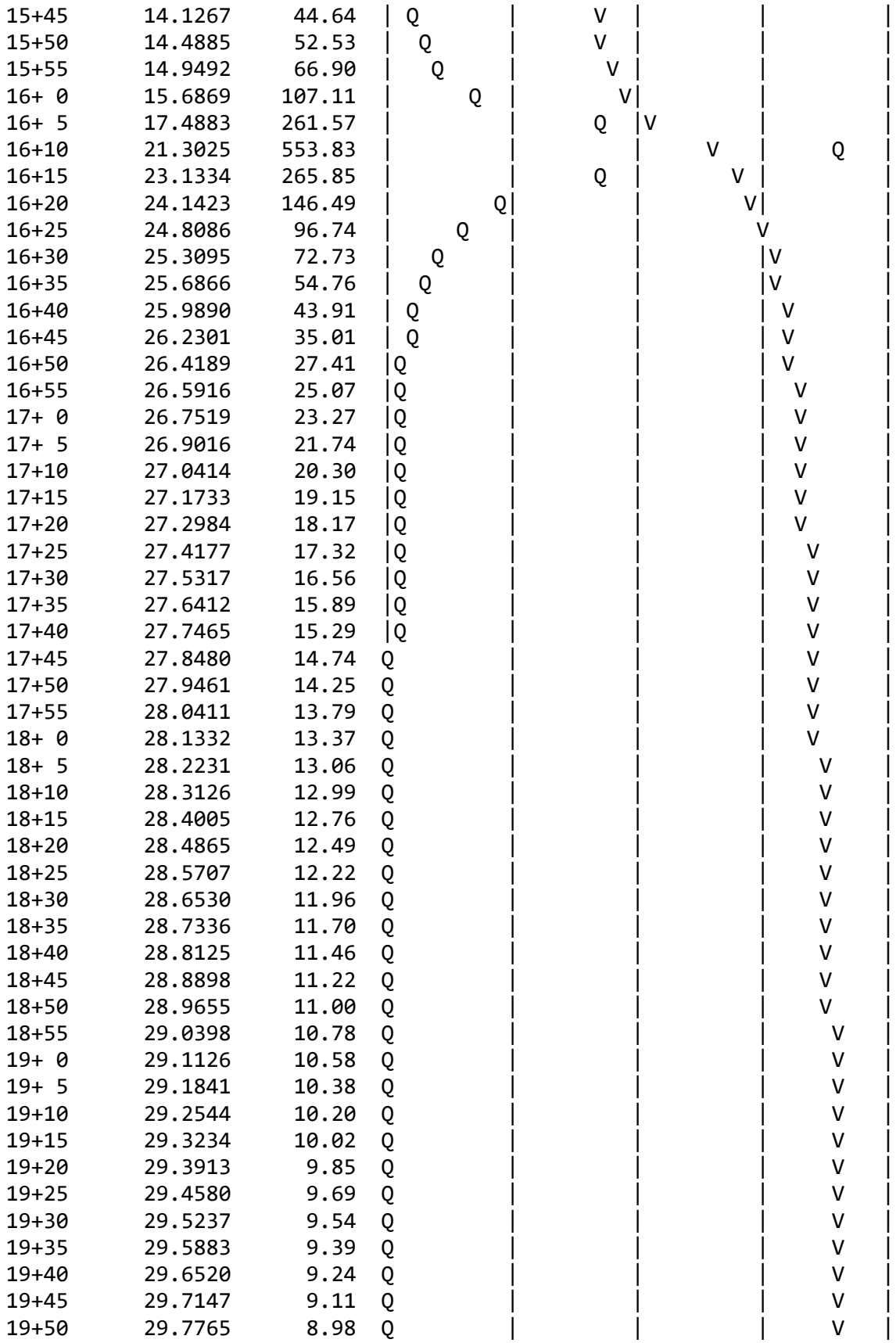
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	150.0	300.0	450.0	600.0
0+ 5	0.0049	0.72	Q				
0+10	0.0282	3.38	Q				
0+15	0.0587	4.43	Q				
0+20	0.0925	4.91	Q				
0+25	0.1281	5.18	Q				
0+30	0.1650	5.35	Q				
0+35	0.2026	5.46	Q				
0+40	0.2407	5.53	Q				
0+45	0.2792	5.58	Q				
0+50	0.3177	5.60	Q				
0+55	0.3564	5.62	Q				
1+ 0	0.3952	5.64	Q				
1+ 5	0.4342	5.66	Q				
1+10	0.4733	5.68	Q				
1+15	0.5125	5.70	Q				
1+20	0.5519	5.72	Q				
1+25	0.5914	5.74	Q				
1+30	0.6311	5.76	Q				
1+35	0.6708	5.78	Q				
1+40	0.7108	5.80	Q				
1+45	0.7508	5.82	Q				
1+50	0.7911	5.84	Q				
1+55	0.8314	5.86	QV				
2+ 0	0.8720	5.88	QV				
2+ 5	0.9126	5.90	QV				
2+10	0.9534	5.93	QV				
2+15	0.9944	5.95	QV				
2+20	1.0355	5.97	QV				
2+25	1.0768	5.99	QV				
2+30	1.1183	6.02	QV				
2+35	1.1599	6.04	QV				
2+40	1.2016	6.06	QV				
2+45	1.2435	6.09	QV				
2+50	1.2856	6.11	QV				
2+55	1.3279	6.13	QV				
3+ 0	1.3703	6.16	QV				
3+ 5	1.4129	6.18	QV				
3+10	1.4556	6.21	QV				

3+15	1.4985	6.23	QV	|	|	|	|
3+20	1.5417	6.26	QV	|	|	|	|
3+25	1.5849	6.28	QV	|	|	|	|
3+30	1.6284	6.31	Q V	|	|	|	|
3+35	1.6720	6.33	Q V	|	|	|	|
3+40	1.7158	6.36	Q V	|	|	|	|
3+45	1.7598	6.39	Q V	|	|	|	|
3+50	1.8040	6.42	Q V	|	|	|	|
3+55	1.8484	6.44	Q V	|	|	|	|
4+ 0	1.8930	6.47	Q V	|	|	|	|
4+ 5	1.9377	6.50	Q V	|	|	|	|
4+10	1.9827	6.53	Q V	|	|	|	|
4+15	2.0278	6.55	Q V	|	|	|	|
4+20	2.0731	6.58	Q V	|	|	|	|
4+25	2.1187	6.61	Q V	|	|	|	|
4+30	2.1644	6.64	Q V	|	|	|	|
4+35	2.2104	6.67	Q V	|	|	|	|
4+40	2.2566	6.70	Q V	|	|	|	|
4+45	2.3029	6.73	Q V	|	|	|	|
4+50	2.3495	6.76	Q V	|	|	|	|
4+55	2.3963	6.79	Q V	|	|	|	|
5+ 0	2.4433	6.83	Q V	|	|	|	|
5+ 5	2.4905	6.86	Q V	|	|	|	|
5+10	2.5380	6.89	Q V	|	|	|	|
5+15	2.5857	6.92	Q V	|	|	|	|
5+20	2.6336	6.96	Q V	|	|	|	|
5+25	2.6818	6.99	Q V	|	|	|	|
5+30	2.7301	7.03	Q V	|	|	|	|
5+35	2.7788	7.06	Q V	|	|	|	|
5+40	2.8276	7.10	Q V	|	|	|	|
5+45	2.8767	7.13	Q V	|	|	|	|
5+50	2.9261	7.17	Q V	|	|	|	|
5+55	2.9757	7.20	Q V	|	|	|	|
6+ 0	3.0255	7.24	Q V	|	|	|	|
6+ 5	3.0756	7.27	Q V	|	|	|	|
6+10	3.1260	7.32	Q V	|	|	|	|
6+15	3.1766	7.35	Q V	|	|	|	|
6+20	3.2276	7.39	Q V	|	|	|	|
6+25	3.2787	7.43	Q V	|	|	|	|
6+30	3.3302	7.47	Q V	|	|	|	|
6+35	3.3819	7.51	Q V	|	|	|	|
6+40	3.4339	7.55	Q V	|	|	|	|
6+45	3.4862	7.59	Q V	|	|	|	|
6+50	3.5388	7.64	Q V	|	|	|	|
6+55	3.5917	7.68	Q V	|	|	|	|
7+ 0	3.6449	7.72	Q V	|	|	|	|
7+ 5	3.6984	7.76	Q V	|	|	|	|
7+10	3.7522	7.81	Q V	|	|	|	|
7+15	3.8063	7.86	Q V	|	|	|	|
7+20	3.8607	7.90	Q V	|	|	|	|

7+25	3.9154	7.95	Q	V	|	|	|	|
7+30	3.9705	8.00	Q	V	|	|	|	|
7+35	4.0259	8.04	Q	V	|	|	|	|
7+40	4.0817	8.10	Q	V	|	|	|	|
7+45	4.1378	8.14	Q	V	|	|	|	|
7+50	4.1942	8.20	Q	V	|	|	|	|
7+55	4.2510	8.25	Q	V	|	|	|	|
8+ 0	4.3082	8.30	Q	V	|	|	|	|
8+ 5	4.3657	8.35	Q	V	|	|	|	|
8+10	4.4236	8.41	Q	V	|	|	|	|
8+15	4.4819	8.46	Q	V	|	|	|	|
8+20	4.5406	8.52	Q	V	|	|	|	|
8+25	4.5996	8.57	Q	V	|	|	|	|
8+30	4.6591	8.64	Q	V	|	|	|	|
8+35	4.7190	8.69	Q	V	|	|	|	|
8+40	4.7793	8.76	Q	V	|	|	|	|
8+45	4.8399	8.81	Q	V	|	|	|	|
8+50	4.9011	8.88	Q	V	|	|	|	|
8+55	4.9626	8.94	Q	V	|	|	|	|
9+ 0	5.0247	9.01	Q	V	|	|	|	|
9+ 5	5.0871	9.07	Q	V	|	|	|	|
9+10	5.1501	9.14	Q	V	|	|	|	|
9+15	5.2135	9.20	Q	V	|	|	|	|
9+20	5.2774	9.28	Q	V	|	|	|	|
9+25	5.3417	9.34	Q	V	|	|	|	|
9+30	5.4066	9.42	Q	V	|	|	|	|
9+35	5.4720	9.49	Q	V	|	|	|	|
9+40	5.5379	9.57	Q	V	|	|	|	|
9+45	5.6043	9.64	Q	V	|	|	|	|
9+50	5.6713	9.73	Q	V	|	|	|	|
9+55	5.7389	9.80	Q	V	|	|	|	|
10+ 0	5.8070	9.89	Q	V	|	|	|	|
10+ 5	5.8757	9.97	Q	V	|	|	|	|
10+10	5.9450	10.06	Q	V	|	|	|	|
10+15	6.0148	10.14	Q	V	|	|	|	|
10+20	6.0854	10.24	Q	V	|	|	|	|
10+25	6.1565	10.33	Q	V	|	|	|	|
10+30	6.2283	10.43	Q	V	|	|	|	|
10+35	6.3007	10.52	Q	V	|	|	|	|
10+40	6.3739	10.62	Q	V	|	|	|	|
10+45	6.4477	10.72	Q	V	|	|	|	|
10+50	6.5223	10.83	Q	V	|	|	|	|
10+55	6.5975	10.93	Q	V	|	|	|	|
11+ 0	6.6736	11.05	Q	V	|	|	|	|
11+ 5	6.7504	11.15	Q	V	|	|	|	|
11+10	6.8280	11.27	Q	V	|	|	|	|
11+15	6.9064	11.38	Q	V	|	|	|	|
11+20	6.9857	11.51	Q	V	|	|	|	|
11+25	7.0658	11.63	Q	V	|	|	|	|
11+30	7.1469	11.77	Q	V	|	|	|	|

```
11+35       7.2288     11.89  Q       V |          |          |          |
11+40       7.3117     12.04  Q        V|          |          |          |
11+45       7.3955     12.17  Q        V|          |          |          |
11+50       7.4804     12.32  Q        V|          |          |          |
11+55       7.5662     12.46  Q        V|          |          |          |
12+ 0       7.6532     12.63  Q        V|          |          |          |
12+ 5       7.7406     12.70  Q        V|          |          |          |
12+10       7.8272     12.58  Q        V|          |          |          |
12+15       7.9142     12.62  Q        V|          |          |          |
12+20       8.0020     12.76  Q        V|          |          |          |
12+25       8.0908     12.89  Q         V          |          |          |
12+30       8.1809     13.08  Q         V          |          |          |
12+35       8.2721     13.24  Q         V          |          |          |
12+40       8.3647     13.45  Q         V          |          |          |
12+45       8.4587     13.64  Q         V          |          |          |
12+50       8.5543     13.88  Q         V          |          |          |
12+55       8.6513     14.09  Q         V          |          |          |
13+ 0       8.7500     14.34  Q         V          |          |          |
13+ 5       8.8503     14.57  Q         V          |          |          |
13+10       8.9525     14.84  Q         |V         |          |          |
13+15       9.0565     15.09  |Q        |V         |          |          |
13+20       9.1625     15.39  |Q        |V         |          |          |
13+25       9.2704     15.67  |Q        |V         |          |          |
13+30       9.3805     16.00  |Q        |V         |          |          |
13+35       9.4928     16.30  |Q        |V         |          |          |
13+40       9.6076     16.67  |Q        |V         |          |          |
13+45       9.7247     17.01  |Q        | V        |          |          |
13+50       9.8447     17.42  |Q        | V        |          |          |
13+55       9.9673     17.80  |Q        | V        |          |          |
14+ 0      10.0930     18.26  |Q        | V        |          |          |
14+ 5      10.2220     18.73  |Q        | V        |          |          |
14+10      10.3556     19.41  |Q        | V        |          |          |
14+15      10.4931     19.95  |Q        |  V       |          |          |
14+20      10.6349     20.59  |Q        |  V       |          |          |
14+25      10.7807     21.17  |Q        |  V       |          |          |
14+30      10.9314     21.89  |Q        |  V       |          |          |
14+35      11.0868     22.56  |Q        |  V       |          |          |
14+40      11.2479     23.40  |Q        |  V       |          |          |
14+45      11.4145     24.19  |Q        |   V      |          |          |
14+50      11.5880     25.20  |Q        |   V      |          |          |
14+55      11.7682     26.15  |Q        |   V      |          |          |
15+ 0      11.9569     27.40  |Q        |   V      |          |          |
15+ 5      12.1538     28.60  |Q        |    V     |          |          |
15+10      12.3617     30.18  | Q       |    V     |          |          |
15+15      12.5802     31.74  | Q       |    V     |          |          |
15+20      12.8132     33.83  | Q       |    V     |          |          |
15+25      13.0547     35.06  | Q       |     V    |          |          |
15+30      13.2934     34.66  | Q       |     V    |          |          |
15+35      13.5435     36.32  | Q       |     V    |          |          |
15+40      13.8192     40.03  | Q       |      V   |          |          |
```



19+55	29.8375	8.85	Q	|	|	|	V |
20+ 0	29.8976	8.73	Q	|	|	|	V |
20+ 5	29.9569	8.61	Q	|	|	|	V |
20+10	30.0153	8.49	Q	|	|	|	V |
20+15	30.0731	8.38	Q	|	|	|	V |
20+20	30.1301	8.28	Q	|	|	|	V |
20+25	30.1864	8.17	Q	|	|	|	V |
20+30	30.2420	8.07	Q	|	|	|	V |
20+35	30.2969	7.98	Q	|	|	|	V |
20+40	30.3512	7.88	Q	|	|	|	V |
20+45	30.4048	7.79	Q	|	|	|	V |
20+50	30.4579	7.70	Q	|	|	|	V |
20+55	30.5103	7.62	Q	|	|	|	V |
21+ 0	30.5622	7.53	Q	|	|	|	V |
21+ 5	30.6135	7.45	Q	|	|	|	V |
21+10	30.6643	7.37	Q	|	|	|	V |
21+15	30.7145	7.30	Q	|	|	|	V |
21+20	30.7643	7.22	Q	|	|	|	V |
21+25	30.8135	7.15	Q	|	|	|	V |
21+30	30.8623	7.08	Q	|	|	|	V |
21+35	30.9105	7.01	Q	|	|	|	V |
21+40	30.9583	6.94	Q	|	|	|	V |
21+45	31.0057	6.88	Q	|	|	|	V |
21+50	31.0526	6.81	Q	|	|	|	V |
21+55	31.0991	6.75	Q	|	|	|	V |
22+ 0	31.1452	6.69	Q	|	|	|	V |
22+ 5	31.1908	6.63	Q	|	|	|	V |
22+10	31.2361	6.57	Q	|	|	|	V |
22+15	31.2809	6.51	Q	|	|	|	V |
22+20	31.3254	6.46	Q	|	|	|	V |
22+25	31.3695	6.40	Q	|	|	|	V |
22+30	31.4132	6.35	Q	|	|	|	V|
22+35	31.4566	6.30	Q	|	|	|	V|
22+40	31.4996	6.25	Q	|	|	|	V|
22+45	31.5423	6.20	Q	|	|	|	V|
22+50	31.5846	6.15	Q	|	|	|	V|
22+55	31.6266	6.10	Q	|	|	|	V|
23+ 0	31.6683	6.05	Q	|	|	|	V|
23+ 5	31.7097	6.01	Q	|	|	|	V|
23+10	31.7507	5.96	Q	|	|	|	V|
23+15	31.7915	5.92	Q	|	|	|	V|
23+20	31.8319	5.87	Q	|	|	|	V|
23+25	31.8721	5.83	Q	|	|	|	V|
23+30	31.9119	5.79	Q	|	|	|	V|
23+35	31.9515	5.75	Q	|	|	|	V|
23+40	31.9908	5.71	Q	|	|	|	V|
23+45	32.0298	5.67	Q	|	|	|	V|
23+50	32.0686	5.63	Q	|	|	|	V|
23+55	32.1071	5.59	Q	|	|	|	V|
24+ 0	32.1453	5.55	Q	|	|	|	V|

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/07/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IENLC
10-year
developed condition
onsite

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
171.56	1	0.61
Rainfall data for year 10		
171.56	6	1.24
Rainfall data for year 10		
171.56	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	171.56	1.000	0.548	0.100	0.055

Area-averaged adjusted loss rate Fm (In/Hr) = 0.055

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
17.16	0.100	69.0	69.0	4.49	0.124
154.40	0.900	98.0	98.0	0.20	0.894

Area-averaged catchment yield fraction, Y = 0.817
Area-averaged low loss fraction, Yb = 0.183
Direct entry of lag time by user
++
Watershed area = 171.56(Ac.)
Catchment Lag time = 0.120 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 69.7350
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.055(In/Hr)
Average low loss rate fraction (Yb) = 0.183 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 171.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.992 Adjusted rainfall = 0.287(In)
30-minute factor = 0.992 Adjusted rainfall = 0.491(In)
1-hour factor = 0.992 Adjusted rainfall = 0.604(In)
3-hour factor = 0.999 Adjusted rainfall = 0.941(In)
6-hour factor = 0.999 Adjusted rainfall = 1.239(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 2074.80 (CFS))	
1	7.744	160.671
2	50.264	882.215
3	73.446	480.976
4	83.543	209.492
5	89.449	122.532
6	93.132	76.411
7	95.628	51.795
8	97.303	34.745
9	98.238	19.416
10	99.050	16.835
11	99.701	13.513
12	100.000	6.202

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2867	0.2867
2	0.3529	0.0663
3	0.3986	0.0456
4	0.4345	0.0359
5	0.4646	0.0301
6	0.4907	0.0261
7	0.5139	0.0232
8	0.5349	0.0210
9	0.5542	0.0192
10	0.5719	0.0178
11	0.5885	0.0166
12	0.6041	0.0156
13	0.6239	0.0198
14	0.6428	0.0189
15	0.6610	0.0181
16	0.6784	0.0174
17	0.6952	0.0168
18	0.7114	0.0162
19	0.7271	0.0157
20	0.7423	0.0152
21	0.7570	0.0147
22	0.7714	0.0143
23	0.7853	0.0140
24	0.7989	0.0136
25	0.8122	0.0133
26	0.8251	0.0129
27	0.8378	0.0127
28	0.8502	0.0124
29	0.8623	0.0121
30	0.8742	0.0119

31	0.8858	0.0116
32	0.8972	0.0114
33	0.9084	0.0112
34	0.9194	0.0110
35	0.9302	0.0108
36	0.9408	0.0106
37	0.9511	0.0103
38	0.9613	0.0101
39	0.9713	0.0100
40	0.9811	0.0098
41	0.9908	0.0097
42	1.0003	0.0095
43	1.0097	0.0094
44	1.0190	0.0093
45	1.0281	0.0091
46	1.0371	0.0090
47	1.0460	0.0089
48	1.0548	0.0088
49	1.0635	0.0087
50	1.0721	0.0086
51	1.0806	0.0085
52	1.0889	0.0084
53	1.0972	0.0083
54	1.1054	0.0082
55	1.1135	0.0081
56	1.1215	0.0080
57	1.1294	0.0079
58	1.1373	0.0078
59	1.1450	0.0078
60	1.1527	0.0077
61	1.1603	0.0076
62	1.1678	0.0075
63	1.1753	0.0075
64	1.1826	0.0074
65	1.1900	0.0073
66	1.1972	0.0072
67	1.2044	0.0072
68	1.2115	0.0071
69	1.2185	0.0071
70	1.2255	0.0070
71	1.2325	0.0069
72	1.2393	0.0069
73	1.2460	0.0067
74	1.2527	0.0066
75	1.2592	0.0066
76	1.2658	0.0065
77	1.2723	0.0065
78	1.2787	0.0064
79	1.2851	0.0064
80	1.2914	0.0063

81	1.2977	0.0063
82	1.3039	0.0062
83	1.3101	0.0062
84	1.3162	0.0061
85	1.3223	0.0061
86	1.3284	0.0061
87	1.3344	0.0060
88	1.3404	0.0060
89	1.3463	0.0059
90	1.3522	0.0059
91	1.3580	0.0058
92	1.3638	0.0058
93	1.3696	0.0058
94	1.3753	0.0057
95	1.3810	0.0057
96	1.3867	0.0057
97	1.3923	0.0056
98	1.3979	0.0056
99	1.4034	0.0056
100	1.4090	0.0055
101	1.4144	0.0055
102	1.4199	0.0055
103	1.4253	0.0054
104	1.4307	0.0054
105	1.4361	0.0054
106	1.4414	0.0053
107	1.4467	0.0053
108	1.4519	0.0053
109	1.4572	0.0052
110	1.4624	0.0052
111	1.4676	0.0052
112	1.4727	0.0051
113	1.4778	0.0051
114	1.4829	0.0051
115	1.4880	0.0051
116	1.4930	0.0050
117	1.4980	0.0050
118	1.5030	0.0050
119	1.5080	0.0050
120	1.5129	0.0049
121	1.5178	0.0049
122	1.5227	0.0049
123	1.5276	0.0049
124	1.5324	0.0048
125	1.5372	0.0048
126	1.5420	0.0048
127	1.5468	0.0048
128	1.5515	0.0047
129	1.5563	0.0047
130	1.5610	0.0047

131	1.5656	0.0047
132	1.5703	0.0047
133	1.5749	0.0046
134	1.5795	0.0046
135	1.5841	0.0046
136	1.5887	0.0046
137	1.5933	0.0046
138	1.5978	0.0045
139	1.6023	0.0045
140	1.6068	0.0045
141	1.6113	0.0045
142	1.6157	0.0045
143	1.6202	0.0044
144	1.6246	0.0044
145	1.6290	0.0044
146	1.6333	0.0044
147	1.6377	0.0044
148	1.6420	0.0043
149	1.6464	0.0043
150	1.6507	0.0043
151	1.6550	0.0043
152	1.6592	0.0043
153	1.6635	0.0043
154	1.6677	0.0042
155	1.6719	0.0042
156	1.6761	0.0042
157	1.6803	0.0042
158	1.6845	0.0042
159	1.6887	0.0042
160	1.6928	0.0041
161	1.6969	0.0041
162	1.7010	0.0041
163	1.7051	0.0041
164	1.7092	0.0041
165	1.7133	0.0041
166	1.7173	0.0040
167	1.7213	0.0040
168	1.7254	0.0040
169	1.7294	0.0040
170	1.7334	0.0040
171	1.7373	0.0040
172	1.7413	0.0040
173	1.7452	0.0039
174	1.7492	0.0039
175	1.7531	0.0039
176	1.7570	0.0039
177	1.7609	0.0039
178	1.7648	0.0039
179	1.7686	0.0039
180	1.7725	0.0039

181	1.7763	0.0038
182	1.7801	0.0038
183	1.7840	0.0038
184	1.7878	0.0038
185	1.7915	0.0038
186	1.7953	0.0038
187	1.7991	0.0038
188	1.8028	0.0038
189	1.8066	0.0037
190	1.8103	0.0037
191	1.8140	0.0037
192	1.8177	0.0037
193	1.8214	0.0037
194	1.8251	0.0037
195	1.8287	0.0037
196	1.8324	0.0037
197	1.8361	0.0036
198	1.8397	0.0036
199	1.8433	0.0036
200	1.8469	0.0036
201	1.8505	0.0036
202	1.8541	0.0036
203	1.8577	0.0036
204	1.8613	0.0036
205	1.8648	0.0036
206	1.8684	0.0035
207	1.8719	0.0035
208	1.8754	0.0035
209	1.8789	0.0035
210	1.8824	0.0035
211	1.8859	0.0035
212	1.8894	0.0035
213	1.8929	0.0035
214	1.8964	0.0035
215	1.8998	0.0035
216	1.9033	0.0034
217	1.9067	0.0034
218	1.9101	0.0034
219	1.9135	0.0034
220	1.9170	0.0034
221	1.9203	0.0034
222	1.9237	0.0034
223	1.9271	0.0034
224	1.9305	0.0034
225	1.9338	0.0034
226	1.9372	0.0034
227	1.9405	0.0033
228	1.9439	0.0033
229	1.9472	0.0033
230	1.9505	0.0033

231	1.9538	0.0033
232	1.9571	0.0033
233	1.9604	0.0033
234	1.9637	0.0033
235	1.9670	0.0033
236	1.9702	0.0033
237	1.9735	0.0033
238	1.9767	0.0032
239	1.9800	0.0032
240	1.9832	0.0032
241	1.9864	0.0032
242	1.9896	0.0032
243	1.9928	0.0032
244	1.9960	0.0032
245	1.9992	0.0032
246	2.0024	0.0032
247	2.0056	0.0032
248	2.0088	0.0032
249	2.0119	0.0032
250	2.0151	0.0032
251	2.0182	0.0031
252	2.0213	0.0031
253	2.0245	0.0031
254	2.0276	0.0031
255	2.0307	0.0031
256	2.0338	0.0031
257	2.0369	0.0031
258	2.0400	0.0031
259	2.0431	0.0031
260	2.0462	0.0031
261	2.0492	0.0031
262	2.0523	0.0031
263	2.0554	0.0031
264	2.0584	0.0030
265	2.0614	0.0030
266	2.0645	0.0030
267	2.0675	0.0030
268	2.0705	0.0030
269	2.0735	0.0030
270	2.0765	0.0030
271	2.0795	0.0030
272	2.0825	0.0030
273	2.0855	0.0030
274	2.0885	0.0030
275	2.0915	0.0030
276	2.0944	0.0030
277	2.0974	0.0030
278	2.1004	0.0030
279	2.1033	0.0029
280	2.1062	0.0029

281	2.1092	0.0029
282	2.1121	0.0029
283	2.1150	0.0029
284	2.1179	0.0029
285	2.1209	0.0029
286	2.1238	0.0029
287	2.1267	0.0029
288	2.1295	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0005	0.0024
2	0.0029	0.0005	0.0024
3	0.0029	0.0005	0.0024
4	0.0029	0.0005	0.0024
5	0.0029	0.0005	0.0024
6	0.0029	0.0005	0.0024
7	0.0029	0.0005	0.0024
8	0.0030	0.0005	0.0024
9	0.0030	0.0005	0.0024
10	0.0030	0.0005	0.0024
11	0.0030	0.0005	0.0024
12	0.0030	0.0005	0.0024
13	0.0030	0.0006	0.0025
14	0.0030	0.0006	0.0025
15	0.0030	0.0006	0.0025
16	0.0030	0.0006	0.0025
17	0.0030	0.0006	0.0025
18	0.0031	0.0006	0.0025
19	0.0031	0.0006	0.0025
20	0.0031	0.0006	0.0025
21	0.0031	0.0006	0.0025
22	0.0031	0.0006	0.0025
23	0.0031	0.0006	0.0025
24	0.0031	0.0006	0.0025
25	0.0031	0.0006	0.0026
26	0.0031	0.0006	0.0026
27	0.0032	0.0006	0.0026
28	0.0032	0.0006	0.0026
29	0.0032	0.0006	0.0026
30	0.0032	0.0006	0.0026
31	0.0032	0.0006	0.0026
32	0.0032	0.0006	0.0026
33	0.0032	0.0006	0.0026
34	0.0032	0.0006	0.0026
35	0.0033	0.0006	0.0027
36	0.0033	0.0006	0.0027
37	0.0033	0.0006	0.0027

38	0.0033	0.0006	0.0027
39	0.0033	0.0006	0.0027
40	0.0033	0.0006	0.0027
41	0.0033	0.0006	0.0027
42	0.0033	0.0006	0.0027
43	0.0034	0.0006	0.0027
44	0.0034	0.0006	0.0028
45	0.0034	0.0006	0.0028
46	0.0034	0.0006	0.0028
47	0.0034	0.0006	0.0028
48	0.0034	0.0006	0.0028
49	0.0034	0.0006	0.0028
50	0.0035	0.0006	0.0028
51	0.0035	0.0006	0.0028
52	0.0035	0.0006	0.0028
53	0.0035	0.0006	0.0029
54	0.0035	0.0006	0.0029
55	0.0035	0.0006	0.0029
56	0.0035	0.0007	0.0029
57	0.0036	0.0007	0.0029
58	0.0036	0.0007	0.0029
59	0.0036	0.0007	0.0029
60	0.0036	0.0007	0.0029
61	0.0036	0.0007	0.0030
62	0.0036	0.0007	0.0030
63	0.0037	0.0007	0.0030
64	0.0037	0.0007	0.0030
65	0.0037	0.0007	0.0030
66	0.0037	0.0007	0.0030
67	0.0037	0.0007	0.0031
68	0.0038	0.0007	0.0031
69	0.0038	0.0007	0.0031
70	0.0038	0.0007	0.0031
71	0.0038	0.0007	0.0031
72	0.0038	0.0007	0.0031
73	0.0039	0.0007	0.0031
74	0.0039	0.0007	0.0032
75	0.0039	0.0007	0.0032
76	0.0039	0.0007	0.0032
77	0.0039	0.0007	0.0032
78	0.0039	0.0007	0.0032
79	0.0040	0.0007	0.0032
80	0.0040	0.0007	0.0033
81	0.0040	0.0007	0.0033
82	0.0040	0.0007	0.0033
83	0.0041	0.0007	0.0033
84	0.0041	0.0007	0.0033
85	0.0041	0.0008	0.0034
86	0.0041	0.0008	0.0034
87	0.0042	0.0008	0.0034

88	0.0042	0.0008	0.0034
89	0.0042	0.0008	0.0034
90	0.0042	0.0008	0.0034
91	0.0043	0.0008	0.0035
92	0.0043	0.0008	0.0035
93	0.0043	0.0008	0.0035
94	0.0043	0.0008	0.0035
95	0.0044	0.0008	0.0036
96	0.0044	0.0008	0.0036
97	0.0044	0.0008	0.0036
98	0.0044	0.0008	0.0036
99	0.0045	0.0008	0.0037
100	0.0045	0.0008	0.0037
101	0.0045	0.0008	0.0037
102	0.0046	0.0008	0.0037
103	0.0046	0.0008	0.0038
104	0.0046	0.0008	0.0038
105	0.0047	0.0009	0.0038
106	0.0047	0.0009	0.0038
107	0.0047	0.0009	0.0039
108	0.0047	0.0009	0.0039
109	0.0048	0.0009	0.0039
110	0.0048	0.0009	0.0039
111	0.0049	0.0009	0.0040
112	0.0049	0.0009	0.0040
113	0.0049	0.0009	0.0040
114	0.0050	0.0009	0.0041
115	0.0050	0.0009	0.0041
116	0.0050	0.0009	0.0041
117	0.0051	0.0009	0.0042
118	0.0051	0.0009	0.0042
119	0.0052	0.0009	0.0042
120	0.0052	0.0010	0.0043
121	0.0053	0.0010	0.0043
122	0.0053	0.0010	0.0043
123	0.0054	0.0010	0.0044
124	0.0054	0.0010	0.0044
125	0.0055	0.0010	0.0045
126	0.0055	0.0010	0.0045
127	0.0056	0.0010	0.0045
128	0.0056	0.0010	0.0046
129	0.0057	0.0010	0.0046
130	0.0057	0.0010	0.0047
131	0.0058	0.0011	0.0047
132	0.0058	0.0011	0.0047
133	0.0059	0.0011	0.0048
134	0.0059	0.0011	0.0048
135	0.0060	0.0011	0.0049
136	0.0061	0.0011	0.0049
137	0.0061	0.0011	0.0050

138	0.0062	0.0011	0.0051
139	0.0063	0.0012	0.0051
140	0.0063	0.0012	0.0052
141	0.0064	0.0012	0.0052
142	0.0065	0.0012	0.0053
143	0.0066	0.0012	0.0054
144	0.0066	0.0012	0.0054
145	0.0069	0.0013	0.0056
146	0.0069	0.0013	0.0057
147	0.0071	0.0013	0.0058
148	0.0071	0.0013	0.0058
149	0.0072	0.0013	0.0059
150	0.0073	0.0013	0.0060
151	0.0075	0.0014	0.0061
152	0.0075	0.0014	0.0061
153	0.0077	0.0014	0.0063
154	0.0078	0.0014	0.0063
155	0.0079	0.0015	0.0065
156	0.0080	0.0015	0.0065
157	0.0082	0.0015	0.0067
158	0.0083	0.0015	0.0068
159	0.0085	0.0016	0.0069
160	0.0086	0.0016	0.0070
161	0.0088	0.0016	0.0072
162	0.0089	0.0016	0.0073
163	0.0091	0.0017	0.0075
164	0.0093	0.0017	0.0076
165	0.0095	0.0017	0.0078
166	0.0097	0.0018	0.0079
167	0.0100	0.0018	0.0081
168	0.0101	0.0019	0.0083
169	0.0106	0.0019	0.0087
170	0.0108	0.0020	0.0088
171	0.0112	0.0021	0.0091
172	0.0114	0.0021	0.0093
173	0.0119	0.0022	0.0097
174	0.0121	0.0022	0.0099
175	0.0127	0.0023	0.0103
176	0.0129	0.0024	0.0106
177	0.0136	0.0025	0.0111
178	0.0140	0.0026	0.0114
179	0.0147	0.0027	0.0120
180	0.0152	0.0028	0.0124
181	0.0162	0.0030	0.0132
182	0.0168	0.0031	0.0137
183	0.0181	0.0033	0.0148
184	0.0189	0.0035	0.0155
185	0.0156	0.0029	0.0127
186	0.0166	0.0030	0.0135
187	0.0192	0.0035	0.0157

188	0.0210	0.0039	0.0172
189	0.0261	0.0046	0.0216
190	0.0301	0.0046	0.0255
191	0.0456	0.0046	0.0411
192	0.0663	0.0046	0.0617
193	0.2867	0.0046	0.2821
194	0.0359	0.0046	0.0314
195	0.0232	0.0043	0.0190
196	0.0178	0.0033	0.0145
197	0.0198	0.0036	0.0162
198	0.0174	0.0032	0.0142
199	0.0157	0.0029	0.0128
200	0.0143	0.0026	0.0117
201	0.0133	0.0024	0.0108
202	0.0124	0.0023	0.0101
203	0.0116	0.0021	0.0095
204	0.0110	0.0020	0.0090
205	0.0103	0.0019	0.0084
206	0.0098	0.0018	0.0080
207	0.0094	0.0017	0.0077
208	0.0090	0.0017	0.0074
209	0.0087	0.0016	0.0071
210	0.0084	0.0015	0.0068
211	0.0081	0.0015	0.0066
212	0.0078	0.0014	0.0064
213	0.0076	0.0014	0.0062
214	0.0074	0.0014	0.0060
215	0.0072	0.0013	0.0059
216	0.0070	0.0013	0.0057
217	0.0067	0.0012	0.0055
218	0.0065	0.0012	0.0053
219	0.0064	0.0012	0.0052
220	0.0062	0.0011	0.0051
221	0.0061	0.0011	0.0050
222	0.0060	0.0011	0.0049
223	0.0058	0.0011	0.0048
224	0.0057	0.0011	0.0047
225	0.0056	0.0010	0.0046
226	0.0055	0.0010	0.0045
227	0.0054	0.0010	0.0044
228	0.0053	0.0010	0.0043
229	0.0052	0.0010	0.0043
230	0.0051	0.0009	0.0042
231	0.0051	0.0009	0.0041
232	0.0050	0.0009	0.0041
233	0.0049	0.0009	0.0040
234	0.0048	0.0009	0.0040
235	0.0048	0.0009	0.0039
236	0.0047	0.0009	0.0038
237	0.0046	0.0008	0.0038

238	0.0046	0.0008	0.0037
239	0.0045	0.0008	0.0037
240	0.0045	0.0008	0.0036
241	0.0044	0.0008	0.0036
242	0.0043	0.0008	0.0035
243	0.0043	0.0008	0.0035
244	0.0042	0.0008	0.0035
245	0.0042	0.0008	0.0034
246	0.0041	0.0008	0.0034
247	0.0041	0.0008	0.0033
248	0.0040	0.0007	0.0033
249	0.0040	0.0007	0.0033
250	0.0040	0.0007	0.0032
251	0.0039	0.0007	0.0032
252	0.0039	0.0007	0.0032
253	0.0038	0.0007	0.0031
254	0.0038	0.0007	0.0031
255	0.0038	0.0007	0.0031
256	0.0037	0.0007	0.0030
257	0.0037	0.0007	0.0030
258	0.0037	0.0007	0.0030
259	0.0036	0.0007	0.0030
260	0.0036	0.0007	0.0029
261	0.0036	0.0007	0.0029
262	0.0035	0.0006	0.0029
263	0.0035	0.0006	0.0029
264	0.0035	0.0006	0.0028
265	0.0034	0.0006	0.0028
266	0.0034	0.0006	0.0028
267	0.0034	0.0006	0.0028
268	0.0034	0.0006	0.0027
269	0.0033	0.0006	0.0027
270	0.0033	0.0006	0.0027
271	0.0033	0.0006	0.0027
272	0.0032	0.0006	0.0027
273	0.0032	0.0006	0.0026
274	0.0032	0.0006	0.0026
275	0.0032	0.0006	0.0026
276	0.0032	0.0006	0.0026
277	0.0031	0.0006	0.0026
278	0.0031	0.0006	0.0025
279	0.0031	0.0006	0.0025
280	0.0031	0.0006	0.0025
281	0.0030	0.0006	0.0025
282	0.0030	0.0006	0.0025
283	0.0030	0.0006	0.0024
284	0.0030	0.0005	0.0024
285	0.0030	0.0005	0.0024
286	0.0029	0.0005	0.0024
287	0.0029	0.0005	0.0024

288 0.0029 0.0005 0.0024

Total soil rain loss = 0.33(In)
Total effective rainfall = 1.80(In)
Peak flow rate in flood hydrograph = 299.16(CFS)

++

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

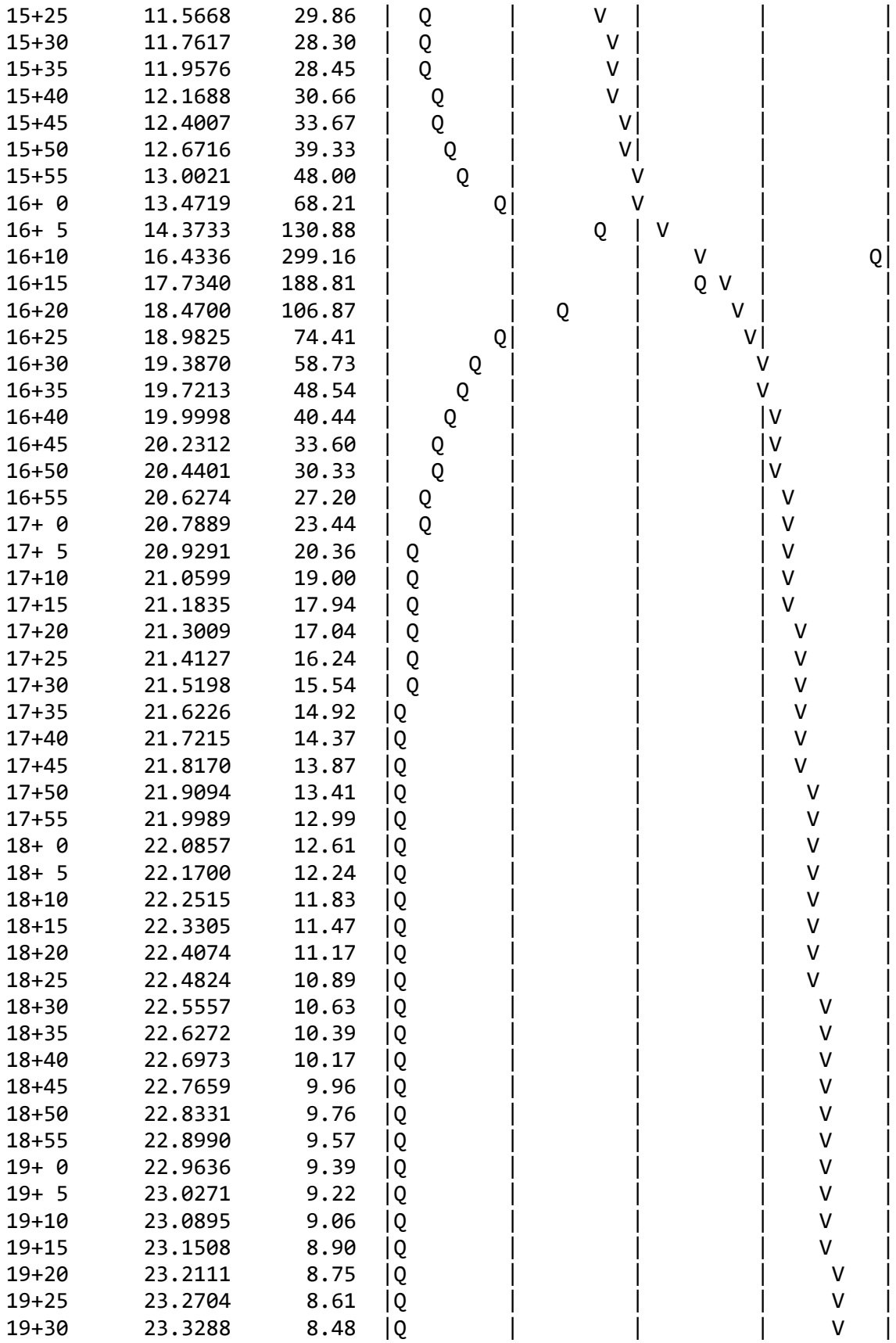
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	75.0	150.0	225.0	300.0
0+ 5	0.0026	0.38	Q				
0+10	0.0196	2.46	Q				
0+15	0.0444	3.60	Q				
0+20	0.0727	4.11	Q				
0+25	0.1031	4.41	Q				
0+30	0.1348	4.61	Q				
0+35	0.1675	4.74	Q				
0+40	0.2008	4.84	Q				
0+45	0.2346	4.90	Q				
0+50	0.2687	4.96	Q				
0+55	0.3032	5.01	Q				
1+ 0	0.3379	5.04	Q				
1+ 5	0.3727	5.05	Q				
1+10	0.4077	5.07	Q				
1+15	0.4427	5.09	Q				
1+20	0.4779	5.11	Q				
1+25	0.5132	5.12	Q				
1+30	0.5486	5.14	Q				
1+35	0.5841	5.16	Q				
1+40	0.6198	5.18	Q				
1+45	0.6556	5.20	QV				
1+50	0.6915	5.21	QV				
1+55	0.7275	5.23	QV				
2+ 0	0.7637	5.25	QV				
2+ 5	0.8000	5.27	QV				
2+10	0.8364	5.29	QV				
2+15	0.8730	5.31	QV				
2+20	0.9097	5.33	QV				
2+25	0.9465	5.35	QV				
2+30	0.9835	5.37	QV				
2+35	1.0206	5.39	QV				
2+40	1.0578	5.41	QV				
2+45	1.0952	5.43	QV				
2+50	1.1327	5.45	QV				

2+55	1.1703	5.47	QV	|	|	|	|
3+ 0	1.2082	5.49	QV	|	|	|	|
3+ 5	1.2461	5.51	QV	|	|	|	|
3+10	1.2842	5.53	QV	|	|	|	|
3+15	1.3225	5.55	Q V	|	|	|	|
3+20	1.3609	5.58	Q V	|	|	|	|
3+25	1.3994	5.60	Q V	|	|	|	|
3+30	1.4381	5.62	Q V	|	|	|	|
3+35	1.4770	5.64	Q V	|	|	|	|
3+40	1.5160	5.67	Q V	|	|	|	|
3+45	1.5551	5.69	Q V	|	|	|	|
3+50	1.5945	5.71	Q V	|	|	|	|
3+55	1.6340	5.73	Q V	|	|	|	|
4+ 0	1.6736	5.76	Q V	|	|	|	|
4+ 5	1.7135	5.78	Q V	|	|	|	|
4+10	1.7535	5.81	Q V	|	|	|	|
4+15	1.7936	5.83	Q V	|	|	|	|
4+20	1.8340	5.86	Q V	|	|	|	|
4+25	1.8745	5.88	Q V	|	|	|	|
4+30	1.9151	5.91	Q V	|	|	|	|
4+35	1.9560	5.93	Q V	|	|	|	|
4+40	1.9970	5.96	Q V	|	|	|	|
4+45	2.0382	5.98	Q V	|	|	|	|
4+50	2.0796	6.01	Q V	|	|	|	|
4+55	2.1212	6.04	Q V	|	|	|	|
5+ 0	2.1630	6.07	Q V	|	|	|	|
5+ 5	2.2050	6.09	Q V	|	|	|	|
5+10	2.2471	6.12	Q V	|	|	|	|
5+15	2.2895	6.15	Q V	|	|	|	|
5+20	2.3320	6.18	Q V	|	|	|	|
5+25	2.3748	6.21	Q V	|	|	|	|
5+30	2.4177	6.24	Q V	|	|	|	|
5+35	2.4609	6.26	Q V	|	|	|	|
5+40	2.5042	6.30	Q V	|	|	|	|
5+45	2.5478	6.33	Q V	|	|	|	|
5+50	2.5916	6.36	Q V	|	|	|	|
5+55	2.6356	6.39	Q V	|	|	|	|
6+ 0	2.6798	6.42	Q V	|	|	|	|
6+ 5	2.7242	6.45	Q V	|	|	|	|
6+10	2.7689	6.49	Q V	|	|	|	|
6+15	2.8138	6.52	Q V	|	|	|	|
6+20	2.8589	6.55	Q V	|	|	|	|
6+25	2.9042	6.58	Q V	|	|	|	|
6+30	2.9498	6.62	Q V	|	|	|	|
6+35	2.9956	6.65	Q V	|	|	|	|
6+40	3.0417	6.69	Q V	|	|	|	|
6+45	3.0880	6.72	Q V	|	|	|	|
6+50	3.1346	6.76	Q V	|	|	|	|
6+55	3.1814	6.80	Q V	|	|	|	|
7+ 0	3.2285	6.84	Q V	|	|	|	|

7+ 5	3.2758	6.87	Q	V	|	|	|	|
7+10	3.3234	6.91	Q	V	|	|	|	|
7+15	3.3712	6.95	Q	V	|	|	|	|
7+20	3.4194	6.99	Q	V	|	|	|	|
7+25	3.4678	7.03	Q	V	|	|	|	|
7+30	3.5165	7.07	Q	V	|	|	|	|
7+35	3.5655	7.11	Q	V	|	|	|	|
7+40	3.6147	7.16	Q	V	|	|	|	|
7+45	3.6643	7.20	Q	V	|	|	|	|
7+50	3.7142	7.24	Q	V	|	|	|	|
7+55	3.7643	7.28	Q	V	|	|	|	|
8+ 0	3.8148	7.33	Q	V	|	|	|	|
8+ 5	3.8656	7.37	Q	V	|	|	|	|
8+10	3.9167	7.42	Q	V	|	|	|	|
8+15	3.9681	7.47	Q	V	|	|	|	|
8+20	4.0199	7.52	|Q	V	|	|	|	|
8+25	4.0720	7.56	|Q	V	|	|	|	|
8+30	4.1244	7.62	|Q	V	|	|	|	|
8+35	4.1772	7.66	|Q	V	|	|	|	|
8+40	4.2303	7.72	|Q	V	|	|	|	|
8+45	4.2838	7.77	|Q	V	|	|	|	|
8+50	4.3377	7.82	|Q	V	|	|	|	|
8+55	4.3919	7.87	|Q	V	|	|	|	|
9+ 0	4.4465	7.93	|Q	V	|	|	|	|
9+ 5	4.5015	7.98	|Q	V	|	|	|	|
9+10	4.5569	8.05	|Q	V	|	|	|	|
9+15	4.6127	8.10	|Q	V	|	|	|	|
9+20	4.6689	8.16	|Q	V	|	|	|	|
9+25	4.7256	8.22	|Q	V	|	|	|	|
9+30	4.7826	8.29	|Q	V	|	|	|	|
9+35	4.8401	8.34	|Q	V	|	|	|	|
9+40	4.8980	8.41	|Q	V	|	|	|	|
9+45	4.9564	8.47	|Q	V	|	|	|	|
9+50	5.0152	8.55	|Q	V	|	|	|	|
9+55	5.0745	8.61	|Q	V	|	|	|	|
10+ 0	5.1343	8.68	|Q	V	|	|	|	|
10+ 5	5.1946	8.75	|Q	V	|	|	|	|
10+10	5.2554	8.83	|Q	V	|	|	|	|
10+15	5.3167	8.90	|Q	V	|	|	|	|
10+20	5.3785	8.98	|Q	V	|	|	|	|
10+25	5.4409	9.05	|Q	V	|	|	|	|
10+30	5.5038	9.14	|Q	V	|	|	|	|
10+35	5.5673	9.21	|Q	V	|	|	|	|
10+40	5.6314	9.30	|Q	V	|	|	|	|
10+45	5.6960	9.38	|Q	V	|	|	|	|
10+50	5.7613	9.48	|Q	V	|	|	|	|
10+55	5.8271	9.56	|Q	V	|	|	|	|
11+ 0	5.8936	9.66	|Q	V	|	|	|	|
11+ 5	5.9608	9.75	|Q	V	|	|	|	|
11+10	6.0286	9.85	|Q	V	|	|	|	|

11+15	6.0971	9.95	Q	V			
11+20	6.1664	10.06	Q	V			
11+25	6.2363	10.15	Q	V			
11+30	6.3070	10.27	Q	V			
11+35	6.3785	10.37	Q	V			
11+40	6.4508	10.50	Q	V			
11+45	6.5238	10.61	Q	V			
11+50	6.5978	10.74	Q	V			
11+55	6.6725	10.85	Q	V			
12+ 0	6.7482	10.99	Q	V			
12+ 5	6.8249	11.13	Q	V			
12+10	6.9032	11.37	Q	V			
12+15	6.9828	11.55	Q	V			
12+20	7.0635	11.73	Q	V			
12+25	7.1454	11.88	Q	V			
12+30	7.2284	12.06	Q	V			
12+35	7.3126	12.22	Q	V			
12+40	7.3981	12.41	Q	V			
12+45	7.4847	12.58	Q	V			
12+50	7.5726	12.77	Q	V			
12+55	7.6619	12.95	Q	V			
13+ 0	7.7526	13.17	Q	V			
13+ 5	7.8446	13.36	Q	V			
13+10	7.9382	13.60	Q	V			
13+15	8.0333	13.81	Q	V			
13+20	8.1302	14.06	Q	V			
13+25	8.2286	14.29	Q	V			
13+30	8.3290	14.57	Q	V			
13+35	8.4311	14.83	Q	V			
13+40	8.5353	15.14	Q	V			
13+45	8.6415	15.42	Q	V			
13+50	8.7501	15.76	Q	V			
13+55	8.8608	16.08	Q	V			
14+ 0	8.9742	16.46	Q	V			
14+ 5	9.0901	16.84	Q	V			
14+10	9.2098	17.38	Q	V			
14+15	9.3327	17.84	Q	V			
14+20	9.4592	18.37	Q	V			
14+25	9.5890	18.85	Q	V			
14+30	9.7228	19.43	Q	V			
14+35	9.8604	19.98	Q	V			
14+40	10.0027	20.66	Q	V			
14+45	10.1494	21.30	Q	V			
14+50	10.3017	22.11	Q	V			
14+55	10.4593	22.89	Q	V			
15+ 0	10.6237	23.87	Q	V			
15+ 5	10.7947	24.83	Q	V			
15+10	10.9742	26.06	Q	V			
15+15	11.1621	27.29	Q	V			
15+20	11.3612	28.91	Q	V			



```
19+35      23.3863      8.35  |Q        |         |         |     V   |
19+40      23.4429      8.22  |Q        |         |         |     V   |
19+45      23.4987      8.10  |Q        |         |         |     V   |
19+50      23.5537      7.99  |Q        |         |         |     V   |
19+55      23.6079      7.87  |Q        |         |         |     V   |
20+ 0      23.6614      7.77  |Q        |         |         |     V   |
20+ 5      23.7142      7.66  |Q        |         |         |     V   |
20+10      23.7663      7.56  |Q        |         |         |     V   |
20+15      23.8177      7.47  Q         |         |         |      V  |
20+20      23.8685      7.37  Q         |         |         |      V  |
20+25      23.9186      7.28  Q         |         |         |      V  |
20+30      23.9682      7.20  Q         |         |         |      V  |
20+35      24.0171      7.11  Q         |         |         |      V  |
20+40      24.0655      7.03  Q         |         |         |      V  |
20+45      24.1134      6.95  Q         |         |         |      V  |
20+50      24.1607      6.87  Q         |         |         |      V  |
20+55      24.2075      6.80  Q         |         |         |      V  |
21+ 0      24.2538      6.72  Q         |         |         |      V  |
21+ 5      24.2996      6.65  Q         |         |         |      V  |
21+10      24.3450      6.58  Q         |         |         |      V  |
21+15      24.3898      6.52  Q         |         |         |      V  |
21+20      24.4343      6.45  Q         |         |         |      V  |
21+25      24.4783      6.39  Q         |         |         |       V |
21+30      24.5218      6.32  Q         |         |         |       V |
21+35      24.5650      6.26  Q         |         |         |       V |
21+40      24.6077      6.21  Q         |         |         |       V |
21+45      24.6500      6.15  Q         |         |         |       V |
21+50      24.6920      6.09  Q         |         |         |       V |
21+55      24.7336      6.04  Q         |         |         |       V |
22+ 0      24.7748      5.98  Q         |         |         |       V |
22+ 5      24.8156      5.93  Q         |         |         |       V |
22+10      24.8561      5.88  Q         |         |         |       V |
22+15      24.8963      5.83  Q         |         |         |       V |
22+20      24.9361      5.78  Q         |         |         |       V |
22+25      24.9756      5.73  Q         |         |         |       V |
22+30      25.0147      5.69  Q         |         |         |       V |
22+35      25.0536      5.64  Q         |         |         |       V |
22+40      25.0921      5.60  Q         |         |         |       V |
22+45      25.1303      5.55  Q         |         |         |        V|
22+50      25.1683      5.51  Q         |         |         |        V|
22+55      25.2059      5.47  Q         |         |         |        V|
23+ 0      25.2433      5.43  Q         |         |         |        V|
23+ 5      25.2804      5.39  Q         |         |         |        V|
23+10      25.3172      5.35  Q         |         |         |        V|
23+15      25.3538      5.31  Q         |         |         |        V|
23+20      25.3900      5.27  Q         |         |         |        V|
23+25      25.4261      5.23  Q         |         |         |        V|
23+30      25.4618      5.19  Q         |         |         |        V|
23+35      25.4974      5.16  Q         |         |         |        V|
23+40      25.5327      5.12  Q         |         |         |        V|
```

```
   23+45      25.5677      5.09  Q         |         |         |        V|
   23+50      25.6025      5.05  Q         |         |         |        V|
   23+55      25.6371      5.02  Q         |         |         |        V|
   24+ 0      25.6714      4.99  Q         |         |         |        V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/07/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IENLC
100-year
developed condition
onsite

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
171.56	1	1.08
Rainfall data for year 100		
171.56	6	2.04
Rainfall data for year 100		
171.56	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	171.56	1.000	0.262	0.100	0.026

Area-averaged adjusted loss rate Fm (In/Hr) = 0.026

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
17.16	0.100	69.0	86.2	1.60	0.598
154.40	0.900	98.0	98.0	0.20	0.932

Area-averaged catchment yield fraction, Y = 0.898
Area-averaged low loss fraction, Yb = 0.102
Direct entry of lag time by user
++
Watershed area = 171.56(Ac.)
Catchment Lag time = 0.120 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 69.7350
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.026(In/Hr)
Average low loss rate fraction (Yb) = 0.102 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 171.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.992 Adjusted rainfall = 0.508(In)
30-minute factor = 0.992 Adjusted rainfall = 0.870(In)
1-hour factor = 0.992 Adjusted rainfall = 1.071(In)
3-hour factor = 0.999 Adjusted rainfall = 1.593(In)
6-hour factor = 0.999 Adjusted rainfall = 2.039(In)
24-hour factor = 1.000 Adjusted rainfall = 3.419(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 2074.80 (CFS))	
1	7.744	160.671
2	50.264	882.215
3	73.446	480.976
4	83.543	209.492
5	89.449	122.532
6	93.132	76.411
7	95.628	51.795
8	97.303	34.745
9	98.238	19.416
10	99.050	16.835
11	99.701	13.513
12	100.000	6.202

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5083	0.5083
2	0.6259	0.1175
3	0.7068	0.0810
4	0.7705	0.0637
5	0.8239	0.0533
6	0.8702	0.0463
7	0.9114	0.0412
8	0.9486	0.0372
9	0.9827	0.0341
10	1.0143	0.0316
11	1.0437	0.0294
12	1.0713	0.0276
13	1.1028	0.0314
14	1.1327	0.0299
15	1.1613	0.0286
16	1.1887	0.0274
17	1.2150	0.0263
18	1.2404	0.0254
19	1.2648	0.0245
20	1.2885	0.0237
21	1.3114	0.0229
22	1.3337	0.0222
23	1.3553	0.0216
24	1.3763	0.0210
25	1.3967	0.0205
26	1.4167	0.0199
27	1.4361	0.0195
28	1.4551	0.0190
29	1.4737	0.0186
30	1.4918	0.0182

31	1.5096	0.0178
32	1.5270	0.0174
33	1.5441	0.0171
34	1.5609	0.0167
35	1.5773	0.0164
36	1.5934	0.0161
37	1.6090	0.0156
38	1.6244	0.0153
39	1.6395	0.0151
40	1.6543	0.0148
41	1.6689	0.0146
42	1.6832	0.0144
43	1.6974	0.0141
44	1.7113	0.0139
45	1.7251	0.0137
46	1.7386	0.0135
47	1.7519	0.0133
48	1.7651	0.0132
49	1.7781	0.0130
50	1.7909	0.0128
51	1.8036	0.0127
52	1.8161	0.0125
53	1.8284	0.0123
54	1.8406	0.0122
55	1.8527	0.0121
56	1.8646	0.0119
57	1.8764	0.0118
58	1.8880	0.0116
59	1.8995	0.0115
60	1.9109	0.0114
61	1.9222	0.0113
62	1.9333	0.0111
63	1.9443	0.0110
64	1.9553	0.0109
65	1.9661	0.0108
66	1.9768	0.0107
67	1.9874	0.0106
68	1.9979	0.0105
69	2.0083	0.0104
70	2.0186	0.0103
71	2.0288	0.0102
72	2.0389	0.0101
73	2.0494	0.0105
74	2.0598	0.0104
75	2.0702	0.0103
76	2.0804	0.0103
77	2.0906	0.0102
78	2.1007	0.0101
79	2.1107	0.0100
80	2.1206	0.0099

81	2.1305	0.0098
82	2.1402	0.0098
83	2.1499	0.0097
84	2.1596	0.0096
85	2.1691	0.0096
86	2.1786	0.0095
87	2.1880	0.0094
88	2.1974	0.0093
89	2.2066	0.0093
90	2.2158	0.0092
91	2.2250	0.0092
92	2.2341	0.0091
93	2.2431	0.0090
94	2.2521	0.0090
95	2.2610	0.0089
96	2.2698	0.0088
97	2.2786	0.0088
98	2.2873	0.0087
99	2.2960	0.0087
100	2.3046	0.0086
101	2.3132	0.0086
102	2.3217	0.0085
103	2.3302	0.0085
104	2.3386	0.0084
105	2.3470	0.0084
106	2.3553	0.0083
107	2.3635	0.0083
108	2.3718	0.0082
109	2.3799	0.0082
110	2.3880	0.0081
111	2.3961	0.0081
112	2.4041	0.0080
113	2.4121	0.0080
114	2.4201	0.0079
115	2.4280	0.0079
116	2.4358	0.0079
117	2.4436	0.0078
118	2.4514	0.0078
119	2.4591	0.0077
120	2.4668	0.0077
121	2.4745	0.0076
122	2.4821	0.0076
123	2.4896	0.0076
124	2.4972	0.0075
125	2.5046	0.0075
126	2.5121	0.0075
127	2.5195	0.0074
128	2.5269	0.0074
129	2.5342	0.0073
130	2.5416	0.0073

131	2.5488	0.0073
132	2.5561	0.0072
133	2.5633	0.0072
134	2.5704	0.0072
135	2.5776	0.0071
136	2.5847	0.0071
137	2.5918	0.0071
138	2.5988	0.0070
139	2.6058	0.0070
140	2.6128	0.0070
141	2.6197	0.0069
142	2.6266	0.0069
143	2.6335	0.0069
144	2.6404	0.0069
145	2.6472	0.0068
146	2.6540	0.0068
147	2.6608	0.0068
148	2.6675	0.0067
149	2.6742	0.0067
150	2.6809	0.0067
151	2.6875	0.0067
152	2.6942	0.0066
153	2.7007	0.0066
154	2.7073	0.0066
155	2.7139	0.0065
156	2.7204	0.0065
157	2.7269	0.0065
158	2.7333	0.0065
159	2.7398	0.0064
160	2.7462	0.0064
161	2.7526	0.0064
162	2.7589	0.0064
163	2.7653	0.0063
164	2.7716	0.0063
165	2.7779	0.0063
166	2.7842	0.0063
167	2.7904	0.0062
168	2.7966	0.0062
169	2.8028	0.0062
170	2.8090	0.0062
171	2.8151	0.0062
172	2.8213	0.0061
173	2.8274	0.0061
174	2.8335	0.0061
175	2.8395	0.0061
176	2.8456	0.0060
177	2.8516	0.0060
178	2.8576	0.0060
179	2.8636	0.0060
180	2.8695	0.0060

181	2.8754	0.0059
182	2.8814	0.0059
183	2.8873	0.0059
184	2.8931	0.0059
185	2.8990	0.0059
186	2.9048	0.0058
187	2.9106	0.0058
188	2.9164	0.0058
189	2.9222	0.0058
190	2.9280	0.0058
191	2.9337	0.0057
192	2.9394	0.0057
193	2.9451	0.0057
194	2.9508	0.0057
195	2.9565	0.0057
196	2.9621	0.0056
197	2.9677	0.0056
198	2.9733	0.0056
199	2.9789	0.0056
200	2.9845	0.0056
201	2.9901	0.0056
202	2.9956	0.0055
203	3.0011	0.0055
204	3.0066	0.0055
205	3.0121	0.0055
206	3.0176	0.0055
207	3.0230	0.0055
208	3.0285	0.0054
209	3.0339	0.0054
210	3.0393	0.0054
211	3.0447	0.0054
212	3.0501	0.0054
213	3.0554	0.0054
214	3.0608	0.0053
215	3.0661	0.0053
216	3.0714	0.0053
217	3.0767	0.0053
218	3.0820	0.0053
219	3.0872	0.0053
220	3.0925	0.0052
221	3.0977	0.0052
222	3.1030	0.0052
223	3.1082	0.0052
224	3.1134	0.0052
225	3.1185	0.0052
226	3.1237	0.0052
227	3.1288	0.0051
228	3.1340	0.0051
229	3.1391	0.0051
230	3.1442	0.0051

231	3.1493	0.0051
232	3.1544	0.0051
233	3.1594	0.0051
234	3.1645	0.0051
235	3.1695	0.0050
236	3.1745	0.0050
237	3.1795	0.0050
238	3.1845	0.0050
239	3.1895	0.0050
240	3.1945	0.0050
241	3.1995	0.0050
242	3.2044	0.0049
243	3.2093	0.0049
244	3.2143	0.0049
245	3.2192	0.0049
246	3.2241	0.0049
247	3.2289	0.0049
248	3.2338	0.0049
249	3.2387	0.0049
250	3.2435	0.0048
251	3.2483	0.0048
252	3.2532	0.0048
253	3.2580	0.0048
254	3.2628	0.0048
255	3.2675	0.0048
256	3.2723	0.0048
257	3.2771	0.0048
258	3.2818	0.0047
259	3.2866	0.0047
260	3.2913	0.0047
261	3.2960	0.0047
262	3.3007	0.0047
263	3.3054	0.0047
264	3.3101	0.0047
265	3.3148	0.0047
266	3.3194	0.0047
267	3.3241	0.0046
268	3.3287	0.0046
269	3.3333	0.0046
270	3.3379	0.0046
271	3.3426	0.0046
272	3.3471	0.0046
273	3.3517	0.0046
274	3.3563	0.0046
275	3.3609	0.0046
276	3.3654	0.0046
277	3.3700	0.0045
278	3.3745	0.0045
279	3.3790	0.0045
280	3.3835	0.0045

281	3.3880	0.0045
282	3.3925	0.0045
283	3.3970	0.0045
284	3.4015	0.0045
285	3.4059	0.0045
286	3.4104	0.0045
287	3.4148	0.0044
288	3.4193	0.0044

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0005	0.0040
2	0.0044	0.0005	0.0040
3	0.0045	0.0005	0.0040
4	0.0045	0.0005	0.0040
5	0.0045	0.0005	0.0040
6	0.0045	0.0005	0.0040
7	0.0045	0.0005	0.0041
8	0.0045	0.0005	0.0041
9	0.0046	0.0005	0.0041
10	0.0046	0.0005	0.0041
11	0.0046	0.0005	0.0041
12	0.0046	0.0005	0.0041
13	0.0046	0.0005	0.0041
14	0.0046	0.0005	0.0042
15	0.0046	0.0005	0.0042
16	0.0047	0.0005	0.0042
17	0.0047	0.0005	0.0042
18	0.0047	0.0005	0.0042
19	0.0047	0.0005	0.0042
20	0.0047	0.0005	0.0042
21	0.0047	0.0005	0.0043
22	0.0048	0.0005	0.0043
23	0.0048	0.0005	0.0043
24	0.0048	0.0005	0.0043
25	0.0048	0.0005	0.0043
26	0.0048	0.0005	0.0043
27	0.0049	0.0005	0.0044
28	0.0049	0.0005	0.0044
29	0.0049	0.0005	0.0044
30	0.0049	0.0005	0.0044
31	0.0049	0.0005	0.0044
32	0.0049	0.0005	0.0044
33	0.0050	0.0005	0.0045
34	0.0050	0.0005	0.0045
35	0.0050	0.0005	0.0045
36	0.0050	0.0005	0.0045
37	0.0051	0.0005	0.0045

38	0.0051	0.0005	0.0045
39	0.0051	0.0005	0.0046
40	0.0051	0.0005	0.0046
41	0.0051	0.0005	0.0046
42	0.0051	0.0005	0.0046
43	0.0052	0.0005	0.0047
44	0.0052	0.0005	0.0047
45	0.0052	0.0005	0.0047
46	0.0052	0.0005	0.0047
47	0.0053	0.0005	0.0047
48	0.0053	0.0005	0.0047
49	0.0053	0.0005	0.0048
50	0.0053	0.0005	0.0048
51	0.0054	0.0005	0.0048
52	0.0054	0.0005	0.0048
53	0.0054	0.0005	0.0049
54	0.0054	0.0006	0.0049
55	0.0055	0.0006	0.0049
56	0.0055	0.0006	0.0049
57	0.0055	0.0006	0.0049
58	0.0055	0.0006	0.0050
59	0.0056	0.0006	0.0050
60	0.0056	0.0006	0.0050
61	0.0056	0.0006	0.0050
62	0.0056	0.0006	0.0051
63	0.0057	0.0006	0.0051
64	0.0057	0.0006	0.0051
65	0.0057	0.0006	0.0051
66	0.0057	0.0006	0.0052
67	0.0058	0.0006	0.0052
68	0.0058	0.0006	0.0052
69	0.0058	0.0006	0.0052
70	0.0059	0.0006	0.0053
71	0.0059	0.0006	0.0053
72	0.0059	0.0006	0.0053
73	0.0060	0.0006	0.0054
74	0.0060	0.0006	0.0054
75	0.0060	0.0006	0.0054
76	0.0060	0.0006	0.0054
77	0.0061	0.0006	0.0055
78	0.0061	0.0006	0.0055
79	0.0062	0.0006	0.0055
80	0.0062	0.0006	0.0055
81	0.0062	0.0006	0.0056
82	0.0062	0.0006	0.0056
83	0.0063	0.0006	0.0057
84	0.0063	0.0006	0.0057
85	0.0064	0.0006	0.0057
86	0.0064	0.0006	0.0057
87	0.0064	0.0007	0.0058

88	0.0065	0.0007	0.0058
89	0.0065	0.0007	0.0059
90	0.0065	0.0007	0.0059
91	0.0066	0.0007	0.0059
92	0.0066	0.0007	0.0060
93	0.0067	0.0007	0.0060
94	0.0067	0.0007	0.0060
95	0.0068	0.0007	0.0061
96	0.0068	0.0007	0.0061
97	0.0069	0.0007	0.0062
98	0.0069	0.0007	0.0062
99	0.0069	0.0007	0.0062
100	0.0070	0.0007	0.0063
101	0.0070	0.0007	0.0063
102	0.0071	0.0007	0.0064
103	0.0071	0.0007	0.0064
104	0.0072	0.0007	0.0064
105	0.0072	0.0007	0.0065
106	0.0073	0.0007	0.0065
107	0.0073	0.0007	0.0066
108	0.0074	0.0008	0.0066
109	0.0075	0.0008	0.0067
110	0.0075	0.0008	0.0067
111	0.0076	0.0008	0.0068
112	0.0076	0.0008	0.0068
113	0.0077	0.0008	0.0069
114	0.0077	0.0008	0.0069
115	0.0078	0.0008	0.0070
116	0.0079	0.0008	0.0071
117	0.0079	0.0008	0.0071
118	0.0080	0.0008	0.0072
119	0.0081	0.0008	0.0073
120	0.0081	0.0008	0.0073
121	0.0082	0.0008	0.0074
122	0.0083	0.0008	0.0074
123	0.0084	0.0008	0.0075
124	0.0084	0.0009	0.0076
125	0.0085	0.0009	0.0076
126	0.0086	0.0009	0.0077
127	0.0087	0.0009	0.0078
128	0.0087	0.0009	0.0078
129	0.0088	0.0009	0.0079
130	0.0089	0.0009	0.0080
131	0.0090	0.0009	0.0081
132	0.0091	0.0009	0.0082
133	0.0092	0.0009	0.0083
134	0.0093	0.0009	0.0083
135	0.0094	0.0010	0.0085
136	0.0095	0.0010	0.0085
137	0.0096	0.0010	0.0086

138	0.0097	0.0010	0.0087
139	0.0098	0.0010	0.0088
140	0.0099	0.0010	0.0089
141	0.0101	0.0010	0.0091
142	0.0102	0.0010	0.0091
143	0.0103	0.0011	0.0093
144	0.0104	0.0011	0.0094
145	0.0101	0.0010	0.0091
146	0.0102	0.0010	0.0092
147	0.0104	0.0011	0.0093
148	0.0105	0.0011	0.0094
149	0.0107	0.0011	0.0096
150	0.0108	0.0011	0.0097
151	0.0110	0.0011	0.0099
152	0.0111	0.0011	0.0100
153	0.0114	0.0012	0.0102
154	0.0115	0.0012	0.0103
155	0.0118	0.0012	0.0106
156	0.0119	0.0012	0.0107
157	0.0122	0.0012	0.0110
158	0.0123	0.0013	0.0111
159	0.0127	0.0013	0.0114
160	0.0128	0.0013	0.0115
161	0.0132	0.0013	0.0118
162	0.0133	0.0014	0.0120
163	0.0137	0.0014	0.0123
164	0.0139	0.0014	0.0125
165	0.0144	0.0015	0.0129
166	0.0146	0.0015	0.0131
167	0.0151	0.0015	0.0135
168	0.0153	0.0016	0.0138
169	0.0161	0.0016	0.0145
170	0.0164	0.0017	0.0148
171	0.0171	0.0017	0.0153
172	0.0174	0.0018	0.0156
173	0.0182	0.0018	0.0163
174	0.0186	0.0019	0.0167
175	0.0195	0.0020	0.0175
176	0.0199	0.0020	0.0179
177	0.0210	0.0021	0.0189
178	0.0216	0.0022	0.0194
179	0.0229	0.0022	0.0207
180	0.0237	0.0022	0.0215
181	0.0254	0.0022	0.0232
182	0.0263	0.0022	0.0241
183	0.0286	0.0022	0.0264
184	0.0299	0.0022	0.0278
185	0.0276	0.0022	0.0254
186	0.0294	0.0022	0.0272
187	0.0341	0.0022	0.0319

188	0.0372	0.0022	0.0351
189	0.0463	0.0022	0.0441
190	0.0533	0.0022	0.0512
191	0.0810	0.0022	0.0788
192	0.1175	0.0022	0.1153
193	0.5083	0.0022	0.5062
194	0.0637	0.0022	0.0615
195	0.0412	0.0022	0.0390
196	0.0316	0.0022	0.0294
197	0.0314	0.0022	0.0293
198	0.0274	0.0022	0.0252
199	0.0245	0.0022	0.0223
200	0.0222	0.0022	0.0201
201	0.0205	0.0021	0.0184
202	0.0190	0.0019	0.0171
203	0.0178	0.0018	0.0160
204	0.0167	0.0017	0.0150
205	0.0156	0.0016	0.0140
206	0.0148	0.0015	0.0133
207	0.0141	0.0014	0.0127
208	0.0135	0.0014	0.0122
209	0.0130	0.0013	0.0117
210	0.0125	0.0013	0.0112
211	0.0121	0.0012	0.0108
212	0.0116	0.0012	0.0105
213	0.0113	0.0011	0.0101
214	0.0109	0.0011	0.0098
215	0.0106	0.0011	0.0095
216	0.0103	0.0010	0.0093
217	0.0105	0.0011	0.0094
218	0.0103	0.0010	0.0092
219	0.0100	0.0010	0.0090
220	0.0098	0.0010	0.0088
221	0.0096	0.0010	0.0086
222	0.0093	0.0009	0.0084
223	0.0092	0.0009	0.0082
224	0.0090	0.0009	0.0081
225	0.0088	0.0009	0.0079
226	0.0086	0.0009	0.0077
227	0.0085	0.0009	0.0076
228	0.0083	0.0008	0.0075
229	0.0082	0.0008	0.0073
230	0.0080	0.0008	0.0072
231	0.0079	0.0008	0.0071
232	0.0078	0.0008	0.0070
233	0.0076	0.0008	0.0069
234	0.0075	0.0008	0.0068
235	0.0074	0.0008	0.0067
236	0.0073	0.0007	0.0066
237	0.0072	0.0007	0.0065

238	0.0071	0.0007	0.0064
239	0.0070	0.0007	0.0063
240	0.0069	0.0007	0.0062
241	0.0068	0.0007	0.0061
242	0.0067	0.0007	0.0061
243	0.0067	0.0007	0.0060
244	0.0066	0.0007	0.0059
245	0.0065	0.0007	0.0058
246	0.0064	0.0007	0.0058
247	0.0063	0.0006	0.0057
248	0.0063	0.0006	0.0056
249	0.0062	0.0006	0.0056
250	0.0061	0.0006	0.0055
251	0.0061	0.0006	0.0054
252	0.0060	0.0006	0.0054
253	0.0059	0.0006	0.0053
254	0.0059	0.0006	0.0053
255	0.0058	0.0006	0.0052
256	0.0058	0.0006	0.0052
257	0.0057	0.0006	0.0051
258	0.0056	0.0006	0.0051
259	0.0056	0.0006	0.0050
260	0.0055	0.0006	0.0050
261	0.0055	0.0006	0.0049
262	0.0054	0.0006	0.0049
263	0.0054	0.0005	0.0048
264	0.0053	0.0005	0.0048
265	0.0053	0.0005	0.0048
266	0.0052	0.0005	0.0047
267	0.0052	0.0005	0.0047
268	0.0052	0.0005	0.0046
269	0.0051	0.0005	0.0046
270	0.0051	0.0005	0.0046
271	0.0050	0.0005	0.0045
272	0.0050	0.0005	0.0045
273	0.0050	0.0005	0.0045
274	0.0049	0.0005	0.0044
275	0.0049	0.0005	0.0044
276	0.0048	0.0005	0.0044
277	0.0048	0.0005	0.0043
278	0.0048	0.0005	0.0043
279	0.0047	0.0005	0.0043
280	0.0047	0.0005	0.0042
281	0.0047	0.0005	0.0042
282	0.0046	0.0005	0.0042
283	0.0046	0.0005	0.0041
284	0.0046	0.0005	0.0041
285	0.0045	0.0005	0.0041
286	0.0045	0.0005	0.0041
287	0.0045	0.0005	0.0040

288 0.0045 0.0005 0.0040

Total soil rain loss = 0.26(In)
Total effective rainfall = 3.16(In)
Peak flow rate in flood hydrograph = 542.47(CFS)

++

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

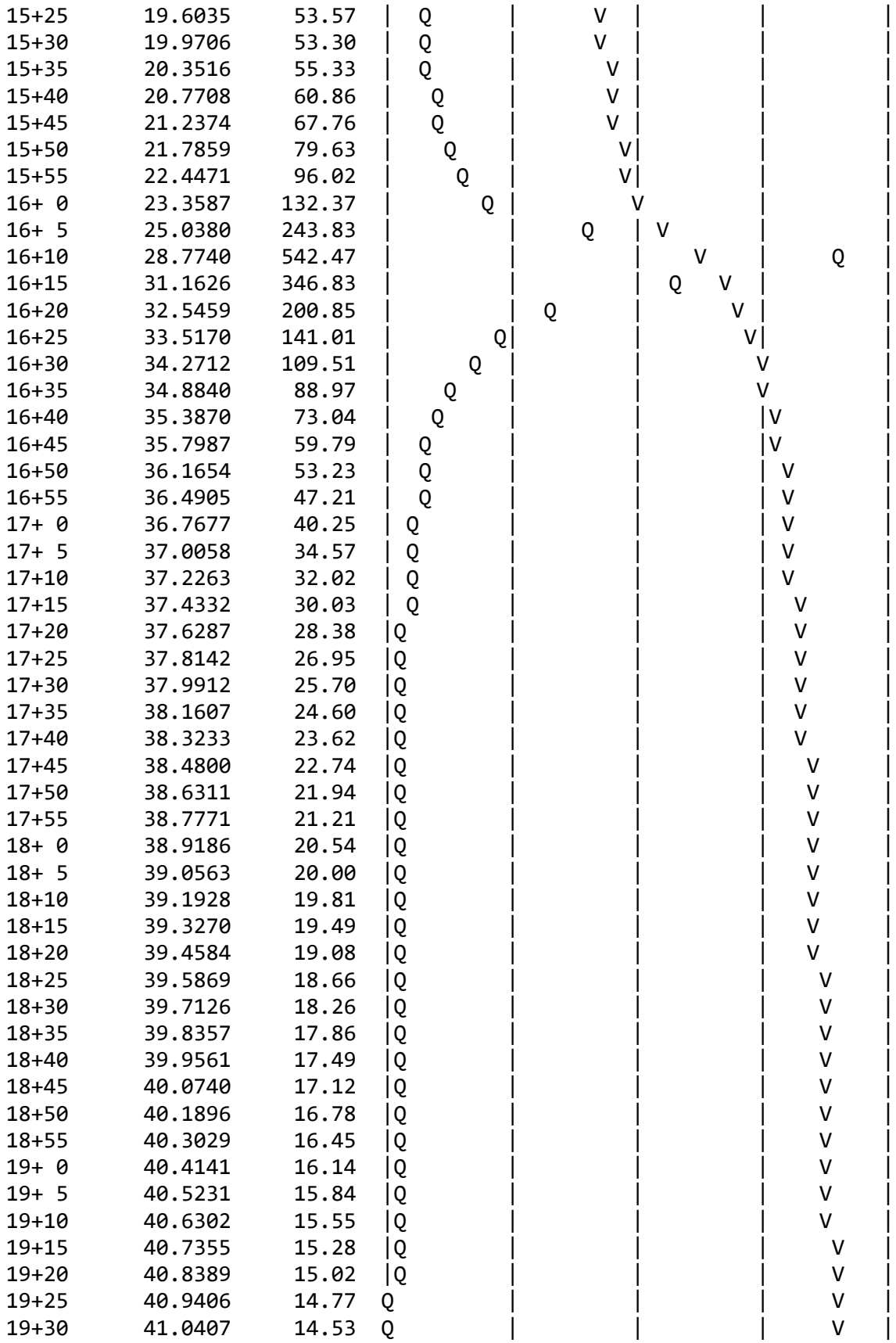
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	150.0	300.0	450.0	600.0
0+ 5	0.0044	0.64	Q				
0+10	0.0330	4.15	Q				
0+15	0.0749	6.08	Q				
0+20	0.1227	6.94	Q				
0+25	0.1739	7.44	Q				
0+30	0.2275	7.77	Q				
0+35	0.2826	8.01	Q				
0+40	0.3389	8.17	Q				
0+45	0.3959	8.28	Q				
0+50	0.4535	8.37	Q				
0+55	0.5118	8.45	Q				
1+ 0	0.5704	8.51	Q				
1+ 5	0.6291	8.54	Q				
1+10	0.6881	8.57	Q				
1+15	0.7473	8.59	Q				
1+20	0.8067	8.63	Q				
1+25	0.8664	8.66	Q				
1+30	0.9262	8.69	Q				
1+35	0.9862	8.72	Q				
1+40	1.0465	8.75	Q				
1+45	1.1069	8.78	Q				
1+50	1.1676	8.81	QV				
1+55	1.2286	8.84	QV				
2+ 0	1.2897	8.88	QV				
2+ 5	1.3510	8.91	QV				
2+10	1.4126	8.94	QV				
2+15	1.4745	8.97	QV				
2+20	1.5365	9.01	QV				
2+25	1.5988	9.04	QV				
2+30	1.6613	9.08	QV				
2+35	1.7241	9.11	QV				
2+40	1.7871	9.15	QV				
2+45	1.8503	9.18	QV				
2+50	1.9138	9.22	QV				

2+55	1.9775	9.25	QV	|	|	|	|
3+ 0	2.0415	9.29	QV	|	|	|	|
3+ 5	2.1058	9.33	QV	|	|	|	|
3+10	2.1703	9.37	QV	|	|	|	|
3+15	2.2350	9.40	QV	|	|	|	|
3+20	2.3001	9.44	Q V	|	|	|	|
3+25	2.3654	9.48	Q V	|	|	|	|
3+30	2.4309	9.52	Q V	|	|	|	|
3+35	2.4967	9.56	Q V	|	|	|	|
3+40	2.5628	9.60	Q V	|	|	|	|
3+45	2.6292	9.64	Q V	|	|	|	|
3+50	2.6959	9.68	Q V	|	|	|	|
3+55	2.7628	9.72	Q V	|	|	|	|
4+ 0	2.8300	9.76	Q V	|	|	|	|
4+ 5	2.8975	9.80	Q V	|	|	|	|
4+10	2.9653	9.85	Q V	|	|	|	|
4+15	3.0334	9.89	Q V	|	|	|	|
4+20	3.1018	9.93	Q V	|	|	|	|
4+25	3.1705	9.97	Q V	|	|	|	|
4+30	3.2395	10.02	Q V	|	|	|	|
4+35	3.3088	10.06	Q V	|	|	|	|
4+40	3.3784	10.11	Q V	|	|	|	|
4+45	3.4484	10.15	Q V	|	|	|	|
4+50	3.5186	10.20	Q V	|	|	|	|
4+55	3.5892	10.25	Q V	|	|	|	|
5+ 0	3.6601	10.30	Q V	|	|	|	|
5+ 5	3.7314	10.34	Q V	|	|	|	|
5+10	3.8030	10.39	Q V	|	|	|	|
5+15	3.8749	10.44	Q V	|	|	|	|
5+20	3.9471	10.49	Q V	|	|	|	|
5+25	4.0197	10.54	Q V	|	|	|	|
5+30	4.0927	10.60	Q V	|	|	|	|
5+35	4.1660	10.64	Q V	|	|	|	|
5+40	4.2397	10.70	Q V	|	|	|	|
5+45	4.3137	10.75	Q V	|	|	|	|
5+50	4.3882	10.81	Q V	|	|	|	|
5+55	4.4629	10.86	Q V	|	|	|	|
6+ 0	4.5381	10.92	Q V	|	|	|	|
6+ 5	4.6137	10.97	Q V	|	|	|	|
6+10	4.6896	11.03	Q V	|	|	|	|
6+15	4.7660	11.08	Q V	|	|	|	|
6+20	4.8427	11.15	Q V	|	|	|	|
6+25	4.9199	11.20	Q V	|	|	|	|
6+30	4.9975	11.27	Q V	|	|	|	|
6+35	5.0754	11.32	Q V	|	|	|	|
6+40	5.1539	11.39	Q V	|	|	|	|
6+45	5.2327	11.45	Q V	|	|	|	|
6+50	5.3120	11.51	Q V	|	|	|	|
6+55	5.3917	11.57	Q V	|	|	|	|
7+ 0	5.4719	11.64	Q V	|	|	|	|

```
 7+ 5       5.5525     11.71  Q   V     |          |          |          |
 7+10       5.6336     11.78  Q   V     |          |          |          |
 7+15       5.7152     11.84  Q    V    |          |          |          |
 7+20       5.7973     11.92  Q    V    |          |          |          |
 7+25       5.8798     11.98  Q    V    |          |          |          |
 7+30       5.9628     12.06  Q    V    |          |          |          |
 7+35       6.0463     12.13  Q    V    |          |          |          |
 7+40       6.1304     12.20  Q    V    |          |          |          |
 7+45       6.2149     12.27  Q    V    |          |          |          |
 7+50       6.3000     12.35  Q    V    |          |          |          |
 7+55       6.3856     12.43  Q    V    |          |          |          |
 8+ 0       6.4717     12.51  Q    V    |          |          |          |
 8+ 5       6.5584     12.59  Q    V    |          |          |          |
 8+10       6.6457     12.67  Q    V    |          |          |          |
 8+15       6.7335     12.75  Q    V    |          |          |          |
 8+20       6.8219     12.84  Q     V   |          |          |          |
 8+25       6.9109     12.92  Q     V   |          |          |          |
 8+30       7.0005     13.01  Q     V   |          |          |          |
 8+35       7.0907     13.09  Q     V   |          |          |          |
 8+40       7.1815     13.19  Q     V   |          |          |          |
 8+45       7.2730     13.28  Q     V   |          |          |          |
 8+50       7.3651     13.38  Q     V   |          |          |          |
 8+55       7.4578     13.47  Q     V   |          |          |          |
 9+ 0       7.5513     13.57  Q     V   |          |          |          |
 9+ 5       7.6454     13.66  Q     V   |          |          |          |
 9+10       7.7402     13.77  Q     V   |          |          |          |
 9+15       7.8357     13.86  Q     V   |          |          |          |
 9+20       7.9319     13.98  Q      V  |          |          |          |
 9+25       8.0288     14.08  Q      V  |          |          |          |
 9+30       8.1266     14.19  Q      V  |          |          |          |
 9+35       8.2250     14.30  Q      V  |          |          |          |
 9+40       8.3243     14.42  Q      V  |          |          |          |
 9+45       8.4243     14.52  Q      V  |          |          |          |
 9+50       8.5252     14.65  Q      V  |          |          |          |
 9+55       8.6269     14.76  Q      V  |          |          |          |
10+ 0       8.7295     14.89  Q      V  |          |          |          |
10+ 5       8.8329     15.01  |Q     V  |          |          |          |
10+10       8.9372     15.15  |Q     V  |          |          |          |
10+15       9.0424     15.27  |Q      V |          |          |          |
10+20       9.1486     15.42  |Q      V |          |          |          |
10+25       9.2556     15.55  |Q      V |          |          |          |
10+30       9.3637     15.70  |Q      V |          |          |          |
10+35       9.4728     15.83  |Q      V |          |          |          |
10+40       9.5829     15.99  |Q      V |          |          |          |
10+45       9.6940     16.13  |Q      V |          |          |          |
10+50       9.8062     16.30  |Q      V |          |          |          |
10+55       9.9194     16.45  |Q      V |          |          |          |
11+ 0      10.0339     16.62  |Q      V |          |          |          |
11+ 5      10.1494     16.78  |Q      V |          |          |          |
11+10      10.2662     16.96  |Q       V|          |          |          |
```

11+15	10.3842	17.13	Q	V			
11+20	10.5035	17.32	Q	V			
11+25	10.6239	17.49	Q	V			
11+30	10.7458	17.70	Q	V			
11+35	10.8690	17.88	Q	V			
11+40	10.9937	18.10	Q	V			
11+45	11.1197	18.30	Q	V			
11+50	11.2473	18.53	Q	V			
11+55	11.3763	18.74	Q	V			
12+ 0	11.5070	18.98	Q	V			
12+ 5	11.6388	19.13	Q	V			
12+10	11.7697	19.01	Q	V			
12+15	11.9008	19.03	Q	V			
12+20	12.0331	19.21	Q	V			
12+25	12.1667	19.41	Q	V			
12+30	12.3022	19.67	Q	V			
12+35	12.4394	19.92	Q	V			
12+40	12.5786	20.22	Q	V			
12+45	12.7198	20.50	Q	V			
12+50	12.8633	20.83	Q	V			
12+55	13.0089	21.14	Q	V			
13+ 0	13.1570	21.51	Q	V			
13+ 5	13.3075	21.85	Q	V			
13+10	13.4608	22.26	Q	V			
13+15	13.6167	22.63	Q	V			
13+20	13.7756	23.07	Q	V			
13+25	13.9374	23.48	Q	V			
13+30	14.1025	23.97	Q	V			
13+35	14.2707	24.42	Q	V			
13+40	14.4426	24.97	Q	V			
13+45	14.6180	25.47	Q	V			
13+50	14.7976	26.07	Q	V			
13+55	14.9810	26.63	Q	V			
14+ 0	15.1691	27.31	Q	V			
14+ 5	15.3618	27.98	Q	V			
14+10	15.5612	28.95	Q	V			
14+15	15.7664	29.79	Q	V			
14+20	15.9780	30.72	Q	V			
14+25	16.1955	31.59	Q	V			
14+30	16.4203	32.64	Q	V			
14+35	16.6519	33.63	Q	V			
14+40	16.8919	34.85	Q	V			
14+45	17.1399	36.01	Q	V			
14+50	17.3981	37.48	Q	V			
14+55	17.6661	38.92	Q	V			
15+ 0	17.9475	40.85	Q	V			
15+ 5	18.2420	42.77	Q	V			
15+10	18.5538	45.27	Q	V			
15+15	18.8827	47.76	Q	V			
15+20	19.2345	51.08	Q	V			



19+35	41.1391	14.30	Q	|	|	|	V |
19+40	41.2361	14.08	Q	|	|	|	V |
19+45	41.3316	13.87	Q	|	|	|	V |
19+50	41.4257	13.66	Q	|	|	|	V |
19+55	41.5184	13.47	Q	|	|	|	V |
20+ 0	41.6099	13.28	Q	|	|	|	V |
20+ 5	41.7001	13.10	Q	|	|	|	V |
20+10	41.7891	12.92	Q	|	|	|	V |
20+15	41.8769	12.75	Q	|	|	|	V |
20+20	41.9636	12.59	Q	|	|	|	V |
20+25	42.0492	12.43	Q	|	|	|	V |
20+30	42.1337	12.27	Q	|	|	|	V |
20+35	42.2172	12.13	Q	|	|	|	V |
20+40	42.2997	11.98	Q	|	|	|	V |
20+45	42.3813	11.84	Q	|	|	|	V |
20+50	42.4619	11.71	Q	|	|	|	V |
20+55	42.5416	11.57	Q	|	|	|	V |
21+ 0	42.6204	11.45	Q	|	|	|	V |
21+ 5	42.6984	11.32	Q	|	|	|	V |
21+10	42.7755	11.20	Q	|	|	|	V |
21+15	42.8519	11.08	Q	|	|	|	V |
21+20	42.9274	10.97	Q	|	|	|	V |
21+25	43.0022	10.86	Q	|	|	|	V |
21+30	43.0762	10.75	Q	|	|	|	V |
21+35	43.1495	10.64	Q	|	|	|	V |
21+40	43.2221	10.54	Q	|	|	|	V |
21+45	43.2940	10.44	Q	|	|	|	V |
21+50	43.3652	10.34	Q	|	|	|	V |
21+55	43.4358	10.25	Q	|	|	|	V |
22+ 0	43.5057	10.15	Q	|	|	|	V |
22+ 5	43.5750	10.06	Q	|	|	|	V |
22+10	43.6437	9.97	Q	|	|	|	V |
22+15	43.7117	9.88	Q	|	|	|	V |
22+20	43.7792	9.80	Q	|	|	|	V |
22+25	43.8461	9.72	Q	|	|	|	V |
22+30	43.9125	9.63	Q	|	|	|	V |
22+35	43.9783	9.56	Q	|	|	|	V |
22+40	44.0436	9.48	Q	|	|	|	V|
22+45	44.1083	9.40	Q	|	|	|	V|
22+50	44.1726	9.33	Q	|	|	|	V|
22+55	44.2363	9.25	Q	|	|	|	V|
23+ 0	44.2995	9.18	Q	|	|	|	V|
23+ 5	44.3622	9.11	Q	|	|	|	V|
23+10	44.4245	9.04	Q	|	|	|	V|
23+15	44.4863	8.97	Q	|	|	|	V|
23+20	44.5477	8.91	Q	|	|	|	V|
23+25	44.6086	8.84	Q	|	|	|	V|
23+30	44.6690	8.78	Q	|	|	|	V|
23+35	44.7290	8.72	Q	|	|	|	V|
23+40	44.7886	8.65	Q	|	|	|	V|

```
   23+45      44.8478      8.59  Q        |         |         |        V|
   23+50      44.9066      8.53  Q        |         |         |        V|
   23+55      44.9650      8.48  Q        |         |         |        V|
   24+ 0      45.0230      8.42  Q        |         |         |        V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/06/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area A
10-year Developed

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
47.41	1	0.61
Rainfall data for year 10		
47.41	6	1.24
Rainfall data for year 10		
47.41	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	47.41	1.000	0.548	0.100	0.055

Area-averaged adjusted loss rate Fm (In/Hr) = 0.055

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
4.74	0.100	69.0	69.0	4.49	0.124
42.67	0.900	98.0	98.0	0.20	0.894

Area-averaged catchment yield fraction, Y = 0.817
Area-averaged low loss fraction, Yb = 0.183
User entry of time of concentration = 0.221 (hours)
++
Watershed area = 47.41(Ac.)
Catchment Lag time = 0.177 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 47.1620
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.055(In/Hr)
Average low loss rate fraction (Yb) = 0.183 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 47.41(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.288(In)
30-minute factor = 0.998 Adjusted rainfall = 0.494(In)
1-hour factor = 0.998 Adjusted rainfall = 0.608(In)
3-hour factor = 1.000 Adjusted rainfall = 0.942(In)
6-hour factor = 1.000 Adjusted rainfall = 1.240(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 573.36 (CFS))	
1	3.598	20.628
2	27.153	135.056
3	57.843	175.965
4	71.760	79.798
5	79.835	46.300
6	85.165	30.559
7	89.031	22.163
8	91.745	15.561
9	93.875	12.216
10	95.494	9.280
11	96.745	7.176
12	97.641	5.135
13	98.199	3.199
14	98.740	3.104
15	99.303	3.226
16	99.694	2.242
17	100.000	1.756

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2883	0.2883
2	0.3550	0.0666
3	0.4009	0.0459
4	0.4370	0.0361
5	0.4673	0.0303
6	0.4936	0.0263
7	0.5169	0.0234
8	0.5381	0.0211
9	0.5574	0.0194
10	0.5753	0.0179
11	0.5920	0.0167
12	0.6076	0.0157
13	0.6273	0.0197
14	0.6462	0.0188
15	0.6642	0.0180
16	0.6815	0.0173
17	0.6981	0.0167
18	0.7142	0.0161
19	0.7298	0.0156
20	0.7449	0.0151
21	0.7595	0.0146
22	0.7737	0.0142
23	0.7875	0.0138
24	0.8010	0.0135
25	0.8142	0.0131

26	0.8270	0.0128
27	0.8395	0.0125
28	0.8518	0.0123
29	0.8638	0.0120
30	0.8755	0.0118
31	0.8871	0.0115
32	0.8984	0.0113
33	0.9094	0.0111
34	0.9203	0.0109
35	0.9310	0.0107
36	0.9415	0.0105
37	0.9518	0.0103
38	0.9620	0.0101
39	0.9719	0.0100
40	0.9818	0.0098
41	0.9914	0.0097
42	1.0010	0.0095
43	1.0104	0.0094
44	1.0196	0.0093
45	1.0288	0.0091
46	1.0378	0.0090
47	1.0467	0.0089
48	1.0555	0.0088
49	1.0641	0.0087
50	1.0727	0.0086
51	1.0812	0.0085
52	1.0895	0.0084
53	1.0978	0.0083
54	1.1060	0.0082
55	1.1141	0.0081
56	1.1221	0.0080
57	1.1300	0.0079
58	1.1378	0.0078
59	1.1456	0.0077
60	1.1532	0.0077
61	1.1608	0.0076
62	1.1684	0.0075
63	1.1758	0.0074
64	1.1832	0.0074
65	1.1905	0.0073
66	1.1977	0.0072
67	1.2049	0.0072
68	1.2120	0.0071
69	1.2190	0.0070
70	1.2260	0.0070
71	1.2330	0.0069
72	1.2398	0.0069
73	1.2465	0.0067
74	1.2531	0.0066
75	1.2597	0.0066

76	1.2663	0.0065
77	1.2727	0.0065
78	1.2792	0.0064
79	1.2855	0.0064
80	1.2919	0.0063
81	1.2981	0.0063
82	1.3044	0.0062
83	1.3106	0.0062
84	1.3167	0.0061
85	1.3228	0.0061
86	1.3289	0.0061
87	1.3349	0.0060
88	1.3408	0.0060
89	1.3468	0.0059
90	1.3526	0.0059
91	1.3585	0.0058
92	1.3643	0.0058
93	1.3701	0.0058
94	1.3758	0.0057
95	1.3815	0.0057
96	1.3872	0.0057
97	1.3928	0.0056
98	1.3984	0.0056
99	1.4039	0.0056
100	1.4094	0.0055
101	1.4149	0.0055
102	1.4204	0.0055
103	1.4258	0.0054
104	1.4312	0.0054
105	1.4365	0.0054
106	1.4419	0.0053
107	1.4471	0.0053
108	1.4524	0.0053
109	1.4576	0.0052
110	1.4629	0.0052
111	1.4680	0.0052
112	1.4732	0.0051
113	1.4783	0.0051
114	1.4834	0.0051
115	1.4885	0.0051
116	1.4935	0.0050
117	1.4985	0.0050
118	1.5035	0.0050
119	1.5085	0.0050
120	1.5134	0.0049
121	1.5183	0.0049
122	1.5232	0.0049
123	1.5280	0.0049
124	1.5329	0.0048
125	1.5377	0.0048

126	1.5425	0.0048
127	1.5472	0.0048
128	1.5520	0.0047
129	1.5567	0.0047
130	1.5614	0.0047
131	1.5661	0.0047
132	1.5707	0.0047
133	1.5754	0.0046
134	1.5800	0.0046
135	1.5846	0.0046
136	1.5892	0.0046
137	1.5937	0.0046
138	1.5982	0.0045
139	1.6027	0.0045
140	1.6072	0.0045
141	1.6117	0.0045
142	1.6162	0.0045
143	1.6206	0.0044
144	1.6250	0.0044
145	1.6294	0.0044
146	1.6338	0.0044
147	1.6381	0.0044
148	1.6425	0.0043
149	1.6468	0.0043
150	1.6511	0.0043
151	1.6554	0.0043
152	1.6597	0.0043
153	1.6639	0.0043
154	1.6682	0.0042
155	1.6724	0.0042
156	1.6766	0.0042
157	1.6808	0.0042
158	1.6849	0.0042
159	1.6891	0.0042
160	1.6932	0.0041
161	1.6974	0.0041
162	1.7015	0.0041
163	1.7056	0.0041
164	1.7096	0.0041
165	1.7137	0.0041
166	1.7177	0.0040
167	1.7218	0.0040
168	1.7258	0.0040
169	1.7298	0.0040
170	1.7338	0.0040
171	1.7377	0.0040
172	1.7417	0.0040
173	1.7457	0.0039
174	1.7496	0.0039
175	1.7535	0.0039

176	1.7574	0.0039
177	1.7613	0.0039
178	1.7652	0.0039
179	1.7690	0.0039
180	1.7729	0.0039
181	1.7767	0.0038
182	1.7806	0.0038
183	1.7844	0.0038
184	1.7882	0.0038
185	1.7920	0.0038
186	1.7957	0.0038
187	1.7995	0.0038
188	1.8032	0.0037
189	1.8070	0.0037
190	1.8107	0.0037
191	1.8144	0.0037
192	1.8181	0.0037
193	1.8218	0.0037
194	1.8255	0.0037
195	1.8292	0.0037
196	1.8328	0.0037
197	1.8365	0.0036
198	1.8401	0.0036
199	1.8437	0.0036
200	1.8473	0.0036
201	1.8509	0.0036
202	1.8545	0.0036
203	1.8581	0.0036
204	1.8617	0.0036
205	1.8652	0.0036
206	1.8688	0.0035
207	1.8723	0.0035
208	1.8758	0.0035
209	1.8793	0.0035
210	1.8828	0.0035
211	1.8863	0.0035
212	1.8898	0.0035
213	1.8933	0.0035
214	1.8968	0.0035
215	1.9002	0.0035
216	1.9037	0.0034
217	1.9071	0.0034
218	1.9105	0.0034
219	1.9139	0.0034
220	1.9173	0.0034
221	1.9207	0.0034
222	1.9241	0.0034
223	1.9275	0.0034
224	1.9309	0.0034
225	1.9342	0.0034

226	1.9376	0.0034
227	1.9409	0.0033
228	1.9443	0.0033
229	1.9476	0.0033
230	1.9509	0.0033
231	1.9542	0.0033
232	1.9575	0.0033
233	1.9608	0.0033
234	1.9641	0.0033
235	1.9673	0.0033
236	1.9706	0.0033
237	1.9739	0.0033
238	1.9771	0.0032
239	1.9803	0.0032
240	1.9836	0.0032
241	1.9868	0.0032
242	1.9900	0.0032
243	1.9932	0.0032
244	1.9964	0.0032
245	1.9996	0.0032
246	2.0028	0.0032
247	2.0060	0.0032
248	2.0091	0.0032
249	2.0123	0.0032
250	2.0154	0.0032
251	2.0186	0.0031
252	2.0217	0.0031
253	2.0248	0.0031
254	2.0280	0.0031
255	2.0311	0.0031
256	2.0342	0.0031
257	2.0373	0.0031
258	2.0404	0.0031
259	2.0434	0.0031
260	2.0465	0.0031
261	2.0496	0.0031
262	2.0527	0.0031
263	2.0557	0.0031
264	2.0588	0.0030
265	2.0618	0.0030
266	2.0648	0.0030
267	2.0679	0.0030
268	2.0709	0.0030
269	2.0739	0.0030
270	2.0769	0.0030
271	2.0799	0.0030
272	2.0829	0.0030
273	2.0859	0.0030
274	2.0888	0.0030
275	2.0918	0.0030

276	2.0948	0.0030
277	2.0977	0.0030
278	2.1007	0.0030
279	2.1036	0.0029
280	2.1066	0.0029
281	2.1095	0.0029
282	2.1124	0.0029
283	2.1154	0.0029
284	2.1183	0.0029
285	2.1212	0.0029
286	2.1241	0.0029
287	2.1270	0.0029
288	2.1299	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0005	0.0024
2	0.0029	0.0005	0.0024
3	0.0029	0.0005	0.0024
4	0.0029	0.0005	0.0024
5	0.0029	0.0005	0.0024
6	0.0029	0.0005	0.0024
7	0.0029	0.0005	0.0024
8	0.0030	0.0005	0.0024
9	0.0030	0.0005	0.0024
10	0.0030	0.0005	0.0024
11	0.0030	0.0005	0.0024
12	0.0030	0.0005	0.0024
13	0.0030	0.0006	0.0025
14	0.0030	0.0006	0.0025
15	0.0030	0.0006	0.0025
16	0.0030	0.0006	0.0025
17	0.0030	0.0006	0.0025
18	0.0031	0.0006	0.0025
19	0.0031	0.0006	0.0025
20	0.0031	0.0006	0.0025
21	0.0031	0.0006	0.0025
22	0.0031	0.0006	0.0025
23	0.0031	0.0006	0.0025
24	0.0031	0.0006	0.0025
25	0.0031	0.0006	0.0026
26	0.0031	0.0006	0.0026
27	0.0032	0.0006	0.0026
28	0.0032	0.0006	0.0026
29	0.0032	0.0006	0.0026
30	0.0032	0.0006	0.0026
31	0.0032	0.0006	0.0026
32	0.0032	0.0006	0.0026

33	0.0032	0.0006	0.0026
34	0.0032	0.0006	0.0026
35	0.0033	0.0006	0.0027
36	0.0033	0.0006	0.0027
37	0.0033	0.0006	0.0027
38	0.0033	0.0006	0.0027
39	0.0033	0.0006	0.0027
40	0.0033	0.0006	0.0027
41	0.0033	0.0006	0.0027
42	0.0033	0.0006	0.0027
43	0.0034	0.0006	0.0027
44	0.0034	0.0006	0.0028
45	0.0034	0.0006	0.0028
46	0.0034	0.0006	0.0028
47	0.0034	0.0006	0.0028
48	0.0034	0.0006	0.0028
49	0.0034	0.0006	0.0028
50	0.0035	0.0006	0.0028
51	0.0035	0.0006	0.0028
52	0.0035	0.0006	0.0028
53	0.0035	0.0006	0.0029
54	0.0035	0.0006	0.0029
55	0.0035	0.0006	0.0029
56	0.0035	0.0007	0.0029
57	0.0036	0.0007	0.0029
58	0.0036	0.0007	0.0029
59	0.0036	0.0007	0.0029
60	0.0036	0.0007	0.0029
61	0.0036	0.0007	0.0030
62	0.0036	0.0007	0.0030
63	0.0037	0.0007	0.0030
64	0.0037	0.0007	0.0030
65	0.0037	0.0007	0.0030
66	0.0037	0.0007	0.0030
67	0.0037	0.0007	0.0031
68	0.0037	0.0007	0.0031
69	0.0038	0.0007	0.0031
70	0.0038	0.0007	0.0031
71	0.0038	0.0007	0.0031
72	0.0038	0.0007	0.0031
73	0.0039	0.0007	0.0031
74	0.0039	0.0007	0.0032
75	0.0039	0.0007	0.0032
76	0.0039	0.0007	0.0032
77	0.0039	0.0007	0.0032
78	0.0039	0.0007	0.0032
79	0.0040	0.0007	0.0032
80	0.0040	0.0007	0.0033
81	0.0040	0.0007	0.0033
82	0.0040	0.0007	0.0033

83	0.0041	0.0007	0.0033
84	0.0041	0.0007	0.0033
85	0.0041	0.0008	0.0034
86	0.0041	0.0008	0.0034
87	0.0042	0.0008	0.0034
88	0.0042	0.0008	0.0034
89	0.0042	0.0008	0.0034
90	0.0042	0.0008	0.0034
91	0.0043	0.0008	0.0035
92	0.0043	0.0008	0.0035
93	0.0043	0.0008	0.0035
94	0.0043	0.0008	0.0035
95	0.0044	0.0008	0.0036
96	0.0044	0.0008	0.0036
97	0.0044	0.0008	0.0036
98	0.0044	0.0008	0.0036
99	0.0045	0.0008	0.0037
100	0.0045	0.0008	0.0037
101	0.0045	0.0008	0.0037
102	0.0046	0.0008	0.0037
103	0.0046	0.0008	0.0037
104	0.0046	0.0008	0.0038
105	0.0047	0.0009	0.0038
106	0.0047	0.0009	0.0038
107	0.0047	0.0009	0.0039
108	0.0047	0.0009	0.0039
109	0.0048	0.0009	0.0039
110	0.0048	0.0009	0.0039
111	0.0049	0.0009	0.0040
112	0.0049	0.0009	0.0040
113	0.0049	0.0009	0.0040
114	0.0050	0.0009	0.0041
115	0.0050	0.0009	0.0041
116	0.0050	0.0009	0.0041
117	0.0051	0.0009	0.0042
118	0.0051	0.0009	0.0042
119	0.0052	0.0009	0.0042
120	0.0052	0.0010	0.0043
121	0.0053	0.0010	0.0043
122	0.0053	0.0010	0.0043
123	0.0054	0.0010	0.0044
124	0.0054	0.0010	0.0044
125	0.0055	0.0010	0.0045
126	0.0055	0.0010	0.0045
127	0.0056	0.0010	0.0045
128	0.0056	0.0010	0.0046
129	0.0057	0.0010	0.0046
130	0.0057	0.0010	0.0047
131	0.0058	0.0011	0.0047
132	0.0058	0.0011	0.0047

133	0.0059	0.0011	0.0048
134	0.0059	0.0011	0.0048
135	0.0060	0.0011	0.0049
136	0.0061	0.0011	0.0049
137	0.0061	0.0011	0.0050
138	0.0062	0.0011	0.0051
139	0.0063	0.0012	0.0051
140	0.0063	0.0012	0.0052
141	0.0064	0.0012	0.0052
142	0.0065	0.0012	0.0053
143	0.0066	0.0012	0.0054
144	0.0066	0.0012	0.0054
145	0.0069	0.0013	0.0056
146	0.0069	0.0013	0.0057
147	0.0070	0.0013	0.0058
148	0.0071	0.0013	0.0058
149	0.0072	0.0013	0.0059
150	0.0073	0.0013	0.0060
151	0.0074	0.0014	0.0061
152	0.0075	0.0014	0.0061
153	0.0077	0.0014	0.0063
154	0.0077	0.0014	0.0063
155	0.0079	0.0015	0.0065
156	0.0080	0.0015	0.0065
157	0.0082	0.0015	0.0067
158	0.0083	0.0015	0.0068
159	0.0085	0.0016	0.0069
160	0.0086	0.0016	0.0070
161	0.0088	0.0016	0.0072
162	0.0089	0.0016	0.0073
163	0.0091	0.0017	0.0075
164	0.0093	0.0017	0.0076
165	0.0095	0.0017	0.0078
166	0.0097	0.0018	0.0079
167	0.0100	0.0018	0.0081
168	0.0101	0.0019	0.0083
169	0.0105	0.0019	0.0086
170	0.0107	0.0020	0.0087
171	0.0111	0.0020	0.0091
172	0.0113	0.0021	0.0092
173	0.0118	0.0022	0.0096
174	0.0120	0.0022	0.0098
175	0.0125	0.0023	0.0102
176	0.0128	0.0024	0.0105
177	0.0135	0.0025	0.0110
178	0.0138	0.0025	0.0113
179	0.0146	0.0027	0.0119
180	0.0151	0.0028	0.0123
181	0.0161	0.0030	0.0131
182	0.0167	0.0031	0.0136

183	0.0180	0.0033	0.0147
184	0.0188	0.0034	0.0154
185	0.0157	0.0029	0.0128
186	0.0167	0.0031	0.0136
187	0.0194	0.0035	0.0158
188	0.0211	0.0039	0.0173
189	0.0263	0.0046	0.0217
190	0.0303	0.0046	0.0257
191	0.0459	0.0046	0.0413
192	0.0666	0.0046	0.0621
193	0.2883	0.0046	0.2838
194	0.0361	0.0046	0.0316
195	0.0234	0.0043	0.0191
196	0.0179	0.0033	0.0146
197	0.0197	0.0036	0.0161
198	0.0173	0.0032	0.0141
199	0.0156	0.0029	0.0127
200	0.0142	0.0026	0.0116
201	0.0131	0.0024	0.0107
202	0.0123	0.0022	0.0100
203	0.0115	0.0021	0.0094
204	0.0109	0.0020	0.0089
205	0.0103	0.0019	0.0084
206	0.0098	0.0018	0.0080
207	0.0094	0.0017	0.0077
208	0.0090	0.0017	0.0074
209	0.0087	0.0016	0.0071
210	0.0084	0.0015	0.0068
211	0.0081	0.0015	0.0066
212	0.0078	0.0014	0.0064
213	0.0076	0.0014	0.0062
214	0.0074	0.0014	0.0060
215	0.0072	0.0013	0.0059
216	0.0070	0.0013	0.0057
217	0.0067	0.0012	0.0055
218	0.0065	0.0012	0.0053
219	0.0064	0.0012	0.0052
220	0.0062	0.0011	0.0051
221	0.0061	0.0011	0.0050
222	0.0060	0.0011	0.0049
223	0.0058	0.0011	0.0048
224	0.0057	0.0011	0.0047
225	0.0056	0.0010	0.0046
226	0.0055	0.0010	0.0045
227	0.0054	0.0010	0.0044
228	0.0053	0.0010	0.0043
229	0.0052	0.0010	0.0043
230	0.0051	0.0009	0.0042
231	0.0051	0.0009	0.0041
232	0.0050	0.0009	0.0041

233	0.0049	0.0009	0.0040
234	0.0048	0.0009	0.0040
235	0.0048	0.0009	0.0039
236	0.0047	0.0009	0.0038
237	0.0046	0.0008	0.0038
238	0.0046	0.0008	0.0037
239	0.0045	0.0008	0.0037
240	0.0045	0.0008	0.0036
241	0.0044	0.0008	0.0036
242	0.0043	0.0008	0.0035
243	0.0043	0.0008	0.0035
244	0.0042	0.0008	0.0035
245	0.0042	0.0008	0.0034
246	0.0041	0.0008	0.0034
247	0.0041	0.0008	0.0033
248	0.0040	0.0007	0.0033
249	0.0040	0.0007	0.0033
250	0.0040	0.0007	0.0032
251	0.0039	0.0007	0.0032
252	0.0039	0.0007	0.0032
253	0.0038	0.0007	0.0031
254	0.0038	0.0007	0.0031
255	0.0038	0.0007	0.0031
256	0.0037	0.0007	0.0030
257	0.0037	0.0007	0.0030
258	0.0037	0.0007	0.0030
259	0.0036	0.0007	0.0030
260	0.0036	0.0007	0.0029
261	0.0036	0.0007	0.0029
262	0.0035	0.0006	0.0029
263	0.0035	0.0006	0.0029
264	0.0035	0.0006	0.0028
265	0.0034	0.0006	0.0028
266	0.0034	0.0006	0.0028
267	0.0034	0.0006	0.0028
268	0.0034	0.0006	0.0027
269	0.0033	0.0006	0.0027
270	0.0033	0.0006	0.0027
271	0.0033	0.0006	0.0027
272	0.0032	0.0006	0.0027
273	0.0032	0.0006	0.0026
274	0.0032	0.0006	0.0026
275	0.0032	0.0006	0.0026
276	0.0032	0.0006	0.0026
277	0.0031	0.0006	0.0026
278	0.0031	0.0006	0.0025
279	0.0031	0.0006	0.0025
280	0.0031	0.0006	0.0025
281	0.0030	0.0006	0.0025
282	0.0030	0.0006	0.0025

283	0.0030	0.0005	0.0024
284	0.0030	0.0005	0.0024
285	0.0030	0.0005	0.0024
286	0.0029	0.0005	0.0024
287	0.0029	0.0005	0.0024
288	0.0029	0.0005	0.0024

Total soil rain loss = 0.33(In)
Total effective rainfall = 1.80(In)
Peak flow rate in flood hydrograph = 63.66(CFS)

++

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

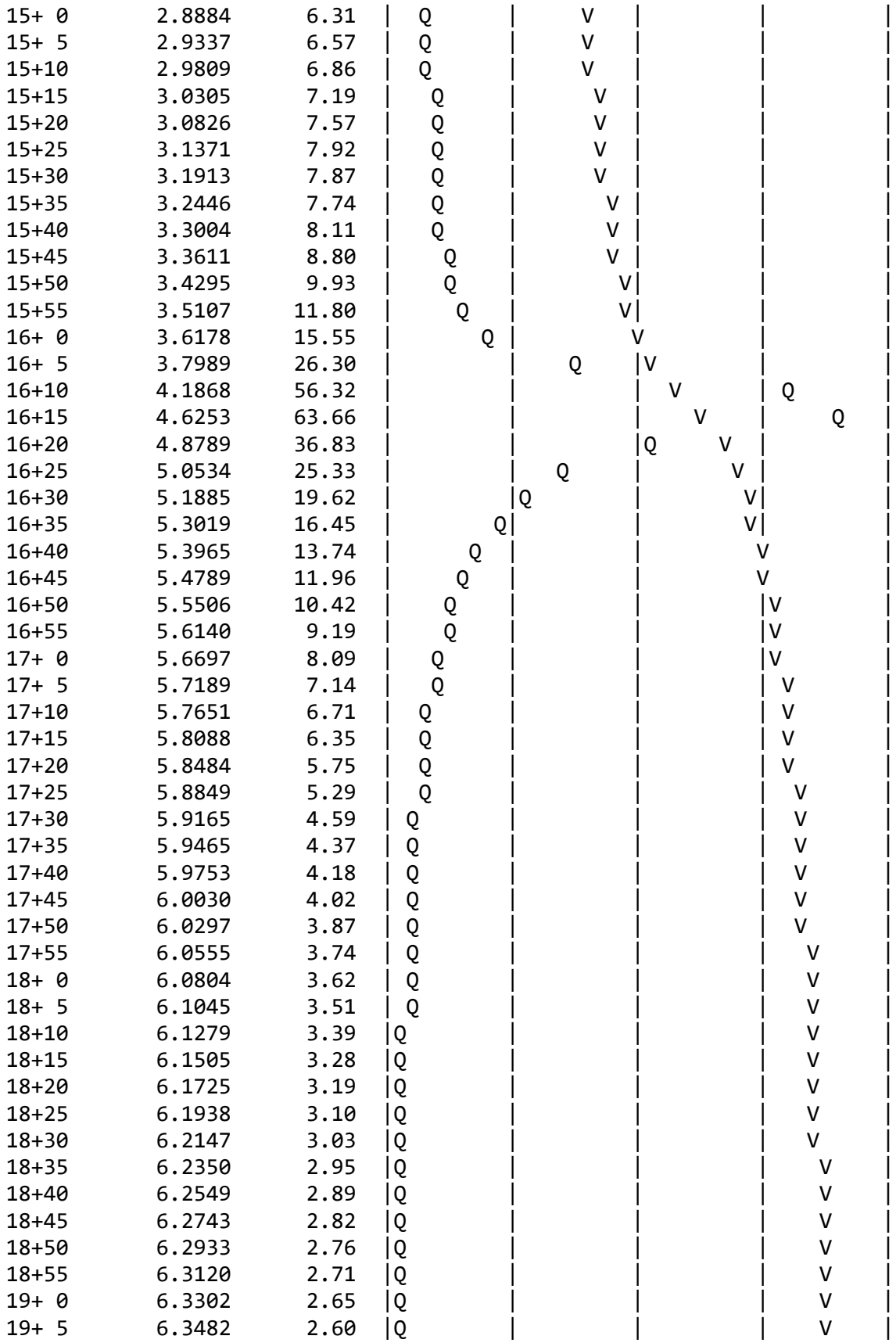
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	17.5	35.0	52.5	70.0
0+ 5	0.0003	0.05	Q				
0+10	0.0029	0.37	Q				
0+15	0.0083	0.78	Q				
0+20	0.0150	0.97	Q				
0+25	0.0225	1.09	Q				
0+30	0.0305	1.16	Q				
0+35	0.0389	1.22	Q				
0+40	0.0475	1.26	Q				
0+45	0.0564	1.29	Q				
0+50	0.0655	1.32	Q				
0+55	0.0747	1.34	Q				
1+ 0	0.0841	1.36	Q				
1+ 5	0.0935	1.37	Q				
1+10	0.1030	1.38	Q				
1+15	0.1126	1.39	Q				
1+20	0.1222	1.40	Q				
1+25	0.1319	1.41	Q				
1+30	0.1417	1.42	Q				
1+35	0.1515	1.42	Q				
1+40	0.1613	1.43	Q				
1+45	0.1711	1.43	Q				
1+50	0.1810	1.44	QV				
1+55	0.1909	1.44	QV				
2+ 0	0.2009	1.45	QV				
2+ 5	0.2109	1.45	QV				
2+10	0.2209	1.46	QV				
2+15	0.2310	1.46	QV				
2+20	0.2411	1.47	QV				
2+25	0.2512	1.47	QV				

2+30	0.2614	1.48	QV	|	|	|	|
2+35	0.2716	1.48	QV	|	|	|	|
2+40	0.2819	1.49	QV	|	|	|	|
2+45	0.2921	1.49	QV	|	|	|	|
2+50	0.3025	1.50	QV	|	|	|	|
2+55	0.3128	1.51	QV	|	|	|	|
3+ 0	0.3232	1.51	QV	|	|	|	|
3+ 5	0.3337	1.52	QV	|	|	|	|
3+10	0.3442	1.52	QV	|	|	|	|
3+15	0.3547	1.53	QV	|	|	|	|
3+20	0.3653	1.53	Q V	|	|	|	|
3+25	0.3759	1.54	Q V	|	|	|	|
3+30	0.3865	1.55	Q V	|	|	|	|
3+35	0.3972	1.55	Q V	|	|	|	|
3+40	0.4080	1.56	Q V	|	|	|	|
3+45	0.4187	1.57	Q V	|	|	|	|
3+50	0.4296	1.57	Q V	|	|	|	|
3+55	0.4404	1.58	Q V	|	|	|	|
4+ 0	0.4513	1.58	Q V	|	|	|	|
4+ 5	0.4623	1.59	Q V	|	|	|	|
4+10	0.4733	1.60	Q V	|	|	|	|
4+15	0.4843	1.60	Q V	|	|	|	|
4+20	0.4954	1.61	Q V	|	|	|	|
4+25	0.5066	1.62	Q V	|	|	|	|
4+30	0.5178	1.62	Q V	|	|	|	|
4+35	0.5290	1.63	Q V	|	|	|	|
4+40	0.5403	1.64	Q V	|	|	|	|
4+45	0.5516	1.65	Q V	|	|	|	|
4+50	0.5630	1.65	Q V	|	|	|	|
4+55	0.5745	1.66	Q V	|	|	|	|
5+ 0	0.5860	1.67	Q V	|	|	|	|
5+ 5	0.5975	1.68	Q V	|	|	|	|
5+10	0.6091	1.68	Q V	|	|	|	|
5+15	0.6207	1.69	Q V	|	|	|	|
5+20	0.6324	1.70	Q V	|	|	|	|
5+25	0.6442	1.71	Q V	|	|	|	|
5+30	0.6560	1.71	Q V	|	|	|	|
5+35	0.6679	1.72	Q V	|	|	|	|
5+40	0.6798	1.73	Q V	|	|	|	|
5+45	0.6918	1.74	Q V	|	|	|	|
5+50	0.7038	1.75	Q V	|	|	|	|
5+55	0.7159	1.76	|Q V	|	|	|	|
6+ 0	0.7281	1.77	|Q V	|	|	|	|
6+ 5	0.7403	1.77	|Q V	|	|	|	|
6+10	0.7526	1.78	|Q V	|	|	|	|
6+15	0.7649	1.79	|Q V	|	|	|	|
6+20	0.7773	1.80	|Q V	|	|	|	|
6+25	0.7898	1.81	|Q V	|	|	|	|
6+30	0.8023	1.82	|Q V	|	|	|	|
6+35	0.8149	1.83	|Q V	|	|	|	|

6+40	0.8276	1.84	|Q V |	|	|	|
6+45	0.8403	1.85	|Q V |	|	|	|
6+50	0.8531	1.86	|Q V |	|	|	|
6+55	0.8659	1.87	|Q V |	|	|	|
7+ 0	0.8789	1.88	|Q V |	|	|	|
7+ 5	0.8919	1.89	|Q V |	|	|	|
7+10	0.9050	1.90	|Q V |	|	|	|
7+15	0.9181	1.91	|Q V |	|	|	|
7+20	0.9313	1.92	|Q V |	|	|	|
7+25	0.9446	1.93	|Q V |	|	|	|
7+30	0.9580	1.94	|Q V |	|	|	|
7+35	0.9715	1.95	|Q V |	|	|	|
7+40	0.9850	1.97	|Q V |	|	|	|
7+45	0.9986	1.98	|Q V |	|	|	|
7+50	1.0123	1.99	|Q V |	|	|	|
7+55	1.0261	2.00	|Q V |	|	|	|
8+ 0	1.0400	2.01	|Q V |	|	|	|
8+ 5	1.0539	2.03	|Q V |	|	|	|
8+10	1.0679	2.04	|Q V |	|	|	|
8+15	1.0821	2.05	|Q V |	|	|	|
8+20	1.0963	2.06	|Q V |	|	|	|
8+25	1.1106	2.08	|Q V |	|	|	|
8+30	1.1250	2.09	|Q V |	|	|	|
8+35	1.1395	2.10	|Q V |	|	|	|
8+40	1.1540	2.12	|Q V |	|	|	|
8+45	1.1687	2.13	|Q V |	|	|	|
8+50	1.1835	2.15	|Q V |	|	|	|
8+55	1.1984	2.16	|Q V |	|	|	|
9+ 0	1.2134	2.18	|Q V |	|	|	|
9+ 5	1.2285	2.19	|Q V |	|	|	|
9+10	1.2437	2.21	|Q V |	|	|	|
9+15	1.2590	2.22	|Q V |	|	|	|
9+20	1.2744	2.24	|Q V |	|	|	|
9+25	1.2899	2.26	|Q V |	|	|	|
9+30	1.3056	2.27	|Q V |	|	|	|
9+35	1.3214	2.29	|Q V |	|	|	|
9+40	1.3372	2.31	|Q V |	|	|	|
9+45	1.3532	2.32	|Q V |	|	|	|
9+50	1.3694	2.34	|Q V |	|	|	|
9+55	1.3856	2.36	|Q V |	|	|	|
10+ 0	1.4020	2.38	|Q V |	|	|	|
10+ 5	1.4186	2.40	|Q V |	|	|	|
10+10	1.4352	2.42	|Q V |	|	|	|
10+15	1.4520	2.44	|Q V |	|	|	|
10+20	1.4690	2.46	|Q V |	|	|	|
10+25	1.4860	2.48	|Q V |	|	|	|
10+30	1.5033	2.50	|Q V |	|	|	|
10+35	1.5207	2.52	|Q V |	|	|	|
10+40	1.5382	2.55	|Q V |	|	|	|
10+45	1.5559	2.57	|Q V |	|	|	|

10+50	1.5738	2.59	Q	V			
10+55	1.5918	2.62	Q	V			
11+ 0	1.6100	2.64	Q	V			
11+ 5	1.6284	2.67	Q	V			
11+10	1.6470	2.70	Q	V			
11+15	1.6657	2.72	Q	V			
11+20	1.6847	2.75	Q	V			
11+25	1.7038	2.78	Q	V			
11+30	1.7231	2.81	Q	V			
11+35	1.7427	2.84	Q	V			
11+40	1.7624	2.87	Q	V			
11+45	1.7824	2.90	Q	V			
11+50	1.8026	2.93	Q	V			
11+55	1.8231	2.97	Q	V			
12+ 0	1.8437	3.00	Q	V			
12+ 5	1.8647	3.04	Q	V			
12+10	1.8859	3.09	Q	V			
12+15	1.9076	3.14	Q	V			
12+20	1.9296	3.19	Q	V			
12+25	1.9519	3.24	Q	V			
12+30	1.9745	3.28	Q	V			
12+35	1.9974	3.33	Q	V			
12+40	2.0207	3.38	Q	V			
12+45	2.0443	3.43	Q	V			
12+50	2.0682	3.47	Q	V			
12+55	2.0925	3.53	Q	V			
13+ 0	2.1171	3.58	Q	V			
13+ 5	2.1422	3.64	Q	V			
13+10	2.1676	3.69	Q	V			
13+15	2.1935	3.76	Q	V			
13+20	2.2198	3.82	Q	V			
13+25	2.2466	3.89	Q	V			
13+30	2.2738	3.95	Q	V			
13+35	2.3015	4.03	Q	V			
13+40	2.3298	4.10	Q	V			
13+45	2.3586	4.18	Q	V			
13+50	2.3880	4.27	Q	V			
13+55	2.4180	4.36	Q	V			
14+ 0	2.4487	4.45	Q	V			
14+ 5	2.4800	4.55	Q	V			
14+10	2.5121	4.66	Q	V			
14+15	2.5451	4.78	Q	V			
14+20	2.5788	4.91	Q	V			
14+25	2.6135	5.04	Q	V			
14+30	2.6492	5.18	Q	V			
14+35	2.6859	5.33	Q	V			
14+40	2.7237	5.49	Q	V			
14+45	2.7628	5.67	Q	V			
14+50	2.8032	5.86	Q	V			
14+55	2.8450	6.08	Q	V			



```
19+10       6.3657      2.55  |Q        |         |         |    V    |
19+15       6.3830      2.51  |Q        |         |         |    V    |
19+20       6.4000      2.47  |Q        |         |         |    V    |
19+25       6.4167      2.42  |Q        |         |         |     V   |
19+30       6.4331      2.38  |Q        |         |         |     V   |
19+35       6.4493      2.35  |Q        |         |         |     V   |
19+40       6.4652      2.31  |Q        |         |         |     V   |
19+45       6.4809      2.28  |Q        |         |         |     V   |
19+50       6.4963      2.24  |Q        |         |         |     V   |
19+55       6.5115      2.21  |Q        |         |         |     V   |
20+ 0       6.5265      2.18  |Q        |         |         |     V   |
20+ 5       6.5413      2.15  |Q        |         |         |     V   |
20+10       6.5559      2.12  |Q        |         |         |     V   |
20+15       6.5703      2.09  |Q        |         |         |     V   |
20+20       6.5846      2.07  |Q        |         |         |      V  |
20+25       6.5986      2.04  |Q        |         |         |      V  |
20+30       6.6125      2.01  |Q        |         |         |      V  |
20+35       6.6262      1.99  |Q        |         |         |      V  |
20+40       6.6397      1.97  |Q        |         |         |      V  |
20+45       6.6531      1.94  |Q        |         |         |      V  |
20+50       6.6664      1.92  |Q        |         |         |      V  |
20+55       6.6794      1.90  |Q        |         |         |      V  |
21+ 0       6.6924      1.88  |Q        |         |         |      V  |
21+ 5       6.7052      1.86  |Q        |         |         |      V  |
21+10       6.7179      1.84  |Q        |         |         |      V  |
21+15       6.7304      1.82  |Q        |         |         |      V  |
21+20       6.7428      1.80  |Q        |         |         |      V  |
21+25       6.7551      1.78  |Q        |         |         |      V  |
21+30       6.7673      1.77  |Q        |         |         |       V |
21+35       6.7793      1.75  Q         |         |         |       V |
21+40       6.7912      1.73  Q         |         |         |       V |
21+45       6.8030      1.72  Q         |         |         |       V |
21+50       6.8147      1.70  Q         |         |         |       V |
21+55       6.8263      1.68  Q         |         |         |       V |
22+ 0       6.8378      1.67  Q         |         |         |       V |
22+ 5       6.8492      1.65  Q         |         |         |       V |
22+10       6.8605      1.64  Q         |         |         |       V |
22+15       6.8717      1.63  Q         |         |         |       V |
22+20       6.8828      1.61  Q         |         |         |       V |
22+25       6.8938      1.60  Q         |         |         |       V |
22+30       6.9047      1.58  Q         |         |         |       V |
22+35       6.9156      1.57  Q         |         |         |       V |
22+40       6.9263      1.56  Q         |         |         |       V |
22+45       6.9370      1.55  Q         |         |         |       V |
22+50       6.9475      1.53  Q         |         |         |        V|
22+55       6.9580      1.52  Q         |         |         |        V|
23+ 0       6.9684      1.51  Q         |         |         |        V|
23+ 5       6.9787      1.50  Q         |         |         |        V|
23+10       6.9890      1.49  Q         |         |         |        V|
23+15       6.9992      1.48  Q         |         |         |        V|
```

23+20	7.0093	1.47	Q	|	|	|	V|
23+25	7.0193	1.46	Q	|	|	|	V|
23+30	7.0293	1.45	Q	|	|	|	V|
23+35	7.0392	1.44	Q	|	|	|	V|
23+40	7.0490	1.43	Q	|	|	|	V|
23+45	7.0587	1.42	Q	|	|	|	V|
23+50	7.0684	1.41	Q	|	|	|	V|
23+55	7.0780	1.40	Q	|	|	|	V|
24+ 0	7.0876	1.39	Q	|	|	|	V|

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/06/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area B
10-year developed

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
48.02	1	0.61
Rainfall data for year 10		
48.02	6	1.24
Rainfall data for year 10		
48.02	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	48.02	1.000	0.548	0.100	0.055

Area-averaged adjusted loss rate Fm (In/Hr) = 0.055

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
4.80	0.100	69.0	69.0	4.49	0.124
43.22	0.900	98.0	98.0	0.20	0.894

Area-averaged catchment yield fraction, Y = 0.817
Area-averaged low loss fraction, Yb = 0.183
User entry of time of concentration = 0.220 (hours)
++
Watershed area = 48.02(Ac.)
Catchment Lag time = 0.176 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 47.4347
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.055(In/Hr)
Average low loss rate fraction (Yb) = 0.183 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 48.02(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.288(In)
30-minute factor = 0.998 Adjusted rainfall = 0.494(In)
1-hour factor = 0.998 Adjusted rainfall = 0.608(In)
3-hour factor = 1.000 Adjusted rainfall = 0.942(In)
6-hour factor = 1.000 Adjusted rainfall = 1.240(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 580.74 (CFS))	
1	3.632	21.094
2	27.477	138.475
3	58.120	177.956
4	71.962	80.389
5	79.999	46.673
6	85.309	30.840
7	89.148	22.291
8	91.848	15.686
9	93.964	12.287
10	95.571	9.334
11	96.810	7.191
12	97.688	5.100
13	98.235	3.179
14	98.784	3.190
15	99.346	3.259
16	99.720	2.176
17	100.000	1.625

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2883	0.2883
2	0.3550	0.0666
3	0.4009	0.0459
4	0.4370	0.0361
5	0.4673	0.0303
6	0.4935	0.0263
7	0.5169	0.0234
8	0.5380	0.0211
9	0.5574	0.0194
10	0.5753	0.0179
11	0.5920	0.0167
12	0.6076	0.0157
13	0.6273	0.0197
14	0.6461	0.0188
15	0.6642	0.0180
16	0.6815	0.0173
17	0.6981	0.0167
18	0.7142	0.0161
19	0.7298	0.0156
20	0.7449	0.0151
21	0.7595	0.0146
22	0.7737	0.0142
23	0.7875	0.0138
24	0.8010	0.0135
25	0.8142	0.0131

26	0.8270	0.0128
27	0.8395	0.0125
28	0.8518	0.0123
29	0.8638	0.0120
30	0.8755	0.0118
31	0.8871	0.0115
32	0.8983	0.0113
33	0.9094	0.0111
34	0.9203	0.0109
35	0.9310	0.0107
36	0.9415	0.0105
37	0.9518	0.0103
38	0.9620	0.0101
39	0.9719	0.0100
40	0.9818	0.0098
41	0.9914	0.0097
42	1.0010	0.0095
43	1.0104	0.0094
44	1.0196	0.0093
45	1.0288	0.0091
46	1.0378	0.0090
47	1.0467	0.0089
48	1.0555	0.0088
49	1.0641	0.0087
50	1.0727	0.0086
51	1.0812	0.0085
52	1.0895	0.0084
53	1.0978	0.0083
54	1.1060	0.0082
55	1.1141	0.0081
56	1.1221	0.0080
57	1.1300	0.0079
58	1.1378	0.0078
59	1.1456	0.0077
60	1.1532	0.0077
61	1.1608	0.0076
62	1.1683	0.0075
63	1.1758	0.0074
64	1.1832	0.0074
65	1.1905	0.0073
66	1.1977	0.0072
67	1.2049	0.0072
68	1.2120	0.0071
69	1.2190	0.0070
70	1.2260	0.0070
71	1.2329	0.0069
72	1.2398	0.0069
73	1.2465	0.0067
74	1.2531	0.0066
75	1.2597	0.0066

76	1.2663	0.0065
77	1.2727	0.0065
78	1.2792	0.0064
79	1.2855	0.0064
80	1.2919	0.0063
81	1.2981	0.0063
82	1.3044	0.0062
83	1.3106	0.0062
84	1.3167	0.0061
85	1.3228	0.0061
86	1.3289	0.0061
87	1.3349	0.0060
88	1.3408	0.0060
89	1.3468	0.0059
90	1.3526	0.0059
91	1.3585	0.0058
92	1.3643	0.0058
93	1.3701	0.0058
94	1.3758	0.0057
95	1.3815	0.0057
96	1.3871	0.0057
97	1.3928	0.0056
98	1.3984	0.0056
99	1.4039	0.0056
100	1.4094	0.0055
101	1.4149	0.0055
102	1.4204	0.0055
103	1.4258	0.0054
104	1.4312	0.0054
105	1.4365	0.0054
106	1.4419	0.0053
107	1.4471	0.0053
108	1.4524	0.0053
109	1.4576	0.0052
110	1.4628	0.0052
111	1.4680	0.0052
112	1.4732	0.0051
113	1.4783	0.0051
114	1.4834	0.0051
115	1.4885	0.0051
116	1.4935	0.0050
117	1.4985	0.0050
118	1.5035	0.0050
119	1.5084	0.0050
120	1.5134	0.0049
121	1.5183	0.0049
122	1.5232	0.0049
123	1.5280	0.0049
124	1.5329	0.0048
125	1.5377	0.0048

126	1.5425	0.0048
127	1.5472	0.0048
128	1.5520	0.0047
129	1.5567	0.0047
130	1.5614	0.0047
131	1.5661	0.0047
132	1.5707	0.0047
133	1.5754	0.0046
134	1.5800	0.0046
135	1.5846	0.0046
136	1.5892	0.0046
137	1.5937	0.0046
138	1.5982	0.0045
139	1.6027	0.0045
140	1.6072	0.0045
141	1.6117	0.0045
142	1.6162	0.0045
143	1.6206	0.0044
144	1.6250	0.0044
145	1.6294	0.0044
146	1.6338	0.0044
147	1.6381	0.0044
148	1.6425	0.0043
149	1.6468	0.0043
150	1.6511	0.0043
151	1.6554	0.0043
152	1.6597	0.0043
153	1.6639	0.0043
154	1.6682	0.0042
155	1.6724	0.0042
156	1.6766	0.0042
157	1.6808	0.0042
158	1.6849	0.0042
159	1.6891	0.0042
160	1.6932	0.0041
161	1.6973	0.0041
162	1.7015	0.0041
163	1.7055	0.0041
164	1.7096	0.0041
165	1.7137	0.0041
166	1.7177	0.0040
167	1.7218	0.0040
168	1.7258	0.0040
169	1.7298	0.0040
170	1.7338	0.0040
171	1.7377	0.0040
172	1.7417	0.0040
173	1.7457	0.0039
174	1.7496	0.0039
175	1.7535	0.0039

176	1.7574	0.0039
177	1.7613	0.0039
178	1.7652	0.0039
179	1.7690	0.0039
180	1.7729	0.0039
181	1.7767	0.0038
182	1.7806	0.0038
183	1.7844	0.0038
184	1.7882	0.0038
185	1.7919	0.0038
186	1.7957	0.0038
187	1.7995	0.0038
188	1.8032	0.0037
189	1.8070	0.0037
190	1.8107	0.0037
191	1.8144	0.0037
192	1.8181	0.0037
193	1.8218	0.0037
194	1.8255	0.0037
195	1.8292	0.0037
196	1.8328	0.0037
197	1.8365	0.0036
198	1.8401	0.0036
199	1.8437	0.0036
200	1.8473	0.0036
201	1.8509	0.0036
202	1.8545	0.0036
203	1.8581	0.0036
204	1.8617	0.0036
205	1.8652	0.0036
206	1.8688	0.0035
207	1.8723	0.0035
208	1.8758	0.0035
209	1.8793	0.0035
210	1.8828	0.0035
211	1.8863	0.0035
212	1.8898	0.0035
213	1.8933	0.0035
214	1.8968	0.0035
215	1.9002	0.0035
216	1.9037	0.0034
217	1.9071	0.0034
218	1.9105	0.0034
219	1.9139	0.0034
220	1.9173	0.0034
221	1.9207	0.0034
222	1.9241	0.0034
223	1.9275	0.0034
224	1.9309	0.0034
225	1.9342	0.0034

226	1.9376	0.0034
227	1.9409	0.0033
228	1.9443	0.0033
229	1.9476	0.0033
230	1.9509	0.0033
231	1.9542	0.0033
232	1.9575	0.0033
233	1.9608	0.0033
234	1.9641	0.0033
235	1.9673	0.0033
236	1.9706	0.0033
237	1.9739	0.0033
238	1.9771	0.0032
239	1.9803	0.0032
240	1.9836	0.0032
241	1.9868	0.0032
242	1.9900	0.0032
243	1.9932	0.0032
244	1.9964	0.0032
245	1.9996	0.0032
246	2.0028	0.0032
247	2.0060	0.0032
248	2.0091	0.0032
249	2.0123	0.0032
250	2.0154	0.0032
251	2.0186	0.0031
252	2.0217	0.0031
253	2.0248	0.0031
254	2.0280	0.0031
255	2.0311	0.0031
256	2.0342	0.0031
257	2.0373	0.0031
258	2.0404	0.0031
259	2.0434	0.0031
260	2.0465	0.0031
261	2.0496	0.0031
262	2.0526	0.0031
263	2.0557	0.0031
264	2.0588	0.0030
265	2.0618	0.0030
266	2.0648	0.0030
267	2.0679	0.0030
268	2.0709	0.0030
269	2.0739	0.0030
270	2.0769	0.0030
271	2.0799	0.0030
272	2.0829	0.0030
273	2.0859	0.0030
274	2.0888	0.0030
275	2.0918	0.0030

276	2.0948	0.0030
277	2.0977	0.0030
278	2.1007	0.0030
279	2.1036	0.0029
280	2.1066	0.0029
281	2.1095	0.0029
282	2.1124	0.0029
283	2.1154	0.0029
284	2.1183	0.0029
285	2.1212	0.0029
286	2.1241	0.0029
287	2.1270	0.0029
288	2.1299	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0005	0.0024
2	0.0029	0.0005	0.0024
3	0.0029	0.0005	0.0024
4	0.0029	0.0005	0.0024
5	0.0029	0.0005	0.0024
6	0.0029	0.0005	0.0024
7	0.0029	0.0005	0.0024
8	0.0030	0.0005	0.0024
9	0.0030	0.0005	0.0024
10	0.0030	0.0005	0.0024
11	0.0030	0.0005	0.0024
12	0.0030	0.0005	0.0024
13	0.0030	0.0006	0.0025
14	0.0030	0.0006	0.0025
15	0.0030	0.0006	0.0025
16	0.0030	0.0006	0.0025
17	0.0030	0.0006	0.0025
18	0.0031	0.0006	0.0025
19	0.0031	0.0006	0.0025
20	0.0031	0.0006	0.0025
21	0.0031	0.0006	0.0025
22	0.0031	0.0006	0.0025
23	0.0031	0.0006	0.0025
24	0.0031	0.0006	0.0025
25	0.0031	0.0006	0.0026
26	0.0031	0.0006	0.0026
27	0.0032	0.0006	0.0026
28	0.0032	0.0006	0.0026
29	0.0032	0.0006	0.0026
30	0.0032	0.0006	0.0026
31	0.0032	0.0006	0.0026
32	0.0032	0.0006	0.0026

33	0.0032	0.0006	0.0026
34	0.0032	0.0006	0.0026
35	0.0033	0.0006	0.0027
36	0.0033	0.0006	0.0027
37	0.0033	0.0006	0.0027
38	0.0033	0.0006	0.0027
39	0.0033	0.0006	0.0027
40	0.0033	0.0006	0.0027
41	0.0033	0.0006	0.0027
42	0.0033	0.0006	0.0027
43	0.0034	0.0006	0.0027
44	0.0034	0.0006	0.0028
45	0.0034	0.0006	0.0028
46	0.0034	0.0006	0.0028
47	0.0034	0.0006	0.0028
48	0.0034	0.0006	0.0028
49	0.0034	0.0006	0.0028
50	0.0035	0.0006	0.0028
51	0.0035	0.0006	0.0028
52	0.0035	0.0006	0.0028
53	0.0035	0.0006	0.0029
54	0.0035	0.0006	0.0029
55	0.0035	0.0006	0.0029
56	0.0035	0.0007	0.0029
57	0.0036	0.0007	0.0029
58	0.0036	0.0007	0.0029
59	0.0036	0.0007	0.0029
60	0.0036	0.0007	0.0029
61	0.0036	0.0007	0.0030
62	0.0036	0.0007	0.0030
63	0.0037	0.0007	0.0030
64	0.0037	0.0007	0.0030
65	0.0037	0.0007	0.0030
66	0.0037	0.0007	0.0030
67	0.0037	0.0007	0.0031
68	0.0037	0.0007	0.0031
69	0.0038	0.0007	0.0031
70	0.0038	0.0007	0.0031
71	0.0038	0.0007	0.0031
72	0.0038	0.0007	0.0031
73	0.0039	0.0007	0.0031
74	0.0039	0.0007	0.0032
75	0.0039	0.0007	0.0032
76	0.0039	0.0007	0.0032
77	0.0039	0.0007	0.0032
78	0.0039	0.0007	0.0032
79	0.0040	0.0007	0.0032
80	0.0040	0.0007	0.0033
81	0.0040	0.0007	0.0033
82	0.0040	0.0007	0.0033

83	0.0041	0.0007	0.0033
84	0.0041	0.0007	0.0033
85	0.0041	0.0008	0.0034
86	0.0041	0.0008	0.0034
87	0.0042	0.0008	0.0034
88	0.0042	0.0008	0.0034
89	0.0042	0.0008	0.0034
90	0.0042	0.0008	0.0034
91	0.0043	0.0008	0.0035
92	0.0043	0.0008	0.0035
93	0.0043	0.0008	0.0035
94	0.0043	0.0008	0.0035
95	0.0044	0.0008	0.0036
96	0.0044	0.0008	0.0036
97	0.0044	0.0008	0.0036
98	0.0044	0.0008	0.0036
99	0.0045	0.0008	0.0037
100	0.0045	0.0008	0.0037
101	0.0045	0.0008	0.0037
102	0.0046	0.0008	0.0037
103	0.0046	0.0008	0.0037
104	0.0046	0.0008	0.0038
105	0.0047	0.0009	0.0038
106	0.0047	0.0009	0.0038
107	0.0047	0.0009	0.0039
108	0.0047	0.0009	0.0039
109	0.0048	0.0009	0.0039
110	0.0048	0.0009	0.0039
111	0.0049	0.0009	0.0040
112	0.0049	0.0009	0.0040
113	0.0049	0.0009	0.0040
114	0.0050	0.0009	0.0041
115	0.0050	0.0009	0.0041
116	0.0050	0.0009	0.0041
117	0.0051	0.0009	0.0042
118	0.0051	0.0009	0.0042
119	0.0052	0.0009	0.0042
120	0.0052	0.0010	0.0043
121	0.0053	0.0010	0.0043
122	0.0053	0.0010	0.0043
123	0.0054	0.0010	0.0044
124	0.0054	0.0010	0.0044
125	0.0055	0.0010	0.0045
126	0.0055	0.0010	0.0045
127	0.0056	0.0010	0.0045
128	0.0056	0.0010	0.0046
129	0.0057	0.0010	0.0046
130	0.0057	0.0010	0.0047
131	0.0058	0.0011	0.0047
132	0.0058	0.0011	0.0047

133	0.0059	0.0011	0.0048
134	0.0059	0.0011	0.0048
135	0.0060	0.0011	0.0049
136	0.0061	0.0011	0.0049
137	0.0061	0.0011	0.0050
138	0.0062	0.0011	0.0051
139	0.0063	0.0012	0.0051
140	0.0063	0.0012	0.0052
141	0.0064	0.0012	0.0052
142	0.0065	0.0012	0.0053
143	0.0066	0.0012	0.0054
144	0.0066	0.0012	0.0054
145	0.0069	0.0013	0.0056
146	0.0069	0.0013	0.0057
147	0.0070	0.0013	0.0058
148	0.0071	0.0013	0.0058
149	0.0072	0.0013	0.0059
150	0.0073	0.0013	0.0060
151	0.0074	0.0014	0.0061
152	0.0075	0.0014	0.0061
153	0.0077	0.0014	0.0063
154	0.0077	0.0014	0.0063
155	0.0079	0.0015	0.0065
156	0.0080	0.0015	0.0065
157	0.0082	0.0015	0.0067
158	0.0083	0.0015	0.0068
159	0.0085	0.0016	0.0069
160	0.0086	0.0016	0.0070
161	0.0088	0.0016	0.0072
162	0.0089	0.0016	0.0073
163	0.0091	0.0017	0.0075
164	0.0093	0.0017	0.0076
165	0.0095	0.0017	0.0078
166	0.0097	0.0018	0.0079
167	0.0100	0.0018	0.0081
168	0.0101	0.0019	0.0083
169	0.0105	0.0019	0.0086
170	0.0107	0.0020	0.0087
171	0.0111	0.0020	0.0091
172	0.0113	0.0021	0.0092
173	0.0118	0.0022	0.0096
174	0.0120	0.0022	0.0098
175	0.0125	0.0023	0.0102
176	0.0128	0.0024	0.0105
177	0.0135	0.0025	0.0110
178	0.0138	0.0025	0.0113
179	0.0146	0.0027	0.0119
180	0.0151	0.0028	0.0123
181	0.0161	0.0030	0.0131
182	0.0167	0.0031	0.0136

183	0.0180	0.0033	0.0147
184	0.0188	0.0034	0.0154
185	0.0157	0.0029	0.0128
186	0.0167	0.0031	0.0136
187	0.0194	0.0035	0.0158
188	0.0211	0.0039	0.0173
189	0.0263	0.0046	0.0217
190	0.0303	0.0046	0.0257
191	0.0459	0.0046	0.0413
192	0.0666	0.0046	0.0621
193	0.2883	0.0046	0.2838
194	0.0361	0.0046	0.0316
195	0.0234	0.0043	0.0191
196	0.0179	0.0033	0.0146
197	0.0197	0.0036	0.0161
198	0.0173	0.0032	0.0141
199	0.0156	0.0029	0.0127
200	0.0142	0.0026	0.0116
201	0.0131	0.0024	0.0107
202	0.0123	0.0022	0.0100
203	0.0115	0.0021	0.0094
204	0.0109	0.0020	0.0089
205	0.0103	0.0019	0.0084
206	0.0098	0.0018	0.0080
207	0.0094	0.0017	0.0077
208	0.0090	0.0017	0.0074
209	0.0087	0.0016	0.0071
210	0.0084	0.0015	0.0068
211	0.0081	0.0015	0.0066
212	0.0078	0.0014	0.0064
213	0.0076	0.0014	0.0062
214	0.0074	0.0014	0.0060
215	0.0072	0.0013	0.0059
216	0.0070	0.0013	0.0057
217	0.0067	0.0012	0.0055
218	0.0065	0.0012	0.0053
219	0.0064	0.0012	0.0052
220	0.0062	0.0011	0.0051
221	0.0061	0.0011	0.0050
222	0.0060	0.0011	0.0049
223	0.0058	0.0011	0.0048
224	0.0057	0.0011	0.0047
225	0.0056	0.0010	0.0046
226	0.0055	0.0010	0.0045
227	0.0054	0.0010	0.0044
228	0.0053	0.0010	0.0043
229	0.0052	0.0010	0.0043
230	0.0051	0.0009	0.0042
231	0.0051	0.0009	0.0041
232	0.0050	0.0009	0.0041

233	0.0049	0.0009	0.0040
234	0.0048	0.0009	0.0040
235	0.0048	0.0009	0.0039
236	0.0047	0.0009	0.0038
237	0.0046	0.0008	0.0038
238	0.0046	0.0008	0.0037
239	0.0045	0.0008	0.0037
240	0.0045	0.0008	0.0036
241	0.0044	0.0008	0.0036
242	0.0043	0.0008	0.0035
243	0.0043	0.0008	0.0035
244	0.0042	0.0008	0.0035
245	0.0042	0.0008	0.0034
246	0.0041	0.0008	0.0034
247	0.0041	0.0008	0.0033
248	0.0040	0.0007	0.0033
249	0.0040	0.0007	0.0033
250	0.0040	0.0007	0.0032
251	0.0039	0.0007	0.0032
252	0.0039	0.0007	0.0032
253	0.0038	0.0007	0.0031
254	0.0038	0.0007	0.0031
255	0.0038	0.0007	0.0031
256	0.0037	0.0007	0.0030
257	0.0037	0.0007	0.0030
258	0.0037	0.0007	0.0030
259	0.0036	0.0007	0.0030
260	0.0036	0.0007	0.0029
261	0.0036	0.0007	0.0029
262	0.0035	0.0006	0.0029
263	0.0035	0.0006	0.0029
264	0.0035	0.0006	0.0028
265	0.0034	0.0006	0.0028
266	0.0034	0.0006	0.0028
267	0.0034	0.0006	0.0028
268	0.0034	0.0006	0.0027
269	0.0033	0.0006	0.0027
270	0.0033	0.0006	0.0027
271	0.0033	0.0006	0.0027
272	0.0032	0.0006	0.0027
273	0.0032	0.0006	0.0026
274	0.0032	0.0006	0.0026
275	0.0032	0.0006	0.0026
276	0.0032	0.0006	0.0026
277	0.0031	0.0006	0.0026
278	0.0031	0.0006	0.0025
279	0.0031	0.0006	0.0025
280	0.0031	0.0006	0.0025
281	0.0030	0.0006	0.0025
282	0.0030	0.0006	0.0025

283	0.0030	0.0005	0.0024
284	0.0030	0.0005	0.0024
285	0.0030	0.0005	0.0024
286	0.0029	0.0005	0.0024
287	0.0029	0.0005	0.0024
288	0.0029	0.0005	0.0024

Total soil rain loss = 0.33(In)
Total effective rainfall = 1.80(In)
Peak flow rate in flood hydrograph = 64.41(CFS)

++

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

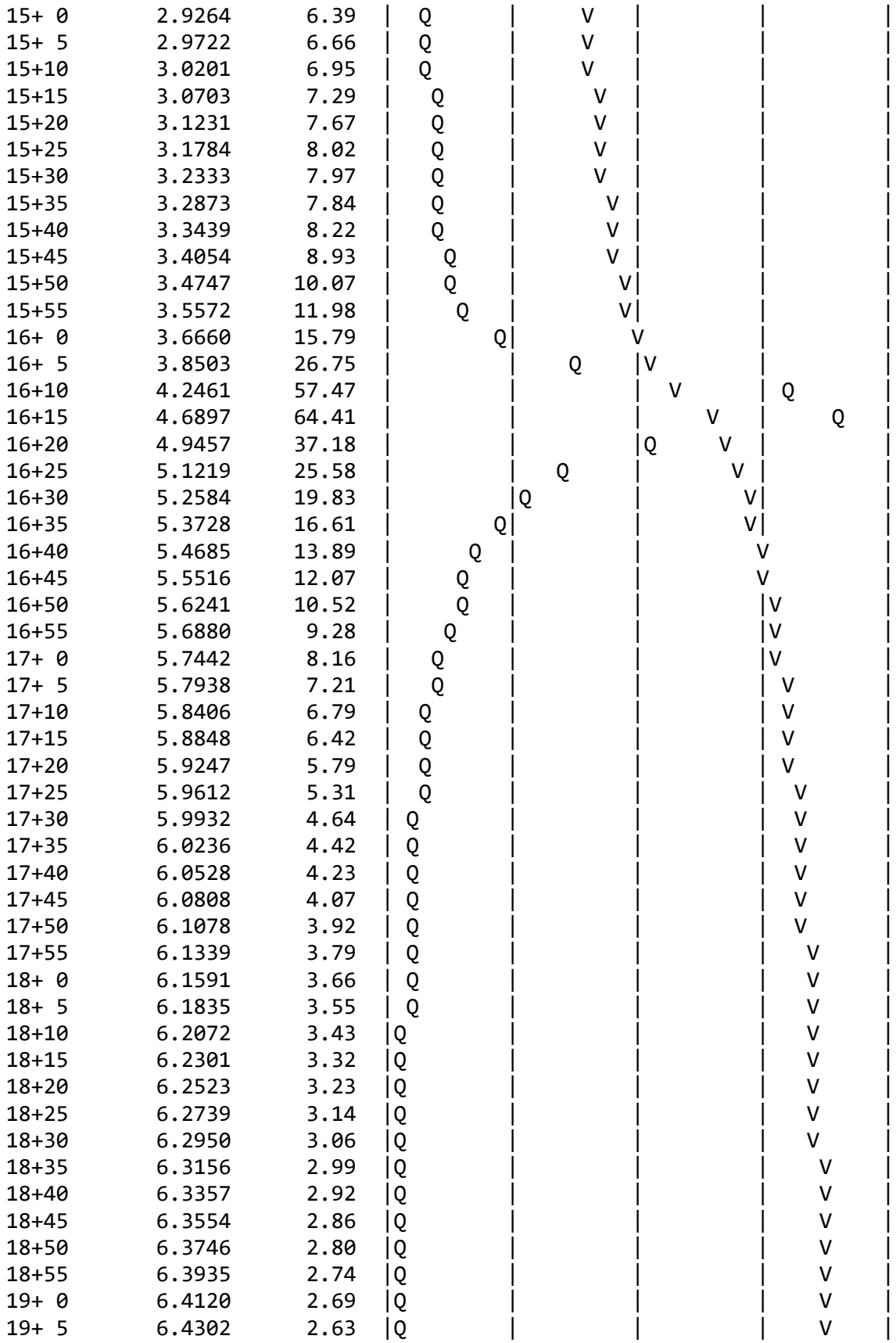
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	17.5	35.0	52.5	70.0
0+ 5	0.0003	0.05	Q				
0+10	0.0029	0.38	Q				
0+15	0.0084	0.80	Q				
0+20	0.0152	0.99	Q				
0+25	0.0228	1.10	Q				
0+30	0.0310	1.18	Q				
0+35	0.0395	1.24	Q				
0+40	0.0483	1.28	Q				
0+45	0.0573	1.31	Q				
0+50	0.0665	1.34	Q				
0+55	0.0758	1.36	Q				
1+ 0	0.0853	1.37	Q				
1+ 5	0.0948	1.39	Q				
1+10	0.1045	1.40	Q				
1+15	0.1142	1.41	Q				
1+20	0.1240	1.42	Q				
1+25	0.1338	1.43	Q				
1+30	0.1437	1.43	Q				
1+35	0.1536	1.44	Q				
1+40	0.1635	1.44	Q				
1+45	0.1735	1.45	Q				
1+50	0.1835	1.45	QV				
1+55	0.1936	1.46	QV				
2+ 0	0.2037	1.46	QV				
2+ 5	0.2138	1.47	QV				
2+10	0.2239	1.47	QV				
2+15	0.2341	1.48	QV				
2+20	0.2444	1.49	QV				
2+25	0.2546	1.49	QV				

2+30	0.2649	1.50	QV	|	|	|	|
2+35	0.2753	1.50	QV	|	|	|	|
2+40	0.2857	1.51	QV	|	|	|	|
2+45	0.2961	1.51	QV	|	|	|	|
2+50	0.3065	1.52	QV	|	|	|	|
2+55	0.3170	1.52	QV	|	|	|	|
3+ 0	0.3276	1.53	QV	|	|	|	|
3+ 5	0.3382	1.54	QV	|	|	|	|
3+10	0.3488	1.54	QV	|	|	|	|
3+15	0.3595	1.55	QV	|	|	|	|
3+20	0.3702	1.55	Q V	|	|	|	|
3+25	0.3809	1.56	Q V	|	|	|	|
3+30	0.3917	1.57	Q V	|	|	|	|
3+35	0.4025	1.57	Q V	|	|	|	|
3+40	0.4134	1.58	Q V	|	|	|	|
3+45	0.4243	1.59	Q V	|	|	|	|
3+50	0.4353	1.59	Q V	|	|	|	|
3+55	0.4463	1.60	Q V	|	|	|	|
4+ 0	0.4573	1.60	Q V	|	|	|	|
4+ 5	0.4684	1.61	Q V	|	|	|	|
4+10	0.4796	1.62	Q V	|	|	|	|
4+15	0.4908	1.63	Q V	|	|	|	|
4+20	0.5020	1.63	Q V	|	|	|	|
4+25	0.5133	1.64	Q V	|	|	|	|
4+30	0.5246	1.65	Q V	|	|	|	|
4+35	0.5360	1.65	Q V	|	|	|	|
4+40	0.5475	1.66	Q V	|	|	|	|
4+45	0.5589	1.67	Q V	|	|	|	|
4+50	0.5705	1.67	Q V	|	|	|	|
4+55	0.5821	1.68	Q V	|	|	|	|
5+ 0	0.5937	1.69	Q V	|	|	|	|
5+ 5	0.6054	1.70	Q V	|	|	|	|
5+10	0.6171	1.71	Q V	|	|	|	|
5+15	0.6289	1.71	Q V	|	|	|	|
5+20	0.6408	1.72	Q V	|	|	|	|
5+25	0.6527	1.73	Q V	|	|	|	|
5+30	0.6647	1.74	Q V	|	|	|	|
5+35	0.6767	1.75	Q V	|	|	|	|
5+40	0.6888	1.75	|Q V	|	|	|	|
5+45	0.7009	1.76	|Q V	|	|	|	|
5+50	0.7131	1.77	|Q V	|	|	|	|
5+55	0.7253	1.78	|Q V	|	|	|	|
6+ 0	0.7377	1.79	|Q V	|	|	|	|
6+ 5	0.7500	1.80	|Q V	|	|	|	|
6+10	0.7625	1.81	|Q V	|	|	|	|
6+15	0.7750	1.81	|Q V	|	|	|	|
6+20	0.7875	1.82	|Q V	|	|	|	|
6+25	0.8002	1.83	|Q V	|	|	|	|
6+30	0.8129	1.84	|Q V	|	|	|	|
6+35	0.8256	1.85	|Q V	|	|	|	|

6+40	0.8384	1.86	|Q V	|	|	|	|
6+45	0.8513	1.87	|Q V	|	|	|	|
6+50	0.8643	1.88	|Q V	|	|	|	|
6+55	0.8773	1.89	|Q V	|	|	|	|
7+ 0	0.8904	1.90	|Q V	|	|	|	|
7+ 5	0.9036	1.91	|Q V	|	|	|	|
7+10	0.9168	1.92	|Q V	|	|	|	|
7+15	0.9302	1.93	|Q V	|	|	|	|
7+20	0.9436	1.95	|Q V	|	|	|	|
7+25	0.9570	1.96	|Q V	|	|	|	|
7+30	0.9706	1.97	|Q V	|	|	|	|
7+35	0.9842	1.98	|Q V	|	|	|	|
7+40	0.9979	1.99	|Q V	|	|	|	|
7+45	1.0117	2.00	|Q V	|	|	|	|
7+50	1.0256	2.01	|Q V	|	|	|	|
7+55	1.0395	2.03	|Q V	|	|	|	|
8+ 0	1.0536	2.04	|Q V	|	|	|	|
8+ 5	1.0677	2.05	|Q V	|	|	|	|
8+10	1.0819	2.06	|Q V	|	|	|	|
8+15	1.0962	2.08	|Q V	|	|	|	|
8+20	1.1106	2.09	|Q V	|	|	|	|
8+25	1.1251	2.10	|Q V	|	|	|	|
8+30	1.1397	2.12	|Q V	|	|	|	|
8+35	1.1544	2.13	|Q V	|	|	|	|
8+40	1.1692	2.15	|Q V	|	|	|	|
8+45	1.1840	2.16	|Q V	|	|	|	|
8+50	1.1990	2.17	|Q V	|	|	|	|
8+55	1.2141	2.19	|Q V	|	|	|	|
9+ 0	1.2293	2.20	|Q V	|	|	|	|
9+ 5	1.2446	2.22	|Q V	|	|	|	|
9+10	1.2600	2.24	|Q V	|	|	|	|
9+15	1.2755	2.25	|Q V	|	|	|	|
9+20	1.2911	2.27	|Q V	|	|	|	|
9+25	1.3068	2.28	|Q V	|	|	|	|
9+30	1.3227	2.30	|Q V	|	|	|	|
9+35	1.3386	2.32	|Q V	|	|	|	|
9+40	1.3547	2.34	|Q V	|	|	|	|
9+45	1.3709	2.35	|Q V	|	|	|	|
9+50	1.3873	2.37	|Q V	|	|	|	|
9+55	1.4038	2.39	|Q V	|	|	|	|
10+ 0	1.4204	2.41	|Q V	|	|	|	|
10+ 5	1.4371	2.43	|Q V	|	|	|	|
10+10	1.4540	2.45	|Q V	|	|	|	|
10+15	1.4710	2.47	|Q V	|	|	|	|
10+20	1.4882	2.49	|Q V	|	|	|	|
10+25	1.5055	2.51	|Q V	|	|	|	|
10+30	1.5229	2.54	|Q V	|	|	|	|
10+35	1.5406	2.56	|Q V	|	|	|	|
10+40	1.5583	2.58	|Q V	|	|	|	|
10+45	1.5763	2.60	|Q V	|	|	|	|

10+50	1.5944	2.63	Q	V			
10+55	1.6126	2.65	Q	V			
11+ 0	1.6311	2.68	Q	V			
11+ 5	1.6497	2.70	Q	V			
11+10	1.6685	2.73	Q	V			
11+15	1.6875	2.76	Q	V			
11+20	1.7067	2.79	Q	V			
11+25	1.7261	2.81	Q	V			
11+30	1.7457	2.84	Q	V			
11+35	1.7655	2.87	Q	V			
11+40	1.7855	2.91	Q	V			
11+45	1.8057	2.94	Q	V			
11+50	1.8262	2.97	Q	V			
11+55	1.8469	3.01	Q	V			
12+ 0	1.8678	3.04	Q	V			
12+ 5	1.8890	3.08	Q	V			
12+10	1.9106	3.13	Q	V			
12+15	1.9325	3.19	Q	V			
12+20	1.9548	3.23	Q	V			
12+25	1.9774	3.28	Q	V			
12+30	2.0003	3.33	Q	V			
12+35	2.0235	3.37	Q	V			
12+40	2.0471	3.42	Q	V			
12+45	2.0710	3.47	Q	V			
12+50	2.0952	3.52	Q	V			
12+55	2.1198	3.57	Q	V			
13+ 0	2.1448	3.63	Q	V			
13+ 5	2.1702	3.68	Q	V			
13+10	2.1960	3.74	Q	V			
13+15	2.2222	3.81	Q	V			
13+20	2.2488	3.87	Q	V			
13+25	2.2759	3.94	Q	V			
13+30	2.3035	4.01	Q	V			
13+35	2.3316	4.08	Q	V			
13+40	2.3603	4.16	Q	V			
13+45	2.3895	4.24	Q	V			
13+50	2.4192	4.32	Q	V			
13+55	2.4496	4.41	Q	V			
14+ 0	2.4807	4.51	Q	V			
14+ 5	2.5125	4.61	Q	V			
14+10	2.5450	4.72	Q	V			
14+15	2.5784	4.85	Q	V			
14+20	2.6126	4.97	Q	V			
14+25	2.6478	5.11	Q	V			
14+30	2.6839	5.25	Q	V			
14+35	2.7211	5.40	Q	V			
14+40	2.7594	5.57	Q	V			
14+45	2.7990	5.75	Q	V			
14+50	2.8399	5.94	Q	V			
14+55	2.8823	6.16	Q	V			



```
19+10       6.4480      2.59  |Q        |         |         |    V    |
19+15       6.4655      2.54  |Q        |         |         |    V    |
19+20       6.4827      2.50  |Q        |         |         |    V    |
19+25       6.4996      2.45  |Q        |         |         |     V   |
19+30       6.5162      2.41  |Q        |         |         |     V   |
19+35       6.5325      2.38  |Q        |         |         |     V   |
19+40       6.5487      2.34  |Q        |         |         |     V   |
19+45       6.5645      2.30  |Q        |         |         |     V   |
19+50       6.5802      2.27  |Q        |         |         |     V   |
19+55       6.5956      2.24  |Q        |         |         |     V   |
20+ 0       6.6108      2.21  |Q        |         |         |     V   |
20+ 5       6.6258      2.18  |Q        |         |         |     V   |
20+10       6.6405      2.15  |Q        |         |         |     V   |
20+15       6.6551      2.12  |Q        |         |         |     V   |
20+20       6.6695      2.09  |Q        |         |         |      V  |
20+25       6.6838      2.07  |Q        |         |         |      V  |
20+30       6.6978      2.04  |Q        |         |         |      V  |
20+35       6.7117      2.02  |Q        |         |         |      V  |
20+40       6.7254      1.99  |Q        |         |         |      V  |
20+45       6.7390      1.97  |Q        |         |         |      V  |
20+50       6.7524      1.95  |Q        |         |         |      V  |
20+55       6.7656      1.92  |Q        |         |         |      V  |
21+ 0       6.7787      1.90  |Q        |         |         |      V  |
21+ 5       6.7917      1.88  |Q        |         |         |      V  |
21+10       6.8045      1.86  |Q        |         |         |      V  |
21+15       6.8172      1.84  |Q        |         |         |      V  |
21+20       6.8298      1.82  |Q        |         |         |      V  |
21+25       6.8422      1.81  |Q        |         |         |      V  |
21+30       6.8545      1.79  |Q        |         |         |       V |
21+35       6.8667      1.77  |Q        |         |         |       V |
21+40       6.8788      1.75  |Q        |         |         |       V |
21+45       6.8908      1.74  Q         |         |         |       V |
21+50       6.9026      1.72  Q         |         |         |       V |
21+55       6.9144      1.71  Q         |         |         |       V |
22+ 0       6.9260      1.69  Q         |         |         |       V |
22+ 5       6.9375      1.68  Q         |         |         |       V |
22+10       6.9490      1.66  Q         |         |         |       V |
22+15       6.9603      1.65  Q         |         |         |       V |
22+20       6.9716      1.63  Q         |         |         |       V |
22+25       6.9827      1.62  Q         |         |         |       V |
22+30       6.9938      1.61  Q         |         |         |       V |
22+35       7.0047      1.59  Q         |         |         |       V |
22+40       7.0156      1.58  Q         |         |         |       V |
22+45       7.0264      1.57  Q         |         |         |       V |
22+50       7.0371      1.55  Q         |         |         |        V|
22+55       7.0477      1.54  Q         |         |         |        V|
23+ 0       7.0583      1.53  Q         |         |         |        V|
23+ 5       7.0687      1.52  Q         |         |         |        V|
23+10       7.0791      1.51  Q         |         |         |        V|
23+15       7.0894      1.50  Q         |         |         |        V|
```

```
   23+20       7.0996      1.49  Q         |         |         |         V|
   23+25       7.1098      1.47  Q         |         |         |         V|
   23+30       7.1199      1.46  Q         |         |         |         V|
   23+35       7.1299      1.45  Q         |         |         |         V|
   23+40       7.1398      1.44  Q         |         |         |         V|
   23+45       7.1497      1.43  Q         |         |         |         V|
   23+50       7.1595      1.42  Q         |         |         |         V|
   23+55       7.1693      1.41  Q         |         |         |         V|
   24+ 0       7.1789      1.41  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/06/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area C
10-year Developed

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
38.57	1	0.61
Rainfall data for year 10		
38.57	6	1.24
Rainfall data for year 10		
38.57	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	38.57	1.000	0.548	0.100	0.055

Area-averaged adjusted loss rate Fm (In/Hr) = 0.055

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
3.86	0.100	69.0	69.0	4.49	0.124
34.71	0.900	98.0	98.0	0.20	0.894

Area-averaged catchment yield fraction, Y = 0.817
Area-averaged low loss fraction, Yb = 0.183
User entry of time of concentration = 0.208 (hours)
++
Watershed area = 38.57(Ac.)
Catchment Lag time = 0.166 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 50.0801
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.055(In/Hr)
Average low loss rate fraction (Yb) = 0.183 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 38.57(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.288(In)
30-minute factor = 0.998 Adjusted rainfall = 0.494(In)
1-hour factor = 0.998 Adjusted rainfall = 0.608(In)
3-hour factor = 1.000 Adjusted rainfall = 0.942(In)
6-hour factor = 1.000 Adjusted rainfall = 1.240(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 466.46 (CFS))	
1	3.973	18.532
2	30.607	124.236
3	60.634	140.065
4	73.829	61.548
5	81.493	35.748
6	86.639	24.002
7	90.205	16.637
8	92.803	12.116
9	94.773	9.192
10	96.270	6.981
11	97.365	5.109
12	98.059	3.238
13	98.612	2.579
14	99.213	2.803
15	99.664	2.102
16	100.000	1.570

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2885	0.2885
2	0.3551	0.0667
3	0.4011	0.0459
4	0.4372	0.0362
5	0.4675	0.0303
6	0.4938	0.0263
7	0.5171	0.0234
8	0.5383	0.0211
9	0.5576	0.0194
10	0.5755	0.0179
11	0.5922	0.0167
12	0.6079	0.0157
13	0.6276	0.0197
14	0.6464	0.0188
15	0.6644	0.0180
16	0.6817	0.0173
17	0.6984	0.0167
18	0.7144	0.0161
19	0.7300	0.0156
20	0.7451	0.0151
21	0.7597	0.0146
22	0.7739	0.0142
23	0.7877	0.0138
24	0.8012	0.0135
25	0.8143	0.0131
26	0.8271	0.0128

27	0.8397	0.0125
28	0.8519	0.0123
29	0.8639	0.0120
30	0.8756	0.0117
31	0.8871	0.0115
32	0.8984	0.0113
33	0.9095	0.0111
34	0.9204	0.0109
35	0.9311	0.0107
36	0.9416	0.0105
37	0.9519	0.0103
38	0.9620	0.0101
39	0.9720	0.0100
40	0.9818	0.0098
41	0.9915	0.0097
42	1.0010	0.0095
43	1.0104	0.0094
44	1.0197	0.0093
45	1.0288	0.0091
46	1.0378	0.0090
47	1.0467	0.0089
48	1.0555	0.0088
49	1.0642	0.0087
50	1.0728	0.0086
51	1.0812	0.0085
52	1.0896	0.0084
53	1.0979	0.0083
54	1.1060	0.0082
55	1.1141	0.0081
56	1.1221	0.0080
57	1.1300	0.0079
58	1.1379	0.0078
59	1.1456	0.0077
60	1.1533	0.0077
61	1.1609	0.0076
62	1.1684	0.0075
63	1.1758	0.0074
64	1.1832	0.0074
65	1.1905	0.0073
66	1.1978	0.0072
67	1.2049	0.0072
68	1.2120	0.0071
69	1.2191	0.0070
70	1.2261	0.0070
71	1.2330	0.0069
72	1.2399	0.0069
73	1.2465	0.0067
74	1.2532	0.0066
75	1.2598	0.0066
76	1.2663	0.0065

77	1.2728	0.0065
78	1.2792	0.0064
79	1.2856	0.0064
80	1.2919	0.0063
81	1.2982	0.0063
82	1.3044	0.0062
83	1.3106	0.0062
84	1.3167	0.0061
85	1.3228	0.0061
86	1.3289	0.0061
87	1.3349	0.0060
88	1.3409	0.0060
89	1.3468	0.0059
90	1.3527	0.0059
91	1.3585	0.0058
92	1.3643	0.0058
93	1.3701	0.0058
94	1.3758	0.0057
95	1.3815	0.0057
96	1.3872	0.0057
97	1.3928	0.0056
98	1.3984	0.0056
99	1.4039	0.0056
100	1.4095	0.0055
101	1.4149	0.0055
102	1.4204	0.0055
103	1.4258	0.0054
104	1.4312	0.0054
105	1.4366	0.0054
106	1.4419	0.0053
107	1.4472	0.0053
108	1.4524	0.0053
109	1.4577	0.0052
110	1.4629	0.0052
111	1.4681	0.0052
112	1.4732	0.0051
113	1.4783	0.0051
114	1.4834	0.0051
115	1.4885	0.0051
116	1.4935	0.0050
117	1.4985	0.0050
118	1.5035	0.0050
119	1.5085	0.0050
120	1.5134	0.0049
121	1.5183	0.0049
122	1.5232	0.0049
123	1.5281	0.0049
124	1.5329	0.0048
125	1.5377	0.0048
126	1.5425	0.0048

127	1.5473	0.0048
128	1.5520	0.0047
129	1.5567	0.0047
130	1.5614	0.0047
131	1.5661	0.0047
132	1.5708	0.0047
133	1.5754	0.0046
134	1.5800	0.0046
135	1.5846	0.0046
136	1.5892	0.0046
137	1.5937	0.0046
138	1.5983	0.0045
139	1.6028	0.0045
140	1.6073	0.0045
141	1.6117	0.0045
142	1.6162	0.0045
143	1.6206	0.0044
144	1.6250	0.0044
145	1.6294	0.0044
146	1.6338	0.0044
147	1.6382	0.0044
148	1.6425	0.0043
149	1.6468	0.0043
150	1.6511	0.0043
151	1.6554	0.0043
152	1.6597	0.0043
153	1.6640	0.0043
154	1.6682	0.0042
155	1.6724	0.0042
156	1.6766	0.0042
157	1.6808	0.0042
158	1.6850	0.0042
159	1.6891	0.0042
160	1.6933	0.0041
161	1.6974	0.0041
162	1.7015	0.0041
163	1.7056	0.0041
164	1.7097	0.0041
165	1.7137	0.0041
166	1.7178	0.0040
167	1.7218	0.0040
168	1.7258	0.0040
169	1.7298	0.0040
170	1.7338	0.0040
171	1.7378	0.0040
172	1.7417	0.0040
173	1.7457	0.0039
174	1.7496	0.0039
175	1.7535	0.0039
176	1.7574	0.0039

177	1.7613	0.0039
178	1.7652	0.0039
179	1.7691	0.0039
180	1.7729	0.0039
181	1.7768	0.0038
182	1.7806	0.0038
183	1.7844	0.0038
184	1.7882	0.0038
185	1.7920	0.0038
186	1.7958	0.0038
187	1.7995	0.0038
188	1.8033	0.0037
189	1.8070	0.0037
190	1.8107	0.0037
191	1.8144	0.0037
192	1.8181	0.0037
193	1.8218	0.0037
194	1.8255	0.0037
195	1.8292	0.0037
196	1.8328	0.0037
197	1.8365	0.0036
198	1.8401	0.0036
199	1.8437	0.0036
200	1.8473	0.0036
201	1.8509	0.0036
202	1.8545	0.0036
203	1.8581	0.0036
204	1.8617	0.0036
205	1.8652	0.0036
206	1.8688	0.0035
207	1.8723	0.0035
208	1.8758	0.0035
209	1.8794	0.0035
210	1.8829	0.0035
211	1.8864	0.0035
212	1.8898	0.0035
213	1.8933	0.0035
214	1.8968	0.0035
215	1.9002	0.0035
216	1.9037	0.0034
217	1.9071	0.0034
218	1.9105	0.0034
219	1.9140	0.0034
220	1.9174	0.0034
221	1.9208	0.0034
222	1.9241	0.0034
223	1.9275	0.0034
224	1.9309	0.0034
225	1.9343	0.0034
226	1.9376	0.0034

227	1.9409	0.0033
228	1.9443	0.0033
229	1.9476	0.0033
230	1.9509	0.0033
231	1.9542	0.0033
232	1.9575	0.0033
233	1.9608	0.0033
234	1.9641	0.0033
235	1.9674	0.0033
236	1.9706	0.0033
237	1.9739	0.0033
238	1.9771	0.0032
239	1.9804	0.0032
240	1.9836	0.0032
241	1.9868	0.0032
242	1.9900	0.0032
243	1.9932	0.0032
244	1.9964	0.0032
245	1.9996	0.0032
246	2.0028	0.0032
247	2.0060	0.0032
248	2.0091	0.0032
249	2.0123	0.0032
250	2.0155	0.0032
251	2.0186	0.0031
252	2.0217	0.0031
253	2.0249	0.0031
254	2.0280	0.0031
255	2.0311	0.0031
256	2.0342	0.0031
257	2.0373	0.0031
258	2.0404	0.0031
259	2.0435	0.0031
260	2.0465	0.0031
261	2.0496	0.0031
262	2.0527	0.0031
263	2.0557	0.0031
264	2.0588	0.0030
265	2.0618	0.0030
266	2.0649	0.0030
267	2.0679	0.0030
268	2.0709	0.0030
269	2.0739	0.0030
270	2.0769	0.0030
271	2.0799	0.0030
272	2.0829	0.0030
273	2.0859	0.0030
274	2.0889	0.0030
275	2.0918	0.0030
276	2.0948	0.0030

277	2.0978	0.0030
278	2.1007	0.0030
279	2.1037	0.0029
280	2.1066	0.0029
281	2.1095	0.0029
282	2.1125	0.0029
283	2.1154	0.0029
284	2.1183	0.0029
285	2.1212	0.0029
286	2.1241	0.0029
287	2.1270	0.0029
288	2.1299	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0005	0.0024
2	0.0029	0.0005	0.0024
3	0.0029	0.0005	0.0024
4	0.0029	0.0005	0.0024
5	0.0029	0.0005	0.0024
6	0.0029	0.0005	0.0024
7	0.0029	0.0005	0.0024
8	0.0030	0.0005	0.0024
9	0.0030	0.0005	0.0024
10	0.0030	0.0005	0.0024
11	0.0030	0.0005	0.0024
12	0.0030	0.0005	0.0024
13	0.0030	0.0006	0.0025
14	0.0030	0.0006	0.0025
15	0.0030	0.0006	0.0025
16	0.0030	0.0006	0.0025
17	0.0030	0.0006	0.0025
18	0.0031	0.0006	0.0025
19	0.0031	0.0006	0.0025
20	0.0031	0.0006	0.0025
21	0.0031	0.0006	0.0025
22	0.0031	0.0006	0.0025
23	0.0031	0.0006	0.0025
24	0.0031	0.0006	0.0025
25	0.0031	0.0006	0.0026
26	0.0031	0.0006	0.0026
27	0.0032	0.0006	0.0026
28	0.0032	0.0006	0.0026
29	0.0032	0.0006	0.0026
30	0.0032	0.0006	0.0026
31	0.0032	0.0006	0.0026
32	0.0032	0.0006	0.0026
33	0.0032	0.0006	0.0026

34	0.0032	0.0006	0.0026
35	0.0033	0.0006	0.0027
36	0.0033	0.0006	0.0027
37	0.0033	0.0006	0.0027
38	0.0033	0.0006	0.0027
39	0.0033	0.0006	0.0027
40	0.0033	0.0006	0.0027
41	0.0033	0.0006	0.0027
42	0.0033	0.0006	0.0027
43	0.0034	0.0006	0.0027
44	0.0034	0.0006	0.0028
45	0.0034	0.0006	0.0028
46	0.0034	0.0006	0.0028
47	0.0034	0.0006	0.0028
48	0.0034	0.0006	0.0028
49	0.0034	0.0006	0.0028
50	0.0035	0.0006	0.0028
51	0.0035	0.0006	0.0028
52	0.0035	0.0006	0.0028
53	0.0035	0.0006	0.0029
54	0.0035	0.0006	0.0029
55	0.0035	0.0006	0.0029
56	0.0035	0.0007	0.0029
57	0.0036	0.0007	0.0029
58	0.0036	0.0007	0.0029
59	0.0036	0.0007	0.0029
60	0.0036	0.0007	0.0029
61	0.0036	0.0007	0.0030
62	0.0036	0.0007	0.0030
63	0.0037	0.0007	0.0030
64	0.0037	0.0007	0.0030
65	0.0037	0.0007	0.0030
66	0.0037	0.0007	0.0030
67	0.0037	0.0007	0.0031
68	0.0037	0.0007	0.0031
69	0.0038	0.0007	0.0031
70	0.0038	0.0007	0.0031
71	0.0038	0.0007	0.0031
72	0.0038	0.0007	0.0031
73	0.0039	0.0007	0.0031
74	0.0039	0.0007	0.0032
75	0.0039	0.0007	0.0032
76	0.0039	0.0007	0.0032
77	0.0039	0.0007	0.0032
78	0.0039	0.0007	0.0032
79	0.0040	0.0007	0.0032
80	0.0040	0.0007	0.0033
81	0.0040	0.0007	0.0033
82	0.0040	0.0007	0.0033
83	0.0041	0.0007	0.0033

84	0.0041	0.0007	0.0033
85	0.0041	0.0008	0.0034
86	0.0041	0.0008	0.0034
87	0.0042	0.0008	0.0034
88	0.0042	0.0008	0.0034
89	0.0042	0.0008	0.0034
90	0.0042	0.0008	0.0034
91	0.0043	0.0008	0.0035
92	0.0043	0.0008	0.0035
93	0.0043	0.0008	0.0035
94	0.0043	0.0008	0.0035
95	0.0044	0.0008	0.0036
96	0.0044	0.0008	0.0036
97	0.0044	0.0008	0.0036
98	0.0044	0.0008	0.0036
99	0.0045	0.0008	0.0037
100	0.0045	0.0008	0.0037
101	0.0045	0.0008	0.0037
102	0.0046	0.0008	0.0037
103	0.0046	0.0008	0.0037
104	0.0046	0.0008	0.0038
105	0.0047	0.0009	0.0038
106	0.0047	0.0009	0.0038
107	0.0047	0.0009	0.0039
108	0.0047	0.0009	0.0039
109	0.0048	0.0009	0.0039
110	0.0048	0.0009	0.0039
111	0.0049	0.0009	0.0040
112	0.0049	0.0009	0.0040
113	0.0049	0.0009	0.0040
114	0.0050	0.0009	0.0041
115	0.0050	0.0009	0.0041
116	0.0050	0.0009	0.0041
117	0.0051	0.0009	0.0042
118	0.0051	0.0009	0.0042
119	0.0052	0.0009	0.0042
120	0.0052	0.0010	0.0043
121	0.0053	0.0010	0.0043
122	0.0053	0.0010	0.0043
123	0.0054	0.0010	0.0044
124	0.0054	0.0010	0.0044
125	0.0055	0.0010	0.0045
126	0.0055	0.0010	0.0045
127	0.0056	0.0010	0.0045
128	0.0056	0.0010	0.0046
129	0.0057	0.0010	0.0046
130	0.0057	0.0010	0.0047
131	0.0058	0.0011	0.0047
132	0.0058	0.0011	0.0047
133	0.0059	0.0011	0.0048

134	0.0059	0.0011	0.0048
135	0.0060	0.0011	0.0049
136	0.0061	0.0011	0.0049
137	0.0061	0.0011	0.0050
138	0.0062	0.0011	0.0051
139	0.0063	0.0012	0.0051
140	0.0063	0.0012	0.0052
141	0.0064	0.0012	0.0052
142	0.0065	0.0012	0.0053
143	0.0066	0.0012	0.0054
144	0.0066	0.0012	0.0054
145	0.0069	0.0013	0.0056
146	0.0069	0.0013	0.0057
147	0.0070	0.0013	0.0058
148	0.0071	0.0013	0.0058
149	0.0072	0.0013	0.0059
150	0.0073	0.0013	0.0060
151	0.0074	0.0014	0.0061
152	0.0075	0.0014	0.0061
153	0.0077	0.0014	0.0063
154	0.0077	0.0014	0.0063
155	0.0079	0.0015	0.0065
156	0.0080	0.0015	0.0065
157	0.0082	0.0015	0.0067
158	0.0083	0.0015	0.0068
159	0.0085	0.0016	0.0069
160	0.0086	0.0016	0.0070
161	0.0088	0.0016	0.0072
162	0.0089	0.0016	0.0073
163	0.0091	0.0017	0.0075
164	0.0093	0.0017	0.0076
165	0.0095	0.0017	0.0078
166	0.0097	0.0018	0.0079
167	0.0100	0.0018	0.0081
168	0.0101	0.0019	0.0083
169	0.0105	0.0019	0.0086
170	0.0107	0.0020	0.0087
171	0.0111	0.0020	0.0090
172	0.0113	0.0021	0.0092
173	0.0117	0.0022	0.0096
174	0.0120	0.0022	0.0098
175	0.0125	0.0023	0.0102
176	0.0128	0.0024	0.0105
177	0.0135	0.0025	0.0110
178	0.0138	0.0025	0.0113
179	0.0146	0.0027	0.0119
180	0.0151	0.0028	0.0123
181	0.0161	0.0029	0.0131
182	0.0167	0.0031	0.0136
183	0.0180	0.0033	0.0147

184	0.0188	0.0034	0.0154
185	0.0157	0.0029	0.0128
186	0.0167	0.0031	0.0136
187	0.0194	0.0035	0.0158
188	0.0211	0.0039	0.0173
189	0.0263	0.0046	0.0217
190	0.0303	0.0046	0.0257
191	0.0459	0.0046	0.0414
192	0.0667	0.0046	0.0621
193	0.2885	0.0046	0.2839
194	0.0362	0.0046	0.0316
195	0.0234	0.0043	0.0191
196	0.0179	0.0033	0.0146
197	0.0197	0.0036	0.0161
198	0.0173	0.0032	0.0141
199	0.0156	0.0029	0.0127
200	0.0142	0.0026	0.0116
201	0.0131	0.0024	0.0107
202	0.0123	0.0022	0.0100
203	0.0115	0.0021	0.0094
204	0.0109	0.0020	0.0089
205	0.0103	0.0019	0.0084
206	0.0098	0.0018	0.0080
207	0.0094	0.0017	0.0077
208	0.0090	0.0017	0.0074
209	0.0087	0.0016	0.0071
210	0.0084	0.0015	0.0068
211	0.0081	0.0015	0.0066
212	0.0078	0.0014	0.0064
213	0.0076	0.0014	0.0062
214	0.0074	0.0014	0.0060
215	0.0072	0.0013	0.0059
216	0.0070	0.0013	0.0057
217	0.0067	0.0012	0.0055
218	0.0065	0.0012	0.0053
219	0.0064	0.0012	0.0052
220	0.0062	0.0011	0.0051
221	0.0061	0.0011	0.0050
222	0.0060	0.0011	0.0049
223	0.0058	0.0011	0.0048
224	0.0057	0.0011	0.0047
225	0.0056	0.0010	0.0046
226	0.0055	0.0010	0.0045
227	0.0054	0.0010	0.0044
228	0.0053	0.0010	0.0043
229	0.0052	0.0010	0.0043
230	0.0051	0.0009	0.0042
231	0.0051	0.0009	0.0041
232	0.0050	0.0009	0.0041
233	0.0049	0.0009	0.0040

234	0.0048	0.0009	0.0040
235	0.0048	0.0009	0.0039
236	0.0047	0.0009	0.0038
237	0.0046	0.0008	0.0038
238	0.0046	0.0008	0.0037
239	0.0045	0.0008	0.0037
240	0.0045	0.0008	0.0036
241	0.0044	0.0008	0.0036
242	0.0043	0.0008	0.0035
243	0.0043	0.0008	0.0035
244	0.0042	0.0008	0.0035
245	0.0042	0.0008	0.0034
246	0.0041	0.0008	0.0034
247	0.0041	0.0008	0.0033
248	0.0040	0.0007	0.0033
249	0.0040	0.0007	0.0033
250	0.0040	0.0007	0.0032
251	0.0039	0.0007	0.0032
252	0.0039	0.0007	0.0032
253	0.0038	0.0007	0.0031
254	0.0038	0.0007	0.0031
255	0.0038	0.0007	0.0031
256	0.0037	0.0007	0.0030
257	0.0037	0.0007	0.0030
258	0.0037	0.0007	0.0030
259	0.0036	0.0007	0.0030
260	0.0036	0.0007	0.0029
261	0.0036	0.0007	0.0029
262	0.0035	0.0006	0.0029
263	0.0035	0.0006	0.0029
264	0.0035	0.0006	0.0028
265	0.0034	0.0006	0.0028
266	0.0034	0.0006	0.0028
267	0.0034	0.0006	0.0028
268	0.0034	0.0006	0.0027
269	0.0033	0.0006	0.0027
270	0.0033	0.0006	0.0027
271	0.0033	0.0006	0.0027
272	0.0032	0.0006	0.0027
273	0.0032	0.0006	0.0026
274	0.0032	0.0006	0.0026
275	0.0032	0.0006	0.0026
276	0.0032	0.0006	0.0026
277	0.0031	0.0006	0.0026
278	0.0031	0.0006	0.0025
279	0.0031	0.0006	0.0025
280	0.0031	0.0006	0.0025
281	0.0030	0.0006	0.0025
282	0.0030	0.0006	0.0025
283	0.0030	0.0005	0.0024

284	0.0030	0.0005	0.0024
285	0.0030	0.0005	0.0024
286	0.0029	0.0005	0.0024
287	0.0029	0.0005	0.0024
288	0.0029	0.0005	0.0024

Total soil rain loss = 0.33(In)
Total effective rainfall = 1.80(In)
Peak flow rate in flood hydrograph = 51.01(CFS)

++

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

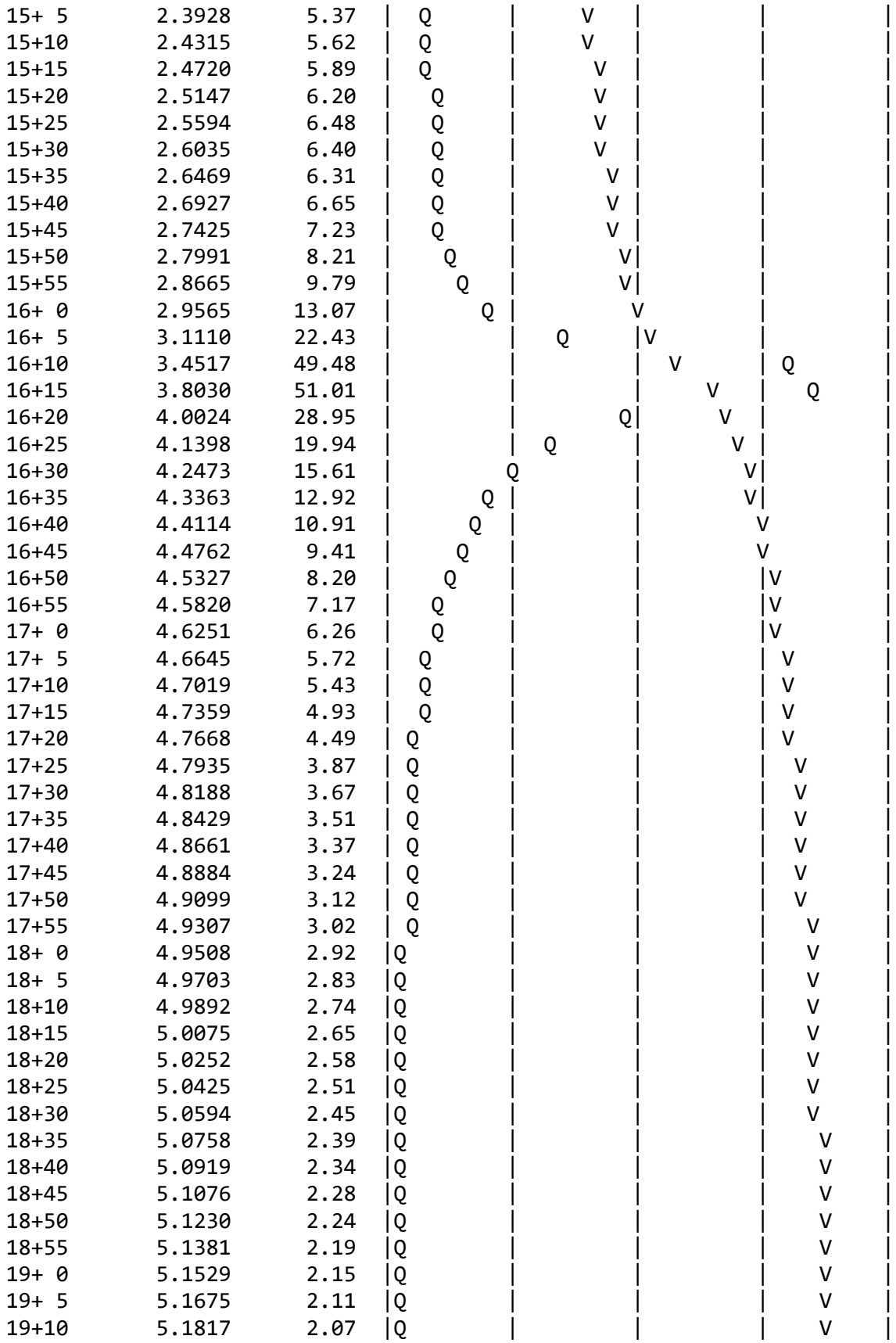
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	15.0	30.0	45.0	60.0
0+ 5	0.0003	0.04	Q				
0+10	0.0026	0.34	Q				
0+15	0.0072	0.67	Q				
0+20	0.0128	0.82	Q				
0+25	0.0191	0.90	Q				
0+30	0.0257	0.96	Q				
0+35	0.0326	1.00	Q				
0+40	0.0397	1.04	Q				
0+45	0.0470	1.06	Q				
0+50	0.0545	1.08	Q				
0+55	0.0620	1.10	Q				
1+ 0	0.0697	1.11	Q				
1+ 5	0.0774	1.12	Q				
1+10	0.0851	1.13	Q				
1+15	0.0930	1.14	Q				
1+20	0.1009	1.14	Q				
1+25	0.1088	1.15	Q				
1+30	0.1167	1.15	Q				
1+35	0.1247	1.16	Q				
1+40	0.1327	1.16	Q				
1+45	0.1407	1.16	Q				
1+50	0.1487	1.17	QV				
1+55	0.1568	1.17	QV				
2+ 0	0.1649	1.18	QV				
2+ 5	0.1730	1.18	QV				
2+10	0.1812	1.19	QV				
2+15	0.1894	1.19	QV				
2+20	0.1976	1.19	QV				
2+25	0.2059	1.20	QV				
2+30	0.2142	1.20	QV				

2+35	0.2225	1.21	QV	|	|	|	|
2+40	0.2308	1.21	QV	|	|	|	|
2+45	0.2392	1.22	QV	|	|	|	|
2+50	0.2476	1.22	QV	|	|	|	|
2+55	0.2560	1.23	QV	|	|	|	|
3+ 0	0.2645	1.23	QV	|	|	|	|
3+ 5	0.2730	1.23	QV	|	|	|	|
3+10	0.2815	1.24	QV	|	|	|	|
3+15	0.2901	1.24	Q V	|	|	|	|
3+20	0.2987	1.25	Q V	|	|	|	|
3+25	0.3074	1.25	Q V	|	|	|	|
3+30	0.3160	1.26	Q V	|	|	|	|
3+35	0.3247	1.26	Q V	|	|	|	|
3+40	0.3335	1.27	Q V	|	|	|	|
3+45	0.3422	1.27	Q V	|	|	|	|
3+50	0.3511	1.28	Q V	|	|	|	|
3+55	0.3599	1.28	Q V	|	|	|	|
4+ 0	0.3688	1.29	Q V	|	|	|	|
4+ 5	0.3777	1.30	Q V	|	|	|	|
4+10	0.3867	1.30	Q V	|	|	|	|
4+15	0.3957	1.31	Q V	|	|	|	|
4+20	0.4047	1.31	Q V	|	|	|	|
4+25	0.4138	1.32	Q V	|	|	|	|
4+30	0.4229	1.32	Q V	|	|	|	|
4+35	0.4320	1.33	Q V	|	|	|	|
4+40	0.4412	1.33	Q V	|	|	|	|
4+45	0.4505	1.34	Q V	|	|	|	|
4+50	0.4597	1.35	Q V	|	|	|	|
4+55	0.4690	1.35	Q V	|	|	|	|
5+ 0	0.4784	1.36	Q V	|	|	|	|
5+ 5	0.4878	1.36	Q V	|	|	|	|
5+10	0.4972	1.37	Q V	|	|	|	|
5+15	0.5067	1.38	Q V	|	|	|	|
5+20	0.5162	1.38	Q V	|	|	|	|
5+25	0.5258	1.39	Q V	|	|	|	|
5+30	0.5354	1.40	Q V	|	|	|	|
5+35	0.5451	1.40	Q V	|	|	|	|
5+40	0.5548	1.41	Q V	|	|	|	|
5+45	0.5646	1.42	Q V	|	|	|	|
5+50	0.5744	1.42	Q V	|	|	|	|
5+55	0.5842	1.43	Q V	|	|	|	|
6+ 0	0.5941	1.44	Q V	|	|	|	|
6+ 5	0.6040	1.44	Q V	|	|	|	|
6+10	0.6140	1.45	Q V	|	|	|	|
6+15	0.6241	1.46	Q V	|	|	|	|
6+20	0.6342	1.47	Q V	|	|	|	|
6+25	0.6443	1.47	Q V	|	|	|	|
6+30	0.6545	1.48	Q V	|	|	|	|
6+35	0.6648	1.49	Q V	|	|	|	|
6+40	0.6751	1.50	Q V	|	|	|	|

6+45	0.6855	1.50	Q V	|	|	|	|
6+50	0.6959	1.51	Q V	|	|	|	|
6+55	0.7064	1.52	Q V	|	|	|	|
7+ 0	0.7169	1.53	Q V	|	|	|	|
7+ 5	0.7275	1.54	Q V	|	|	|	|
7+10	0.7381	1.55	Q V	|	|	|	|
7+15	0.7489	1.56	Q V	|	|	|	|
7+20	0.7596	1.56	Q V	|	|	|	|
7+25	0.7705	1.57	Q V	|	|	|	|
7+30	0.7814	1.58	Q V	|	|	|	|
7+35	0.7923	1.59	Q V	|	|	|	|
7+40	0.8033	1.60	Q V	|	|	|	|
7+45	0.8144	1.61	Q V	|	|	|	|
7+50	0.8256	1.62	Q V	|	|	|	|
7+55	0.8368	1.63	Q V	|	|	|	|
8+ 0	0.8481	1.64	Q V	|	|	|	|
8+ 5	0.8594	1.65	Q V	|	|	|	|
8+10	0.8709	1.66	Q V	|	|	|	|
8+15	0.8824	1.67	Q V	|	|	|	|
8+20	0.8939	1.68	Q V	|	|	|	|
8+25	0.9056	1.69	Q V	|	|	|	|
8+30	0.9173	1.70	Q V	|	|	|	|
8+35	0.9291	1.71	Q V	|	|	|	|
8+40	0.9410	1.73	Q V	|	|	|	|
8+45	0.9530	1.74	Q V	|	|	|	|
8+50	0.9650	1.75	Q V	|	|	|	|
8+55	0.9771	1.76	Q V	|	|	|	|
9+ 0	0.9893	1.77	Q V	|	|	|	|
9+ 5	1.0016	1.78	Q V	|	|	|	|
9+10	1.0140	1.80	Q V	|	|	|	|
9+15	1.0265	1.81	Q V	|	|	|	|
9+20	1.0390	1.82	Q V	|	|	|	|
9+25	1.0517	1.84	Q V	|	|	|	|
9+30	1.0644	1.85	Q V	|	|	|	|
9+35	1.0773	1.86	Q V	|	|	|	|
9+40	1.0902	1.88	Q V	|	|	|	|
9+45	1.1033	1.89	Q V	|	|	|	|
9+50	1.1164	1.91	Q V	|	|	|	|
9+55	1.1297	1.92	Q V	|	|	|	|
10+ 0	1.1430	1.94	Q V	|	|	|	|
10+ 5	1.1565	1.95	Q V	|	|	|	|
10+10	1.1700	1.97	Q V	|	|	|	|
10+15	1.1837	1.99	Q V	|	|	|	|
10+20	1.1975	2.00	Q V	|	|	|	|
10+25	1.2115	2.02	Q V	|	|	|	|
10+30	1.2255	2.04	Q V	|	|	|	|
10+35	1.2397	2.06	Q V	|	|	|	|
10+40	1.2540	2.08	Q V	|	|	|	|
10+45	1.2684	2.09	Q V	|	|	|	|
10+50	1.2829	2.11	Q V	|	|	|	|

```
10+55       1.2976      2.13  |Q      V |          |          |          |
11+ 0       1.3125      2.15  |Q       V|          |          |          |
11+ 5       1.3275      2.18  |Q       V|          |          |          |
11+10       1.3426      2.20  |Q       V|          |          |          |
11+15       1.3579      2.22  |Q       V|          |          |          |
11+20       1.3733      2.24  |Q       V|          |          |          |
11+25       1.3889      2.26  |Q       V|          |          |          |
11+30       1.4047      2.29  |Q       V|          |          |          |
11+35       1.4206      2.31  |Q       V|          |          |          |
11+40       1.4367      2.34  |Q       V|          |          |          |
11+45       1.4530      2.36  |Q        V          |          |          |
11+50       1.4694      2.39  |Q        V          |          |          |
11+55       1.4861      2.42  |Q        V          |          |          |
12+ 0       1.5030      2.45  |Q        V          |          |          |
12+ 5       1.5200      2.48  |Q        V          |          |          |
12+10       1.5374      2.52  |Q        V          |          |          |
12+15       1.5550      2.56  |Q        V          |          |          |
12+20       1.5730      2.60  |Q        V          |          |          |
12+25       1.5912      2.64  |Q        V          |          |          |
12+30       1.6096      2.68  |Q        |V          |          |          |
12+35       1.6283      2.71  |Q        |V          |          |          |
12+40       1.6473      2.75  |Q        |V          |          |          |
12+45       1.6665      2.79  |Q        |V          |          |          |
12+50       1.6860      2.83  |Q        |V          |          |          |
12+55       1.7058      2.88  |Q        |V          |          |          |
13+ 0       1.7259      2.92  |Q        |V          |          |          |
13+ 5       1.7464      2.97  |Q        | V         |          |          |
13+10       1.7671      3.01  | Q       | V         |          |          |
13+15       1.7882      3.06  | Q       | V         |          |          |
13+20       1.8097      3.12  | Q       | V         |          |          |
13+25       1.8315      3.17  | Q       | V         |          |          |
13+30       1.8537      3.23  | Q       | V         |          |          |
13+35       1.8764      3.29  | Q       | V         |          |          |
13+40       1.8994      3.35  | Q       |  V        |          |          |
13+45       1.9229      3.41  | Q       |  V        |          |          |
13+50       1.9469      3.48  | Q       |  V        |          |          |
13+55       1.9714      3.56  | Q       |  V        |          |          |
14+ 0       1.9965      3.63  | Q       |  V        |          |          |
14+ 5       2.0221      3.72  | Q       |  V        |          |          |
14+10       2.0483      3.81  | Q       |   V       |          |          |
14+15       2.0752      3.90  | Q       |   V       |          |          |
14+20       2.1028      4.01  | Q       |   V       |          |          |
14+25       2.1311      4.11  | Q       |   V       |          |          |
14+30       2.1602      4.23  | Q       |   V       |          |          |
14+35       2.1902      4.35  | Q       |    V      |          |          |
14+40       2.2211      4.49  | Q       |    V      |          |          |
14+45       2.2530      4.63  |  Q      |    V      |          |          |
14+50       2.2860      4.79  |  Q      |    V      |          |          |
14+55       2.3202      4.97  |  Q      |     V     |          |          |
15+ 0       2.3558      5.16  |  Q      |     V     |          |          |
```



```
19+15       5.1957      2.03  |Q        |         |         |    V    |
19+20       5.2095      2.00  |Q        |         |         |    V    |
19+25       5.2230      1.97  |Q        |         |         |     V   |
19+30       5.2363      1.93  |Q        |         |         |     V   |
19+35       5.2494      1.90  |Q        |         |         |     V   |
19+40       5.2623      1.87  |Q        |         |         |     V   |
19+45       5.2750      1.85  |Q        |         |         |     V   |
19+50       5.2876      1.82  |Q        |         |         |     V   |
19+55       5.2999      1.79  |Q        |         |         |     V   |
20+ 0       5.3121      1.77  |Q        |         |         |     V   |
20+ 5       5.3241      1.74  |Q        |         |         |     V   |
20+10       5.3359      1.72  |Q        |         |         |     V   |
20+15       5.3476      1.70  |Q        |         |         |     V   |
20+20       5.3592      1.68  |Q        |         |         |      V  |
20+25       5.3706      1.66  |Q        |         |         |      V  |
20+30       5.3818      1.63  |Q        |         |         |      V  |
20+35       5.3930      1.62  |Q        |         |         |      V  |
20+40       5.4040      1.60  |Q        |         |         |      V  |
20+45       5.4148      1.58  |Q        |         |         |      V  |
20+50       5.4256      1.56  |Q        |         |         |      V  |
20+55       5.4362      1.54  |Q        |         |         |      V  |
21+ 0       5.4467      1.53  |Q        |         |         |      V  |
21+ 5       5.4571      1.51  |Q        |         |         |      V  |
21+10       5.4674      1.49  Q        |         |         |      V  |
21+15       5.4776      1.48  Q        |         |         |      V  |
21+20       5.4876      1.46  Q        |         |         |      V  |
21+25       5.4976      1.45  Q        |         |         |      V  |
21+30       5.5075      1.43  Q        |         |         |       V |
21+35       5.5173      1.42  Q        |         |         |       V |
21+40       5.5269      1.41  Q        |         |         |       V |
21+45       5.5365      1.39  Q        |         |         |       V |
21+50       5.5460      1.38  Q        |         |         |       V |
21+55       5.5555      1.37  Q        |         |         |       V |
22+ 0       5.5648      1.36  Q        |         |         |       V |
22+ 5       5.5740      1.34  Q        |         |         |       V |
22+10       5.5832      1.33  Q        |         |         |       V |
22+15       5.5923      1.32  Q        |         |         |       V |
22+20       5.6013      1.31  Q        |         |         |       V |
22+25       5.6103      1.30  Q        |         |         |       V |
22+30       5.6191      1.29  Q        |         |         |       V |
22+35       5.6279      1.28  Q        |         |         |       V |
22+40       5.6366      1.27  Q        |         |         |       V |
22+45       5.6453      1.26  Q        |         |         |       V |
22+50       5.6539      1.25  Q        |         |         |        V|
22+55       5.6624      1.24  Q        |         |         |        V|
23+ 0       5.6709      1.23  Q        |         |         |        V|
23+ 5       5.6792      1.22  Q        |         |         |        V|
23+10       5.6876      1.21  Q        |         |         |        V|
23+15       5.6958      1.20  Q        |         |         |        V|
23+20       5.7040      1.19  Q        |         |         |        V|
```

```
   23+25       5.7122      1.18  Q         |         |         |         V|
   23+30       5.7203      1.17  Q         |         |         |         V|
   23+35       5.7283      1.17  Q         |         |         |         V|
   23+40       5.7363      1.16  Q         |         |         |         V|
   23+45       5.7442      1.15  Q         |         |         |         V|
   23+50       5.7521      1.14  Q         |         |         |         V|
   23+55       5.7599      1.13  Q         |         |         |         V|
   24+ 0       5.7677      1.13  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/06/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area D
10-year Developed

Storm Event Year = 10

Antecedent Moisture Condition = 2

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 10		
37.56	1	0.61
Rainfall data for year 10		
37.56	6	1.24
Rainfall data for year 10		
37.56	24	2.13

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 2)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	69.0	37.56	1.000	0.548	0.100	0.055

Area-averaged adjusted loss rate Fm (In/Hr) = 0.055

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC2)	S	Pervious Yield Fr
3.76	0.100	69.0	69.0	4.49	0.124
33.80	0.900	98.0	98.0	0.20	0.894

Area-averaged catchment yield fraction, Y = 0.817
Area-averaged low loss fraction, Yb = 0.183
User entry of time of concentration = 0.184 (hours)
++
Watershed area = 37.56(Ac.)
Catchment Lag time = 0.147 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 56.6123
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.055(In/Hr)
Average low loss rate fraction (Yb) = 0.183 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.289(In)
Computed peak 30-minute rainfall = 0.495(In)
Specified peak 1-hour rainfall = 0.609(In)
Computed peak 3-hour rainfall = 0.942(In)
Specified peak 6-hour rainfall = 1.240(In)
Specified peak 24-hour rainfall = 2.130(In)

Rainfall depth area reduction factors:
Using a total area of 37.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.288(In)
30-minute factor = 0.998 Adjusted rainfall = 0.494(In)
1-hour factor = 0.998 Adjusted rainfall = 0.608(In)
3-hour factor = 1.000 Adjusted rainfall = 0.942(In)
6-hour factor = 1.000 Adjusted rainfall = 1.240(In)
24-hour factor = 1.000 Adjusted rainfall = 2.130(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 454.24 (CFS))	
1	4.973	22.590
2	37.958	149.829
3	65.824	126.579
4	77.737	54.117
5	84.689	31.575
6	89.324	21.055
7	92.440	14.153
8	94.734	10.424
9	96.405	7.589
10	97.562	5.257
11	98.253	3.139
12	98.912	2.994
13	99.526	2.788
14	100.000	2.152

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.2885	0.2885
2	0.3551	0.0667
3	0.4011	0.0459
4	0.4372	0.0362
5	0.4675	0.0303
6	0.4938	0.0263
7	0.5172	0.0234
8	0.5383	0.0211
9	0.5577	0.0194
10	0.5756	0.0179
11	0.5923	0.0167
12	0.6079	0.0157
13	0.6276	0.0197
14	0.6464	0.0188
15	0.6644	0.0180
16	0.6817	0.0173
17	0.6984	0.0167
18	0.7145	0.0161
19	0.7300	0.0156
20	0.7451	0.0151
21	0.7597	0.0146
22	0.7739	0.0142
23	0.7877	0.0138
24	0.8012	0.0135
25	0.8143	0.0131
26	0.8271	0.0128
27	0.8397	0.0125
28	0.8519	0.0122

29	0.8639	0.0120
30	0.8756	0.0117
31	0.8872	0.0115
32	0.8984	0.0113
33	0.9095	0.0111
34	0.9204	0.0109
35	0.9311	0.0107
36	0.9416	0.0105
37	0.9519	0.0103
38	0.9620	0.0101
39	0.9720	0.0100
40	0.9818	0.0098
41	0.9915	0.0097
42	1.0010	0.0095
43	1.0104	0.0094
44	1.0197	0.0093
45	1.0288	0.0091
46	1.0378	0.0090
47	1.0467	0.0089
48	1.0555	0.0088
49	1.0642	0.0087
50	1.0728	0.0086
51	1.0812	0.0085
52	1.0896	0.0084
53	1.0979	0.0083
54	1.1060	0.0082
55	1.1141	0.0081
56	1.1221	0.0080
57	1.1300	0.0079
58	1.1379	0.0078
59	1.1456	0.0077
60	1.1533	0.0077
61	1.1609	0.0076
62	1.1684	0.0075
63	1.1758	0.0074
64	1.1832	0.0074
65	1.1905	0.0073
66	1.1978	0.0072
67	1.2049	0.0072
68	1.2120	0.0071
69	1.2191	0.0070
70	1.2261	0.0070
71	1.2330	0.0069
72	1.2399	0.0069
73	1.2465	0.0067
74	1.2532	0.0066
75	1.2598	0.0066
76	1.2663	0.0065
77	1.2728	0.0065
78	1.2792	0.0064

79	1.2856	0.0064
80	1.2919	0.0063
81	1.2982	0.0063
82	1.3044	0.0062
83	1.3106	0.0062
84	1.3167	0.0061
85	1.3228	0.0061
86	1.3289	0.0061
87	1.3349	0.0060
88	1.3409	0.0060
89	1.3468	0.0059
90	1.3527	0.0059
91	1.3585	0.0058
92	1.3643	0.0058
93	1.3701	0.0058
94	1.3758	0.0057
95	1.3815	0.0057
96	1.3872	0.0057
97	1.3928	0.0056
98	1.3984	0.0056
99	1.4039	0.0056
100	1.4095	0.0055
101	1.4150	0.0055
102	1.4204	0.0055
103	1.4258	0.0054
104	1.4312	0.0054
105	1.4366	0.0054
106	1.4419	0.0053
107	1.4472	0.0053
108	1.4524	0.0053
109	1.4577	0.0052
110	1.4629	0.0052
111	1.4681	0.0052
112	1.4732	0.0051
113	1.4783	0.0051
114	1.4834	0.0051
115	1.4885	0.0051
116	1.4935	0.0050
117	1.4985	0.0050
118	1.5035	0.0050
119	1.5085	0.0050
120	1.5134	0.0049
121	1.5183	0.0049
122	1.5232	0.0049
123	1.5281	0.0049
124	1.5329	0.0048
125	1.5377	0.0048
126	1.5425	0.0048
127	1.5473	0.0048
128	1.5520	0.0047

129	1.5568	0.0047
130	1.5614	0.0047
131	1.5661	0.0047
132	1.5708	0.0047
133	1.5754	0.0046
134	1.5800	0.0046
135	1.5846	0.0046
136	1.5892	0.0046
137	1.5937	0.0046
138	1.5983	0.0045
139	1.6028	0.0045
140	1.6073	0.0045
141	1.6117	0.0045
142	1.6162	0.0045
143	1.6206	0.0044
144	1.6250	0.0044
145	1.6294	0.0044
146	1.6338	0.0044
147	1.6382	0.0044
148	1.6425	0.0043
149	1.6468	0.0043
150	1.6511	0.0043
151	1.6554	0.0043
152	1.6597	0.0043
153	1.6640	0.0043
154	1.6682	0.0042
155	1.6724	0.0042
156	1.6766	0.0042
157	1.6808	0.0042
158	1.6850	0.0042
159	1.6891	0.0042
160	1.6933	0.0041
161	1.6974	0.0041
162	1.7015	0.0041
163	1.7056	0.0041
164	1.7097	0.0041
165	1.7137	0.0041
166	1.7178	0.0040
167	1.7218	0.0040
168	1.7258	0.0040
169	1.7298	0.0040
170	1.7338	0.0040
171	1.7378	0.0040
172	1.7417	0.0040
173	1.7457	0.0039
174	1.7496	0.0039
175	1.7535	0.0039
176	1.7574	0.0039
177	1.7613	0.0039
178	1.7652	0.0039

179	1.7691	0.0039
180	1.7729	0.0039
181	1.7768	0.0038
182	1.7806	0.0038
183	1.7844	0.0038
184	1.7882	0.0038
185	1.7920	0.0038
186	1.7958	0.0038
187	1.7995	0.0038
188	1.8033	0.0037
189	1.8070	0.0037
190	1.8107	0.0037
191	1.8144	0.0037
192	1.8181	0.0037
193	1.8218	0.0037
194	1.8255	0.0037
195	1.8292	0.0037
196	1.8328	0.0037
197	1.8365	0.0036
198	1.8401	0.0036
199	1.8437	0.0036
200	1.8473	0.0036
201	1.8509	0.0036
202	1.8545	0.0036
203	1.8581	0.0036
204	1.8617	0.0036
205	1.8652	0.0036
206	1.8688	0.0035
207	1.8723	0.0035
208	1.8758	0.0035
209	1.8794	0.0035
210	1.8829	0.0035
211	1.8864	0.0035
212	1.8898	0.0035
213	1.8933	0.0035
214	1.8968	0.0035
215	1.9002	0.0035
216	1.9037	0.0034
217	1.9071	0.0034
218	1.9105	0.0034
219	1.9140	0.0034
220	1.9174	0.0034
221	1.9208	0.0034
222	1.9242	0.0034
223	1.9275	0.0034
224	1.9309	0.0034
225	1.9343	0.0034
226	1.9376	0.0034
227	1.9410	0.0033
228	1.9443	0.0033

229	1.9476	0.0033
230	1.9509	0.0033
231	1.9542	0.0033
232	1.9575	0.0033
233	1.9608	0.0033
234	1.9641	0.0033
235	1.9674	0.0033
236	1.9706	0.0033
237	1.9739	0.0033
238	1.9771	0.0032
239	1.9804	0.0032
240	1.9836	0.0032
241	1.9868	0.0032
242	1.9900	0.0032
243	1.9932	0.0032
244	1.9964	0.0032
245	1.9996	0.0032
246	2.0028	0.0032
247	2.0060	0.0032
248	2.0091	0.0032
249	2.0123	0.0032
250	2.0155	0.0032
251	2.0186	0.0031
252	2.0217	0.0031
253	2.0249	0.0031
254	2.0280	0.0031
255	2.0311	0.0031
256	2.0342	0.0031
257	2.0373	0.0031
258	2.0404	0.0031
259	2.0435	0.0031
260	2.0465	0.0031
261	2.0496	0.0031
262	2.0527	0.0031
263	2.0557	0.0031
264	2.0588	0.0030
265	2.0618	0.0030
266	2.0649	0.0030
267	2.0679	0.0030
268	2.0709	0.0030
269	2.0739	0.0030
270	2.0769	0.0030
271	2.0799	0.0030
272	2.0829	0.0030
273	2.0859	0.0030
274	2.0889	0.0030
275	2.0918	0.0030
276	2.0948	0.0030
277	2.0978	0.0030
278	2.1007	0.0030

279	2.1037	0.0029
280	2.1066	0.0029
281	2.1095	0.0029
282	2.1125	0.0029
283	2.1154	0.0029
284	2.1183	0.0029
285	2.1212	0.0029
286	2.1241	0.0029
287	2.1270	0.0029
288	2.1299	0.0029

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0029	0.0005	0.0024
2	0.0029	0.0005	0.0024
3	0.0029	0.0005	0.0024
4	0.0029	0.0005	0.0024
5	0.0029	0.0005	0.0024
6	0.0029	0.0005	0.0024
7	0.0029	0.0005	0.0024
8	0.0030	0.0005	0.0024
9	0.0030	0.0005	0.0024
10	0.0030	0.0005	0.0024
11	0.0030	0.0005	0.0024
12	0.0030	0.0005	0.0024
13	0.0030	0.0006	0.0025
14	0.0030	0.0006	0.0025
15	0.0030	0.0006	0.0025
16	0.0030	0.0006	0.0025
17	0.0030	0.0006	0.0025
18	0.0031	0.0006	0.0025
19	0.0031	0.0006	0.0025
20	0.0031	0.0006	0.0025
21	0.0031	0.0006	0.0025
22	0.0031	0.0006	0.0025
23	0.0031	0.0006	0.0025
24	0.0031	0.0006	0.0025
25	0.0031	0.0006	0.0026
26	0.0031	0.0006	0.0026
27	0.0032	0.0006	0.0026
28	0.0032	0.0006	0.0026
29	0.0032	0.0006	0.0026
30	0.0032	0.0006	0.0026
31	0.0032	0.0006	0.0026
32	0.0032	0.0006	0.0026
33	0.0032	0.0006	0.0026
34	0.0032	0.0006	0.0026
35	0.0033	0.0006	0.0027

36	0.0033	0.0006	0.0027
37	0.0033	0.0006	0.0027
38	0.0033	0.0006	0.0027
39	0.0033	0.0006	0.0027
40	0.0033	0.0006	0.0027
41	0.0033	0.0006	0.0027
42	0.0033	0.0006	0.0027
43	0.0034	0.0006	0.0027
44	0.0034	0.0006	0.0028
45	0.0034	0.0006	0.0028
46	0.0034	0.0006	0.0028
47	0.0034	0.0006	0.0028
48	0.0034	0.0006	0.0028
49	0.0034	0.0006	0.0028
50	0.0035	0.0006	0.0028
51	0.0035	0.0006	0.0028
52	0.0035	0.0006	0.0028
53	0.0035	0.0006	0.0029
54	0.0035	0.0006	0.0029
55	0.0035	0.0006	0.0029
56	0.0035	0.0007	0.0029
57	0.0036	0.0007	0.0029
58	0.0036	0.0007	0.0029
59	0.0036	0.0007	0.0029
60	0.0036	0.0007	0.0029
61	0.0036	0.0007	0.0030
62	0.0036	0.0007	0.0030
63	0.0037	0.0007	0.0030
64	0.0037	0.0007	0.0030
65	0.0037	0.0007	0.0030
66	0.0037	0.0007	0.0030
67	0.0037	0.0007	0.0031
68	0.0037	0.0007	0.0031
69	0.0038	0.0007	0.0031
70	0.0038	0.0007	0.0031
71	0.0038	0.0007	0.0031
72	0.0038	0.0007	0.0031
73	0.0039	0.0007	0.0031
74	0.0039	0.0007	0.0032
75	0.0039	0.0007	0.0032
76	0.0039	0.0007	0.0032
77	0.0039	0.0007	0.0032
78	0.0039	0.0007	0.0032
79	0.0040	0.0007	0.0032
80	0.0040	0.0007	0.0033
81	0.0040	0.0007	0.0033
82	0.0040	0.0007	0.0033
83	0.0041	0.0007	0.0033
84	0.0041	0.0007	0.0033
85	0.0041	0.0008	0.0034

86	0.0041	0.0008	0.0034
87	0.0042	0.0008	0.0034
88	0.0042	0.0008	0.0034
89	0.0042	0.0008	0.0034
90	0.0042	0.0008	0.0034
91	0.0043	0.0008	0.0035
92	0.0043	0.0008	0.0035
93	0.0043	0.0008	0.0035
94	0.0043	0.0008	0.0035
95	0.0044	0.0008	0.0036
96	0.0044	0.0008	0.0036
97	0.0044	0.0008	0.0036
98	0.0044	0.0008	0.0036
99	0.0045	0.0008	0.0037
100	0.0045	0.0008	0.0037
101	0.0045	0.0008	0.0037
102	0.0046	0.0008	0.0037
103	0.0046	0.0008	0.0037
104	0.0046	0.0008	0.0038
105	0.0047	0.0009	0.0038
106	0.0047	0.0009	0.0038
107	0.0047	0.0009	0.0039
108	0.0047	0.0009	0.0039
109	0.0048	0.0009	0.0039
110	0.0048	0.0009	0.0039
111	0.0049	0.0009	0.0040
112	0.0049	0.0009	0.0040
113	0.0049	0.0009	0.0040
114	0.0050	0.0009	0.0041
115	0.0050	0.0009	0.0041
116	0.0050	0.0009	0.0041
117	0.0051	0.0009	0.0042
118	0.0051	0.0009	0.0042
119	0.0052	0.0009	0.0042
120	0.0052	0.0010	0.0043
121	0.0053	0.0010	0.0043
122	0.0053	0.0010	0.0043
123	0.0054	0.0010	0.0044
124	0.0054	0.0010	0.0044
125	0.0055	0.0010	0.0045
126	0.0055	0.0010	0.0045
127	0.0056	0.0010	0.0045
128	0.0056	0.0010	0.0046
129	0.0057	0.0010	0.0046
130	0.0057	0.0010	0.0047
131	0.0058	0.0011	0.0047
132	0.0058	0.0011	0.0047
133	0.0059	0.0011	0.0048
134	0.0059	0.0011	0.0048
135	0.0060	0.0011	0.0049

136	0.0061	0.0011	0.0049
137	0.0061	0.0011	0.0050
138	0.0062	0.0011	0.0051
139	0.0063	0.0012	0.0051
140	0.0063	0.0012	0.0052
141	0.0064	0.0012	0.0052
142	0.0065	0.0012	0.0053
143	0.0066	0.0012	0.0054
144	0.0066	0.0012	0.0054
145	0.0069	0.0013	0.0056
146	0.0069	0.0013	0.0057
147	0.0070	0.0013	0.0058
148	0.0071	0.0013	0.0058
149	0.0072	0.0013	0.0059
150	0.0073	0.0013	0.0060
151	0.0074	0.0014	0.0061
152	0.0075	0.0014	0.0061
153	0.0077	0.0014	0.0063
154	0.0077	0.0014	0.0063
155	0.0079	0.0015	0.0065
156	0.0080	0.0015	0.0065
157	0.0082	0.0015	0.0067
158	0.0083	0.0015	0.0068
159	0.0085	0.0016	0.0069
160	0.0086	0.0016	0.0070
161	0.0088	0.0016	0.0072
162	0.0089	0.0016	0.0073
163	0.0091	0.0017	0.0075
164	0.0093	0.0017	0.0076
165	0.0095	0.0017	0.0078
166	0.0097	0.0018	0.0079
167	0.0100	0.0018	0.0081
168	0.0101	0.0019	0.0083
169	0.0105	0.0019	0.0086
170	0.0107	0.0020	0.0087
171	0.0111	0.0020	0.0090
172	0.0113	0.0021	0.0092
173	0.0117	0.0022	0.0096
174	0.0120	0.0022	0.0098
175	0.0125	0.0023	0.0102
176	0.0128	0.0024	0.0105
177	0.0135	0.0025	0.0110
178	0.0138	0.0025	0.0113
179	0.0146	0.0027	0.0119
180	0.0151	0.0028	0.0123
181	0.0161	0.0029	0.0131
182	0.0167	0.0031	0.0136
183	0.0180	0.0033	0.0147
184	0.0188	0.0034	0.0154
185	0.0157	0.0029	0.0128

186	0.0167	0.0031	0.0136
187	0.0194	0.0036	0.0158
188	0.0211	0.0039	0.0173
189	0.0263	0.0046	0.0217
190	0.0303	0.0046	0.0257
191	0.0459	0.0046	0.0414
192	0.0667	0.0046	0.0621
193	0.2885	0.0046	0.2839
194	0.0362	0.0046	0.0316
195	0.0234	0.0043	0.0191
196	0.0179	0.0033	0.0146
197	0.0197	0.0036	0.0161
198	0.0173	0.0032	0.0141
199	0.0156	0.0029	0.0127
200	0.0142	0.0026	0.0116
201	0.0131	0.0024	0.0107
202	0.0122	0.0022	0.0100
203	0.0115	0.0021	0.0094
204	0.0109	0.0020	0.0089
205	0.0103	0.0019	0.0084
206	0.0098	0.0018	0.0080
207	0.0094	0.0017	0.0077
208	0.0090	0.0017	0.0074
209	0.0087	0.0016	0.0071
210	0.0084	0.0015	0.0068
211	0.0081	0.0015	0.0066
212	0.0078	0.0014	0.0064
213	0.0076	0.0014	0.0062
214	0.0074	0.0014	0.0060
215	0.0072	0.0013	0.0059
216	0.0070	0.0013	0.0057
217	0.0067	0.0012	0.0055
218	0.0065	0.0012	0.0053
219	0.0064	0.0012	0.0052
220	0.0062	0.0011	0.0051
221	0.0061	0.0011	0.0050
222	0.0060	0.0011	0.0049
223	0.0058	0.0011	0.0048
224	0.0057	0.0011	0.0047
225	0.0056	0.0010	0.0046
226	0.0055	0.0010	0.0045
227	0.0054	0.0010	0.0044
228	0.0053	0.0010	0.0043
229	0.0052	0.0010	0.0043
230	0.0051	0.0009	0.0042
231	0.0051	0.0009	0.0041
232	0.0050	0.0009	0.0041
233	0.0049	0.0009	0.0040
234	0.0048	0.0009	0.0040
235	0.0048	0.0009	0.0039

236	0.0047	0.0009	0.0038
237	0.0046	0.0008	0.0038
238	0.0046	0.0008	0.0037
239	0.0045	0.0008	0.0037
240	0.0045	0.0008	0.0036
241	0.0044	0.0008	0.0036
242	0.0043	0.0008	0.0035
243	0.0043	0.0008	0.0035
244	0.0042	0.0008	0.0035
245	0.0042	0.0008	0.0034
246	0.0041	0.0008	0.0034
247	0.0041	0.0008	0.0033
248	0.0040	0.0007	0.0033
249	0.0040	0.0007	0.0033
250	0.0040	0.0007	0.0032
251	0.0039	0.0007	0.0032
252	0.0039	0.0007	0.0032
253	0.0038	0.0007	0.0031
254	0.0038	0.0007	0.0031
255	0.0038	0.0007	0.0031
256	0.0037	0.0007	0.0030
257	0.0037	0.0007	0.0030
258	0.0037	0.0007	0.0030
259	0.0036	0.0007	0.0030
260	0.0036	0.0007	0.0029
261	0.0036	0.0007	0.0029
262	0.0035	0.0006	0.0029
263	0.0035	0.0006	0.0029
264	0.0035	0.0006	0.0028
265	0.0034	0.0006	0.0028
266	0.0034	0.0006	0.0028
267	0.0034	0.0006	0.0028
268	0.0034	0.0006	0.0027
269	0.0033	0.0006	0.0027
270	0.0033	0.0006	0.0027
271	0.0033	0.0006	0.0027
272	0.0032	0.0006	0.0027
273	0.0032	0.0006	0.0026
274	0.0032	0.0006	0.0026
275	0.0032	0.0006	0.0026
276	0.0032	0.0006	0.0026
277	0.0031	0.0006	0.0026
278	0.0031	0.0006	0.0025
279	0.0031	0.0006	0.0025
280	0.0031	0.0006	0.0025
281	0.0030	0.0006	0.0025
282	0.0030	0.0006	0.0025
283	0.0030	0.0005	0.0024
284	0.0030	0.0005	0.0024
285	0.0030	0.0005	0.0024

286	0.0029	0.0005	0.0024
287	0.0029	0.0005	0.0024
288	0.0029	0.0005	0.0024

Total soil rain loss = 0.33(In)
Total effective rainfall = 1.80(In)
Peak flow rate in flood hydrograph = 55.36(CFS)

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	15.0	30.0	45.0	60.0
0+ 5	0.0004	0.05	Q				
0+10	0.0032	0.41	Q				
0+15	0.0080	0.71	Q				
0+20	0.0138	0.84	Q				
0+25	0.0201	0.91	Q				
0+30	0.0267	0.97	Q				
0+35	0.0337	1.00	Q				
0+40	0.0408	1.03	Q				
0+45	0.0480	1.05	Q				
0+50	0.0554	1.07	Q				
0+55	0.0628	1.08	Q				
1+ 0	0.0703	1.09	Q				
1+ 5	0.0779	1.10	Q				
1+10	0.0855	1.11	Q				
1+15	0.0931	1.11	Q				
1+20	0.1008	1.12	Q				
1+25	0.1085	1.12	Q				
1+30	0.1163	1.12	Q				
1+35	0.1240	1.13	Q				
1+40	0.1318	1.13	Q				
1+45	0.1397	1.14	Q				
1+50	0.1475	1.14	QV				
1+55	0.1554	1.14	QV				
2+ 0	0.1633	1.15	QV				
2+ 5	0.1712	1.15	QV				
2+10	0.1792	1.16	QV				
2+15	0.1872	1.16	QV				
2+20	0.1952	1.16	QV				
2+25	0.2032	1.17	QV				
2+30	0.2113	1.17	QV				
2+35	0.2194	1.18	QV				
2+40	0.2275	1.18	QV				

2+45	0.2357	1.19	QV	|	|	|	|
2+50	0.2439	1.19	QV	|	|	|	|
2+55	0.2521	1.19	QV	|	|	|	|
3+ 0	0.2604	1.20	QV	|	|	|	|
3+ 5	0.2687	1.20	QV	|	|	|	|
3+10	0.2770	1.21	QV	|	|	|	|
3+15	0.2854	1.21	Q V	|	|	|	|
3+20	0.2937	1.22	Q V	|	|	|	|
3+25	0.3022	1.22	Q V	|	|	|	|
3+30	0.3106	1.23	Q V	|	|	|	|
3+35	0.3191	1.23	Q V	|	|	|	|
3+40	0.3276	1.24	Q V	|	|	|	|
3+45	0.3362	1.24	Q V	|	|	|	|
3+50	0.3448	1.25	Q V	|	|	|	|
3+55	0.3534	1.25	Q V	|	|	|	|
4+ 0	0.3621	1.26	Q V	|	|	|	|
4+ 5	0.3708	1.26	Q V	|	|	|	|
4+10	0.3795	1.27	Q V	|	|	|	|
4+15	0.3883	1.27	Q V	|	|	|	|
4+20	0.3971	1.28	Q V	|	|	|	|
4+25	0.4059	1.28	Q V	|	|	|	|
4+30	0.4148	1.29	Q V	|	|	|	|
4+35	0.4237	1.30	Q V	|	|	|	|
4+40	0.4327	1.30	Q V	|	|	|	|
4+45	0.4417	1.31	Q V	|	|	|	|
4+50	0.4508	1.31	Q V	|	|	|	|
4+55	0.4598	1.32	Q V	|	|	|	|
5+ 0	0.4690	1.32	Q V	|	|	|	|
5+ 5	0.4781	1.33	Q V	|	|	|	|
5+10	0.4873	1.34	Q V	|	|	|	|
5+15	0.4966	1.34	Q V	|	|	|	|
5+20	0.5059	1.35	Q V	|	|	|	|
5+25	0.5152	1.36	Q V	|	|	|	|
5+30	0.5246	1.36	Q V	|	|	|	|
5+35	0.5340	1.37	Q V	|	|	|	|
5+40	0.5435	1.37	Q V	|	|	|	|
5+45	0.5530	1.38	Q V	|	|	|	|
5+50	0.5626	1.39	Q V	|	|	|	|
5+55	0.5722	1.39	Q V	|	|	|	|
6+ 0	0.5818	1.40	Q V	|	|	|	|
6+ 5	0.5915	1.41	Q V	|	|	|	|
6+10	0.6013	1.42	Q V	|	|	|	|
6+15	0.6111	1.42	Q V	|	|	|	|
6+20	0.6209	1.43	Q V	|	|	|	|
6+25	0.6308	1.44	Q V	|	|	|	|
6+30	0.6408	1.45	Q V	|	|	|	|
6+35	0.6508	1.45	Q V	|	|	|	|
6+40	0.6608	1.46	Q V	|	|	|	|
6+45	0.6710	1.47	Q V	|	|	|	|
6+50	0.6811	1.48	Q V	|	|	|	|

6+55	0.6913	1.48	Q V	|	|	|	|
7+ 0	0.7016	1.49	Q V	|	|	|	|
7+ 5	0.7119	1.50	|Q V	|	|	|	|
7+10	0.7223	1.51	|Q V	|	|	|	|
7+15	0.7328	1.52	|Q V	|	|	|	|
7+20	0.7433	1.53	|Q V	|	|	|	|
7+25	0.7539	1.53	|Q V	|	|	|	|
7+30	0.7645	1.54	|Q V	|	|	|	|
7+35	0.7752	1.55	|Q V	|	|	|	|
7+40	0.7859	1.56	|Q V	|	|	|	|
7+45	0.7968	1.57	|Q V	|	|	|	|
7+50	0.8076	1.58	|Q V	|	|	|	|
7+55	0.8186	1.59	|Q V	|	|	|	|
8+ 0	0.8296	1.60	|Q V	|	|	|	|
8+ 5	0.8407	1.61	|Q V	|	|	|	|
8+10	0.8518	1.62	|Q V	|	|	|	|
8+15	0.8631	1.63	|Q V	|	|	|	|
8+20	0.8744	1.64	|Q V	|	|	|	|
8+25	0.8857	1.65	|Q V	|	|	|	|
8+30	0.8972	1.66	|Q V	|	|	|	|
8+35	0.9087	1.67	|Q V	|	|	|	|
8+40	0.9203	1.68	|Q V	|	|	|	|
8+45	0.9320	1.69	|Q V	|	|	|	|
8+50	0.9437	1.71	|Q V	|	|	|	|
8+55	0.9555	1.72	|Q V	|	|	|	|
9+ 0	0.9675	1.73	|Q V	|	|	|	|
9+ 5	0.9795	1.74	|Q V	|	|	|	|
9+10	0.9915	1.75	|Q V	|	|	|	|
9+15	1.0037	1.77	|Q V	|	|	|	|
9+20	1.0160	1.78	|Q V	|	|	|	|
9+25	1.0283	1.79	|Q V	|	|	|	|
9+30	1.0408	1.81	|Q V	|	|	|	|
9+35	1.0533	1.82	|Q V	|	|	|	|
9+40	1.0659	1.83	|Q V	|	|	|	|
9+45	1.0787	1.85	|Q V	|	|	|	|
9+50	1.0915	1.86	|Q V	|	|	|	|
9+55	1.1044	1.88	|Q V	|	|	|	|
10+ 0	1.1175	1.89	|Q V	|	|	|	|
10+ 5	1.1306	1.91	|Q V	|	|	|	|
10+10	1.1439	1.92	|Q V	|	|	|	|
10+15	1.1572	1.94	|Q V	|	|	|	|
10+20	1.1707	1.96	|Q V	|	|	|	|
10+25	1.1843	1.97	|Q V	|	|	|	|
10+30	1.1980	1.99	|Q V	|	|	|	|
10+35	1.2119	2.01	|Q V	|	|	|	|
10+40	1.2258	2.03	|Q V	|	|	|	|
10+45	1.2399	2.05	|Q V	|	|	|	|
10+50	1.2541	2.07	|Q V	|	|	|	|
10+55	1.2685	2.08	|Q V	|	|	|	|
11+ 0	1.2830	2.10	|Q V|	|	|	|	|

11+ 5	1.2976	2.12	Q	V			
11+10	1.3124	2.15	Q	V			
11+15	1.3273	2.17	Q	V			
11+20	1.3424	2.19	Q	V			
11+25	1.3577	2.21	Q	V			
11+30	1.3731	2.24	Q	V			
11+35	1.3886	2.26	Q	V			
11+40	1.4044	2.29	Q	V			
11+45	1.4203	2.31	Q	V			
11+50	1.4364	2.34	Q	V			
11+55	1.4526	2.36	Q	V			
12+ 0	1.4691	2.39	Q	V			
12+ 5	1.4858	2.42	Q	V			
12+10	1.5028	2.47	Q	V			
12+15	1.5201	2.51	Q	V			
12+20	1.5376	2.55	Q	V			
12+25	1.5554	2.58	Q	V			
12+30	1.5735	2.62	Q	V			
12+35	1.5918	2.66	Q	V			
12+40	1.6103	2.69	Q	V			
12+45	1.6291	2.73	Q	V			
12+50	1.6482	2.77	Q	V			
12+55	1.6676	2.81	Q	V			
13+ 0	1.6873	2.86	Q	V			
13+ 5	1.7073	2.90	Q	V			
13+10	1.7276	2.95	Q	V			
13+15	1.7483	3.00	Q	V			
13+20	1.7693	3.05	Q	V			
13+25	1.7907	3.10	Q	V			
13+30	1.8124	3.16	Q	V			
13+35	1.8346	3.22	Q	V			
13+40	1.8572	3.28	Q	V			
13+45	1.8802	3.34	Q	V			
13+50	1.9037	3.41	Q	V			
13+55	1.9277	3.49	Q	V			
14+ 0	1.9523	3.56	Q	V			
14+ 5	1.9774	3.64	Q	V			
14+10	2.0031	3.74	Q	V			
14+15	2.0295	3.83	Q	V			
14+20	2.0566	3.93	Q	V			
14+25	2.0844	4.04	Q	V			
14+30	2.1130	4.16	Q	V			
14+35	2.1424	4.27	Q	V			
14+40	2.1728	4.41	Q	V			
14+45	2.2042	4.55	Q	V			
14+50	2.2367	4.72	Q	V			
14+55	2.2703	4.89	Q	V			
15+ 0	2.3054	5.09	Q	V			
15+ 5	2.3418	5.29	Q	V			
15+10	2.3800	5.54	Q	V			

15+15	2.4200	5.81	Q	V			
15+20	2.4623	6.13	Q	V			
15+25	2.5063	6.39	Q	V			
15+30	2.5491	6.22	Q	V			
15+35	2.5917	6.18	Q	V			
15+40	2.6370	6.58	Q	V			
15+45	2.6865	7.18	Q	V			
15+50	2.7433	8.25	Q	V			
15+55	2.8116	9.92	Q	V			
16+ 0	2.9050	13.57	Q	V			
16+ 5	3.0709	24.09	Q	V			
16+10	3.4522	55.36	V	Q			
16+15	3.7769	47.14	V	Q			
16+20	3.9583	26.34	Q	V			
16+25	4.0838	18.22	Q	V			
16+30	4.1828	14.37	Q	V			
16+35	4.2641	11.81	Q	V			
16+40	4.3330	10.01	Q	V			
16+45	4.3919	8.55	Q	V			
16+50	4.4425	7.35	Q	V			
16+55	4.4862	6.33	Q	V			
17+ 0	4.5266	5.88	Q	V			
17+ 5	4.5641	5.44	Q	V			
17+10	4.5979	4.91	Q	V			
17+15	4.6260	4.09	Q	V			
17+20	4.6525	3.85	Q	V			
17+25	4.6777	3.66	Q	V			
17+30	4.7018	3.50	Q	V			
17+35	4.7249	3.35	Q	V			
17+40	4.7470	3.22	Q	V			
17+45	4.7684	3.10	Q	V			
17+50	4.7890	2.99	Q	V			
17+55	4.8090	2.90	Q	V			
18+ 0	4.8283	2.81	Q	V			
18+ 5	4.8470	2.72	Q	V			
18+10	4.8652	2.63	Q	V			
18+15	4.8828	2.55	Q	V			
18+20	4.8999	2.48	Q	V			
18+25	4.9165	2.42	Q	V			
18+30	4.9328	2.36	Q	V			
18+35	4.9486	2.30	Q	V			
18+40	4.9642	2.25	Q	V			
18+45	4.9793	2.21	Q	V			
18+50	4.9942	2.16	Q	V			
18+55	5.0088	2.12	Q	V			
19+ 0	5.0231	2.08	Q	V			
19+ 5	5.0371	2.04	Q	V			
19+10	5.0509	2.00	Q	V			
19+15	5.0645	1.97	Q	V			
19+20	5.0778	1.93	Q	V			

```
19+25       5.0909      1.90  |Q        |         |         |     V   |
19+30       5.1038      1.87  |Q        |         |         |     V   |
19+35       5.1165      1.84  |Q        |         |         |     V   |
19+40       5.1290      1.81  |Q        |         |         |     V   |
19+45       5.1413      1.79  |Q        |         |         |     V   |
19+50       5.1534      1.76  |Q        |         |         |     V   |
19+55       5.1654      1.74  |Q        |         |         |     V   |
20+ 0       5.1772      1.71  |Q        |         |         |     V   |
20+ 5       5.1888      1.69  |Q        |         |         |     V   |
20+10       5.2003      1.67  |Q        |         |         |     V   |
20+15       5.2116      1.65  |Q        |         |         |     V   |
20+20       5.2228      1.62  |Q        |         |         |      V  |
20+25       5.2338      1.60  |Q        |         |         |      V  |
20+30       5.2448      1.58  |Q        |         |         |      V  |
20+35       5.2555      1.57  |Q        |         |         |      V  |
20+40       5.2662      1.55  |Q        |         |         |      V  |
20+45       5.2767      1.53  |Q        |         |         |      V  |
20+50       5.2872      1.51  |Q        |         |         |      V  |
20+55       5.2975      1.50  Q         |         |         |      V  |
21+ 0       5.3076      1.48  Q         |         |         |      V  |
21+ 5       5.3177      1.46  Q         |         |         |      V  |
21+10       5.3277      1.45  Q         |         |         |      V  |
21+15       5.3376      1.43  Q         |         |         |      V  |
21+20       5.3474      1.42  Q         |         |         |      V  |
21+25       5.3570      1.41  Q         |         |         |       V |
21+30       5.3666      1.39  Q         |         |         |       V |
21+35       5.3761      1.38  Q         |         |         |       V |
21+40       5.3855      1.36  Q         |         |         |       V |
21+45       5.3948      1.35  Q         |         |         |       V |
21+50       5.4040      1.34  Q         |         |         |       V |
21+55       5.4132      1.33  Q         |         |         |       V |
22+ 0       5.4222      1.32  Q         |         |         |       V |
22+ 5       5.4312      1.30  Q         |         |         |       V |
22+10       5.4401      1.29  Q         |         |         |       V |
22+15       5.4490      1.28  Q         |         |         |       V |
22+20       5.4577      1.27  Q         |         |         |       V |
22+25       5.4664      1.26  Q         |         |         |       V |
22+30       5.4750      1.25  Q         |         |         |       V |
22+35       5.4835      1.24  Q         |         |         |       V |
22+40       5.4920      1.23  Q         |         |         |       V |
22+45       5.5004      1.22  Q         |         |         |        V|
22+50       5.5087      1.21  Q         |         |         |        V|
22+55       5.5170      1.20  Q         |         |         |        V|
23+ 0       5.5252      1.19  Q         |         |         |        V|
23+ 5       5.5334      1.18  Q         |         |         |        V|
23+10       5.5415      1.17  Q         |         |         |        V|
23+15       5.5495      1.17  Q         |         |         |        V|
23+20       5.5575      1.16  Q         |         |         |        V|
23+25       5.5654      1.15  Q         |         |         |        V|
23+30       5.5732      1.14  Q         |         |         |        V|
```

```
   23+35       5.5810      1.13  Q         |         |         |         V|
   23+40       5.5888      1.13  Q         |         |         |         V|
   23+45       5.5965      1.12  Q         |         |         |         V|
   23+50       5.6041      1.11  Q         |         |         |         V|
   23+55       5.6117      1.10  Q         |         |         |         V|
   24+ 0       5.6193      1.10  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/08/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IENLC
Area A
100-yr Developed

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
47.41	1	1.08
Rainfall data for year 100		
47.41	6	2.04
Rainfall data for year 100		
47.41	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	47.41	1.000	0.262	0.100	0.026

Area-averaged adjusted loss rate Fm (In/Hr) = 0.026

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
4.74	0.100	69.0	86.2	1.60	0.598
42.67	0.900	98.0	98.0	0.20	0.932

Area-averaged catchment yield fraction, Y = 0.898
Area-averaged low loss fraction, Yb = 0.102
User entry of time of concentration = 0.221 (hours)
++
Watershed area = 47.41(Ac.)
Catchment Lag time = 0.177 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 47.1342
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.026(In/Hr)
Average low loss rate fraction (Yb) = 0.102 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 47.41(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.511(In)
30-minute factor = 0.998 Adjusted rainfall = 0.875(In)
1-hour factor = 0.998 Adjusted rainfall = 1.078(In)
3-hour factor = 1.000 Adjusted rainfall = 1.595(In)
6-hour factor = 1.000 Adjusted rainfall = 2.040(In)
24-hour factor = 1.000 Adjusted rainfall = 3.420(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 573.36 (CFS))	
1	3.594	20.608
2	27.120	134.887
3	57.814	175.991
4	71.740	79.843
5	79.819	46.322
6	85.150	30.571
7	89.019	22.179
8	91.734	15.569
9	93.866	12.224
10	95.486	9.287
11	96.739	7.184
12	97.636	5.146
13	98.195	3.206
14	98.736	3.099
15	99.298	3.226
16	99.691	2.252
17	100.000	1.771

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5113	0.5113
2	0.6295	0.1182
3	0.7110	0.0814
4	0.7750	0.0641
5	0.8287	0.0537
6	0.8753	0.0466
7	0.9167	0.0414
8	0.9542	0.0375
9	0.9885	0.0343
10	1.0202	0.0317
11	1.0498	0.0296
12	1.0776	0.0278
13	1.1088	0.0312
14	1.1385	0.0297
15	1.1669	0.0284
16	1.1941	0.0272
17	1.2202	0.0261
18	1.2453	0.0251
19	1.2695	0.0243
20	1.2930	0.0234
21	1.3157	0.0227
22	1.3377	0.0220
23	1.3591	0.0214
24	1.3799	0.0208
25	1.4001	0.0202

26	1.4198	0.0197
27	1.4391	0.0192
28	1.4579	0.0188
29	1.4762	0.0184
30	1.4942	0.0180
31	1.5118	0.0176
32	1.5290	0.0172
33	1.5459	0.0169
34	1.5624	0.0166
35	1.5787	0.0162
36	1.5946	0.0159
37	1.6102	0.0156
38	1.6255	0.0153
39	1.6406	0.0151
40	1.6554	0.0148
41	1.6700	0.0146
42	1.6844	0.0144
43	1.6985	0.0141
44	1.7124	0.0139
45	1.7261	0.0137
46	1.7397	0.0135
47	1.7530	0.0133
48	1.7662	0.0132
49	1.7791	0.0130
50	1.7919	0.0128
51	1.8046	0.0126
52	1.8171	0.0125
53	1.8294	0.0123
54	1.8416	0.0122
55	1.8536	0.0120
56	1.8655	0.0119
57	1.8773	0.0118
58	1.8889	0.0116
59	1.9004	0.0115
60	1.9118	0.0114
61	1.9231	0.0113
62	1.9342	0.0111
63	1.9452	0.0110
64	1.9561	0.0109
65	1.9669	0.0108
66	1.9776	0.0107
67	1.9882	0.0106
68	1.9987	0.0105
69	2.0091	0.0104
70	2.0194	0.0103
71	2.0296	0.0102
72	2.0397	0.0101
73	2.0502	0.0105
74	2.0606	0.0104
75	2.0710	0.0103

76	2.0812	0.0103
77	2.0914	0.0102
78	2.1015	0.0101
79	2.1115	0.0100
80	2.1214	0.0099
81	2.1312	0.0098
82	2.1410	0.0098
83	2.1507	0.0097
84	2.1603	0.0096
85	2.1699	0.0096
86	2.1794	0.0095
87	2.1888	0.0094
88	2.1981	0.0093
89	2.2074	0.0093
90	2.2166	0.0092
91	2.2258	0.0091
92	2.2349	0.0091
93	2.2439	0.0090
94	2.2528	0.0090
95	2.2618	0.0089
96	2.2706	0.0088
97	2.2794	0.0088
98	2.2881	0.0087
99	2.2968	0.0087
100	2.3054	0.0086
101	2.3140	0.0086
102	2.3225	0.0085
103	2.3310	0.0085
104	2.3394	0.0084
105	2.3477	0.0084
106	2.3560	0.0083
107	2.3643	0.0083
108	2.3725	0.0082
109	2.3807	0.0082
110	2.3888	0.0081
111	2.3969	0.0081
112	2.4049	0.0080
113	2.4129	0.0080
114	2.4208	0.0079
115	2.4287	0.0079
116	2.4366	0.0079
117	2.4444	0.0078
118	2.4521	0.0078
119	2.4599	0.0077
120	2.4676	0.0077
121	2.4752	0.0076
122	2.4828	0.0076
123	2.4904	0.0076
124	2.4979	0.0075
125	2.5054	0.0075

126	2.5128	0.0075
127	2.5203	0.0074
128	2.5276	0.0074
129	2.5350	0.0073
130	2.5423	0.0073
131	2.5496	0.0073
132	2.5568	0.0072
133	2.5640	0.0072
134	2.5712	0.0072
135	2.5783	0.0071
136	2.5854	0.0071
137	2.5925	0.0071
138	2.5995	0.0070
139	2.6065	0.0070
140	2.6135	0.0070
141	2.6204	0.0069
142	2.6274	0.0069
143	2.6342	0.0069
144	2.6411	0.0069
145	2.6479	0.0068
146	2.6547	0.0068
147	2.6615	0.0068
148	2.6682	0.0067
149	2.6749	0.0067
150	2.6816	0.0067
151	2.6882	0.0067
152	2.6949	0.0066
153	2.7015	0.0066
154	2.7080	0.0066
155	2.7146	0.0065
156	2.7211	0.0065
157	2.7276	0.0065
158	2.7340	0.0065
159	2.7405	0.0064
160	2.7469	0.0064
161	2.7533	0.0064
162	2.7596	0.0064
163	2.7660	0.0063
164	2.7723	0.0063
165	2.7786	0.0063
166	2.7848	0.0063
167	2.7911	0.0062
168	2.7973	0.0062
169	2.8035	0.0062
170	2.8097	0.0062
171	2.8158	0.0061
172	2.8219	0.0061
173	2.8281	0.0061
174	2.8341	0.0061
175	2.8402	0.0061

176	2.8462	0.0060
177	2.8523	0.0060
178	2.8582	0.0060
179	2.8642	0.0060
180	2.8702	0.0060
181	2.8761	0.0059
182	2.8820	0.0059
183	2.8879	0.0059
184	2.8938	0.0059
185	2.8996	0.0059
186	2.9055	0.0058
187	2.9113	0.0058
188	2.9171	0.0058
189	2.9229	0.0058
190	2.9286	0.0058
191	2.9344	0.0057
192	2.9401	0.0057
193	2.9458	0.0057
194	2.9514	0.0057
195	2.9571	0.0057
196	2.9628	0.0056
197	2.9684	0.0056
198	2.9740	0.0056
199	2.9796	0.0056
200	2.9852	0.0056
201	2.9907	0.0056
202	2.9962	0.0055
203	3.0018	0.0055
204	3.0073	0.0055
205	3.0128	0.0055
206	3.0182	0.0055
207	3.0237	0.0055
208	3.0291	0.0054
209	3.0345	0.0054
210	3.0399	0.0054
211	3.0453	0.0054
212	3.0507	0.0054
213	3.0561	0.0054
214	3.0614	0.0053
215	3.0667	0.0053
216	3.0720	0.0053
217	3.0773	0.0053
218	3.0826	0.0053
219	3.0879	0.0053
220	3.0931	0.0052
221	3.0984	0.0052
222	3.1036	0.0052
223	3.1088	0.0052
224	3.1140	0.0052
225	3.1191	0.0052

226	3.1243	0.0052
227	3.1294	0.0051
228	3.1346	0.0051
229	3.1397	0.0051
230	3.1448	0.0051
231	3.1499	0.0051
232	3.1550	0.0051
233	3.1600	0.0051
234	3.1651	0.0050
235	3.1701	0.0050
236	3.1751	0.0050
237	3.1801	0.0050
238	3.1851	0.0050
239	3.1901	0.0050
240	3.1951	0.0050
241	3.2000	0.0050
242	3.2050	0.0049
243	3.2099	0.0049
244	3.2148	0.0049
245	3.2197	0.0049
246	3.2246	0.0049
247	3.2295	0.0049
248	3.2344	0.0049
249	3.2392	0.0049
250	3.2441	0.0048
251	3.2489	0.0048
252	3.2537	0.0048
253	3.2585	0.0048
254	3.2633	0.0048
255	3.2681	0.0048
256	3.2729	0.0048
257	3.2777	0.0048
258	3.2824	0.0047
259	3.2871	0.0047
260	3.2919	0.0047
261	3.2966	0.0047
262	3.3013	0.0047
263	3.3060	0.0047
264	3.3107	0.0047
265	3.3153	0.0047
266	3.3200	0.0047
267	3.3246	0.0046
268	3.3293	0.0046
269	3.3339	0.0046
270	3.3385	0.0046
271	3.3431	0.0046
272	3.3477	0.0046
273	3.3523	0.0046
274	3.3569	0.0046
275	3.3614	0.0046

276	3.3660	0.0046
277	3.3705	0.0045
278	3.3750	0.0045
279	3.3796	0.0045
280	3.3841	0.0045
281	3.3886	0.0045
282	3.3931	0.0045
283	3.3975	0.0045
284	3.4020	0.0045
285	3.4065	0.0045
286	3.4109	0.0045
287	3.4154	0.0044
288	3.4198	0.0044

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0005	0.0040
2	0.0044	0.0005	0.0040
3	0.0045	0.0005	0.0040
4	0.0045	0.0005	0.0040
5	0.0045	0.0005	0.0040
6	0.0045	0.0005	0.0040
7	0.0045	0.0005	0.0041
8	0.0045	0.0005	0.0041
9	0.0046	0.0005	0.0041
10	0.0046	0.0005	0.0041
11	0.0046	0.0005	0.0041
12	0.0046	0.0005	0.0041
13	0.0046	0.0005	0.0041
14	0.0046	0.0005	0.0042
15	0.0046	0.0005	0.0042
16	0.0047	0.0005	0.0042
17	0.0047	0.0005	0.0042
18	0.0047	0.0005	0.0042
19	0.0047	0.0005	0.0042
20	0.0047	0.0005	0.0042
21	0.0047	0.0005	0.0043
22	0.0048	0.0005	0.0043
23	0.0048	0.0005	0.0043
24	0.0048	0.0005	0.0043
25	0.0048	0.0005	0.0043
26	0.0048	0.0005	0.0043
27	0.0049	0.0005	0.0044
28	0.0049	0.0005	0.0044
29	0.0049	0.0005	0.0044
30	0.0049	0.0005	0.0044
31	0.0049	0.0005	0.0044
32	0.0049	0.0005	0.0044

33	0.0050	0.0005	0.0045
34	0.0050	0.0005	0.0045
35	0.0050	0.0005	0.0045
36	0.0050	0.0005	0.0045
37	0.0050	0.0005	0.0045
38	0.0051	0.0005	0.0045
39	0.0051	0.0005	0.0046
40	0.0051	0.0005	0.0046
41	0.0051	0.0005	0.0046
42	0.0051	0.0005	0.0046
43	0.0052	0.0005	0.0046
44	0.0052	0.0005	0.0047
45	0.0052	0.0005	0.0047
46	0.0052	0.0005	0.0047
47	0.0053	0.0005	0.0047
48	0.0053	0.0005	0.0047
49	0.0053	0.0005	0.0048
50	0.0053	0.0005	0.0048
51	0.0054	0.0005	0.0048
52	0.0054	0.0005	0.0048
53	0.0054	0.0005	0.0049
54	0.0054	0.0006	0.0049
55	0.0055	0.0006	0.0049
56	0.0055	0.0006	0.0049
57	0.0055	0.0006	0.0049
58	0.0055	0.0006	0.0050
59	0.0056	0.0006	0.0050
60	0.0056	0.0006	0.0050
61	0.0056	0.0006	0.0050
62	0.0056	0.0006	0.0051
63	0.0057	0.0006	0.0051
64	0.0057	0.0006	0.0051
65	0.0057	0.0006	0.0051
66	0.0057	0.0006	0.0052
67	0.0058	0.0006	0.0052
68	0.0058	0.0006	0.0052
69	0.0058	0.0006	0.0052
70	0.0059	0.0006	0.0053
71	0.0059	0.0006	0.0053
72	0.0059	0.0006	0.0053
73	0.0060	0.0006	0.0053
74	0.0060	0.0006	0.0054
75	0.0060	0.0006	0.0054
76	0.0060	0.0006	0.0054
77	0.0061	0.0006	0.0055
78	0.0061	0.0006	0.0055
79	0.0061	0.0006	0.0055
80	0.0062	0.0006	0.0055
81	0.0062	0.0006	0.0056
82	0.0062	0.0006	0.0056

83	0.0063	0.0006	0.0057
84	0.0063	0.0006	0.0057
85	0.0064	0.0006	0.0057
86	0.0064	0.0006	0.0057
87	0.0064	0.0007	0.0058
88	0.0065	0.0007	0.0058
89	0.0065	0.0007	0.0059
90	0.0065	0.0007	0.0059
91	0.0066	0.0007	0.0059
92	0.0066	0.0007	0.0059
93	0.0067	0.0007	0.0060
94	0.0067	0.0007	0.0060
95	0.0068	0.0007	0.0061
96	0.0068	0.0007	0.0061
97	0.0069	0.0007	0.0062
98	0.0069	0.0007	0.0062
99	0.0069	0.0007	0.0062
100	0.0070	0.0007	0.0063
101	0.0070	0.0007	0.0063
102	0.0071	0.0007	0.0064
103	0.0071	0.0007	0.0064
104	0.0072	0.0007	0.0064
105	0.0072	0.0007	0.0065
106	0.0073	0.0007	0.0065
107	0.0073	0.0007	0.0066
108	0.0074	0.0007	0.0066
109	0.0075	0.0008	0.0067
110	0.0075	0.0008	0.0067
111	0.0076	0.0008	0.0068
112	0.0076	0.0008	0.0068
113	0.0077	0.0008	0.0069
114	0.0077	0.0008	0.0069
115	0.0078	0.0008	0.0070
116	0.0079	0.0008	0.0071
117	0.0079	0.0008	0.0071
118	0.0080	0.0008	0.0072
119	0.0081	0.0008	0.0073
120	0.0081	0.0008	0.0073
121	0.0082	0.0008	0.0074
122	0.0083	0.0008	0.0074
123	0.0084	0.0008	0.0075
124	0.0084	0.0009	0.0076
125	0.0085	0.0009	0.0076
126	0.0086	0.0009	0.0077
127	0.0087	0.0009	0.0078
128	0.0087	0.0009	0.0078
129	0.0088	0.0009	0.0079
130	0.0089	0.0009	0.0080
131	0.0090	0.0009	0.0081
132	0.0091	0.0009	0.0082

133	0.0092	0.0009	0.0083
134	0.0093	0.0009	0.0083
135	0.0094	0.0010	0.0085
136	0.0095	0.0010	0.0085
137	0.0096	0.0010	0.0086
138	0.0097	0.0010	0.0087
139	0.0098	0.0010	0.0088
140	0.0099	0.0010	0.0089
141	0.0101	0.0010	0.0091
142	0.0102	0.0010	0.0091
143	0.0103	0.0011	0.0093
144	0.0104	0.0011	0.0094
145	0.0101	0.0010	0.0091
146	0.0102	0.0010	0.0092
147	0.0104	0.0011	0.0093
148	0.0105	0.0011	0.0094
149	0.0107	0.0011	0.0096
150	0.0108	0.0011	0.0097
151	0.0110	0.0011	0.0099
152	0.0111	0.0011	0.0100
153	0.0114	0.0012	0.0102
154	0.0115	0.0012	0.0103
155	0.0118	0.0012	0.0106
156	0.0119	0.0012	0.0107
157	0.0122	0.0012	0.0109
158	0.0123	0.0013	0.0111
159	0.0126	0.0013	0.0114
160	0.0128	0.0013	0.0115
161	0.0132	0.0013	0.0118
162	0.0133	0.0014	0.0120
163	0.0137	0.0014	0.0123
164	0.0139	0.0014	0.0125
165	0.0144	0.0015	0.0129
166	0.0146	0.0015	0.0131
167	0.0151	0.0015	0.0135
168	0.0153	0.0016	0.0138
169	0.0159	0.0016	0.0143
170	0.0162	0.0017	0.0146
171	0.0169	0.0017	0.0152
172	0.0172	0.0017	0.0155
173	0.0180	0.0018	0.0161
174	0.0184	0.0019	0.0165
175	0.0192	0.0020	0.0173
176	0.0197	0.0020	0.0177
177	0.0208	0.0021	0.0187
178	0.0214	0.0022	0.0192
179	0.0227	0.0022	0.0205
180	0.0234	0.0022	0.0213
181	0.0251	0.0022	0.0230
182	0.0261	0.0022	0.0239

183	0.0284	0.0022	0.0262
184	0.0297	0.0022	0.0275
185	0.0278	0.0022	0.0256
186	0.0296	0.0022	0.0274
187	0.0343	0.0022	0.0321
188	0.0375	0.0022	0.0353
189	0.0466	0.0022	0.0444
190	0.0537	0.0022	0.0515
191	0.0814	0.0022	0.0792
192	0.1182	0.0022	0.1160
193	0.5113	0.0022	0.5092
194	0.0641	0.0022	0.0619
195	0.0414	0.0022	0.0392
196	0.0317	0.0022	0.0296
197	0.0312	0.0022	0.0290
198	0.0272	0.0022	0.0250
199	0.0243	0.0022	0.0221
200	0.0220	0.0022	0.0198
201	0.0202	0.0021	0.0182
202	0.0188	0.0019	0.0169
203	0.0176	0.0018	0.0158
204	0.0166	0.0017	0.0149
205	0.0156	0.0016	0.0140
206	0.0148	0.0015	0.0133
207	0.0141	0.0014	0.0127
208	0.0135	0.0014	0.0122
209	0.0130	0.0013	0.0117
210	0.0125	0.0013	0.0112
211	0.0120	0.0012	0.0108
212	0.0116	0.0012	0.0104
213	0.0113	0.0011	0.0101
214	0.0109	0.0011	0.0098
215	0.0106	0.0011	0.0095
216	0.0103	0.0010	0.0092
217	0.0105	0.0011	0.0094
218	0.0103	0.0010	0.0092
219	0.0100	0.0010	0.0090
220	0.0098	0.0010	0.0088
221	0.0096	0.0010	0.0086
222	0.0093	0.0009	0.0084
223	0.0091	0.0009	0.0082
224	0.0090	0.0009	0.0081
225	0.0088	0.0009	0.0079
226	0.0086	0.0009	0.0077
227	0.0085	0.0009	0.0076
228	0.0083	0.0008	0.0075
229	0.0082	0.0008	0.0073
230	0.0080	0.0008	0.0072
231	0.0079	0.0008	0.0071
232	0.0078	0.0008	0.0070

233	0.0076	0.0008	0.0069
234	0.0075	0.0008	0.0068
235	0.0074	0.0008	0.0067
236	0.0073	0.0007	0.0066
237	0.0072	0.0007	0.0065
238	0.0071	0.0007	0.0064
239	0.0070	0.0007	0.0063
240	0.0069	0.0007	0.0062
241	0.0068	0.0007	0.0061
242	0.0067	0.0007	0.0061
243	0.0067	0.0007	0.0060
244	0.0066	0.0007	0.0059
245	0.0065	0.0007	0.0058
246	0.0064	0.0007	0.0058
247	0.0063	0.0006	0.0057
248	0.0063	0.0006	0.0056
249	0.0062	0.0006	0.0056
250	0.0061	0.0006	0.0055
251	0.0061	0.0006	0.0054
252	0.0060	0.0006	0.0054
253	0.0059	0.0006	0.0053
254	0.0059	0.0006	0.0053
255	0.0058	0.0006	0.0052
256	0.0058	0.0006	0.0052
257	0.0057	0.0006	0.0051
258	0.0056	0.0006	0.0051
259	0.0056	0.0006	0.0050
260	0.0055	0.0006	0.0050
261	0.0055	0.0006	0.0049
262	0.0054	0.0006	0.0049
263	0.0054	0.0005	0.0048
264	0.0053	0.0005	0.0048
265	0.0053	0.0005	0.0048
266	0.0052	0.0005	0.0047
267	0.0052	0.0005	0.0047
268	0.0052	0.0005	0.0046
269	0.0051	0.0005	0.0046
270	0.0051	0.0005	0.0046
271	0.0050	0.0005	0.0045
272	0.0050	0.0005	0.0045
273	0.0050	0.0005	0.0045
274	0.0049	0.0005	0.0044
275	0.0049	0.0005	0.0044
276	0.0048	0.0005	0.0044
277	0.0048	0.0005	0.0043
278	0.0048	0.0005	0.0043
279	0.0047	0.0005	0.0043
280	0.0047	0.0005	0.0042
281	0.0047	0.0005	0.0042
282	0.0046	0.0005	0.0042

283	0.0046	0.0005	0.0041
284	0.0046	0.0005	0.0041
285	0.0045	0.0005	0.0041
286	0.0045	0.0005	0.0041
287	0.0045	0.0005	0.0040
288	0.0045	0.0005	0.0040

Total soil rain loss = 0.26(In)
Total effective rainfall = 3.16(In)
Peak flow rate in flood hydrograph = 116.10(CFS)

++

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

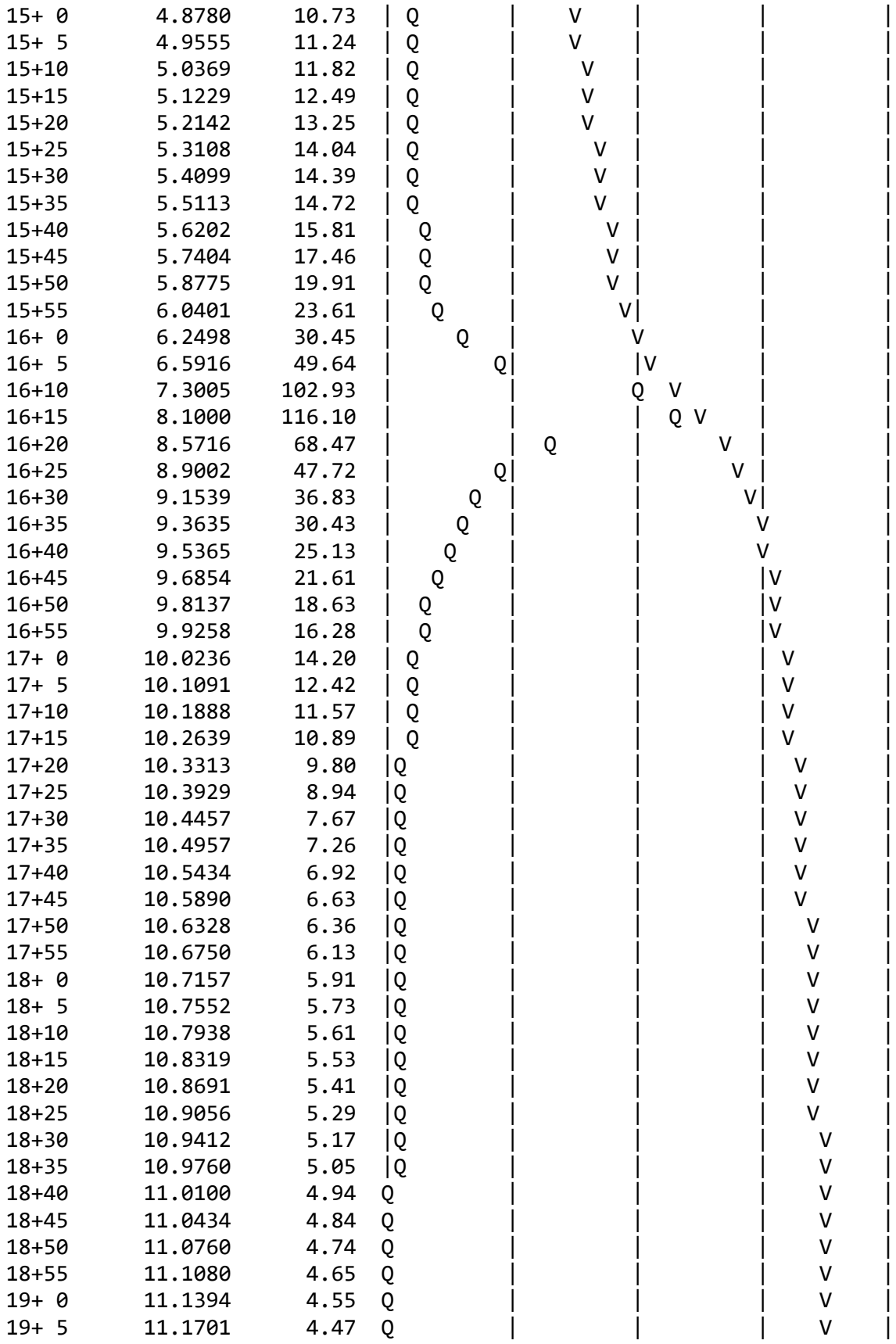
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	50.0	100.0	150.0	200.0
0+ 5	0.0006	0.08	Q				
0+10	0.0048	0.62	Q				
0+15	0.0139	1.32	Q				
0+20	0.0252	1.64	Q				
0+25	0.0379	1.83	Q				
0+30	0.0514	1.96	Q				
0+35	0.0655	2.06	Q				
0+40	0.0802	2.12	Q				
0+45	0.0952	2.18	Q				
0+50	0.1105	2.22	Q				
0+55	0.1261	2.26	Q				
1+ 0	0.1418	2.29	Q				
1+ 5	0.1577	2.31	Q				
1+10	0.1738	2.33	Q				
1+15	0.1900	2.35	Q				
1+20	0.2063	2.37	Q				
1+25	0.2227	2.38	Q				
1+30	0.2392	2.39	Q				
1+35	0.2557	2.40	Q				
1+40	0.2723	2.41	Q				
1+45	0.2889	2.42	Q				
1+50	0.3056	2.43	Q				
1+55	0.3224	2.43	QV				
2+ 0	0.3392	2.44	QV				
2+ 5	0.3561	2.45	QV				
2+10	0.3731	2.46	QV				
2+15	0.3901	2.47	QV				
2+20	0.4072	2.48	QV				
2+25	0.4243	2.49	QV				

2+30	0.4415	2.50	QV	|	|	|	|
2+35	0.4588	2.51	QV	|	|	|	|
2+40	0.4761	2.52	QV	|	|	|	|
2+45	0.4935	2.53	QV	|	|	|	|
2+50	0.5110	2.54	QV	|	|	|	|
2+55	0.5285	2.55	QV	|	|	|	|
3+ 0	0.5461	2.56	QV	|	|	|	|
3+ 5	0.5638	2.57	QV	|	|	|	|
3+10	0.5816	2.58	QV	|	|	|	|
3+15	0.5994	2.59	QV	|	|	|	|
3+20	0.6173	2.60	QV	|	|	|	|
3+25	0.6353	2.61	Q V	|	|	|	|
3+30	0.6533	2.62	Q V	|	|	|	|
3+35	0.6714	2.63	Q V	|	|	|	|
3+40	0.6896	2.64	Q V	|	|	|	|
3+45	0.7078	2.65	Q V	|	|	|	|
3+50	0.7262	2.66	Q V	|	|	|	|
3+55	0.7446	2.67	Q V	|	|	|	|
4+ 0	0.7631	2.69	Q V	|	|	|	|
4+ 5	0.7817	2.70	Q V	|	|	|	|
4+10	0.8003	2.71	Q V	|	|	|	|
4+15	0.8190	2.72	Q V	|	|	|	|
4+20	0.8379	2.73	Q V	|	|	|	|
4+25	0.8568	2.74	Q V	|	|	|	|
4+30	0.8757	2.76	Q V	|	|	|	|
4+35	0.8948	2.77	Q V	|	|	|	|
4+40	0.9139	2.78	Q V	|	|	|	|
4+45	0.9332	2.79	Q V	|	|	|	|
4+50	0.9525	2.81	Q V	|	|	|	|
4+55	0.9719	2.82	Q V	|	|	|	|
5+ 0	0.9914	2.83	Q V	|	|	|	|
5+ 5	1.0110	2.84	Q V	|	|	|	|
5+10	1.0307	2.86	Q V	|	|	|	|
5+15	1.0505	2.87	Q V	|	|	|	|
5+20	1.0703	2.89	Q V	|	|	|	|
5+25	1.0903	2.90	Q V	|	|	|	|
5+30	1.1104	2.91	Q V	|	|	|	|
5+35	1.1305	2.93	Q V	|	|	|	|
5+40	1.1508	2.94	Q V	|	|	|	|
5+45	1.1711	2.96	Q V	|	|	|	|
5+50	1.1916	2.97	Q V	|	|	|	|
5+55	1.2122	2.99	Q V	|	|	|	|
6+ 0	1.2328	3.00	Q V	|	|	|	|
6+ 5	1.2536	3.02	Q V	|	|	|	|
6+10	1.2745	3.03	Q V	|	|	|	|
6+15	1.2955	3.05	Q V	|	|	|	|
6+20	1.3166	3.06	Q V	|	|	|	|
6+25	1.3378	3.08	Q V	|	|	|	|
6+30	1.3591	3.10	Q V	|	|	|	|
6+35	1.3805	3.11	Q V	|	|	|	|

6+40	1.4021	3.13	Q	V	|	|	|	|
6+45	1.4237	3.15	Q	V	|	|	|	|
6+50	1.4455	3.16	Q	V	|	|	|	|
6+55	1.4674	3.18	Q	V	|	|	|	|
7+ 0	1.4894	3.20	Q	V	|	|	|	|
7+ 5	1.5116	3.22	Q	V	|	|	|	|
7+10	1.5339	3.23	Q	V	|	|	|	|
7+15	1.5563	3.25	Q	V	|	|	|	|
7+20	1.5788	3.27	Q	V	|	|	|	|
7+25	1.6015	3.29	Q	V	|	|	|	|
7+30	1.6243	3.31	Q	V	|	|	|	|
7+35	1.6472	3.33	Q	V	|	|	|	|
7+40	1.6703	3.35	Q	V	|	|	|	|
7+45	1.6935	3.37	Q	V	|	|	|	|
7+50	1.7169	3.39	Q	V	|	|	|	|
7+55	1.7404	3.41	Q	V	|	|	|	|
8+ 0	1.7641	3.43	Q	V	|	|	|	|
8+ 5	1.7879	3.46	Q	V	|	|	|	|
8+10	1.8118	3.48	Q	V	|	|	|	|
8+15	1.8359	3.50	Q	V	|	|	|	|
8+20	1.8602	3.52	Q	V	|	|	|	|
8+25	1.8846	3.55	Q	V	|	|	|	|
8+30	1.9092	3.57	Q	V	|	|	|	|
8+35	1.9340	3.59	Q	V	|	|	|	|
8+40	1.9589	3.62	Q	V	|	|	|	|
8+45	1.9840	3.64	Q	V	|	|	|	|
8+50	2.0093	3.67	Q	V	|	|	|	|
8+55	2.0347	3.70	Q	V	|	|	|	|
9+ 0	2.0604	3.72	Q	V	|	|	|	|
9+ 5	2.0862	3.75	Q	V	|	|	|	|
9+10	2.1122	3.78	Q	V	|	|	|	|
9+15	2.1384	3.80	Q	V	|	|	|	|
9+20	2.1648	3.83	Q	V	|	|	|	|
9+25	2.1914	3.86	Q	V	|	|	|	|
9+30	2.2181	3.89	Q	V	|	|	|	|
9+35	2.2451	3.92	Q	V	|	|	|	|
9+40	2.2724	3.95	Q	V	|	|	|	|
9+45	2.2998	3.98	Q	V	|	|	|	|
9+50	2.3274	4.01	Q	V	|	|	|	|
9+55	2.3553	4.05	Q	V	|	|	|	|
10+ 0	2.3834	4.08	Q	V	|	|	|	|
10+ 5	2.4118	4.12	Q	V	|	|	|	|
10+10	2.4403	4.15	Q	V	|	|	|	|
10+15	2.4692	4.19	Q	V	|	|	|	|
10+20	2.4983	4.22	Q	V	|	|	|	|
10+25	2.5276	4.26	Q	V	|	|	|	|
10+30	2.5572	4.30	Q	V	|	|	|	|
10+35	2.5871	4.34	Q	V	|	|	|	|
10+40	2.6172	4.38	Q	V	|	|	|	|
10+45	2.6476	4.42	Q	V	|	|	|	|

```
10+50       2.6783      4.46  Q       V |          |          |          |
10+55       2.7093      4.50  Q       V |          |          |          |
11+ 0       2.7407      4.55  Q       V |          |          |          |
11+ 5       2.7723      4.59  Q       V |          |          |          |
11+10       2.8042      4.64  Q       V |          |          |          |
11+15       2.8365      4.69  Q        V|          |          |          |
11+20       2.8691      4.74  Q        V|          |          |          |
11+25       2.9021      4.79  Q        V|          |          |          |
11+30       2.9354      4.84  Q        V|          |          |          |
11+35       2.9691      4.89  Q        V|          |          |          |
11+40       3.0031      4.95  Q        V|          |          |          |
11+45       3.0376      5.00  |Q       V|          |          |          |
11+50       3.0724      5.06  |Q       V|          |          |          |
11+55       3.1077      5.12  |Q       V|          |          |          |
12+ 0       3.1434      5.18  |Q        V          |          |          |
12+ 5       3.1794      5.24  |Q        V          |          |          |
12+10       3.2155      5.24  |Q        V          |          |          |
12+15       3.2516      5.23  |Q        V          |          |          |
12+20       3.2878      5.26  |Q        V          |          |          |
12+25       3.3244      5.31  |Q        V          |          |          |
12+30       3.3614      5.38  |Q        V          |          |          |
12+35       3.3989      5.44  |Q        V          |          |          |
12+40       3.4369      5.51  |Q        |V          |          |          |
12+45       3.4754      5.59  |Q        |V          |          |          |
12+50       3.5145      5.67  |Q        |V          |          |          |
12+55       3.5541      5.76  |Q        |V          |          |          |
13+ 0       3.5944      5.85  |Q        |V          |          |          |
13+ 5       3.6354      5.95  |Q        |V          |          |          |
13+10       3.6770      6.05  |Q        |V          |          |          |
13+15       3.7194      6.15  |Q        |V          |          |          |
13+20       3.7625      6.26  |Q        | V         |          |          |
13+25       3.8064      6.38  |Q        | V         |          |          |
13+30       3.8511      6.50  |Q        | V         |          |          |
13+35       3.8968      6.62  |Q        | V         |          |          |
13+40       3.9433      6.76  |Q        | V         |          |          |
13+45       3.9908      6.90  |Q        | V         |          |          |
13+50       4.0394      7.05  |Q        | V         |          |          |
13+55       4.0890      7.21  |Q        |  V        |          |          |
14+ 0       4.1398      7.37  |Q        |  V        |          |          |
14+ 5       4.1918      7.55  |Q        |  V        |          |          |
14+10       4.2452      7.75  |Q        |  V        |          |          |
14+15       4.3000      7.96  |Q        |  V        |          |          |
14+20       4.3564      8.18  |Q        |  V        |          |          |
14+25       4.4144      8.42  |Q        |   V       |          |          |
14+30       4.4741      8.67  |Q        |   V       |          |          |
14+35       4.5357      8.94  |Q        |   V       |          |          |
14+40       4.5993      9.23  |Q        |   V       |          |          |
14+45       4.6651      9.55  |Q        |   V       |          |          |
14+50       4.7333      9.90  |Q        |    V      |          |          |
14+55       4.8041     10.29  | Q       |    V      |          |          |
```



19+10	11.2003	4.38	Q	|	|	|	V |
19+15	11.2300	4.31	Q	|	|	|	V |
19+20	11.2591	4.23	Q	|	|	|	V |
19+25	11.2878	4.16	Q	|	|	|	V |
19+30	11.3159	4.09	Q	|	|	|	V |
19+35	11.3436	4.02	Q	|	|	|	V |
19+40	11.3709	3.96	Q	|	|	|	V |
19+45	11.3977	3.90	Q	|	|	|	V |
19+50	11.4242	3.84	Q	|	|	|	V |
19+55	11.4502	3.78	Q	|	|	|	V |
20+ 0	11.4759	3.73	Q	|	|	|	V |
20+ 5	11.5012	3.67	Q	|	|	|	V |
20+10	11.5261	3.62	Q	|	|	|	V |
20+15	11.5508	3.57	Q	|	|	|	V |
20+20	11.5750	3.53	Q	|	|	|	V |
20+25	11.5990	3.48	Q	|	|	|	V |
20+30	11.6227	3.44	Q	|	|	|	V |
20+35	11.6461	3.40	Q	|	|	|	V |
20+40	11.6692	3.35	Q	|	|	|	V |
20+45	11.6920	3.31	Q	|	|	|	V |
20+50	11.7146	3.27	Q	|	|	|	V |
20+55	11.7369	3.24	Q	|	|	|	V |
21+ 0	11.7589	3.20	Q	|	|	|	V |
21+ 5	11.7807	3.17	Q	|	|	|	V |
21+10	11.8023	3.13	Q	|	|	|	V |
21+15	11.8236	3.10	Q	|	|	|	V |
21+20	11.8447	3.06	Q	|	|	|	V |
21+25	11.8656	3.03	Q	|	|	|	V |
21+30	11.8863	3.00	Q	|	|	|	V |
21+35	11.9067	2.97	Q	|	|	|	V |
21+40	11.9270	2.94	Q	|	|	|	V |
21+45	11.9471	2.91	Q	|	|	|	V |
21+50	11.9669	2.89	Q	|	|	|	V |
21+55	11.9866	2.86	Q	|	|	|	V |
22+ 0	12.0061	2.83	Q	|	|	|	V |
22+ 5	12.0255	2.81	Q	|	|	|	V |
22+10	12.0446	2.78	Q	|	|	|	V |
22+15	12.0636	2.76	Q	|	|	|	V |
22+20	12.0824	2.73	Q	|	|	|	V |
22+25	12.1011	2.71	Q	|	|	|	V |
22+30	12.1196	2.69	Q	|	|	|	V |
22+35	12.1379	2.66	Q	|	|	|	V |
22+40	12.1561	2.64	Q	|	|	|	V |
22+45	12.1742	2.62	Q	|	|	|	V|
22+50	12.1921	2.60	Q	|	|	|	V|
22+55	12.2098	2.58	Q	|	|	|	V|
23+ 0	12.2274	2.56	Q	|	|	|	V|
23+ 5	12.2449	2.54	Q	|	|	|	V|
23+10	12.2623	2.52	Q	|	|	|	V|
23+15	12.2795	2.50	Q	|	|	|	V|

```
   23+20      12.2965      2.48  Q         |         |         |         V|
   23+25      12.3135      2.46  Q         |         |         |         V|
   23+30      12.3303      2.44  Q         |         |         |         V|
   23+35      12.3470      2.43  Q         |         |         |         V|
   23+40      12.3636      2.41  Q         |         |         |         V|
   23+45      12.3801      2.39  Q         |         |         |         V|
   23+50      12.3965      2.38  Q         |         |         |         V|
   23+55      12.4127      2.36  Q         |         |         |         V|
   24+ 0      12.4288      2.34  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/08/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area B
100-year Developed

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
48.02	1	1.08
Rainfall data for year 100		
48.02	6	2.04
Rainfall data for year 100		
48.02	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	48.02	1.000	0.262	0.100	0.026

Area-averaged adjusted loss rate Fm (In/Hr) = 0.026

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
4.80	0.100	69.0	86.2	1.60	0.598
43.22	0.900	98.0	98.0	0.20	0.932

Area-averaged catchment yield fraction, Y = 0.898
Area-averaged low loss fraction, Yb = 0.102
User entry of time of concentration = 0.220 (hours)
++
Watershed area = 48.02(Ac.)
Catchment Lag time = 0.176 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 47.3485
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.026(In/Hr)
Average low loss rate fraction (Yb) = 0.102 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 48.02(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.511(In)
30-minute factor = 0.998 Adjusted rainfall = 0.875(In)
1-hour factor = 0.998 Adjusted rainfall = 1.078(In)
3-hour factor = 1.000 Adjusted rainfall = 1.595(In)
6-hour factor = 1.000 Adjusted rainfall = 2.040(In)
24-hour factor = 1.000 Adjusted rainfall = 3.420(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 580.74 (CFS))	
1	3.621	21.031
2	27.374	137.943
3	58.032	178.044
4	71.898	80.526
5	79.947	46.743
6	85.264	30.875
7	89.111	22.341
8	91.816	15.709
9	93.936	12.314
10	95.547	9.354
11	96.789	7.216
12	97.673	5.132
13	98.224	3.197
14	98.770	3.175
15	99.332	3.263
16	99.712	2.204
17	100.000	1.673

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5113	0.5113
2	0.6295	0.1182
3	0.7109	0.0814
4	0.7750	0.0641
5	0.8287	0.0537
6	0.8753	0.0466
7	0.9167	0.0414
8	0.9542	0.0375
9	0.9885	0.0343
10	1.0202	0.0317
11	1.0498	0.0296
12	1.0776	0.0278
13	1.1088	0.0312
14	1.1385	0.0297
15	1.1669	0.0284
16	1.1940	0.0272
17	1.2201	0.0261
18	1.2453	0.0251
19	1.2695	0.0243
20	1.2930	0.0234
21	1.3157	0.0227
22	1.3377	0.0220
23	1.3591	0.0214
24	1.3799	0.0208
25	1.4001	0.0202

26	1.4198	0.0197
27	1.4391	0.0192
28	1.4579	0.0188
29	1.4762	0.0184
30	1.4942	0.0180
31	1.5118	0.0176
32	1.5290	0.0172
33	1.5459	0.0169
34	1.5624	0.0166
35	1.5787	0.0162
36	1.5946	0.0159
37	1.6102	0.0156
38	1.6255	0.0153
39	1.6406	0.0151
40	1.6554	0.0148
41	1.6700	0.0146
42	1.6843	0.0144
43	1.6985	0.0141
44	1.7124	0.0139
45	1.7261	0.0137
46	1.7397	0.0135
47	1.7530	0.0133
48	1.7661	0.0132
49	1.7791	0.0130
50	1.7919	0.0128
51	1.8046	0.0126
52	1.8171	0.0125
53	1.8294	0.0123
54	1.8416	0.0122
55	1.8536	0.0120
56	1.8655	0.0119
57	1.8773	0.0118
58	1.8889	0.0116
59	1.9004	0.0115
60	1.9118	0.0114
61	1.9231	0.0113
62	1.9342	0.0111
63	1.9452	0.0110
64	1.9561	0.0109
65	1.9669	0.0108
66	1.9776	0.0107
67	1.9882	0.0106
68	1.9987	0.0105
69	2.0091	0.0104
70	2.0194	0.0103
71	2.0296	0.0102
72	2.0397	0.0101
73	2.0502	0.0105
74	2.0606	0.0104
75	2.0710	0.0103

76	2.0812	0.0103
77	2.0914	0.0102
78	2.1015	0.0101
79	2.1115	0.0100
80	2.1214	0.0099
81	2.1312	0.0098
82	2.1410	0.0098
83	2.1507	0.0097
84	2.1603	0.0096
85	2.1699	0.0096
86	2.1794	0.0095
87	2.1888	0.0094
88	2.1981	0.0093
89	2.2074	0.0093
90	2.2166	0.0092
91	2.2258	0.0091
92	2.2349	0.0091
93	2.2439	0.0090
94	2.2528	0.0090
95	2.2617	0.0089
96	2.2706	0.0088
97	2.2794	0.0088
98	2.2881	0.0087
99	2.2968	0.0087
100	2.3054	0.0086
101	2.3140	0.0086
102	2.3225	0.0085
103	2.3310	0.0085
104	2.3394	0.0084
105	2.3477	0.0084
106	2.3560	0.0083
107	2.3643	0.0083
108	2.3725	0.0082
109	2.3807	0.0082
110	2.3888	0.0081
111	2.3969	0.0081
112	2.4049	0.0080
113	2.4129	0.0080
114	2.4208	0.0079
115	2.4287	0.0079
116	2.4366	0.0079
117	2.4444	0.0078
118	2.4521	0.0078
119	2.4599	0.0077
120	2.4675	0.0077
121	2.4752	0.0076
122	2.4828	0.0076
123	2.4904	0.0076
124	2.4979	0.0075
125	2.5054	0.0075

126	2.5128	0.0075
127	2.5203	0.0074
128	2.5276	0.0074
129	2.5350	0.0073
130	2.5423	0.0073
131	2.5496	0.0073
132	2.5568	0.0072
133	2.5640	0.0072
134	2.5712	0.0072
135	2.5783	0.0071
136	2.5854	0.0071
137	2.5925	0.0071
138	2.5995	0.0070
139	2.6065	0.0070
140	2.6135	0.0070
141	2.6204	0.0069
142	2.6274	0.0069
143	2.6342	0.0069
144	2.6411	0.0069
145	2.6479	0.0068
146	2.6547	0.0068
147	2.6615	0.0068
148	2.6682	0.0067
149	2.6749	0.0067
150	2.6816	0.0067
151	2.6882	0.0067
152	2.6949	0.0066
153	2.7015	0.0066
154	2.7080	0.0066
155	2.7146	0.0065
156	2.7211	0.0065
157	2.7276	0.0065
158	2.7340	0.0065
159	2.7405	0.0064
160	2.7469	0.0064
161	2.7533	0.0064
162	2.7596	0.0064
163	2.7660	0.0063
164	2.7723	0.0063
165	2.7786	0.0063
166	2.7848	0.0063
167	2.7911	0.0062
168	2.7973	0.0062
169	2.8035	0.0062
170	2.8097	0.0062
171	2.8158	0.0061
172	2.8219	0.0061
173	2.8280	0.0061
174	2.8341	0.0061
175	2.8402	0.0061

176	2.8462	0.0060
177	2.8522	0.0060
178	2.8582	0.0060
179	2.8642	0.0060
180	2.8702	0.0060
181	2.8761	0.0059
182	2.8820	0.0059
183	2.8879	0.0059
184	2.8938	0.0059
185	2.8996	0.0059
186	2.9055	0.0058
187	2.9113	0.0058
188	2.9171	0.0058
189	2.9229	0.0058
190	2.9286	0.0058
191	2.9343	0.0057
192	2.9401	0.0057
193	2.9458	0.0057
194	2.9514	0.0057
195	2.9571	0.0057
196	2.9628	0.0056
197	2.9684	0.0056
198	2.9740	0.0056
199	2.9796	0.0056
200	2.9851	0.0056
201	2.9907	0.0056
202	2.9962	0.0055
203	3.0018	0.0055
204	3.0073	0.0055
205	3.0128	0.0055
206	3.0182	0.0055
207	3.0237	0.0055
208	3.0291	0.0054
209	3.0345	0.0054
210	3.0399	0.0054
211	3.0453	0.0054
212	3.0507	0.0054
213	3.0561	0.0054
214	3.0614	0.0053
215	3.0667	0.0053
216	3.0720	0.0053
217	3.0773	0.0053
218	3.0826	0.0053
219	3.0879	0.0053
220	3.0931	0.0052
221	3.0983	0.0052
222	3.1036	0.0052
223	3.1088	0.0052
224	3.1140	0.0052
225	3.1191	0.0052

226	3.1243	0.0052
227	3.1294	0.0051
228	3.1346	0.0051
229	3.1397	0.0051
230	3.1448	0.0051
231	3.1499	0.0051
232	3.1550	0.0051
233	3.1600	0.0051
234	3.1651	0.0050
235	3.1701	0.0050
236	3.1751	0.0050
237	3.1801	0.0050
238	3.1851	0.0050
239	3.1901	0.0050
240	3.1951	0.0050
241	3.2000	0.0050
242	3.2050	0.0049
243	3.2099	0.0049
244	3.2148	0.0049
245	3.2197	0.0049
246	3.2246	0.0049
247	3.2295	0.0049
248	3.2344	0.0049
249	3.2392	0.0049
250	3.2441	0.0048
251	3.2489	0.0048
252	3.2537	0.0048
253	3.2585	0.0048
254	3.2633	0.0048
255	3.2681	0.0048
256	3.2729	0.0048
257	3.2777	0.0048
258	3.2824	0.0047
259	3.2871	0.0047
260	3.2919	0.0047
261	3.2966	0.0047
262	3.3013	0.0047
263	3.3060	0.0047
264	3.3107	0.0047
265	3.3153	0.0047
266	3.3200	0.0047
267	3.3246	0.0046
268	3.3293	0.0046
269	3.3339	0.0046
270	3.3385	0.0046
271	3.3431	0.0046
272	3.3477	0.0046
273	3.3523	0.0046
274	3.3569	0.0046
275	3.3614	0.0046

276	3.3660	0.0046
277	3.3705	0.0045
278	3.3750	0.0045
279	3.3796	0.0045
280	3.3841	0.0045
281	3.3886	0.0045
282	3.3931	0.0045
283	3.3975	0.0045
284	3.4020	0.0045
285	3.4065	0.0045
286	3.4109	0.0045
287	3.4154	0.0044
288	3.4198	0.0044

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0005	0.0040
2	0.0044	0.0005	0.0040
3	0.0045	0.0005	0.0040
4	0.0045	0.0005	0.0040
5	0.0045	0.0005	0.0040
6	0.0045	0.0005	0.0040
7	0.0045	0.0005	0.0041
8	0.0045	0.0005	0.0041
9	0.0046	0.0005	0.0041
10	0.0046	0.0005	0.0041
11	0.0046	0.0005	0.0041
12	0.0046	0.0005	0.0041
13	0.0046	0.0005	0.0041
14	0.0046	0.0005	0.0042
15	0.0046	0.0005	0.0042
16	0.0047	0.0005	0.0042
17	0.0047	0.0005	0.0042
18	0.0047	0.0005	0.0042
19	0.0047	0.0005	0.0042
20	0.0047	0.0005	0.0042
21	0.0047	0.0005	0.0043
22	0.0048	0.0005	0.0043
23	0.0048	0.0005	0.0043
24	0.0048	0.0005	0.0043
25	0.0048	0.0005	0.0043
26	0.0048	0.0005	0.0043
27	0.0049	0.0005	0.0044
28	0.0049	0.0005	0.0044
29	0.0049	0.0005	0.0044
30	0.0049	0.0005	0.0044
31	0.0049	0.0005	0.0044
32	0.0049	0.0005	0.0044

33	0.0050	0.0005	0.0045
34	0.0050	0.0005	0.0045
35	0.0050	0.0005	0.0045
36	0.0050	0.0005	0.0045
37	0.0050	0.0005	0.0045
38	0.0051	0.0005	0.0045
39	0.0051	0.0005	0.0046
40	0.0051	0.0005	0.0046
41	0.0051	0.0005	0.0046
42	0.0051	0.0005	0.0046
43	0.0052	0.0005	0.0046
44	0.0052	0.0005	0.0047
45	0.0052	0.0005	0.0047
46	0.0052	0.0005	0.0047
47	0.0053	0.0005	0.0047
48	0.0053	0.0005	0.0047
49	0.0053	0.0005	0.0048
50	0.0053	0.0005	0.0048
51	0.0054	0.0005	0.0048
52	0.0054	0.0005	0.0048
53	0.0054	0.0005	0.0049
54	0.0054	0.0006	0.0049
55	0.0055	0.0006	0.0049
56	0.0055	0.0006	0.0049
57	0.0055	0.0006	0.0049
58	0.0055	0.0006	0.0050
59	0.0056	0.0006	0.0050
60	0.0056	0.0006	0.0050
61	0.0056	0.0006	0.0050
62	0.0056	0.0006	0.0051
63	0.0057	0.0006	0.0051
64	0.0057	0.0006	0.0051
65	0.0057	0.0006	0.0051
66	0.0057	0.0006	0.0052
67	0.0058	0.0006	0.0052
68	0.0058	0.0006	0.0052
69	0.0058	0.0006	0.0052
70	0.0059	0.0006	0.0053
71	0.0059	0.0006	0.0053
72	0.0059	0.0006	0.0053
73	0.0060	0.0006	0.0053
74	0.0060	0.0006	0.0054
75	0.0060	0.0006	0.0054
76	0.0060	0.0006	0.0054
77	0.0061	0.0006	0.0055
78	0.0061	0.0006	0.0055
79	0.0061	0.0006	0.0055
80	0.0062	0.0006	0.0055
81	0.0062	0.0006	0.0056
82	0.0062	0.0006	0.0056

83	0.0063	0.0006	0.0057
84	0.0063	0.0006	0.0057
85	0.0064	0.0006	0.0057
86	0.0064	0.0006	0.0057
87	0.0064	0.0007	0.0058
88	0.0065	0.0007	0.0058
89	0.0065	0.0007	0.0059
90	0.0065	0.0007	0.0059
91	0.0066	0.0007	0.0059
92	0.0066	0.0007	0.0059
93	0.0067	0.0007	0.0060
94	0.0067	0.0007	0.0060
95	0.0068	0.0007	0.0061
96	0.0068	0.0007	0.0061
97	0.0069	0.0007	0.0062
98	0.0069	0.0007	0.0062
99	0.0069	0.0007	0.0062
100	0.0070	0.0007	0.0063
101	0.0070	0.0007	0.0063
102	0.0071	0.0007	0.0064
103	0.0071	0.0007	0.0064
104	0.0072	0.0007	0.0064
105	0.0072	0.0007	0.0065
106	0.0073	0.0007	0.0065
107	0.0073	0.0007	0.0066
108	0.0074	0.0007	0.0066
109	0.0075	0.0008	0.0067
110	0.0075	0.0008	0.0067
111	0.0076	0.0008	0.0068
112	0.0076	0.0008	0.0068
113	0.0077	0.0008	0.0069
114	0.0077	0.0008	0.0069
115	0.0078	0.0008	0.0070
116	0.0079	0.0008	0.0071
117	0.0079	0.0008	0.0071
118	0.0080	0.0008	0.0072
119	0.0081	0.0008	0.0073
120	0.0081	0.0008	0.0073
121	0.0082	0.0008	0.0074
122	0.0083	0.0008	0.0074
123	0.0084	0.0008	0.0075
124	0.0084	0.0009	0.0076
125	0.0085	0.0009	0.0076
126	0.0086	0.0009	0.0077
127	0.0087	0.0009	0.0078
128	0.0087	0.0009	0.0078
129	0.0088	0.0009	0.0079
130	0.0089	0.0009	0.0080
131	0.0090	0.0009	0.0081
132	0.0091	0.0009	0.0082

133	0.0092	0.0009	0.0083
134	0.0093	0.0009	0.0083
135	0.0094	0.0010	0.0085
136	0.0095	0.0010	0.0085
137	0.0096	0.0010	0.0086
138	0.0097	0.0010	0.0087
139	0.0098	0.0010	0.0088
140	0.0099	0.0010	0.0089
141	0.0101	0.0010	0.0091
142	0.0102	0.0010	0.0091
143	0.0103	0.0011	0.0093
144	0.0104	0.0011	0.0094
145	0.0101	0.0010	0.0091
146	0.0102	0.0010	0.0092
147	0.0104	0.0011	0.0093
148	0.0105	0.0011	0.0094
149	0.0107	0.0011	0.0096
150	0.0108	0.0011	0.0097
151	0.0110	0.0011	0.0099
152	0.0111	0.0011	0.0100
153	0.0114	0.0012	0.0102
154	0.0115	0.0012	0.0103
155	0.0118	0.0012	0.0106
156	0.0119	0.0012	0.0107
157	0.0122	0.0012	0.0109
158	0.0123	0.0013	0.0111
159	0.0126	0.0013	0.0114
160	0.0128	0.0013	0.0115
161	0.0132	0.0013	0.0118
162	0.0133	0.0014	0.0120
163	0.0137	0.0014	0.0123
164	0.0139	0.0014	0.0125
165	0.0144	0.0015	0.0129
166	0.0146	0.0015	0.0131
167	0.0151	0.0015	0.0135
168	0.0153	0.0016	0.0138
169	0.0159	0.0016	0.0143
170	0.0162	0.0017	0.0146
171	0.0169	0.0017	0.0152
172	0.0172	0.0017	0.0155
173	0.0180	0.0018	0.0161
174	0.0184	0.0019	0.0165
175	0.0192	0.0020	0.0173
176	0.0197	0.0020	0.0177
177	0.0208	0.0021	0.0187
178	0.0214	0.0022	0.0192
179	0.0227	0.0022	0.0205
180	0.0234	0.0022	0.0213
181	0.0251	0.0022	0.0230
182	0.0261	0.0022	0.0239

183	0.0284	0.0022	0.0262
184	0.0297	0.0022	0.0275
185	0.0278	0.0022	0.0256
186	0.0296	0.0022	0.0274
187	0.0343	0.0022	0.0321
188	0.0375	0.0022	0.0353
189	0.0466	0.0022	0.0444
190	0.0537	0.0022	0.0515
191	0.0814	0.0022	0.0792
192	0.1182	0.0022	0.1160
193	0.5113	0.0022	0.5091
194	0.0641	0.0022	0.0619
195	0.0414	0.0022	0.0392
196	0.0317	0.0022	0.0296
197	0.0312	0.0022	0.0290
198	0.0272	0.0022	0.0250
199	0.0243	0.0022	0.0221
200	0.0220	0.0022	0.0198
201	0.0202	0.0021	0.0182
202	0.0188	0.0019	0.0169
203	0.0176	0.0018	0.0158
204	0.0166	0.0017	0.0149
205	0.0156	0.0016	0.0140
206	0.0148	0.0015	0.0133
207	0.0141	0.0014	0.0127
208	0.0135	0.0014	0.0122
209	0.0130	0.0013	0.0117
210	0.0125	0.0013	0.0112
211	0.0120	0.0012	0.0108
212	0.0116	0.0012	0.0104
213	0.0113	0.0011	0.0101
214	0.0109	0.0011	0.0098
215	0.0106	0.0011	0.0095
216	0.0103	0.0010	0.0092
217	0.0105	0.0011	0.0094
218	0.0103	0.0010	0.0092
219	0.0100	0.0010	0.0090
220	0.0098	0.0010	0.0088
221	0.0096	0.0010	0.0086
222	0.0093	0.0009	0.0084
223	0.0091	0.0009	0.0082
224	0.0090	0.0009	0.0081
225	0.0088	0.0009	0.0079
226	0.0086	0.0009	0.0077
227	0.0085	0.0009	0.0076
228	0.0083	0.0008	0.0075
229	0.0082	0.0008	0.0073
230	0.0080	0.0008	0.0072
231	0.0079	0.0008	0.0071
232	0.0078	0.0008	0.0070

233	0.0076	0.0008	0.0069
234	0.0075	0.0008	0.0068
235	0.0074	0.0008	0.0067
236	0.0073	0.0007	0.0066
237	0.0072	0.0007	0.0065
238	0.0071	0.0007	0.0064
239	0.0070	0.0007	0.0063
240	0.0069	0.0007	0.0062
241	0.0068	0.0007	0.0061
242	0.0067	0.0007	0.0061
243	0.0067	0.0007	0.0060
244	0.0066	0.0007	0.0059
245	0.0065	0.0007	0.0058
246	0.0064	0.0007	0.0058
247	0.0063	0.0006	0.0057
248	0.0063	0.0006	0.0056
249	0.0062	0.0006	0.0056
250	0.0061	0.0006	0.0055
251	0.0061	0.0006	0.0054
252	0.0060	0.0006	0.0054
253	0.0059	0.0006	0.0053
254	0.0059	0.0006	0.0053
255	0.0058	0.0006	0.0052
256	0.0058	0.0006	0.0052
257	0.0057	0.0006	0.0051
258	0.0056	0.0006	0.0051
259	0.0056	0.0006	0.0050
260	0.0055	0.0006	0.0050
261	0.0055	0.0006	0.0049
262	0.0054	0.0006	0.0049
263	0.0054	0.0005	0.0048
264	0.0053	0.0005	0.0048
265	0.0053	0.0005	0.0048
266	0.0052	0.0005	0.0047
267	0.0052	0.0005	0.0047
268	0.0052	0.0005	0.0046
269	0.0051	0.0005	0.0046
270	0.0051	0.0005	0.0046
271	0.0050	0.0005	0.0045
272	0.0050	0.0005	0.0045
273	0.0050	0.0005	0.0045
274	0.0049	0.0005	0.0044
275	0.0049	0.0005	0.0044
276	0.0048	0.0005	0.0044
277	0.0048	0.0005	0.0043
278	0.0048	0.0005	0.0043
279	0.0047	0.0005	0.0043
280	0.0047	0.0005	0.0042
281	0.0047	0.0005	0.0042
282	0.0046	0.0005	0.0042

283	0.0046	0.0005	0.0041
284	0.0046	0.0005	0.0041
285	0.0045	0.0005	0.0041
286	0.0045	0.0005	0.0041
287	0.0045	0.0005	0.0040
288	0.0045	0.0005	0.0040

Total soil rain loss = 0.26(In)
Total effective rainfall = 3.16(In)
Peak flow rate in flood hydrograph = 117.49(CFS)

++

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

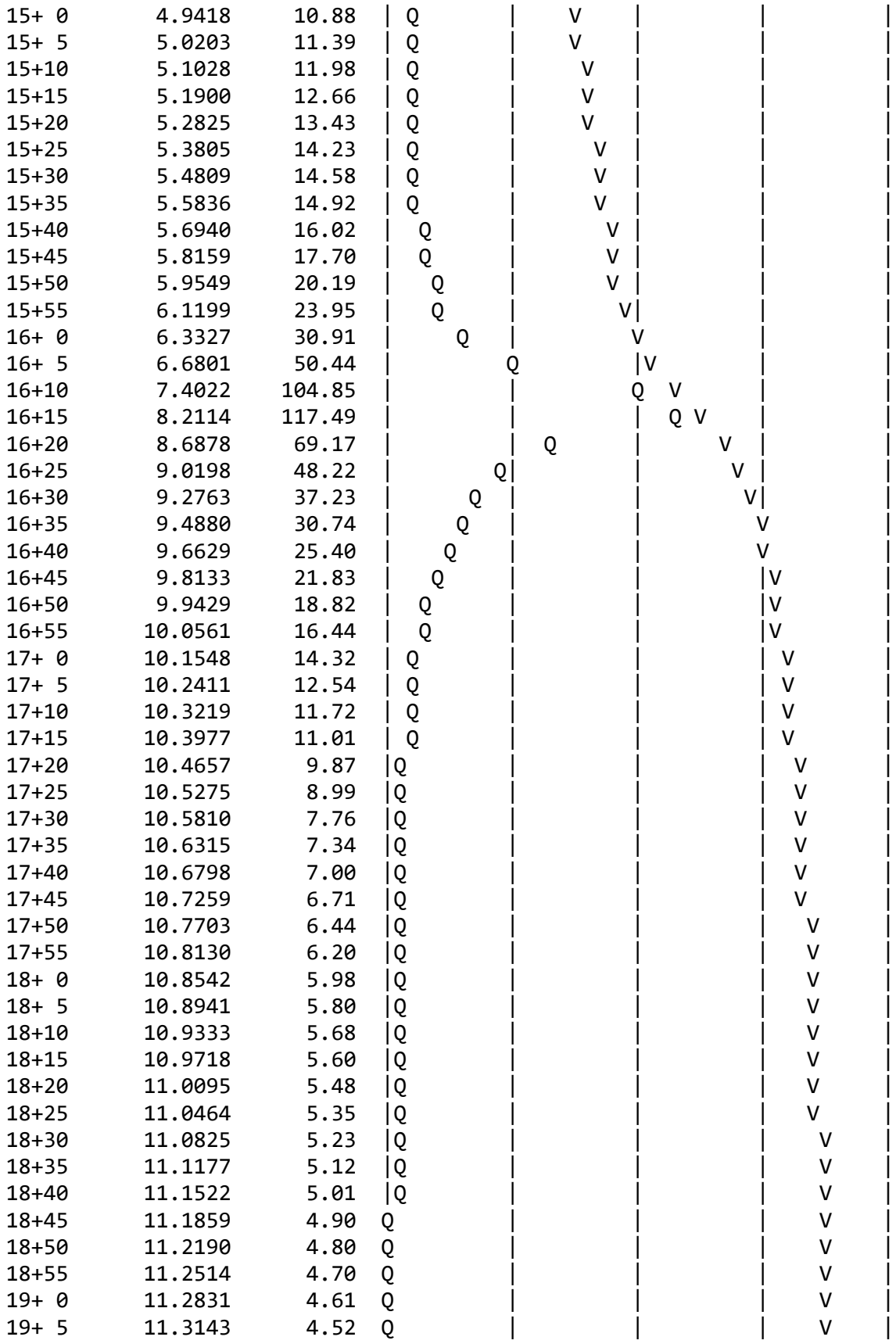
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	50.0	100.0	150.0	200.0
0+ 5	0.0006	0.08	Q				
0+10	0.0049	0.63	Q				
0+15	0.0142	1.34	Q				
0+20	0.0257	1.67	Q				
0+25	0.0385	1.86	Q				
0+30	0.0522	1.99	Q				
0+35	0.0665	2.08	Q				
0+40	0.0814	2.15	Q				
0+45	0.0966	2.21	Q				
0+50	0.1121	2.25	Q				
0+55	0.1279	2.29	Q				
1+ 0	0.1439	2.32	Q				
1+ 5	0.1600	2.34	Q				
1+10	0.1762	2.36	Q				
1+15	0.1926	2.38	Q				
1+20	0.2092	2.40	Q				
1+25	0.2258	2.41	Q				
1+30	0.2425	2.42	Q				
1+35	0.2592	2.43	Q				
1+40	0.2760	2.44	Q				
1+45	0.2929	2.45	Q				
1+50	0.3098	2.46	Q				
1+55	0.3268	2.47	QV				
2+ 0	0.3438	2.48	QV				
2+ 5	0.3609	2.48	QV				
2+10	0.3781	2.49	QV				
2+15	0.3953	2.50	QV				
2+20	0.4126	2.51	QV				
2+25	0.4300	2.52	QV				

2+30	0.4474	2.53	QV	|	|	|	|
2+35	0.4649	2.54	QV	|	|	|	|
2+40	0.4825	2.55	QV	|	|	|	|
2+45	0.5001	2.56	QV	|	|	|	|
2+50	0.5178	2.57	QV	|	|	|	|
2+55	0.5356	2.58	QV	|	|	|	|
3+ 0	0.5534	2.59	QV	|	|	|	|
3+ 5	0.5713	2.60	QV	|	|	|	|
3+10	0.5893	2.61	QV	|	|	|	|
3+15	0.6074	2.62	QV	|	|	|	|
3+20	0.6255	2.63	QV	|	|	|	|
3+25	0.6437	2.64	Q V	|	|	|	|
3+30	0.6620	2.65	Q V	|	|	|	|
3+35	0.6803	2.66	Q V	|	|	|	|
3+40	0.6987	2.67	Q V	|	|	|	|
3+45	0.7172	2.69	Q V	|	|	|	|
3+50	0.7358	2.70	Q V	|	|	|	|
3+55	0.7544	2.71	Q V	|	|	|	|
4+ 0	0.7732	2.72	Q V	|	|	|	|
4+ 5	0.7920	2.73	Q V	|	|	|	|
4+10	0.8109	2.74	Q V	|	|	|	|
4+15	0.8299	2.76	Q V	|	|	|	|
4+20	0.8489	2.77	Q V	|	|	|	|
4+25	0.8680	2.78	Q V	|	|	|	|
4+30	0.8873	2.79	Q V	|	|	|	|
4+35	0.9066	2.80	Q V	|	|	|	|
4+40	0.9260	2.82	Q V	|	|	|	|
4+45	0.9455	2.83	Q V	|	|	|	|
4+50	0.9650	2.84	Q V	|	|	|	|
4+55	0.9847	2.86	Q V	|	|	|	|
5+ 0	1.0045	2.87	Q V	|	|	|	|
5+ 5	1.0243	2.88	Q V	|	|	|	|
5+10	1.0442	2.89	Q V	|	|	|	|
5+15	1.0643	2.91	Q V	|	|	|	|
5+20	1.0844	2.92	Q V	|	|	|	|
5+25	1.1046	2.94	Q V	|	|	|	|
5+30	1.1249	2.95	Q V	|	|	|	|
5+35	1.1454	2.96	Q V	|	|	|	|
5+40	1.1659	2.98	Q V	|	|	|	|
5+45	1.1865	2.99	Q V	|	|	|	|
5+50	1.2072	3.01	Q V	|	|	|	|
5+55	1.2280	3.02	Q V	|	|	|	|
6+ 0	1.2490	3.04	Q V	|	|	|	|
6+ 5	1.2700	3.05	Q V	|	|	|	|
6+10	1.2912	3.07	Q V	|	|	|	|
6+15	1.3124	3.09	Q V	|	|	|	|
6+20	1.3338	3.10	Q V	|	|	|	|
6+25	1.3553	3.12	Q V	|	|	|	|
6+30	1.3769	3.14	Q V	|	|	|	|
6+35	1.3986	3.15	Q V	|	|	|	|

6+40	1.4204	3.17	Q	V	|	|	|	|
6+45	1.4424	3.19	Q	V	|	|	|	|
6+50	1.4644	3.20	Q	V	|	|	|	|
6+55	1.4866	3.22	Q	V	|	|	|	|
7+ 0	1.5089	3.24	Q	V	|	|	|	|
7+ 5	1.5314	3.26	Q	V	|	|	|	|
7+10	1.5539	3.28	Q	V	|	|	|	|
7+15	1.5766	3.30	Q	V	|	|	|	|
7+20	1.5995	3.31	Q	V	|	|	|	|
7+25	1.6224	3.33	Q	V	|	|	|	|
7+30	1.6455	3.35	Q	V	|	|	|	|
7+35	1.6688	3.37	Q	V	|	|	|	|
7+40	1.6921	3.39	Q	V	|	|	|	|
7+45	1.7157	3.42	Q	V	|	|	|	|
7+50	1.7393	3.44	Q	V	|	|	|	|
7+55	1.7631	3.46	Q	V	|	|	|	|
8+ 0	1.7871	3.48	Q	V	|	|	|	|
8+ 5	1.8112	3.50	Q	V	|	|	|	|
8+10	1.8355	3.52	Q	V	|	|	|	|
8+15	1.8599	3.55	Q	V	|	|	|	|
8+20	1.8845	3.57	Q	V	|	|	|	|
8+25	1.9092	3.59	Q	V	|	|	|	|
8+30	1.9341	3.62	Q	V	|	|	|	|
8+35	1.9592	3.64	Q	V	|	|	|	|
8+40	1.9845	3.67	Q	V	|	|	|	|
8+45	2.0099	3.69	Q	V	|	|	|	|
8+50	2.0355	3.72	Q	V	|	|	|	|
8+55	2.0613	3.74	Q	V	|	|	|	|
9+ 0	2.0872	3.77	Q	V	|	|	|	|
9+ 5	2.1134	3.80	Q	V	|	|	|	|
9+10	2.1397	3.82	Q	V	|	|	|	|
9+15	2.1663	3.85	Q	V	|	|	|	|
9+20	2.1930	3.88	Q	V	|	|	|	|
9+25	2.2199	3.91	Q	V	|	|	|	|
9+30	2.2471	3.94	Q	V	|	|	|	|
9+35	2.2744	3.97	Q	V	|	|	|	|
9+40	2.3020	4.00	Q	V	|	|	|	|
9+45	2.3298	4.03	Q	V	|	|	|	|
9+50	2.3578	4.07	Q	V	|	|	|	|
9+55	2.3860	4.10	Q	V	|	|	|	|
10+ 0	2.4145	4.13	Q	V	|	|	|	|
10+ 5	2.4432	4.17	Q	V	|	|	|	|
10+10	2.4722	4.20	Q	V	|	|	|	|
10+15	2.5014	4.24	Q	V	|	|	|	|
10+20	2.5308	4.28	Q	V	|	|	|	|
10+25	2.5605	4.31	Q	V	|	|	|	|
10+30	2.5905	4.35	Q	V	|	|	|	|
10+35	2.6208	4.39	Q	V	|	|	|	|
10+40	2.6513	4.43	Q	V	|	|	|	|
10+45	2.6821	4.48	Q	V	|	|	|	|

```
10+50       2.7132      4.52  Q       V |          |          |          |
10+55       2.7446      4.56  Q       V |          |          |          |
11+ 0       2.7764      4.61  Q       V |          |          |          |
11+ 5       2.8084      4.65  Q       V |          |          |          |
11+10       2.8408      4.70  Q       V |          |          |          |
11+15       2.8735      4.75  Q        V|          |          |          |
11+20       2.9065      4.80  Q        V|          |          |          |
11+25       2.9399      4.85  Q        V|          |          |          |
11+30       2.9736      4.90  Q        V|          |          |          |
11+35       3.0077      4.95  Q        V|          |          |          |
11+40       3.0422      5.01  |Q       V|          |          |          |
11+45       3.0771      5.07  |Q       V|          |          |          |
11+50       3.1124      5.13  |Q       V|          |          |          |
11+55       3.1482      5.19  |Q       V|          |          |          |
12+ 0       3.1843      5.25  |Q        V          |          |          |
12+ 5       3.2209      5.30  |Q        V          |          |          |
12+10       3.2574      5.31  |Q        V          |          |          |
12+15       3.2939      5.30  |Q        V          |          |          |
12+20       3.3306      5.33  |Q        V          |          |          |
12+25       3.3677      5.38  |Q        V          |          |          |
12+30       3.4052      5.44  |Q        V          |          |          |
12+35       3.4432      5.51  |Q        V          |          |          |
12+40       3.4816      5.59  |Q        |V          |          |          |
12+45       3.5207      5.67  |Q        |V          |          |          |
12+50       3.5602      5.75  |Q        |V          |          |          |
12+55       3.6004      5.84  |Q        |V          |          |          |
13+ 0       3.6413      5.93  |Q        |V          |          |          |
13+ 5       3.6827      6.02  |Q        |V          |          |          |
13+10       3.7249      6.12  |Q        |V          |          |          |
13+15       3.7678      6.23  |Q        |V          |          |          |
13+20       3.8115      6.34  |Q        | V         |          |          |
13+25       3.8560      6.46  |Q        | V         |          |          |
13+30       3.9013      6.58  |Q        | V         |          |          |
13+35       3.9475      6.71  |Q        | V         |          |          |
13+40       3.9947      6.85  |Q        | V         |          |          |
13+45       4.0428      6.99  |Q        | V         |          |          |
13+50       4.0920      7.14  |Q        | V         |          |          |
13+55       4.1423      7.30  |Q        |  V        |          |          |
14+ 0       4.1938      7.47  |Q        |  V        |          |          |
14+ 5       4.2465      7.65  |Q        |  V        |          |          |
14+10       4.3005      7.85  |Q        |  V        |          |          |
14+15       4.3561      8.07  |Q        |  V        |          |          |
14+20       4.4132      8.29  |Q        |  V        |          |          |
14+25       4.4720      8.53  |Q        |   V       |          |          |
14+30       4.5325      8.79  |Q        |   V       |          |          |
14+35       4.5949      9.06  |Q        |   V       |          |          |
14+40       4.6593      9.36  |Q        |   V       |          |          |
14+45       4.7260      9.68  |Q        |   V       |          |          |
14+50       4.7951     10.03  | Q       |    V      |          |          |
14+55       4.8669     10.43  | Q       |    V      |          |          |
```



19+10	11.3449	4.44	Q	|	|	|	V |
19+15	11.3749	4.36	Q	|	|	|	V |
19+20	11.4044	4.28	Q	|	|	|	V |
19+25	11.4334	4.21	Q	|	|	|	V |
19+30	11.4619	4.14	Q	|	|	|	V |
19+35	11.4900	4.07	Q	|	|	|	V |
19+40	11.5176	4.01	Q	|	|	|	V |
19+45	11.5448	3.95	Q	|	|	|	V |
19+50	11.5715	3.89	Q	|	|	|	V |
19+55	11.5979	3.83	Q	|	|	|	V |
20+ 0	11.6239	3.77	Q	|	|	|	V |
20+ 5	11.6495	3.72	Q	|	|	|	V |
20+10	11.6748	3.67	Q	|	|	|	V |
20+15	11.6997	3.62	Q	|	|	|	V |
20+20	11.7243	3.57	Q	|	|	|	V |
20+25	11.7486	3.53	Q	|	|	|	V |
20+30	11.7726	3.48	Q	|	|	|	V |
20+35	11.7963	3.44	Q	|	|	|	V |
20+40	11.8196	3.40	Q	|	|	|	V |
20+45	11.8428	3.36	Q	|	|	|	V |
20+50	11.8656	3.32	Q	|	|	|	V |
20+55	11.8882	3.28	Q	|	|	|	V |
21+ 0	11.9105	3.24	Q	|	|	|	V |
21+ 5	11.9326	3.21	Q	|	|	|	V |
21+10	11.9544	3.17	Q	|	|	|	V |
21+15	11.9760	3.14	Q	|	|	|	V |
21+20	11.9974	3.10	Q	|	|	|	V |
21+25	12.0185	3.07	Q	|	|	|	V |
21+30	12.0395	3.04	Q	|	|	|	V |
21+35	12.0602	3.01	Q	|	|	|	V |
21+40	12.0807	2.98	Q	|	|	|	V |
21+45	12.1011	2.95	Q	|	|	|	V |
21+50	12.1212	2.92	Q	|	|	|	V |
21+55	12.1411	2.90	Q	|	|	|	V |
22+ 0	12.1609	2.87	Q	|	|	|	V |
22+ 5	12.1805	2.84	Q	|	|	|	V |
22+10	12.1999	2.82	Q	|	|	|	V |
22+15	12.2191	2.79	Q	|	|	|	V |
22+20	12.2382	2.77	Q	|	|	|	V |
22+25	12.2570	2.74	Q	|	|	|	V |
22+30	12.2758	2.72	Q	|	|	|	V |
22+35	12.2944	2.70	Q	|	|	|	V |
22+40	12.3128	2.67	Q	|	|	|	V |
22+45	12.3311	2.65	Q	|	|	|	V|
22+50	12.3492	2.63	Q	|	|	|	V|
22+55	12.3672	2.61	Q	|	|	|	V|
23+ 0	12.3850	2.59	Q	|	|	|	V|
23+ 5	12.4027	2.57	Q	|	|	|	V|
23+10	12.4203	2.55	Q	|	|	|	V|
23+15	12.4377	2.53	Q	|	|	|	V|

```
   23+20      12.4550      2.51  Q         |         |         |         V|
   23+25      12.4722      2.49  Q         |         |         |         V|
   23+30      12.4892      2.48  Q         |         |         |         V|
   23+35      12.5061      2.46  Q         |         |         |         V|
   23+40      12.5229      2.44  Q         |         |         |         V|
   23+45      12.5396      2.42  Q         |         |         |         V|
   23+50      12.5562      2.41  Q         |         |         |         V|
   23+55      12.5726      2.39  Q         |         |         |         V|
   24+ 0      12.5890      2.37  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/08/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Basin C
100-year Developed

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
38.57	1	1.08
Rainfall data for year 100		
38.57	6	2.04
Rainfall data for year 100		
38.57	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	38.57	1.000	0.262	0.100	0.026

Area-averaged adjusted loss rate Fm (In/Hr) = 0.026

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
3.86	0.100	69.0	86.2	1.60	0.598
34.71	0.900	98.0	98.0	0.20	0.932

Area-averaged catchment yield fraction, Y = 0.898
Area-averaged low loss fraction, Yb = 0.102
User entry of time of concentration = 0.208 (hours)
++
Watershed area = 38.57(Ac.)
Catchment Lag time = 0.166 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 50.0801
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.026(In/Hr)
Average low loss rate fraction (Yb) = 0.102 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 38.57(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.512(In)
30-minute factor = 0.998 Adjusted rainfall = 0.876(In)
1-hour factor = 0.998 Adjusted rainfall = 1.078(In)
3-hour factor = 1.000 Adjusted rainfall = 1.595(In)
6-hour factor = 1.000 Adjusted rainfall = 2.040(In)
24-hour factor = 1.000 Adjusted rainfall = 3.420(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 466.46 (CFS))	
1	3.973	18.532
2	30.607	124.236
3	60.634	140.065
4	73.829	61.548
5	81.493	35.748
6	86.639	24.002
7	90.205	16.637
8	92.803	12.116
9	94.773	9.192
10	96.270	6.981
11	97.365	5.109
12	98.059	3.238
13	98.612	2.579
14	99.213	2.803
15	99.664	2.102
16	100.000	1.570

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5115	0.5115
2	0.6298	0.1182
3	0.7112	0.0815
4	0.7754	0.0641
5	0.8290	0.0537
6	0.8756	0.0466
7	0.9171	0.0414
8	0.9546	0.0375
9	0.9889	0.0343
10	1.0207	0.0318
11	1.0503	0.0296
12	1.0780	0.0278
13	1.1092	0.0312
14	1.1389	0.0297
15	1.1673	0.0284
16	1.1944	0.0272
17	1.2205	0.0261
18	1.2456	0.0251
19	1.2699	0.0242
20	1.2933	0.0234
21	1.3160	0.0227
22	1.3380	0.0220
23	1.3594	0.0214
24	1.3801	0.0208
25	1.4004	0.0202
26	1.4201	0.0197

27	1.4393	0.0192
28	1.4581	0.0188
29	1.4764	0.0183
30	1.4944	0.0179
31	1.5119	0.0176
32	1.5291	0.0172
33	1.5460	0.0169
34	1.5625	0.0165
35	1.5788	0.0162
36	1.5947	0.0159
37	1.6103	0.0156
38	1.6256	0.0153
39	1.6407	0.0151
40	1.6555	0.0148
41	1.6701	0.0146
42	1.6844	0.0144
43	1.6986	0.0141
44	1.7125	0.0139
45	1.7262	0.0137
46	1.7397	0.0135
47	1.7531	0.0133
48	1.7662	0.0132
49	1.7792	0.0130
50	1.7920	0.0128
51	1.8047	0.0126
52	1.8171	0.0125
53	1.8295	0.0123
54	1.8417	0.0122
55	1.8537	0.0120
56	1.8656	0.0119
57	1.8774	0.0118
58	1.8890	0.0116
59	1.9005	0.0115
60	1.9119	0.0114
61	1.9231	0.0113
62	1.9343	0.0111
63	1.9453	0.0110
64	1.9562	0.0109
65	1.9670	0.0108
66	1.9777	0.0107
67	1.9883	0.0106
68	1.9988	0.0105
69	2.0092	0.0104
70	2.0195	0.0103
71	2.0296	0.0102
72	2.0398	0.0101
73	2.0503	0.0105
74	2.0607	0.0104
75	2.0710	0.0103
76	2.0813	0.0103

77	2.0914	0.0102
78	2.1015	0.0101
79	2.1115	0.0100
80	2.1215	0.0099
81	2.1313	0.0098
82	2.1411	0.0098
83	2.1508	0.0097
84	2.1604	0.0096
85	2.1699	0.0096
86	2.1794	0.0095
87	2.1888	0.0094
88	2.1982	0.0093
89	2.2075	0.0093
90	2.2167	0.0092
91	2.2258	0.0091
92	2.2349	0.0091
93	2.2439	0.0090
94	2.2529	0.0090
95	2.2618	0.0089
96	2.2707	0.0088
97	2.2794	0.0088
98	2.2882	0.0087
99	2.2968	0.0087
100	2.3055	0.0086
101	2.3140	0.0086
102	2.3226	0.0085
103	2.3310	0.0085
104	2.3394	0.0084
105	2.3478	0.0084
106	2.3561	0.0083
107	2.3644	0.0083
108	2.3726	0.0082
109	2.3807	0.0082
110	2.3889	0.0081
111	2.3969	0.0081
112	2.4050	0.0080
113	2.4129	0.0080
114	2.4209	0.0079
115	2.4288	0.0079
116	2.4366	0.0079
117	2.4444	0.0078
118	2.4522	0.0078
119	2.4599	0.0077
120	2.4676	0.0077
121	2.4752	0.0076
122	2.4829	0.0076
123	2.4904	0.0076
124	2.4980	0.0075
125	2.5054	0.0075
126	2.5129	0.0075

127	2.5203	0.0074
128	2.5277	0.0074
129	2.5350	0.0073
130	2.5423	0.0073
131	2.5496	0.0073
132	2.5568	0.0072
133	2.5641	0.0072
134	2.5712	0.0072
135	2.5784	0.0071
136	2.5855	0.0071
137	2.5925	0.0071
138	2.5996	0.0070
139	2.6066	0.0070
140	2.6136	0.0070
141	2.6205	0.0069
142	2.6274	0.0069
143	2.6343	0.0069
144	2.6411	0.0069
145	2.6480	0.0068
146	2.6548	0.0068
147	2.6615	0.0068
148	2.6683	0.0067
149	2.6750	0.0067
150	2.6816	0.0067
151	2.6883	0.0067
152	2.6949	0.0066
153	2.7015	0.0066
154	2.7081	0.0066
155	2.7146	0.0065
156	2.7211	0.0065
157	2.7276	0.0065
158	2.7341	0.0065
159	2.7405	0.0064
160	2.7469	0.0064
161	2.7533	0.0064
162	2.7597	0.0064
163	2.7660	0.0063
164	2.7723	0.0063
165	2.7786	0.0063
166	2.7849	0.0063
167	2.7911	0.0062
168	2.7974	0.0062
169	2.8035	0.0062
170	2.8097	0.0062
171	2.8159	0.0061
172	2.8220	0.0061
173	2.8281	0.0061
174	2.8342	0.0061
175	2.8402	0.0061
176	2.8463	0.0060

177	2.8523	0.0060
178	2.8583	0.0060
179	2.8643	0.0060
180	2.8702	0.0060
181	2.8762	0.0059
182	2.8821	0.0059
183	2.8880	0.0059
184	2.8938	0.0059
185	2.8997	0.0059
186	2.9055	0.0058
187	2.9113	0.0058
188	2.9171	0.0058
189	2.9229	0.0058
190	2.9287	0.0058
191	2.9344	0.0057
192	2.9401	0.0057
193	2.9458	0.0057
194	2.9515	0.0057
195	2.9572	0.0057
196	2.9628	0.0056
197	2.9684	0.0056
198	2.9740	0.0056
199	2.9796	0.0056
200	2.9852	0.0056
201	2.9908	0.0056
202	2.9963	0.0055
203	3.0018	0.0055
204	3.0073	0.0055
205	3.0128	0.0055
206	3.0183	0.0055
207	3.0237	0.0055
208	3.0292	0.0054
209	3.0346	0.0054
210	3.0400	0.0054
211	3.0454	0.0054
212	3.0507	0.0054
213	3.0561	0.0054
214	3.0614	0.0053
215	3.0668	0.0053
216	3.0721	0.0053
217	3.0774	0.0053
218	3.0827	0.0053
219	3.0879	0.0053
220	3.0932	0.0052
221	3.0984	0.0052
222	3.1036	0.0052
223	3.1088	0.0052
224	3.1140	0.0052
225	3.1192	0.0052
226	3.1243	0.0052

227	3.1295	0.0051
228	3.1346	0.0051
229	3.1397	0.0051
230	3.1448	0.0051
231	3.1499	0.0051
232	3.1550	0.0051
233	3.1601	0.0051
234	3.1651	0.0050
235	3.1702	0.0050
236	3.1752	0.0050
237	3.1802	0.0050
238	3.1852	0.0050
239	3.1902	0.0050
240	3.1951	0.0050
241	3.2001	0.0050
242	3.2050	0.0049
243	3.2100	0.0049
244	3.2149	0.0049
245	3.2198	0.0049
246	3.2247	0.0049
247	3.2296	0.0049
248	3.2344	0.0049
249	3.2393	0.0049
250	3.2441	0.0048
251	3.2490	0.0048
252	3.2538	0.0048
253	3.2586	0.0048
254	3.2634	0.0048
255	3.2682	0.0048
256	3.2729	0.0048
257	3.2777	0.0048
258	3.2824	0.0047
259	3.2872	0.0047
260	3.2919	0.0047
261	3.2966	0.0047
262	3.3013	0.0047
263	3.3060	0.0047
264	3.3107	0.0047
265	3.3154	0.0047
266	3.3200	0.0047
267	3.3247	0.0046
268	3.3293	0.0046
269	3.3339	0.0046
270	3.3385	0.0046
271	3.3431	0.0046
272	3.3477	0.0046
273	3.3523	0.0046
274	3.3569	0.0046
275	3.3615	0.0046
276	3.3660	0.0046

277	3.3705	0.0045
278	3.3751	0.0045
279	3.3796	0.0045
280	3.3841	0.0045
281	3.3886	0.0045
282	3.3931	0.0045
283	3.3976	0.0045
284	3.4021	0.0045
285	3.4065	0.0045
286	3.4110	0.0045
287	3.4154	0.0044
288	3.4198	0.0044

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0005	0.0040
2	0.0044	0.0005	0.0040
3	0.0045	0.0005	0.0040
4	0.0045	0.0005	0.0040
5	0.0045	0.0005	0.0040
6	0.0045	0.0005	0.0040
7	0.0045	0.0005	0.0041
8	0.0045	0.0005	0.0041
9	0.0046	0.0005	0.0041
10	0.0046	0.0005	0.0041
11	0.0046	0.0005	0.0041
12	0.0046	0.0005	0.0041
13	0.0046	0.0005	0.0041
14	0.0046	0.0005	0.0042
15	0.0046	0.0005	0.0042
16	0.0047	0.0005	0.0042
17	0.0047	0.0005	0.0042
18	0.0047	0.0005	0.0042
19	0.0047	0.0005	0.0042
20	0.0047	0.0005	0.0042
21	0.0047	0.0005	0.0043
22	0.0048	0.0005	0.0043
23	0.0048	0.0005	0.0043
24	0.0048	0.0005	0.0043
25	0.0048	0.0005	0.0043
26	0.0048	0.0005	0.0043
27	0.0049	0.0005	0.0044
28	0.0049	0.0005	0.0044
29	0.0049	0.0005	0.0044
30	0.0049	0.0005	0.0044
31	0.0049	0.0005	0.0044
32	0.0049	0.0005	0.0044
33	0.0050	0.0005	0.0045

34	0.0050	0.0005	0.0045
35	0.0050	0.0005	0.0045
36	0.0050	0.0005	0.0045
37	0.0050	0.0005	0.0045
38	0.0051	0.0005	0.0045
39	0.0051	0.0005	0.0046
40	0.0051	0.0005	0.0046
41	0.0051	0.0005	0.0046
42	0.0051	0.0005	0.0046
43	0.0052	0.0005	0.0046
44	0.0052	0.0005	0.0047
45	0.0052	0.0005	0.0047
46	0.0052	0.0005	0.0047
47	0.0053	0.0005	0.0047
48	0.0053	0.0005	0.0047
49	0.0053	0.0005	0.0048
50	0.0053	0.0005	0.0048
51	0.0054	0.0005	0.0048
52	0.0054	0.0005	0.0048
53	0.0054	0.0005	0.0049
54	0.0054	0.0006	0.0049
55	0.0055	0.0006	0.0049
56	0.0055	0.0006	0.0049
57	0.0055	0.0006	0.0049
58	0.0055	0.0006	0.0050
59	0.0056	0.0006	0.0050
60	0.0056	0.0006	0.0050
61	0.0056	0.0006	0.0050
62	0.0056	0.0006	0.0051
63	0.0057	0.0006	0.0051
64	0.0057	0.0006	0.0051
65	0.0057	0.0006	0.0051
66	0.0057	0.0006	0.0052
67	0.0058	0.0006	0.0052
68	0.0058	0.0006	0.0052
69	0.0058	0.0006	0.0052
70	0.0059	0.0006	0.0053
71	0.0059	0.0006	0.0053
72	0.0059	0.0006	0.0053
73	0.0060	0.0006	0.0053
74	0.0060	0.0006	0.0054
75	0.0060	0.0006	0.0054
76	0.0060	0.0006	0.0054
77	0.0061	0.0006	0.0055
78	0.0061	0.0006	0.0055
79	0.0061	0.0006	0.0055
80	0.0062	0.0006	0.0055
81	0.0062	0.0006	0.0056
82	0.0062	0.0006	0.0056
83	0.0063	0.0006	0.0057

84	0.0063	0.0006	0.0057
85	0.0064	0.0006	0.0057
86	0.0064	0.0006	0.0057
87	0.0064	0.0007	0.0058
88	0.0065	0.0007	0.0058
89	0.0065	0.0007	0.0059
90	0.0065	0.0007	0.0059
91	0.0066	0.0007	0.0059
92	0.0066	0.0007	0.0059
93	0.0067	0.0007	0.0060
94	0.0067	0.0007	0.0060
95	0.0068	0.0007	0.0061
96	0.0068	0.0007	0.0061
97	0.0069	0.0007	0.0062
98	0.0069	0.0007	0.0062
99	0.0069	0.0007	0.0062
100	0.0070	0.0007	0.0063
101	0.0070	0.0007	0.0063
102	0.0071	0.0007	0.0064
103	0.0071	0.0007	0.0064
104	0.0072	0.0007	0.0064
105	0.0072	0.0007	0.0065
106	0.0073	0.0007	0.0065
107	0.0073	0.0007	0.0066
108	0.0074	0.0007	0.0066
109	0.0075	0.0008	0.0067
110	0.0075	0.0008	0.0067
111	0.0076	0.0008	0.0068
112	0.0076	0.0008	0.0068
113	0.0077	0.0008	0.0069
114	0.0077	0.0008	0.0069
115	0.0078	0.0008	0.0070
116	0.0079	0.0008	0.0071
117	0.0079	0.0008	0.0071
118	0.0080	0.0008	0.0072
119	0.0081	0.0008	0.0073
120	0.0081	0.0008	0.0073
121	0.0082	0.0008	0.0074
122	0.0083	0.0008	0.0074
123	0.0084	0.0008	0.0075
124	0.0084	0.0009	0.0076
125	0.0085	0.0009	0.0076
126	0.0086	0.0009	0.0077
127	0.0087	0.0009	0.0078
128	0.0087	0.0009	0.0078
129	0.0088	0.0009	0.0079
130	0.0089	0.0009	0.0080
131	0.0090	0.0009	0.0081
132	0.0091	0.0009	0.0082
133	0.0092	0.0009	0.0083

134	0.0093	0.0009	0.0083
135	0.0094	0.0010	0.0085
136	0.0095	0.0010	0.0085
137	0.0096	0.0010	0.0086
138	0.0097	0.0010	0.0087
139	0.0098	0.0010	0.0088
140	0.0099	0.0010	0.0089
141	0.0101	0.0010	0.0091
142	0.0102	0.0010	0.0091
143	0.0103	0.0011	0.0093
144	0.0104	0.0011	0.0094
145	0.0101	0.0010	0.0091
146	0.0102	0.0010	0.0092
147	0.0104	0.0011	0.0093
148	0.0105	0.0011	0.0094
149	0.0107	0.0011	0.0096
150	0.0108	0.0011	0.0097
151	0.0110	0.0011	0.0099
152	0.0111	0.0011	0.0100
153	0.0114	0.0012	0.0102
154	0.0115	0.0012	0.0103
155	0.0118	0.0012	0.0106
156	0.0119	0.0012	0.0107
157	0.0122	0.0012	0.0109
158	0.0123	0.0013	0.0111
159	0.0126	0.0013	0.0114
160	0.0128	0.0013	0.0115
161	0.0132	0.0013	0.0118
162	0.0133	0.0014	0.0120
163	0.0137	0.0014	0.0123
164	0.0139	0.0014	0.0125
165	0.0144	0.0015	0.0129
166	0.0146	0.0015	0.0131
167	0.0151	0.0015	0.0135
168	0.0153	0.0016	0.0138
169	0.0159	0.0016	0.0143
170	0.0162	0.0016	0.0146
171	0.0169	0.0017	0.0151
172	0.0172	0.0017	0.0155
173	0.0179	0.0018	0.0161
174	0.0183	0.0019	0.0165
175	0.0192	0.0020	0.0173
176	0.0197	0.0020	0.0177
177	0.0208	0.0021	0.0187
178	0.0214	0.0022	0.0192
179	0.0227	0.0022	0.0205
180	0.0234	0.0022	0.0212
181	0.0251	0.0022	0.0229
182	0.0261	0.0022	0.0239
183	0.0284	0.0022	0.0262

184	0.0297	0.0022	0.0275
185	0.0278	0.0022	0.0256
186	0.0296	0.0022	0.0274
187	0.0343	0.0022	0.0322
188	0.0375	0.0022	0.0353
189	0.0466	0.0022	0.0444
190	0.0537	0.0022	0.0515
191	0.0815	0.0022	0.0793
192	0.1182	0.0022	0.1161
193	0.5115	0.0022	0.5094
194	0.0641	0.0022	0.0619
195	0.0414	0.0022	0.0393
196	0.0318	0.0022	0.0296
197	0.0312	0.0022	0.0290
198	0.0272	0.0022	0.0250
199	0.0242	0.0022	0.0221
200	0.0220	0.0022	0.0198
201	0.0202	0.0021	0.0182
202	0.0188	0.0019	0.0169
203	0.0176	0.0018	0.0158
204	0.0165	0.0017	0.0149
205	0.0156	0.0016	0.0140
206	0.0148	0.0015	0.0133
207	0.0141	0.0014	0.0127
208	0.0135	0.0014	0.0122
209	0.0130	0.0013	0.0117
210	0.0125	0.0013	0.0112
211	0.0120	0.0012	0.0108
212	0.0116	0.0012	0.0104
213	0.0113	0.0011	0.0101
214	0.0109	0.0011	0.0098
215	0.0106	0.0011	0.0095
216	0.0103	0.0010	0.0092
217	0.0105	0.0011	0.0094
218	0.0103	0.0010	0.0092
219	0.0100	0.0010	0.0090
220	0.0098	0.0010	0.0088
221	0.0096	0.0010	0.0086
222	0.0093	0.0009	0.0084
223	0.0091	0.0009	0.0082
224	0.0090	0.0009	0.0081
225	0.0088	0.0009	0.0079
226	0.0086	0.0009	0.0077
227	0.0085	0.0009	0.0076
228	0.0083	0.0008	0.0075
229	0.0082	0.0008	0.0073
230	0.0080	0.0008	0.0072
231	0.0079	0.0008	0.0071
232	0.0078	0.0008	0.0070
233	0.0076	0.0008	0.0069

234	0.0075	0.0008	0.0068
235	0.0074	0.0008	0.0067
236	0.0073	0.0007	0.0066
237	0.0072	0.0007	0.0065
238	0.0071	0.0007	0.0064
239	0.0070	0.0007	0.0063
240	0.0069	0.0007	0.0062
241	0.0068	0.0007	0.0061
242	0.0067	0.0007	0.0061
243	0.0067	0.0007	0.0060
244	0.0066	0.0007	0.0059
245	0.0065	0.0007	0.0058
246	0.0064	0.0007	0.0058
247	0.0063	0.0006	0.0057
248	0.0063	0.0006	0.0056
249	0.0062	0.0006	0.0056
250	0.0061	0.0006	0.0055
251	0.0061	0.0006	0.0054
252	0.0060	0.0006	0.0054
253	0.0059	0.0006	0.0053
254	0.0059	0.0006	0.0053
255	0.0058	0.0006	0.0052
256	0.0058	0.0006	0.0052
257	0.0057	0.0006	0.0051
258	0.0056	0.0006	0.0051
259	0.0056	0.0006	0.0050
260	0.0055	0.0006	0.0050
261	0.0055	0.0006	0.0049
262	0.0054	0.0006	0.0049
263	0.0054	0.0005	0.0048
264	0.0053	0.0005	0.0048
265	0.0053	0.0005	0.0048
266	0.0052	0.0005	0.0047
267	0.0052	0.0005	0.0047
268	0.0052	0.0005	0.0046
269	0.0051	0.0005	0.0046
270	0.0051	0.0005	0.0046
271	0.0050	0.0005	0.0045
272	0.0050	0.0005	0.0045
273	0.0050	0.0005	0.0045
274	0.0049	0.0005	0.0044
275	0.0049	0.0005	0.0044
276	0.0048	0.0005	0.0044
277	0.0048	0.0005	0.0043
278	0.0048	0.0005	0.0043
279	0.0047	0.0005	0.0043
280	0.0047	0.0005	0.0042
281	0.0047	0.0005	0.0042
282	0.0046	0.0005	0.0042
283	0.0046	0.0005	0.0041

284	0.0046	0.0005	0.0041
285	0.0045	0.0005	0.0041
286	0.0045	0.0005	0.0041
287	0.0045	0.0005	0.0040
288	0.0045	0.0005	0.0040

Total soil rain loss = 0.26(In)
Total effective rainfall = 3.16(In)
Peak flow rate in flood hydrograph = 93.07(CFS)

++

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	25.0	50.0	75.0	100.0
0+ 5	0.0005	0.07	Q				
0+10	0.0044	0.57	Q				
0+15	0.0122	1.13	Q				
0+20	0.0217	1.38	Q				
0+25	0.0322	1.52	Q				
0+30	0.0433	1.62	Q				
0+35	0.0550	1.69	Q				
0+40	0.0671	1.75	Q				
0+45	0.0794	1.79	Q				
0+50	0.0920	1.83	Q				
0+55	0.1047	1.85	Q				
1+ 0	0.1176	1.87	Q				
1+ 5	0.1306	1.89	Q				
1+10	0.1437	1.91	Q				
1+15	0.1569	1.92	Q				
1+20	0.1703	1.93	Q				
1+25	0.1836	1.94	Q				
1+30	0.1970	1.95	Q				
1+35	0.2105	1.95	Q				
1+40	0.2240	1.96	Q				
1+45	0.2375	1.97	Q				
1+50	0.2511	1.97	Q				
1+55	0.2648	1.98	QV				
2+ 0	0.2785	1.99	QV				
2+ 5	0.2922	2.00	QV				
2+10	0.3060	2.00	QV				
2+15	0.3199	2.01	QV				
2+20	0.3338	2.02	QV				
2+25	0.3477	2.03	QV				
2+30	0.3617	2.03	QV				

```
2+35       0.3758      2.04  QV        |         |         |         |
2+40       0.3899      2.05  QV        |         |         |         |
2+45       0.4041      2.06  QV        |         |         |         |
2+50       0.4183      2.07  QV        |         |         |         |
2+55       0.4326      2.07  QV        |         |         |         |
3+ 0       0.4469      2.08  QV        |         |         |         |
3+ 5       0.4613      2.09  QV        |         |         |         |
3+10       0.4758      2.10  QV        |         |         |         |
3+15       0.4903      2.11  QV        |         |         |         |
3+20       0.5049      2.12  QV        |         |         |         |
3+25       0.5195      2.12  Q V       |         |         |         |
3+30       0.5342      2.13  Q V       |         |         |         |
3+35       0.5489      2.14  Q V       |         |         |         |
3+40       0.5637      2.15  Q V       |         |         |         |
3+45       0.5786      2.16  Q V       |         |         |         |
3+50       0.5935      2.17  Q V       |         |         |         |
3+55       0.6085      2.18  Q V       |         |         |         |
4+ 0       0.6236      2.19  Q V       |         |         |         |
4+ 5       0.6387      2.20  Q V       |         |         |         |
4+10       0.6539      2.20  Q V       |         |         |         |
4+15       0.6691      2.21  Q V       |         |         |         |
4+20       0.6844      2.22  Q V       |         |         |         |
4+25       0.6998      2.23  Q V       |         |         |         |
4+30       0.7153      2.24  Q V       |         |         |         |
4+35       0.7308      2.25  Q V       |         |         |         |
4+40       0.7464      2.26  Q V       |         |         |         |
4+45       0.7620      2.27  Q  V      |         |         |         |
4+50       0.7778      2.28  Q  V      |         |         |         |
4+55       0.7936      2.29  Q  V      |         |         |         |
5+ 0       0.8095      2.31  Q  V      |         |         |         |
5+ 5       0.8254      2.32  Q  V      |         |         |         |
5+10       0.8414      2.33  Q  V      |         |         |         |
5+15       0.8575      2.34  Q  V      |         |         |         |
5+20       0.8737      2.35  Q  V      |         |         |         |
5+25       0.8900      2.36  Q  V      |         |         |         |
5+30       0.9063      2.37  Q  V      |         |         |         |
5+35       0.9227      2.38  Q  V      |         |         |         |
5+40       0.9392      2.40  Q  V      |         |         |         |
5+45       0.9558      2.41  Q  V      |         |         |         |
5+50       0.9724      2.42  Q  V      |         |         |         |
5+55       0.9892      2.43  Q  V      |         |         |         |
6+ 0       1.0060      2.44  Q  V      |         |         |         |
6+ 5       1.0229      2.46  Q   V     |         |         |         |
6+10       1.0399      2.47  Q   V     |         |         |         |
6+15       1.0570      2.48  Q   V     |         |         |         |
6+20       1.0742      2.49  Q   V     |         |         |         |
6+25       1.0915      2.51  |Q  V     |         |         |         |
6+30       1.1088      2.52  |Q  V     |         |         |         |
6+35       1.1263      2.53  |Q  V     |         |         |         |
6+40       1.1438      2.55  |Q  V     |         |         |         |
```

6+45	1.1615	2.56	Q V	|	|	|
6+50	1.1792	2.58	Q V	|	|	|
6+55	1.1970	2.59	Q V	|	|	|
7+ 0	1.2150	2.60	Q V	|	|	|
7+ 5	1.2330	2.62	Q V	|	|	|
7+10	1.2512	2.63	Q V	|	|	|
7+15	1.2694	2.65	Q V	|	|	|
7+20	1.2878	2.67	Q V	|	|	|
7+25	1.3062	2.68	Q V	|	|	|
7+30	1.3248	2.70	Q V	|	|	|
7+35	1.3435	2.71	Q V	|	|	|
7+40	1.3623	2.73	Q V	|	|	|
7+45	1.3812	2.75	Q V	|	|	|
7+50	1.4002	2.76	Q V	|	|	|
7+55	1.4194	2.78	Q V	|	|	|
8+ 0	1.4386	2.80	Q V	|	|	|
8+ 5	1.4580	2.81	Q V	|	|	|
8+10	1.4775	2.83	Q V	|	|	|
8+15	1.4972	2.85	Q V	|	|	|
8+20	1.5169	2.87	Q V	|	|	|
8+25	1.5368	2.89	Q V	|	|	|
8+30	1.5569	2.91	Q V	|	|	|
8+35	1.5770	2.93	Q V	|	|	|
8+40	1.5973	2.95	Q V	|	|	|
8+45	1.6178	2.97	Q V	|	|	|
8+50	1.6384	2.99	Q V	|	|	|
8+55	1.6591	3.01	Q V	|	|	|
9+ 0	1.6800	3.03	Q V	|	|	|
9+ 5	1.7010	3.05	Q V	|	|	|
9+10	1.7222	3.08	Q V	|	|	|
9+15	1.7435	3.10	Q V	|	|	|
9+20	1.7650	3.12	Q V	|	|	|
9+25	1.7867	3.15	Q V	|	|	|
9+30	1.8085	3.17	Q V	|	|	|
9+35	1.8305	3.19	Q V	|	|	|
9+40	1.8527	3.22	Q V	|	|	|
9+45	1.8750	3.24	Q V	|	|	|
9+50	1.8975	3.27	Q V	|	|	|
9+55	1.9203	3.30	Q V	|	|	|
10+ 0	1.9432	3.32	Q V	|	|	|
10+ 5	1.9662	3.35	Q V	|	|	|
10+10	1.9895	3.38	Q V	|	|	|
10+15	2.0130	3.41	Q V	|	|	|
10+20	2.0367	3.44	Q V	|	|	|
10+25	2.0606	3.47	Q V	|	|	|
10+30	2.0847	3.50	Q V	|	|	|
10+35	2.1091	3.53	Q V	|	|	|
10+40	2.1336	3.57	Q V	|	|	|
10+45	2.1584	3.60	Q V	|	|	|
10+50	2.1835	3.63	Q V	|	|	|

10+55	2.2087	3.67	Q	V			
11+ 0	2.2342	3.71	Q	V			
11+ 5	2.2600	3.74	Q	V			
11+10	2.2860	3.78	Q	V			
11+15	2.3124	3.82	Q	V			
11+20	2.3389	3.86	Q	V			
11+25	2.3658	3.90	Q	V			
11+30	2.3929	3.94	Q	V			
11+35	2.4204	3.99	Q	V			
11+40	2.4482	4.03	Q	V			
11+45	2.4762	4.08	Q	V			
11+50	2.5047	4.13	Q	V			
11+55	2.5334	4.17	Q	V			
12+ 0	2.5625	4.22	Q	V			
12+ 5	2.5919	4.27	Q	V			
12+10	2.6213	4.27	Q	V			
12+15	2.6506	4.26	Q	V			
12+20	2.6801	4.29	Q	V			
12+25	2.7100	4.33	Q	V			
12+30	2.7401	4.38	Q	V			
12+35	2.7707	4.44	Q	V			
12+40	2.8016	4.50	Q	V			
12+45	2.8330	4.56	Q	V			
12+50	2.8649	4.63	Q	V			
12+55	2.8972	4.70	Q	V			
13+ 0	2.9301	4.77	Q	V			
13+ 5	2.9635	4.85	Q	V			
13+10	2.9975	4.93	Q	V			
13+15	3.0320	5.02	Q	V			
13+20	3.0672	5.11	Q	V			
13+25	3.1030	5.20	Q	V			
13+30	3.1395	5.30	Q	V			
13+35	3.1768	5.41	Q	V			
13+40	3.2148	5.52	Q	V			
13+45	3.2536	5.63	Q	V			
13+50	3.2932	5.76	Q	V			
13+55	3.3337	5.88	Q	V			
14+ 0	3.3752	6.02	Q	V			
14+ 5	3.4177	6.17	Q	V			
14+10	3.4613	6.33	Q	V			
14+15	3.5061	6.50	Q	V			
14+20	3.5521	6.68	Q	V			
14+25	3.5994	6.88	Q	V			
14+30	3.6482	7.08	Q	V			
14+35	3.6985	7.30	Q	V			
14+40	3.7505	7.55	Q	V			
14+45	3.8043	7.81	Q	V			
14+50	3.8601	8.10	Q	V			
14+55	3.9180	8.41	Q	V			
15+ 0	3.9785	8.79	Q	V			

15+ 5	4.0419	9.20	Q	V			
15+10	4.1086	9.69	Q	V			
15+15	4.1791	10.23	Q	V			
15+20	4.2540	10.87	Q	V			
15+25	4.3333	11.51	Q	V			
15+30	4.4142	11.76	Q	V			
15+35	4.4973	12.05	Q	V			
15+40	4.5868	13.00	Q	V			
15+45	4.6859	14.39	Q	V			
15+50	4.7995	16.49	Q	V			
15+55	4.9344	19.60	Q	V			
16+ 0	5.1105	25.56	Q	V			
16+ 5	5.4016	42.27	Q	V			
16+10	6.0235	90.31	V	Q			
16+15	6.6645	93.07	V	Q			
16+20	7.0357	53.90	Q	V			
16+25	7.2947	37.60	Q	V			
16+30	7.4963	29.27	Q	V			
16+35	7.6606	23.85	Q	V			
16+40	7.7976	19.90	Q	V			
16+45	7.9144	16.96	Q	V			
16+50	8.0151	14.62	Q	V			
16+55	8.1022	12.65	Q	V			
17+ 0	8.1775	10.93	Q	V			
17+ 5	8.2458	9.91	Q	V			
17+10	8.3101	9.34	Q	V			
17+15	8.3682	8.43	Q	V			
17+20	8.4206	7.61	Q	V			
17+25	8.4652	6.48	Q	V			
17+30	8.5074	6.11	Q	V			
17+35	8.5474	5.82	Q	V			
17+40	8.5857	5.56	Q	V			
17+45	8.6224	5.33	Q	V			
17+50	8.6577	5.12	Q	V			
17+55	8.6917	4.94	Q	V			
18+ 0	8.7245	4.77	Q	V			
18+ 5	8.7564	4.62	Q	V			
18+10	8.7876	4.54	Q	V			
18+15	8.8184	4.47	Q	V			
18+20	8.8486	4.38	Q	V			
18+25	8.8781	4.28	Q	V			
18+30	8.9069	4.19	Q	V			
18+35	8.9351	4.09	Q	V			
18+40	8.9627	4.00	Q	V			
18+45	8.9897	3.92	Q	V			
18+50	9.0161	3.84	Q	V			
18+55	9.0420	3.76	Q	V			
19+ 0	9.0675	3.69	Q	V			
19+ 5	9.0924	3.62	Q	V			
19+10	9.1169	3.55	Q	V			

19+15	9.1409	3.49	|Q	|	|	|	V |
19+20	9.1645	3.43	|Q	|	|	|	V |
19+25	9.1877	3.37	|Q	|	|	|	V |
19+30	9.2106	3.31	|Q	|	|	|	V |
19+35	9.2330	3.26	|Q	|	|	|	V |
19+40	9.2551	3.21	|Q	|	|	|	V |
19+45	9.2769	3.16	|Q	|	|	|	V |
19+50	9.2983	3.11	|Q	|	|	|	V |
19+55	9.3195	3.07	|Q	|	|	|	V |
20+ 0	9.3403	3.02	|Q	|	|	|	V |
20+ 5	9.3608	2.98	|Q	|	|	|	V |
20+10	9.3811	2.94	|Q	|	|	|	V |
20+15	9.4010	2.90	|Q	|	|	|	V |
20+20	9.4207	2.86	|Q	|	|	|	V |
20+25	9.4402	2.83	|Q	|	|	|	V |
20+30	9.4594	2.79	|Q	|	|	|	V |
20+35	9.4784	2.76	|Q	|	|	|	V |
20+40	9.4971	2.72	|Q	|	|	|	V |
20+45	9.5157	2.69	|Q	|	|	|	V |
20+50	9.5340	2.66	|Q	|	|	|	V |
20+55	9.5521	2.63	|Q	|	|	|	V |
21+ 0	9.5700	2.60	|Q	|	|	|	V |
21+ 5	9.5876	2.57	|Q	|	|	|	V |
21+10	9.6052	2.54	|Q	|	|	|	V |
21+15	9.6225	2.51	|Q	|	|	|	V |
21+20	9.6396	2.49	Q	|	|	|	V |
21+25	9.6566	2.46	Q	|	|	|	V |
21+30	9.6734	2.44	Q	|	|	|	V |
21+35	9.6900	2.41	Q	|	|	|	V |
21+40	9.7064	2.39	Q	|	|	|	V |
21+45	9.7227	2.37	Q	|	|	|	V |
21+50	9.7389	2.34	Q	|	|	|	V |
21+55	9.7549	2.32	Q	|	|	|	V |
22+ 0	9.7707	2.30	Q	|	|	|	V |
22+ 5	9.7864	2.28	Q	|	|	|	V |
22+10	9.8019	2.26	Q	|	|	|	V |
22+15	9.8174	2.24	Q	|	|	|	V |
22+20	9.8327	2.22	Q	|	|	|	V |
22+25	9.8478	2.20	Q	|	|	|	V |
22+30	9.8628	2.18	Q	|	|	|	V |
22+35	9.8777	2.16	Q	|	|	|	V |
22+40	9.8925	2.15	Q	|	|	|	V |
22+45	9.9072	2.13	Q	|	|	|	V|
22+50	9.9217	2.11	Q	|	|	|	V|
22+55	9.9361	2.09	Q	|	|	|	V|
23+ 0	9.9504	2.08	Q	|	|	|	V|
23+ 5	9.9646	2.06	Q	|	|	|	V|
23+10	9.9787	2.05	Q	|	|	|	V|
23+15	9.9927	2.03	Q	|	|	|	V|
23+20	10.0066	2.01	Q	|	|	|	V|

```
   23+25      10.0203      2.00  Q         |         |         |         V|
   23+30      10.0340      1.99  Q         |         |         |         V|
   23+35      10.0476      1.97  Q         |         |         |         V|
   23+40      10.0611      1.96  Q         |         |         |         V|
   23+45      10.0744      1.94  Q         |         |         |         V|
   23+50      10.0877      1.93  Q         |         |         |         V|
   23+55      10.1009      1.92  Q         |         |         |         V|
   24+ 0      10.1140      1.90  Q         |         |         |         V|
-------------------------------------------------------------------------
```

U n i t H y d r o g r a p h A n a l y s i s

Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014, Version 9.0

Study date 08/08/22

++

San Bernardino County Synthetic Unit Hydrology Method
Manual date - August 1986

Program License Serial Number 6385

IEN
Area D
100-year Developed

Storm Event Year = 100

Antecedent Moisture Condition = 3

English (in-lb) Input Units Used

English Rainfall Data (Inches) Input Values Used

English Units used in output format

Area averaged rainfall intensity isohyetal data:

Sub-Area (Ac.)	Duration (hours)	Isohyetal (In)
Rainfall data for year 100		
37.56	1	1.08
Rainfall data for year 100		
37.56	6	2.04
Rainfall data for year 100		
37.56	24	3.42

++

******** Area-averaged max loss rate, Fm ********

SCS curve No.(AMCII)	SCS curve NO.(AMC 3)	Area (Ac.)	Area Fraction	Fp(Fig C6) (In/Hr)	Ap (dec.)	Fm (In/Hr)
69.0	86.2	37.56	1.000	0.262	0.100	0.026

Area-averaged adjusted loss rate Fm (In/Hr) = 0.026

********* Area-Averaged low loss rate fraction, Yb **********

Area (Ac.)	Area Fract	SCS CN (AMC2)	SCS CN (AMC3)	S	Pervious Yield Fr
3.76	0.100	69.0	86.2	1.60	0.598
33.80	0.900	98.0	98.0	0.20	0.932

Area-averaged catchment yield fraction, Y = 0.898
Area-averaged low loss fraction, Yb = 0.102
User entry of time of concentration = 0.180 (hours)
++
Watershed area = 37.56(Ac.)
Catchment Lag time = 0.144 hours
Unit interval = 5.000 minutes
Unit interval percentage of lag time = 57.8704
Hydrograph baseflow = 0.00(CFS)
Average maximum watershed loss rate(Fm) = 0.026(In/Hr)
Average low loss rate fraction (Yb) = 0.102 (decimal)
DESERT S-Graph Selected
Computed peak 5-minute rainfall = 0.512(In)
Computed peak 30-minute rainfall = 0.877(In)
Specified peak 1-hour rainfall = 1.080(In)
Computed peak 3-hour rainfall = 1.595(In)
Specified peak 6-hour rainfall = 2.040(In)
Specified peak 24-hour rainfall = 3.420(In)

Rainfall depth area reduction factors:
Using a total area of 37.56(Ac.) (Ref: fig. E-4)

5-minute factor = 0.998 Adjusted rainfall = 0.512(In)
30-minute factor = 0.998 Adjusted rainfall = 0.876(In)
1-hour factor = 0.998 Adjusted rainfall = 1.078(In)
3-hour factor = 1.000 Adjusted rainfall = 1.595(In)
6-hour factor = 1.000 Adjusted rainfall = 2.040(In)
24-hour factor = 1.000 Adjusted rainfall = 3.420(In)

U n i t H y d r o g r a p h
++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
	(K = 454.24 (CFS))	
1	5.194	23.594
2	39.293	154.892
3	66.686	124.432
4	78.397	53.194
5	85.236	31.065
6	89.761	20.553
7	92.821	13.904
8	95.045	10.102
9	96.659	7.332
10	97.739	4.904
11	98.400	3.001
12	99.086	3.119
13	99.645	2.537
14	100.000	1.614

Peak Unit Number	Adjusted mass rainfall (In)	Unit rainfall (In)
1	0.5116	0.5116
2	0.6298	0.1182
3	0.7113	0.0815
4	0.7754	0.0641
5	0.8291	0.0537
6	0.8757	0.0466
7	0.9171	0.0414
8	0.9546	0.0375
9	0.9890	0.0343
10	1.0207	0.0318
11	1.0503	0.0296
12	1.0781	0.0278
13	1.1093	0.0312
14	1.1390	0.0297
15	1.1673	0.0283
16	1.1945	0.0272
17	1.2206	0.0261
18	1.2457	0.0251
19	1.2699	0.0242
20	1.2933	0.0234
21	1.3160	0.0227
22	1.3380	0.0220
23	1.3594	0.0214
24	1.3802	0.0208
25	1.4004	0.0202
26	1.4201	0.0197
27	1.4393	0.0192
28	1.4581	0.0188

29	1.4765	0.0183
30	1.4944	0.0179
31	1.5120	0.0176
32	1.5292	0.0172
33	1.5460	0.0169
34	1.5626	0.0165
35	1.5788	0.0162
36	1.5947	0.0159
37	1.6103	0.0156
38	1.6256	0.0153
39	1.6407	0.0151
40	1.6555	0.0148
41	1.6701	0.0146
42	1.6844	0.0144
43	1.6986	0.0141
44	1.7125	0.0139
45	1.7262	0.0137
46	1.7397	0.0135
47	1.7531	0.0133
48	1.7662	0.0132
49	1.7792	0.0130
50	1.7920	0.0128
51	1.8047	0.0126
52	1.8172	0.0125
53	1.8295	0.0123
54	1.8417	0.0122
55	1.8537	0.0120
56	1.8656	0.0119
57	1.8774	0.0118
58	1.8890	0.0116
59	1.9005	0.0115
60	1.9119	0.0114
61	1.9231	0.0113
62	1.9343	0.0111
63	1.9453	0.0110
64	1.9562	0.0109
65	1.9670	0.0108
66	1.9777	0.0107
67	1.9883	0.0106
68	1.9988	0.0105
69	2.0092	0.0104
70	2.0195	0.0103
71	2.0297	0.0102
72	2.0398	0.0101
73	2.0503	0.0105
74	2.0607	0.0104
75	2.0710	0.0103
76	2.0813	0.0103
77	2.0915	0.0102
78	2.1015	0.0101

79	2.1115	0.0100
80	2.1215	0.0099
81	2.1313	0.0098
82	2.1411	0.0098
83	2.1508	0.0097
84	2.1604	0.0096
85	2.1700	0.0096
86	2.1794	0.0095
87	2.1888	0.0094
88	2.1982	0.0093
89	2.2075	0.0093
90	2.2167	0.0092
91	2.2258	0.0091
92	2.2349	0.0091
93	2.2439	0.0090
94	2.2529	0.0090
95	2.2618	0.0089
96	2.2707	0.0088
97	2.2794	0.0088
98	2.2882	0.0087
99	2.2969	0.0087
100	2.3055	0.0086
101	2.3140	0.0086
102	2.3226	0.0085
103	2.3310	0.0085
104	2.3394	0.0084
105	2.3478	0.0084
106	2.3561	0.0083
107	2.3644	0.0083
108	2.3726	0.0082
109	2.3807	0.0082
110	2.3889	0.0081
111	2.3969	0.0081
112	2.4050	0.0080
113	2.4129	0.0080
114	2.4209	0.0079
115	2.4288	0.0079
116	2.4366	0.0079
117	2.4444	0.0078
118	2.4522	0.0078
119	2.4599	0.0077
120	2.4676	0.0077
121	2.4753	0.0076
122	2.4829	0.0076
123	2.4904	0.0076
124	2.4980	0.0075
125	2.5054	0.0075
126	2.5129	0.0075
127	2.5203	0.0074
128	2.5277	0.0074

129	2.5350	0.0073
130	2.5423	0.0073
131	2.5496	0.0073
132	2.5569	0.0072
133	2.5641	0.0072
134	2.5712	0.0072
135	2.5784	0.0071
136	2.5855	0.0071
137	2.5925	0.0071
138	2.5996	0.0070
139	2.6066	0.0070
140	2.6136	0.0070
141	2.6205	0.0069
142	2.6274	0.0069
143	2.6343	0.0069
144	2.6411	0.0069
145	2.6480	0.0068
146	2.6548	0.0068
147	2.6615	0.0068
148	2.6683	0.0067
149	2.6750	0.0067
150	2.6816	0.0067
151	2.6883	0.0067
152	2.6949	0.0066
153	2.7015	0.0066
154	2.7081	0.0066
155	2.7146	0.0065
156	2.7211	0.0065
157	2.7276	0.0065
158	2.7341	0.0065
159	2.7405	0.0064
160	2.7469	0.0064
161	2.7533	0.0064
162	2.7597	0.0064
163	2.7660	0.0063
164	2.7723	0.0063
165	2.7786	0.0063
166	2.7849	0.0063
167	2.7911	0.0062
168	2.7974	0.0062
169	2.8036	0.0062
170	2.8097	0.0062
171	2.8159	0.0061
172	2.8220	0.0061
173	2.8281	0.0061
174	2.8342	0.0061
175	2.8402	0.0061
176	2.8463	0.0060
177	2.8523	0.0060
178	2.8583	0.0060

179	2.8643	0.0060
180	2.8702	0.0060
181	2.8762	0.0059
182	2.8821	0.0059
183	2.8880	0.0059
184	2.8938	0.0059
185	2.8997	0.0059
186	2.9055	0.0058
187	2.9113	0.0058
188	2.9171	0.0058
189	2.9229	0.0058
190	2.9287	0.0058
191	2.9344	0.0057
192	2.9401	0.0057
193	2.9458	0.0057
194	2.9515	0.0057
195	2.9572	0.0057
196	2.9628	0.0056
197	2.9684	0.0056
198	2.9740	0.0056
199	2.9796	0.0056
200	2.9852	0.0056
201	2.9908	0.0056
202	2.9963	0.0055
203	3.0018	0.0055
204	3.0073	0.0055
205	3.0128	0.0055
206	3.0183	0.0055
207	3.0237	0.0055
208	3.0292	0.0054
209	3.0346	0.0054
210	3.0400	0.0054
211	3.0454	0.0054
212	3.0508	0.0054
213	3.0561	0.0054
214	3.0614	0.0053
215	3.0668	0.0053
216	3.0721	0.0053
217	3.0774	0.0053
218	3.0827	0.0053
219	3.0879	0.0053
220	3.0932	0.0052
221	3.0984	0.0052
222	3.1036	0.0052
223	3.1088	0.0052
224	3.1140	0.0052
225	3.1192	0.0052
226	3.1243	0.0052
227	3.1295	0.0051
228	3.1346	0.0051

229	3.1397	0.0051
230	3.1448	0.0051
231	3.1499	0.0051
232	3.1550	0.0051
233	3.1601	0.0051
234	3.1651	0.0050
235	3.1702	0.0050
236	3.1752	0.0050
237	3.1802	0.0050
238	3.1852	0.0050
239	3.1902	0.0050
240	3.1951	0.0050
241	3.2001	0.0050
242	3.2050	0.0049
243	3.2100	0.0049
244	3.2149	0.0049
245	3.2198	0.0049
246	3.2247	0.0049
247	3.2296	0.0049
248	3.2344	0.0049
249	3.2393	0.0049
250	3.2441	0.0048
251	3.2490	0.0048
252	3.2538	0.0048
253	3.2586	0.0048
254	3.2634	0.0048
255	3.2682	0.0048
256	3.2729	0.0048
257	3.2777	0.0048
258	3.2824	0.0047
259	3.2872	0.0047
260	3.2919	0.0047
261	3.2966	0.0047
262	3.3013	0.0047
263	3.3060	0.0047
264	3.3107	0.0047
265	3.3154	0.0047
266	3.3200	0.0047
267	3.3247	0.0046
268	3.3293	0.0046
269	3.3339	0.0046
270	3.3385	0.0046
271	3.3432	0.0046
272	3.3477	0.0046
273	3.3523	0.0046
274	3.3569	0.0046
275	3.3615	0.0046
276	3.3660	0.0046
277	3.3706	0.0045
278	3.3751	0.0045

279	3.3796	0.0045
280	3.3841	0.0045
281	3.3886	0.0045
282	3.3931	0.0045
283	3.3976	0.0045
284	3.4021	0.0045
285	3.4065	0.0045
286	3.4110	0.0045
287	3.4154	0.0044
288	3.4198	0.0044

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0044	0.0005	0.0040
2	0.0044	0.0005	0.0040
3	0.0045	0.0005	0.0040
4	0.0045	0.0005	0.0040
5	0.0045	0.0005	0.0040
6	0.0045	0.0005	0.0040
7	0.0045	0.0005	0.0041
8	0.0045	0.0005	0.0041
9	0.0046	0.0005	0.0041
10	0.0046	0.0005	0.0041
11	0.0046	0.0005	0.0041
12	0.0046	0.0005	0.0041
13	0.0046	0.0005	0.0041
14	0.0046	0.0005	0.0042
15	0.0046	0.0005	0.0042
16	0.0047	0.0005	0.0042
17	0.0047	0.0005	0.0042
18	0.0047	0.0005	0.0042
19	0.0047	0.0005	0.0042
20	0.0047	0.0005	0.0042
21	0.0047	0.0005	0.0043
22	0.0048	0.0005	0.0043
23	0.0048	0.0005	0.0043
24	0.0048	0.0005	0.0043
25	0.0048	0.0005	0.0043
26	0.0048	0.0005	0.0043
27	0.0049	0.0005	0.0044
28	0.0049	0.0005	0.0044
29	0.0049	0.0005	0.0044
30	0.0049	0.0005	0.0044
31	0.0049	0.0005	0.0044
32	0.0049	0.0005	0.0044
33	0.0050	0.0005	0.0045
34	0.0050	0.0005	0.0045
35	0.0050	0.0005	0.0045

36	0.0050	0.0005	0.0045
37	0.0050	0.0005	0.0045
38	0.0051	0.0005	0.0045
39	0.0051	0.0005	0.0046
40	0.0051	0.0005	0.0046
41	0.0051	0.0005	0.0046
42	0.0051	0.0005	0.0046
43	0.0052	0.0005	0.0046
44	0.0052	0.0005	0.0047
45	0.0052	0.0005	0.0047
46	0.0052	0.0005	0.0047
47	0.0053	0.0005	0.0047
48	0.0053	0.0005	0.0047
49	0.0053	0.0005	0.0048
50	0.0053	0.0005	0.0048
51	0.0054	0.0005	0.0048
52	0.0054	0.0005	0.0048
53	0.0054	0.0005	0.0049
54	0.0054	0.0006	0.0049
55	0.0055	0.0006	0.0049
56	0.0055	0.0006	0.0049
57	0.0055	0.0006	0.0049
58	0.0055	0.0006	0.0050
59	0.0056	0.0006	0.0050
60	0.0056	0.0006	0.0050
61	0.0056	0.0006	0.0050
62	0.0056	0.0006	0.0051
63	0.0057	0.0006	0.0051
64	0.0057	0.0006	0.0051
65	0.0057	0.0006	0.0051
66	0.0057	0.0006	0.0052
67	0.0058	0.0006	0.0052
68	0.0058	0.0006	0.0052
69	0.0058	0.0006	0.0052
70	0.0059	0.0006	0.0053
71	0.0059	0.0006	0.0053
72	0.0059	0.0006	0.0053
73	0.0060	0.0006	0.0053
74	0.0060	0.0006	0.0054
75	0.0060	0.0006	0.0054
76	0.0060	0.0006	0.0054
77	0.0061	0.0006	0.0055
78	0.0061	0.0006	0.0055
79	0.0061	0.0006	0.0055
80	0.0062	0.0006	0.0055
81	0.0062	0.0006	0.0056
82	0.0062	0.0006	0.0056
83	0.0063	0.0006	0.0057
84	0.0063	0.0006	0.0057
85	0.0064	0.0006	0.0057

86	0.0064	0.0006	0.0057
87	0.0064	0.0007	0.0058
88	0.0065	0.0007	0.0058
89	0.0065	0.0007	0.0059
90	0.0065	0.0007	0.0059
91	0.0066	0.0007	0.0059
92	0.0066	0.0007	0.0059
93	0.0067	0.0007	0.0060
94	0.0067	0.0007	0.0060
95	0.0068	0.0007	0.0061
96	0.0068	0.0007	0.0061
97	0.0069	0.0007	0.0062
98	0.0069	0.0007	0.0062
99	0.0069	0.0007	0.0062
100	0.0070	0.0007	0.0063
101	0.0070	0.0007	0.0063
102	0.0071	0.0007	0.0064
103	0.0071	0.0007	0.0064
104	0.0072	0.0007	0.0064
105	0.0072	0.0007	0.0065
106	0.0073	0.0007	0.0065
107	0.0073	0.0007	0.0066
108	0.0074	0.0007	0.0066
109	0.0075	0.0008	0.0067
110	0.0075	0.0008	0.0067
111	0.0076	0.0008	0.0068
112	0.0076	0.0008	0.0068
113	0.0077	0.0008	0.0069
114	0.0077	0.0008	0.0069
115	0.0078	0.0008	0.0070
116	0.0079	0.0008	0.0071
117	0.0079	0.0008	0.0071
118	0.0080	0.0008	0.0072
119	0.0081	0.0008	0.0073
120	0.0081	0.0008	0.0073
121	0.0082	0.0008	0.0074
122	0.0083	0.0008	0.0074
123	0.0084	0.0008	0.0075
124	0.0084	0.0009	0.0076
125	0.0085	0.0009	0.0076
126	0.0086	0.0009	0.0077
127	0.0087	0.0009	0.0078
128	0.0087	0.0009	0.0078
129	0.0088	0.0009	0.0079
130	0.0089	0.0009	0.0080
131	0.0090	0.0009	0.0081
132	0.0091	0.0009	0.0082
133	0.0092	0.0009	0.0083
134	0.0093	0.0009	0.0083
135	0.0094	0.0010	0.0085

136	0.0095	0.0010	0.0085
137	0.0096	0.0010	0.0086
138	0.0097	0.0010	0.0087
139	0.0098	0.0010	0.0088
140	0.0099	0.0010	0.0089
141	0.0101	0.0010	0.0091
142	0.0102	0.0010	0.0091
143	0.0103	0.0011	0.0093
144	0.0104	0.0011	0.0094
145	0.0101	0.0010	0.0091
146	0.0102	0.0010	0.0092
147	0.0104	0.0011	0.0093
148	0.0105	0.0011	0.0094
149	0.0107	0.0011	0.0096
150	0.0108	0.0011	0.0097
151	0.0110	0.0011	0.0099
152	0.0111	0.0011	0.0100
153	0.0114	0.0012	0.0102
154	0.0115	0.0012	0.0103
155	0.0118	0.0012	0.0106
156	0.0119	0.0012	0.0107
157	0.0122	0.0012	0.0109
158	0.0123	0.0013	0.0111
159	0.0126	0.0013	0.0114
160	0.0128	0.0013	0.0115
161	0.0132	0.0013	0.0118
162	0.0133	0.0014	0.0120
163	0.0137	0.0014	0.0123
164	0.0139	0.0014	0.0125
165	0.0144	0.0015	0.0129
166	0.0146	0.0015	0.0131
167	0.0151	0.0015	0.0135
168	0.0153	0.0016	0.0138
169	0.0159	0.0016	0.0143
170	0.0162	0.0016	0.0146
171	0.0169	0.0017	0.0151
172	0.0172	0.0017	0.0155
173	0.0179	0.0018	0.0161
174	0.0183	0.0019	0.0165
175	0.0192	0.0020	0.0173
176	0.0197	0.0020	0.0177
177	0.0208	0.0021	0.0187
178	0.0214	0.0022	0.0192
179	0.0227	0.0022	0.0205
180	0.0234	0.0022	0.0212
181	0.0251	0.0022	0.0229
182	0.0261	0.0022	0.0239
183	0.0283	0.0022	0.0262
184	0.0297	0.0022	0.0275
185	0.0278	0.0022	0.0256

186	0.0296	0.0022	0.0274
187	0.0343	0.0022	0.0322
188	0.0375	0.0022	0.0353
189	0.0466	0.0022	0.0444
190	0.0537	0.0022	0.0515
191	0.0815	0.0022	0.0793
192	0.1182	0.0022	0.1161
193	0.5116	0.0022	0.5094
194	0.0641	0.0022	0.0619
195	0.0414	0.0022	0.0393
196	0.0318	0.0022	0.0296
197	0.0312	0.0022	0.0290
198	0.0272	0.0022	0.0250
199	0.0242	0.0022	0.0221
200	0.0220	0.0022	0.0198
201	0.0202	0.0021	0.0182
202	0.0188	0.0019	0.0169
203	0.0176	0.0018	0.0158
204	0.0165	0.0017	0.0149
205	0.0156	0.0016	0.0140
206	0.0148	0.0015	0.0133
207	0.0141	0.0014	0.0127
208	0.0135	0.0014	0.0122
209	0.0130	0.0013	0.0117
210	0.0125	0.0013	0.0112
211	0.0120	0.0012	0.0108
212	0.0116	0.0012	0.0104
213	0.0113	0.0011	0.0101
214	0.0109	0.0011	0.0098
215	0.0106	0.0011	0.0095
216	0.0103	0.0010	0.0092
217	0.0105	0.0011	0.0094
218	0.0103	0.0010	0.0092
219	0.0100	0.0010	0.0090
220	0.0098	0.0010	0.0088
221	0.0096	0.0010	0.0086
222	0.0093	0.0009	0.0084
223	0.0091	0.0009	0.0082
224	0.0090	0.0009	0.0081
225	0.0088	0.0009	0.0079
226	0.0086	0.0009	0.0077
227	0.0085	0.0009	0.0076
228	0.0083	0.0008	0.0075
229	0.0082	0.0008	0.0073
230	0.0080	0.0008	0.0072
231	0.0079	0.0008	0.0071
232	0.0078	0.0008	0.0070
233	0.0076	0.0008	0.0069
234	0.0075	0.0008	0.0068
235	0.0074	0.0008	0.0067

236	0.0073	0.0007	0.0066
237	0.0072	0.0007	0.0065
238	0.0071	0.0007	0.0064
239	0.0070	0.0007	0.0063
240	0.0069	0.0007	0.0062
241	0.0068	0.0007	0.0061
242	0.0067	0.0007	0.0061
243	0.0067	0.0007	0.0060
244	0.0066	0.0007	0.0059
245	0.0065	0.0007	0.0058
246	0.0064	0.0007	0.0058
247	0.0063	0.0006	0.0057
248	0.0063	0.0006	0.0056
249	0.0062	0.0006	0.0056
250	0.0061	0.0006	0.0055
251	0.0061	0.0006	0.0054
252	0.0060	0.0006	0.0054
253	0.0059	0.0006	0.0053
254	0.0059	0.0006	0.0053
255	0.0058	0.0006	0.0052
256	0.0058	0.0006	0.0052
257	0.0057	0.0006	0.0051
258	0.0056	0.0006	0.0051
259	0.0056	0.0006	0.0050
260	0.0055	0.0006	0.0050
261	0.0055	0.0006	0.0049
262	0.0054	0.0006	0.0049
263	0.0054	0.0005	0.0048
264	0.0053	0.0005	0.0048
265	0.0053	0.0005	0.0048
266	0.0052	0.0005	0.0047
267	0.0052	0.0005	0.0047
268	0.0052	0.0005	0.0046
269	0.0051	0.0005	0.0046
270	0.0051	0.0005	0.0046
271	0.0050	0.0005	0.0045
272	0.0050	0.0005	0.0045
273	0.0050	0.0005	0.0045
274	0.0049	0.0005	0.0044
275	0.0049	0.0005	0.0044
276	0.0048	0.0005	0.0044
277	0.0048	0.0005	0.0043
278	0.0048	0.0005	0.0043
279	0.0047	0.0005	0.0043
280	0.0047	0.0005	0.0042
281	0.0047	0.0005	0.0042
282	0.0046	0.0005	0.0042
283	0.0046	0.0005	0.0041
284	0.0046	0.0005	0.0041
285	0.0045	0.0005	0.0041

286	0.0045	0.0005	0.0041
287	0.0045	0.0005	0.0040
288	0.0045	0.0005	0.0040

Total soil rain loss = 0.26(In)
Total effective rainfall = 3.16(In)
Peak flow rate in flood hydrograph = 102.94(CFS)

++

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

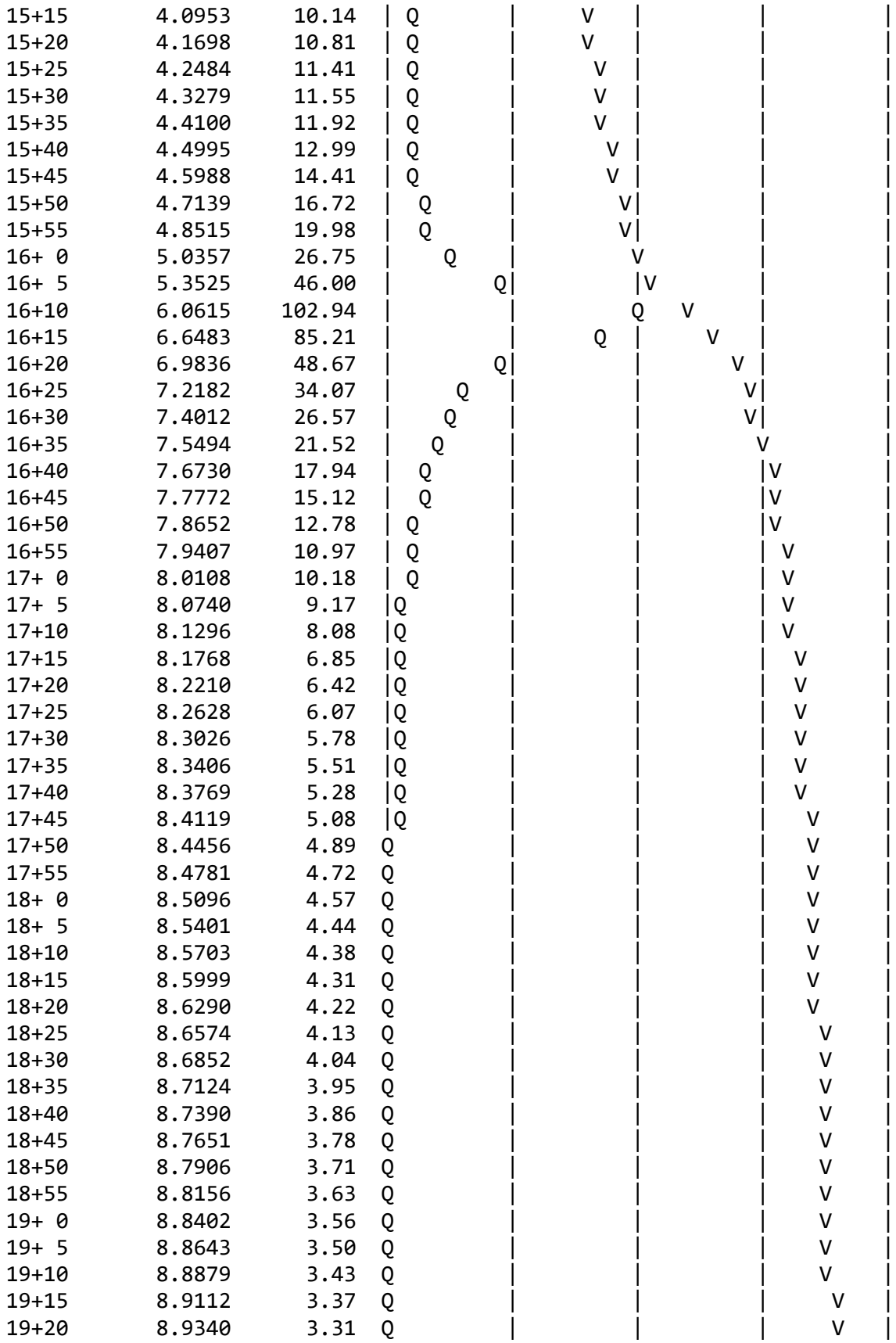
Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	50.0	100.0	150.0	200.0
0+ 5	0.0006	0.09	Q				
0+10	0.0055	0.71	Q				
0+15	0.0139	1.21	Q				
0+20	0.0237	1.42	Q				
0+25	0.0344	1.55	Q				
0+30	0.0456	1.64	Q				
0+35	0.0573	1.70	Q				
0+40	0.0694	1.75	Q				
0+45	0.0816	1.78	Q				
0+50	0.0941	1.81	Q				
0+55	0.1066	1.82	Q				
1+ 0	0.1193	1.84	Q				
1+ 5	0.1321	1.86	Q				
1+10	0.1450	1.87	Q				
1+15	0.1580	1.88	Q				
1+20	0.1709	1.89	Q				
1+25	0.1840	1.89	Q				
1+30	0.1970	1.90	Q				
1+35	0.2102	1.91	Q				
1+40	0.2233	1.91	Q				
1+45	0.2365	1.92	Q				
1+50	0.2498	1.93	QV				
1+55	0.2631	1.93	QV				
2+ 0	0.2765	1.94	QV				
2+ 5	0.2899	1.95	QV				
2+10	0.3033	1.95	QV				
2+15	0.3168	1.96	QV				
2+20	0.3304	1.97	QV				
2+25	0.3440	1.98	QV				
2+30	0.3577	1.98	QV				
2+35	0.3714	1.99	QV				
2+40	0.3852	2.00	QV				

2+45	0.3990	2.01	QV	|	|	|	|
2+50	0.4129	2.01	QV	|	|	|	|
2+55	0.4268	2.02	QV	|	|	|	|
3+ 0	0.4408	2.03	QV	|	|	|	|
3+ 5	0.4548	2.04	QV	|	|	|	|
3+10	0.4689	2.05	QV	|	|	|	|
3+15	0.4830	2.05	QV	|	|	|	|
3+20	0.4973	2.06	Q V	|	|	|	|
3+25	0.5115	2.07	Q V	|	|	|	|
3+30	0.5258	2.08	Q V	|	|	|	|
3+35	0.5402	2.09	Q V	|	|	|	|
3+40	0.5547	2.10	Q V	|	|	|	|
3+45	0.5692	2.11	Q V	|	|	|	|
3+50	0.5837	2.11	Q V	|	|	|	|
3+55	0.5983	2.12	Q V	|	|	|	|
4+ 0	0.6130	2.13	Q V	|	|	|	|
4+ 5	0.6278	2.14	Q V	|	|	|	|
4+10	0.6426	2.15	Q V	|	|	|	|
4+15	0.6575	2.16	Q V	|	|	|	|
4+20	0.6724	2.17	Q V	|	|	|	|
4+25	0.6874	2.18	Q V	|	|	|	|
4+30	0.7025	2.19	Q V	|	|	|	|
4+35	0.7176	2.20	Q V	|	|	|	|
4+40	0.7328	2.21	Q V	|	|	|	|
4+45	0.7481	2.22	Q V	|	|	|	|
4+50	0.7635	2.23	Q V	|	|	|	|
4+55	0.7789	2.24	Q V	|	|	|	|
5+ 0	0.7944	2.25	Q V	|	|	|	|
5+ 5	0.8099	2.26	Q V	|	|	|	|
5+10	0.8256	2.27	Q V	|	|	|	|
5+15	0.8413	2.28	Q V	|	|	|	|
5+20	0.8571	2.29	Q V	|	|	|	|
5+25	0.8729	2.30	Q V	|	|	|	|
5+30	0.8889	2.31	Q V	|	|	|	|
5+35	0.9049	2.33	Q V	|	|	|	|
5+40	0.9210	2.34	Q V	|	|	|	|
5+45	0.9371	2.35	Q V	|	|	|	|
5+50	0.9534	2.36	Q V	|	|	|	|
5+55	0.9697	2.37	Q V	|	|	|	|
6+ 0	0.9862	2.38	Q V	|	|	|	|
6+ 5	1.0027	2.40	Q V	|	|	|	|
6+10	1.0192	2.41	Q V	|	|	|	|
6+15	1.0359	2.42	Q V	|	|	|	|
6+20	1.0527	2.43	Q V	|	|	|	|
6+25	1.0695	2.45	Q V	|	|	|	|
6+30	1.0865	2.46	Q V	|	|	|	|
6+35	1.1035	2.47	Q V	|	|	|	|
6+40	1.1206	2.49	Q V	|	|	|	|
6+45	1.1378	2.50	Q V	|	|	|	|
6+50	1.1552	2.51	Q V	|	|	|	|

6+55	1.1726	2.53	Q	V				
7+ 0	1.1901	2.54	Q	V				
7+ 5	1.2077	2.56	Q	V				
7+10	1.2254	2.57	Q	V				
7+15	1.2432	2.59	Q	V				
7+20	1.2611	2.60	Q	V				
7+25	1.2791	2.62	Q	V				
7+30	1.2973	2.63	Q	V				
7+35	1.3155	2.65	Q	V				
7+40	1.3338	2.66	Q	V				
7+45	1.3523	2.68	Q	V				
7+50	1.3709	2.70	Q	V				
7+55	1.3896	2.71	Q	V				
8+ 0	1.4084	2.73	Q	V				
8+ 5	1.4273	2.75	Q	V				
8+10	1.4463	2.77	Q	V				
8+15	1.4655	2.78	Q	V				
8+20	1.4848	2.80	Q	V				
8+25	1.5042	2.82	Q	V				
8+30	1.5238	2.84	Q	V				
8+35	1.5435	2.86	Q	V				
8+40	1.5633	2.88	Q	V				
8+45	1.5833	2.90	Q	V				
8+50	1.6034	2.92	Q	V				
8+55	1.6236	2.94	Q	V				
9+ 0	1.6440	2.96	Q	V				
9+ 5	1.6645	2.98	Q	V				
9+10	1.6852	3.00	Q	V				
9+15	1.7061	3.03	Q	V				
9+20	1.7271	3.05	Q	V				
9+25	1.7482	3.07	Q	V				
9+30	1.7695	3.10	Q	V				
9+35	1.7910	3.12	Q	V				
9+40	1.8127	3.14	Q	V				
9+45	1.8345	3.17	Q	V				
9+50	1.8565	3.20	Q	V				
9+55	1.8787	3.22	Q	V				
10+ 0	1.9011	3.25	Q	V				
10+ 5	1.9236	3.27	Q	V				
10+10	1.9464	3.30	Q	V				
10+15	1.9693	3.33	Q	V				
10+20	1.9925	3.36	Q	V				
10+25	2.0158	3.39	Q	V				
10+30	2.0394	3.42	Q	V				
10+35	2.0632	3.45	Q	V				
10+40	2.0872	3.49	Q	V				
10+45	2.1114	3.52	Q	V				
10+50	2.1359	3.55	Q	V				
10+55	2.1606	3.59	Q	V				
11+ 0	2.1855	3.62	Q	V				

```
11+ 5       2.2107      3.66  Q       V |         |         |         |
11+10       2.2361      3.70  Q        V|         |         |         |
11+15       2.2619      3.73  Q        V|         |         |         |
11+20       2.2878      3.77  Q        V|         |         |         |
11+25       2.3141      3.81  Q        V|         |         |         |
11+30       2.3407      3.86  Q        V|         |         |         |
11+35       2.3675      3.90  Q        V|         |         |         |
11+40       2.3947      3.94  Q        V|         |         |         |
11+45       2.4221      3.99  Q        V|         |         |         |
11+50       2.4499      4.04  Q        V|         |         |         |
11+55       2.4780      4.08  Q         V         |         |         |
12+ 0       2.5065      4.13  Q         V         |         |         |
12+ 5       2.5352      4.17  Q         V         |         |         |
12+10       2.5639      4.16  Q         V         |         |         |
12+15       2.5925      4.15  Q         V         |         |         |
12+20       2.6213      4.19  Q         V         |         |         |
12+25       2.6505      4.23  Q         V         |         |         |
12+30       2.6800      4.28  Q         V         |         |         |
12+35       2.7098      4.34  Q         V         |         |         |
12+40       2.7401      4.40  Q         |V        |         |         |
12+45       2.7708      4.46  Q         |V        |         |         |
12+50       2.8020      4.53  Q         |V        |         |         |
12+55       2.8337      4.60  Q         |V        |         |         |
13+ 0       2.8659      4.67  Q         |V        |         |         |
13+ 5       2.8986      4.75  Q         |V        |         |         |
13+10       2.9319      4.83  Q         |V        |         |         |
13+15       2.9657      4.92  Q         |V        |         |         |
13+20       3.0002      5.01  |Q        | V        |         |         |
13+25       3.0353      5.10  |Q        | V        |         |         |
13+30       3.0711      5.20  |Q        | V        |         |         |
13+35       3.1077      5.30  |Q        | V        |         |         |
13+40       3.1449      5.41  |Q        | V        |         |         |
13+45       3.1830      5.53  |Q        | V        |         |         |
13+50       3.2219      5.65  |Q        |  V       |         |         |
13+55       3.2617      5.78  |Q        |  V       |         |         |
14+ 0       3.3024      5.92  |Q        |  V       |         |         |
14+ 5       3.3441      6.06  |Q        |  V       |         |         |
14+10       3.3870      6.23  |Q        |  V       |         |         |
14+15       3.4310      6.39  |Q        |  V       |         |         |
14+20       3.4763      6.58  |Q        |   V      |         |         |
14+25       3.5229      6.76  |Q        |   V      |         |         |
14+30       3.5709      6.97  |Q        |   V      |         |         |
14+35       3.6204      7.19  |Q        |   V      |         |         |
14+40       3.6717      7.44  |Q        |   V      |         |         |
14+45       3.7246      7.69  |Q        |    V     |         |         |
14+50       3.7797      7.99  |Q        |    V     |         |         |
14+55       3.8368      8.30  |Q        |    V     |         |         |
15+ 0       3.8967      8.69  |Q        |    V     |         |         |
15+ 5       3.9593      9.10  |Q        |     V    |         |         |
15+10       4.0255      9.61  |Q        |     V    |         |         |
```



19+25	8.9564	3.26	Q	|	|	|	V |
19+30	8.9785	3.20	Q	|	|	|	V |
19+35	9.0002	3.15	Q	|	|	|	V |
19+40	9.0216	3.10	Q	|	|	|	V |
19+45	9.0426	3.06	Q	|	|	|	V |
19+50	9.0634	3.01	Q	|	|	|	V |
19+55	9.0838	2.97	Q	|	|	|	V |
20+ 0	9.1040	2.93	Q	|	|	|	V |
20+ 5	9.1238	2.89	Q	|	|	|	V |
20+10	9.1434	2.85	Q	|	|	|	V |
20+15	9.1628	2.81	Q	|	|	|	V |
20+20	9.1819	2.77	Q	|	|	|	V |
20+25	9.2007	2.74	Q	|	|	|	V |
20+30	9.2193	2.70	Q	|	|	|	V |
20+35	9.2377	2.67	Q	|	|	|	V |
20+40	9.2559	2.64	Q	|	|	|	V |
20+45	9.2738	2.61	Q	|	|	|	V |
20+50	9.2916	2.58	Q	|	|	|	V |
20+55	9.3091	2.55	Q	|	|	|	V |
21+ 0	9.3264	2.52	Q	|	|	|	V |
21+ 5	9.3436	2.49	Q	|	|	|	V |
21+10	9.3606	2.46	Q	|	|	|	V |
21+15	9.3773	2.44	Q	|	|	|	V |
21+20	9.3940	2.41	Q	|	|	|	V |
21+25	9.4104	2.39	Q	|	|	|	V |
21+30	9.4267	2.36	Q	|	|	|	V |
21+35	9.4428	2.34	Q	|	|	|	V |
21+40	9.4588	2.32	Q	|	|	|	V |
21+45	9.4746	2.29	Q	|	|	|	V |
21+50	9.4902	2.27	Q	|	|	|	V |
21+55	9.5057	2.25	Q	|	|	|	V |
22+ 0	9.5211	2.23	Q	|	|	|	V |
22+ 5	9.5363	2.21	Q	|	|	|	V |
22+10	9.5514	2.19	Q	|	|	|	V |
22+15	9.5664	2.17	Q	|	|	|	V |
22+20	9.5812	2.15	Q	|	|	|	V |
22+25	9.5959	2.13	Q	|	|	|	V |
22+30	9.6105	2.12	Q	|	|	|	V |
22+35	9.6249	2.10	Q	|	|	|	V |
22+40	9.6393	2.08	Q	|	|	|	V |
22+45	9.6535	2.07	Q	|	|	|	V|
22+50	9.6676	2.05	Q	|	|	|	V|
22+55	9.6816	2.03	Q	|	|	|	V|
23+ 0	9.6955	2.02	Q	|	|	|	V|
23+ 5	9.7093	2.00	Q	|	|	|	V|
23+10	9.7229	1.99	Q	|	|	|	V|
23+15	9.7365	1.97	Q	|	|	|	V|
23+20	9.7500	1.96	Q	|	|	|	V|
23+25	9.7634	1.94	Q	|	|	|	V|
23+30	9.7766	1.93	Q	|	|	|	V|

23+35	9.7898	1.91	Q	|	|	|	V|
23+40	9.8029	1.90	Q	|	|	|	V|
23+45	9.8159	1.89	Q	|	|	|	V|
23+50	9.8288	1.87	Q	|	|	|	V|
23+55	9.8416	1.86	Q	|	|	|	V|
24+ 0	9.8543	1.85	Q	|	|	|	V|

APPENDIX 'E'

Basin Routing

Detention Basin Tables
Outlet Pipe Sizing—10 and 100 year storm event
Basin Routing—10 and 100 year storm events

Detention Basin Table
10-year
Basin A (Q10in=63.66 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	24" pipe outlet (cfs)	24" pipe outlet (cfs)	Total Outlet Flow (cfs)
2903	0-	0	0	0	0	0
2904.5	1.5	77,482	1.78	0	0	0
2905	2	103,310	2.37	0	0	0
2905.5	2.5	129,138	2.96	0	0	0
2906	3	154,965	3.56	0	0	0
2906.5	3.5	180,793	4.15	0	0	0
2907	4	206,620	4.74	20	0	20
2907.5	4.5	222,116	5.10	20	10	30
2908	5	227,392	5.22	20	23	43

Qout=20.2 cfs

Detention Basin Table
10-year
Basin B (Q10in=64.41 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	24" pipe outlet (cfs)	24" pipe outlet (cfs)	Total Outlet Flow (cfs)
2909	0-			0	0	0
2910.5	1.5	78,488	1.80	0	0	0
2911	2	104,650	2.40	0	0	0
2911.5	2.5	130,812	3.00	0	0	0
2912	3	156,975	3.60	0	0	0
2912.5	3.5	183,138	4.20	0	0	0
2913	4	209,300	4.80	20	0	0
2913.5	4.5	224,998	5.17	20	5	25
2914	5	230,364	5.29	20	5	25

Qout=20.1 cfs

Detention Basin Table
10-year
Basin C (Q10in=51.01 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	18" pipe outlet (cfs)	18" pipe outlet (cfs)	Total Outlet Flow (cfs)
2947	0-			0	0	0
2948.5	1.5	63,300	1.45	0	0	0
2949	2	84,400	1.94	0	0	0
2949.5	2.5	105,500	2.42	0	0	0
2950	3	126,600	2.91	0	0	0
2950.5	3.5	147,700	3.39	0	0	0
2951	4	168,800	3.88	10	0	10
2951.5	4.5	181,460	4.17	10	10	20
2952	5	185,343	4.25	10	10	20

Qout=13.2 cfs

Detention Basin Table
10-year
Basin D (Q10in=55.36 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	18" pipe outlet (cfs)	18" pipe outlet (cfs)	Total Outlet Flow (cfs)
2953	0-	0	0	0	0	0
2954.5	1.5	61,665	1.41	0	0	0
2955	2	82,220	1.89	0	0	0
2955.5	2.5	102,775	2.36	0	0	0
2956	3	123,330	2.83	0	0	0
2956.5	3.5	143,885	3.03	0	0	0
2957	4	164,440	3.76	5	0	5
2957.5	4.5	176,773	4.06	5	7	12
2958	5	180,500	4.14	5	7	12

Qout=10.2 cfs

Detention Basin Table
100-year
Basin A (Q100in=116.1 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	pipe outlet (cfs)	pipe outlet (cfs)	Total Outlet Flow (cfs)
2903	0-	0	0	0	0	0
2904.5	1.5	77,482	1.78	0	0	0
2905	2	103,310	2.37	0	0	0
2905.5	2.5	129,138	2.96	0	0	0
2906	3	154,965	3.56	0	0	0
2906.5	3.5	180,793	4.15	45	0	45
2907	4	206,620	4.74	45	30	75
2907.5	4.5	222,116	5.10	45	40	85
2908	5	227,392	5.22	45	45	90

Qout=74.0 cfs

Detention Basin Table
100-year
Basin B (Q100in=117.5 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	pipe outlet (cfs)	pipe outlet (cfs)	Total Outlet Flow (cfs)
2909	0-			0	0	0
2910.5	1.5	78,488	1.80	0	0	0
2911	2	104,650	2.40	0	0	0
2911.5	2.5	130,812	3.00	0	0	0
2912	3	156,975	3.60	0	0	0
2912.5	3.5	183,138	4.20	45	0	45
2913	4	209,300	4.80	45	30	75
2913.5	4.5	224,998	5.17	45	40	85
2914	5	230,364	5.29	45	45	90

Qout=74.5 cfs

Detention Basin Table
100-year
Basin C (Q100in=93.1 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	pipe outlet (cfs)	pipe outlet (cfs)	Total Outlet Flow (cfs)
2947	0-			0	0	0
2948.5	1.5	63,300	1.45	0	0	0
2949	2	84,400	1.94	0	0	0
2949.5	2.5	105,500	2.42	0	0	0
2950	3	126,600	2.91	0	0	0
2950.5	3.5	147,700	3.39	40	0	40
2951	4	168,800	3.88	40	30	70
2951.5	4.5	181,460	4.17	40	40	80
2952	5	185,343	4.25	40	40	80

Qout=64.6 cfs

Detention Basin Table
100-year
Basin D (Q100in=102.9 cfs)

Elevation (feet)	Depth (feet)	Basin Volume (CF)	Basin Volume (ac.ft)	pipe outlet (cfs)	pipe outlet (cfs)	Total Outlet Flow (cfs)
2953	0-	0	0	0	0	0
2954.5	1.5	61,665	1.41	0	0	0
2955	2	82,220	1.89	0	0	0
2955.5	2.5	102,775	2.36	0	0	0
2956	3	123,330	2.83	0	0	0
2956.5	3.5	143,885	3.03	40	0	40
2957	4	164,440	3.76	40	30	70
2957.5	4.5	176,773	4.06	40	40	80
2958	5	180,500	4.14	40	45	80

Qout=61.4 cfs

Pipe from Basins A and B capacity

Project Description	
Friction Method	Manning Formula
Solve For	Discharge

Input Data	
Roughness Coefficient	0.013
Channel Slope	0.010 ft/ft
Normal Depth	23.0 in
Diameter	24.0 in

Results	
Discharge	24.25 cfs
Flow Area	3.1 ft²
Wetted Perimeter	5.5 ft
Hydraulic Radius	6.8 in
Top Width	0.80 ft
Critical Depth	20.9 in
Percent Full	95.8 %
Critical Slope	0.010 ft/ft
Velocity	7.83 ft/s
Velocity Head	0.95 ft
Specific Energy	2.87 ft
Froude Number	0.701
Maximum Discharge	24.33 cfs
Discharge Full	22.62 cfs
Slope Full	0.011 ft/ft
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Average End Depth Over Rise	0.0 %
Normal Depth Over Rise	70.8 %
Downstream Velocity	Infinity ft/s
Upstream Velocity	Infinity ft/s
Normal Depth	23.0 in
Critical Depth	20.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.010 ft/ft

Pipe from Basin C and D capacity

Project Description	
Friction Method	Manning Formula
Solve For	Discharge

Input Data	
Roughness Coefficient	0.013
Channel Slope	0.010 ft/ft
Normal Depth	17.0 in
Diameter	18.0 in

Results	
Discharge	11.30 cfs
Flow Area	1.7 ft²
Wetted Perimeter	4.0 ft
Hydraulic Radius	5.2 in
Top Width	0.69 ft
Critical Depth	15.4 in
Percent Full	94.4 %
Critical Slope	0.011 ft/ft
Velocity	6.53 ft/s
Velocity Head	0.66 ft
Specific Energy	2.08 ft
Froude Number	0.726
Maximum Discharge	11.30 cfs
Discharge Full	10.50 cfs
Slope Full	0.012 ft/ft
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Average End Depth Over Rise	0.0 %
Normal Depth Over Rise	61.1 %
Downstream Velocity	Infinity ft/s
Upstream Velocity	Infinity ft/s
Normal Depth	17.0 in
Critical Depth	15.4 in
Channel Slope	0.010 ft/ft
Critical Slope	0.011 ft/ft

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2014
Study date: 08/07/22

IENLC
Basin A
10-year

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: 10yrareaA.rte
**********HYDROGRAPH DATA**********
Number of intervals = 304
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 63.664 (CFS)
Total volume = 7.117 (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 10.000 to Point/Station 40.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 304
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)

Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (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
1.500	1.780	0.001	1.780	1.780
2.000	2.370	0.010	2.370	2.370
2.500	2.960	0.010	2.960	2.960
3.000	3.560	0.010	3.560	3.560
3.500	4.150	0.010	4.150	4.150
4.000	4.740	20.000	4.671	4.809
4.500	5.100	30.000	4.997	5.203
5.000	5.220	43.000	5.072	5.368

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	15.9	31.83	47.75	63.66	Depth (Ft.)
0.083	0.05	0.00	0.000	O	|	|	|	|	0.00
0.167	0.37	0.00	0.002	O	|	|	|	|	0.00
0.250	0.78	0.00	0.006	O	|	|	|	|	0.00
0.333	0.97	0.00	0.012	O	|	|	|	|	0.01
0.417	1.09	0.00	0.019	O	|	|	|	|	0.02
0.500	1.16	0.00	0.026	O	|	|	|	|	0.02
0.583	1.22	0.00	0.035	O	|	|	|	|	0.03
0.667	1.26	0.00	0.043	O	|	|	|	|	0.04
0.750	1.29	0.00	0.052	O	|	|	|	|	0.04
0.833	1.32	0.00	0.061	O	|	|	|	|	0.05
0.917	1.34	0.00	0.070	O	|	|	|	|	0.06
1.000	1.36	0.00	0.079	O	|	|	|	|	0.07
1.083	1.37	0.00	0.089	O	|	|	|	|	0.07
1.167	1.38	0.00	0.098	O	|	|	|	|	0.08
1.250	1.39	0.00	0.108	O	|	|	|	|	0.09
1.333	1.40	0.00	0.117	O	|	|	|	|	0.10
1.417	1.41	0.00	0.127	O	|	|	|	|	0.11
1.500	1.42	0.00	0.137	O	|	|	|	|	0.12
1.583	1.42	0.00	0.147	O	|	|	|	|	0.12
1.667	1.43	0.00	0.156	O	|	|	|	|	0.13
1.750	1.43	0.00	0.166	O	|	|	|	|	0.14
1.833	1.44	0.00	0.176	O	|	|	|	|	0.15
1.917	1.44	0.00	0.186	O	|	|	|	|	0.16
2.000	1.45	0.00	0.196	O	|	|	|	|	0.17
2.083	1.45	0.00	0.206	O	|	|	|	|	0.17

2.167	1.46	0.00	0.216	O	|	|	|	0.18
2.250	1.46	0.00	0.226	O	|	|	|	0.19
2.333	1.47	0.00	0.236	O	|	|	|	0.20
2.417	1.47	0.00	0.246	O	|	|	|	0.21
2.500	1.48	0.00	0.256	O	|	|	|	0.22
2.583	1.48	0.00	0.266	O	|	|	|	0.22
2.667	1.49	0.00	0.277	O	|	|	|	0.23
2.750	1.49	0.00	0.287	O	|	|	|	0.24
2.833	1.50	0.00	0.297	O	|	|	|	0.25
2.917	1.51	0.00	0.308	O	|	|	|	0.26
3.000	1.51	0.00	0.318	O	|	|	|	0.27
3.083	1.52	0.00	0.328	O	|	|	|	0.28
3.167	1.52	0.00	0.339	O	|	|	|	0.29
3.250	1.53	0.00	0.349	O	|	|	|	0.29
3.333	1.53	0.00	0.360	O	|	|	|	0.30
3.417	1.54	0.00	0.371	O	|	|	|	0.31
3.500	1.55	0.00	0.381	O	|	|	|	0.32
3.583	1.55	0.00	0.392	O	|	|	|	0.33
3.667	1.56	0.00	0.403	O	|	|	|	0.34
3.750	1.57	0.00	0.413	O	|	|	|	0.35
3.833	1.57	0.00	0.424	O	|	|	|	0.36
3.917	1.58	0.00	0.435	O	|	|	|	0.37
4.000	1.58	0.00	0.446	O	|	|	|	0.38
4.083	1.59	0.00	0.457	O	|	|	|	0.38
4.167	1.60	0.00	0.468	O	|	|	|	0.39
4.250	1.60	0.00	0.479	O	|	|	|	0.40
4.333	1.61	0.00	0.490	O	|	|	|	0.41
4.417	1.62	0.00	0.501	O	|	|	|	0.42
4.500	1.62	0.00	0.512	O	|	|	|	0.43
4.583	1.63	0.00	0.523	O	|	|	|	0.44
4.667	1.64	0.00	0.535	O	|	|	|	0.45
4.750	1.65	0.00	0.546	O	|	|	|	0.46
4.833	1.65	0.00	0.557	O	|	|	|	0.47
4.917	1.66	0.00	0.569	O	|	|	|	0.48
5.000	1.67	0.00	0.580	O	|	|	|	0.49
5.083	1.68	0.00	0.592	O	|	|	|	0.50
5.167	1.68	0.00	0.603	O	|	|	|	0.51
5.250	1.69	0.00	0.615	O	|	|	|	0.52
5.333	1.70	0.00	0.627	O	|	|	|	0.53
5.417	1.71	0.00	0.638	O	|	|	|	0.54
5.500	1.71	0.00	0.650	O	|	|	|	0.55
5.583	1.72	0.00	0.662	O	|	|	|	0.56
5.667	1.73	0.00	0.674	O	|	|	|	0.57
5.750	1.74	0.00	0.686	O	|	|	|	0.58
5.833	1.75	0.00	0.698	O	|	|	|	0.59
5.917	1.76	0.00	0.710	O	|	|	|	0.60
6.000	1.77	0.00	0.722	O	|	|	|	0.61
6.083	1.77	0.00	0.734	O	|	|	|	0.62
6.167	1.78	0.00	0.746	O	|	|	|	0.63
6.250	1.79	0.00	0.759	O	|	|	|	0.64

6.333	1.80	0.00	0.771	O				0.65
6.417	1.81	0.00	0.783	O				0.66
6.500	1.82	0.00	0.796	O				0.67
6.583	1.83	0.00	0.808	O				0.68
6.667	1.84	0.00	0.821	O				0.69
6.750	1.85	0.00	0.834	O				0.70
6.833	1.86	0.00	0.847	O				0.71
6.917	1.87	0.00	0.859	O				0.72
7.000	1.88	0.00	0.872	O				0.74
7.083	1.89	0.00	0.885	O				0.75
7.167	1.90	0.00	0.898	O				0.76
7.250	1.91	0.00	0.911	O				0.77
7.333	1.92	0.00	0.925	O				0.78
7.417	1.93	0.00	0.938	O				0.79
7.500	1.94	0.00	0.951	O				0.80
7.583	1.95	0.00	0.965	O				0.81
7.667	1.97	0.00	0.978	O				0.82
7.750	1.98	0.00	0.992	O				0.84
7.833	1.99	0.00	1.005	O				0.85
7.917	2.00	0.00	1.019	OI				0.86
8.000	2.01	0.00	1.033	OI				0.87
8.083	2.03	0.00	1.047	OI				0.88
8.167	2.04	0.00	1.061	OI				0.89
8.250	2.05	0.00	1.075	OI				0.91
8.333	2.06	0.00	1.089	OI				0.92
8.417	2.08	0.00	1.103	OI				0.93
8.500	2.09	0.00	1.118	OI				0.94
8.583	2.10	0.00	1.132	OI				0.95
8.667	2.12	0.00	1.147	OI				0.97
8.750	2.13	0.00	1.161	OI				0.98
8.833	2.15	0.00	1.176	OI				0.99
8.917	2.16	0.00	1.191	OI				1.00
9.000	2.18	0.00	1.206	OI				1.02
9.083	2.19	0.00	1.221	OI				1.03
9.167	2.21	0.00	1.236	OI				1.04
9.250	2.22	0.00	1.251	OI				1.05
9.333	2.24	0.00	1.266	OI				1.07
9.417	2.26	0.00	1.282	OI				1.08
9.500	2.27	0.00	1.298	OI				1.09
9.583	2.29	0.00	1.313	OI				1.11
9.667	2.31	0.00	1.329	OI				1.12
9.750	2.32	0.00	1.345	OI				1.13
9.833	2.34	0.00	1.361	OI				1.15
9.917	2.36	0.00	1.377	OI				1.16
10.000	2.38	0.00	1.394	OI				1.17
10.083	2.40	0.00	1.410	OI				1.19
10.167	2.42	0.00	1.427	OI				1.20
10.250	2.44	0.00	1.443	OI				1.22
10.333	2.46	0.00	1.460	OI				1.23
10.417	2.48	0.00	1.477	OI				1.24

10.500	2.50	0.00	1.494	OI	|	|	|	1.26
10.583	2.52	0.00	1.512	OI	|	|	|	1.27
10.667	2.55	0.00	1.529	OI	|	|	|	1.29
10.750	2.57	0.00	1.547	OI	|	|	|	1.30
10.833	2.59	0.00	1.565	OI	|	|	|	1.32
10.917	2.62	0.00	1.582	OI	|	|	|	1.33
11.000	2.64	0.00	1.601	OI	|	|	|	1.35
11.083	2.67	0.00	1.619	OI	|	|	|	1.36
11.167	2.70	0.00	1.637	OI	|	|	|	1.38
11.250	2.72	0.00	1.656	OI	|	|	|	1.40
11.333	2.75	0.00	1.675	OI	|	|	|	1.41
11.417	2.78	0.00	1.694	OI	|	|	|	1.43
11.500	2.81	0.00	1.713	OI	|	|	|	1.44
11.583	2.84	0.00	1.733	OI	|	|	|	1.46
11.667	2.87	0.00	1.752	OI	|	|	|	1.48
11.750	2.90	0.00	1.772	OI	|	|	|	1.49
11.833	2.93	0.00	1.792	OI	|	|	|	1.51
11.917	2.97	0.00	1.812	OI	|	|	|	1.53
12.000	3.00	0.00	1.833	OI	|	|	|	1.54
12.083	3.04	0.00	1.854	OI	|	|	|	1.56
12.167	3.09	0.00	1.875	OI	|	|	|	1.58
12.250	3.14	0.00	1.896	OI	|	|	|	1.60
12.333	3.19	0.00	1.918	OI	|	|	|	1.62
12.417	3.24	0.00	1.940	OI	|	|	|	1.64
12.500	3.28	0.00	1.963	OI	|	|	|	1.65
12.583	3.33	0.00	1.985	OI	|	|	|	1.67
12.667	3.38	0.00	2.008	OI	|	|	|	1.69
12.750	3.43	0.00	2.032	OI	|	|	|	1.71
12.833	3.47	0.01	2.056	OI	|	|	|	1.73
12.917	3.53	0.01	2.080	OI	|	|	|	1.75
13.000	3.58	0.01	2.104	OI	|	|	|	1.77
13.083	3.64	0.01	2.129	OI	|	|	|	1.80
13.167	3.69	0.01	2.154	OI	|	|	|	1.82
13.250	3.76	0.01	2.180	OI	|	|	|	1.84
13.333	3.82	0.01	2.206	OI	|	|	|	1.86
13.417	3.89	0.01	2.232	OI	|	|	|	1.88
13.500	3.95	0.01	2.259	OI	|	|	|	1.91
13.583	4.03	0.01	2.287	O I	|	|	|	1.93
13.667	4.10	0.01	2.314	O I	|	|	|	1.95
13.750	4.18	0.01	2.343	O I	|	|	|	1.98
13.833	4.27	0.01	2.372	O I	|	|	|	2.00
13.917	4.36	0.01	2.402	O I	|	|	|	2.03
14.000	4.45	0.01	2.432	O I	|	|	|	2.05
14.083	4.55	0.01	2.463	O I	|	|	|	2.08
14.167	4.66	0.01	2.494	O I	|	|	|	2.11
14.250	4.78	0.01	2.527	O I	|	|	|	2.13
14.333	4.91	0.01	2.560	O I	|	|	|	2.16
14.417	5.04	0.01	2.594	O I	|	|	|	2.19
14.500	5.18	0.01	2.630	O I	|	|	|	2.22
14.583	5.33	0.01	2.666	O I	|	|	|	2.25

14.667	5.49	0.01	2.703	O I				2.28
14.750	5.67	0.01	2.741	O I				2.31
14.833	5.86	0.01	2.781	O I				2.35
14.917	6.08	0.01	2.822	O I				2.38
15.000	6.31	0.01	2.864	O I				2.42
15.083	6.57	0.01	2.909	O I				2.46
15.167	6.86	0.01	2.955	O I				2.50
15.250	7.19	0.01	3.003	O I				2.54
15.333	7.57	0.01	3.054	O I				2.58
15.417	7.92	0.01	3.107	O I				2.62
15.500	7.87	0.01	3.162	O I				2.67
15.583	7.74	0.01	3.215	O I				2.71
15.667	8.11	0.01	3.270	O I				2.76
15.750	8.80	0.01	3.328	O I				2.81
15.833	9.93	0.01	3.392	O I				2.86
15.917	11.80	0.01	3.467	O I				2.92
16.000	15.55	0.01	3.561	O I				3.00
16.083	26.30	0.01	3.705	O I				3.12
16.167	56.32	0.01	3.990	O			I	3.36
16.250	63.66	7.68	4.376	O			I	3.69
16.333	36.83	16.57	4.639	O	I			3.91
16.417	25.33	19.61	4.728	O I				3.99
16.500	19.62	20.17	4.746	IO				4.01
16.583	16.45	19.76	4.733	IO				3.99
16.667	13.74	18.79	4.704	I O				3.97
16.750	11.96	17.55	4.668	I O				3.94
16.833	10.42	16.22	4.628	I O				3.91
16.917	9.19	14.88	4.589	I O				3.87
17.000	8.09	13.57	4.550	I O				3.84
17.083	7.14	12.33	4.514	I O				3.81
17.167	6.71	11.20	4.480	I O				3.78
17.250	6.35	10.22	4.451	I O				3.76
17.333	5.75	9.35	4.426	I O				3.73
17.417	5.29	8.55	4.402	I O				3.71
17.500	4.59	7.80	4.380	IO				3.69
17.583	4.37	7.10	4.359	IO				3.68
17.667	4.18	6.51	4.342	IO				3.66
17.750	4.02	6.01	4.327	IO				3.65
17.833	3.87	5.58	4.314	IO				3.64
17.917	3.74	5.21	4.303	IO				3.63
18.000	3.62	4.89	4.294	IO				3.62
18.083	3.51	4.61	4.286	IO				3.62
18.167	3.39	4.37	4.279	IO				3.61
18.250	3.28	4.15	4.272	IO				3.60
18.333	3.19	3.96	4.267	O				3.60
18.417	3.10	3.79	4.262	O				3.59
18.500	3.03	3.64	4.257	O				3.59
18.583	2.95	3.50	4.253	O				3.59
18.667	2.89	3.38	4.249	O				3.58
18.750	2.82	3.27	4.246	O				3.58

18.833	2.76	3.17	4.243	|O	|	|	|	3.58
18.917	2.71	3.08	4.241	|O	|	|	|	3.58
19.000	2.65	3.00	4.238	|O	|	|	|	3.57
19.083	2.60	2.92	4.236	|O	|	|	|	3.57
19.167	2.55	2.85	4.234	|O	|	|	|	3.57
19.250	2.51	2.78	4.232	|O	|	|	|	3.57
19.333	2.47	2.72	4.230	|O	|	|	|	3.57
19.417	2.42	2.66	4.228	|O	|	|	|	3.57
19.500	2.38	2.61	4.227	|O	|	|	|	3.56
19.583	2.35	2.56	4.225	|O	|	|	|	3.56
19.667	2.31	2.51	4.224	|O	|	|	|	3.56
19.750	2.28	2.46	4.222	|O	|	|	|	3.56
19.833	2.24	2.42	4.221	|O	|	|	|	3.56
19.917	2.21	2.38	4.220	|O	|	|	|	3.56
20.000	2.18	2.34	4.219	|O	|	|	|	3.56
20.083	2.15	2.30	4.218	|O	|	|	|	3.56
20.167	2.12	2.27	4.217	|O	|	|	|	3.56
20.250	2.09	2.24	4.216	|O	|	|	|	3.56
20.333	2.07	2.20	4.215	|O	|	|	|	3.55
20.417	2.04	2.17	4.214	|O	|	|	|	3.55
20.500	2.01	2.14	4.213	|O	|	|	|	3.55
20.583	1.99	2.11	4.212	|O	|	|	|	3.55
20.667	1.97	2.08	4.211	IO	|	|	|	3.55
20.750	1.94	2.06	4.210	IO	|	|	|	3.55
20.833	1.92	2.03	4.210	IO	|	|	|	3.55
20.917	1.90	2.01	4.209	IO	|	|	|	3.55
21.000	1.88	1.98	4.208	O	|	|	|	3.55
21.083	1.86	1.96	4.208	O	|	|	|	3.55
21.167	1.84	1.94	4.207	O	|	|	|	3.55
21.250	1.82	1.91	4.206	O	|	|	|	3.55
21.333	1.80	1.89	4.206	O	|	|	|	3.55
21.417	1.78	1.87	4.205	O	|	|	|	3.55
21.500	1.77	1.85	4.204	O	|	|	|	3.55
21.583	1.75	1.83	4.204	O	|	|	|	3.55
21.667	1.73	1.81	4.203	O	|	|	|	3.55
21.750	1.72	1.79	4.203	O	|	|	|	3.54
21.833	1.70	1.78	4.202	O	|	|	|	3.54
21.917	1.68	1.76	4.202	O	|	|	|	3.54
22.000	1.67	1.74	4.201	O	|	|	|	3.54
22.083	1.65	1.72	4.201	O	|	|	|	3.54
22.167	1.64	1.71	4.200	O	|	|	|	3.54
22.250	1.63	1.69	4.200	O	|	|	|	3.54
22.333	1.61	1.68	4.199	O	|	|	|	3.54
22.417	1.60	1.66	4.199	O	|	|	|	3.54
22.500	1.58	1.65	4.198	O	|	|	|	3.54
22.583	1.57	1.63	4.198	O	|	|	|	3.54
22.667	1.56	1.62	4.197	O	|	|	|	3.54
22.750	1.55	1.61	4.197	O	|	|	|	3.54
22.833	1.53	1.59	4.197	O	|	|	|	3.54
22.917	1.52	1.58	4.196	O	|	|	|	3.54

23.000	1.51	1.57	4.196	O				3.54
23.083	1.50	1.55	4.196	O				3.54
23.167	1.49	1.54	4.195	O				3.54
23.250	1.48	1.53	4.195	O				3.54
23.333	1.47	1.52	4.194	O				3.54
23.417	1.46	1.51	4.194	O				3.54
23.500	1.45	1.49	4.194	O				3.54
23.583	1.44	1.48	4.193	O				3.54
23.667	1.43	1.47	4.193	O				3.54
23.750	1.42	1.46	4.193	O				3.54
23.833	1.41	1.45	4.193	O				3.54
23.917	1.40	1.44	4.192	O				3.54
24.000	1.39	1.43	4.192	O				3.54
24.083	1.33	1.42	4.191	O				3.54
24.167	1.00	1.36	4.190	O				3.53
24.250	0.58	1.24	4.186	O				3.53
24.333	0.39	1.09	4.182	O				3.53
24.417	0.28	0.93	4.177	O				3.52
24.500	0.21	0.79	4.173	O				3.52
24.583	0.15	0.66	4.169	O				3.52
24.667	0.11	0.55	4.166	O				3.51
24.750	0.08	0.45	4.163	O				3.51
24.833	0.06	0.38	4.161	O				3.51
24.917	0.04	0.31	4.159	O				3.51
25.000	0.03	0.25	4.157	O				3.51
25.083	0.02	0.20	4.156	O				3.50
25.167	0.02	0.17	4.155	O				3.50
25.250	0.01	0.13	4.154	O				3.50
25.333	0.00	0.11	4.153	O				3.50
25.417	0.00	0.09	4.152	O				3.50
25.500	0.00	0.07	4.152	O				3.50
25.583	0.00	0.05	4.151	O				3.50
25.667	0.00	0.04	4.151	O				3.50
25.750	0.00	0.03	4.151	O				3.50
25.833	0.00	0.03	4.150	O				3.50
25.917	0.00	0.02	4.150	O				3.50
26.000	0.00	0.02	4.150	O				3.50
26.083	0.00	0.01	4.150	O				3.50
26.167	0.00	0.01	4.150	O				3.50
26.250	0.00	0.01	4.150	O				3.50
26.333	0.00	0.01	4.150	O				3.50
26.417	0.00	0.01	4.150	O				3.50
26.500	0.00	0.01	4.150	O				3.50
26.583	0.00	0.01	4.150	O				3.50
26.667	0.00	0.01	4.150	O				3.50
26.750	0.00	0.01	4.150	O				3.50
26.833	0.00	0.01	4.149	O				3.50
26.917	0.00	0.01	4.149	O				3.50
27.000	0.00	0.01	4.149	O				3.50
27.083	0.00	0.01	4.149	O				3.50

27.167	0.00	0.01	4.149	O				3.50
27.250	0.00	0.01	4.149	O				3.50
27.333	0.00	0.01	4.149	O				3.50
27.417	0.00	0.01	4.149	O				3.50
27.500	0.00	0.01	4.149	O				3.50
27.583	0.00	0.01	4.149	O				3.50
27.667	0.00	0.01	4.149	O				3.50
27.750	0.00	0.01	4.149	O				3.50
27.833	0.00	0.01	4.149	O				3.50
27.917	0.00	0.01	4.149	O				3.50
28.000	0.00	0.01	4.148	O				3.50
28.083	0.00	0.01	4.148	O				3.50
28.167	0.00	0.01	4.148	O				3.50
28.250	0.00	0.01	4.148	O				3.50
28.333	0.00	0.01	4.148	O				3.50
28.417	0.00	0.01	4.148	O				3.50
28.500	0.00	0.01	4.148	O				3.50
28.583	0.00	0.01	4.148	O				3.50
28.667	0.00	0.01	4.148	O				3.50
28.750	0.00	0.01	4.148	O				3.50
28.833	0.00	0.01	4.148	O				3.50
28.917	0.00	0.01	4.148	O				3.50
29.000	0.00	0.01	4.148	O				3.50
29.083	0.00	0.01	4.148	O				3.50
29.167	0.00	0.01	4.148	O				3.50
29.250	0.00	0.01	4.147	O				3.50
29.333	0.00	0.01	4.147	O				3.50
29.417	0.00	0.01	4.147	O				3.50
29.500	0.00	0.01	4.147	O				3.50
29.583	0.00	0.01	4.147	O				3.50
29.667	0.00	0.01	4.147	O				3.50
29.750	0.00	0.01	4.147	O				3.50
29.833	0.00	0.01	4.147	O				3.50
29.917	0.00	0.01	4.147	O				3.50
30.000	0.00	0.01	4.147	O				3.50
30.083	0.00	0.01	4.147	O				3.50
30.167	0.00	0.01	4.147	O				3.50
30.250	0.00	0.01	4.147	O				3.50
30.333	0.00	0.01	4.147	O				3.50
30.417	0.00	0.01	4.146	O				3.50
30.500	0.00	0.01	4.146	O				3.50
30.583	0.00	0.01	4.146	O				3.50
30.667	0.00	0.01	4.146	O				3.50
30.750	0.00	0.01	4.146	O				3.50
30.833	0.00	0.01	4.146	O				3.50
30.917	0.00	0.01	4.146	O				3.50
31.000	0.00	0.01	4.146	O				3.50
31.083	0.00	0.01	4.146	O				3.50
31.167	0.00	0.01	4.146	O				3.50
31.250	0.00	0.01	4.146	O				3.50

31.333	0.00	0.01	4.146	O				3.50
31.417	0.00	0.01	4.146	O				3.50
31.500	0.00	0.01	4.146	O				3.50
31.583	0.00	0.01	4.146	O				3.50
31.667	0.00	0.01	4.145	O				3.50
31.750	0.00	0.01	4.145	O				3.50
31.833	0.00	0.01	4.145	O				3.50
31.917	0.00	0.01	4.145	O				3.50
32.000	0.00	0.01	4.145	O				3.50
32.083	0.00	0.01	4.145	O				3.50
32.167	0.00	0.01	4.145	O				3.50
32.250	0.00	0.01	4.145	O				3.50
32.333	0.00	0.01	4.145	O				3.50
32.417	0.00	0.01	4.145	O				3.50
32.500	0.00	0.01	4.145	O				3.50
32.583	0.00	0.01	4.145	O				3.50
32.667	0.00	0.01	4.145	O				3.50
32.750	0.00	0.01	4.145	O				3.50
32.833	0.00	0.01	4.145	O				3.50
32.917	0.00	0.01	4.144	O				3.50
33.000	0.00	0.01	4.144	O				3.50
33.083	0.00	0.01	4.144	O				3.50
33.167	0.00	0.01	4.144	O				3.50
33.250	0.00	0.01	4.144	O				3.50
33.333	0.00	0.01	4.144	O				3.49
33.417	0.00	0.01	4.144	O				3.49
33.500	0.00	0.01	4.144	O				3.49
33.583	0.00	0.01	4.144	O				3.49
33.667	0.00	0.01	4.144	O				3.49
33.750	0.00	0.01	4.144	O				3.49
33.833	0.00	0.01	4.144	O				3.49
33.917	0.00	0.01	4.144	O				3.49
34.000	0.00	0.01	4.144	O				3.49
34.083	0.00	0.01	4.143	O				3.49
34.167	0.00	0.01	4.143	O				3.49
34.250	0.00	0.01	4.143	O				3.49
34.333	0.00	0.01	4.143	O				3.49
34.417	0.00	0.01	4.143	O				3.49
34.500	0.00	0.01	4.143	O				3.49
34.583	0.00	0.01	4.143	O				3.49
34.667	0.00	0.01	4.143	O				3.49
34.750	0.00	0.01	4.143	O				3.49
34.833	0.00	0.01	4.143	O				3.49
34.917	0.00	0.01	4.143	O				3.49
35.000	0.00	0.01	4.143	O				3.49
35.083	0.00	0.01	4.143	O				3.49
35.167	0.00	0.01	4.143	O				3.49
35.250	0.00	0.01	4.143	O				3.49
35.333	0.00	0.01	4.142	O				3.49
35.417	0.00	0.01	4.142	O				3.49

35.500	0.00	0.01	4.142	O	|	|	|	3.49
35.583	0.00	0.01	4.142	O	|	|	|	3.49
35.667	0.00	0.01	4.142	O	|	|	|	3.49
35.750	0.00	0.01	4.142	O	|	|	|	3.49
35.833	0.00	0.01	4.142	O	|	|	|	3.49
35.917	0.00	0.01	4.142	O	|	|	|	3.49
36.000	0.00	0.01	4.142	O	|	|	|	3.49
36.083	0.00	0.01	4.142	O	|	|	|	3.49
36.167	0.00	0.01	4.142	O	|	|	|	3.49
36.250	0.00	0.01	4.142	O	|	|	|	3.49
36.333	0.00	0.01	4.142	O	|	|	|	3.49
36.417	0.00	0.01	4.142	O	|	|	|	3.49
36.500	0.00	0.01	4.141	O	|	|	|	3.49
36.583	0.00	0.01	4.141	O	|	|	|	3.49
36.667	0.00	0.01	4.141	O	|	|	|	3.49
36.750	0.00	0.01	4.141	O	|	|	|	3.49
36.833	0.00	0.01	4.141	O	|	|	|	3.49
36.917	0.00	0.01	4.141	O	|	|	|	3.49
37.000	0.00	0.01	4.141	O	|	|	|	3.49
37.083	0.00	0.01	4.141	O	|	|	|	3.49
37.167	0.00	0.01	4.141	O	|	|	|	3.49
37.250	0.00	0.01	4.141	O	|	|	|	3.49
37.333	0.00	0.01	4.141	O	|	|	|	3.49
37.417	0.00	0.01	4.141	O	|	|	|	3.49
37.500	0.00	0.01	4.141	O	|	|	|	3.49
37.583	0.00	0.01	4.141	O	|	|	|	3.49
37.667	0.00	0.01	4.141	O	|	|	|	3.49
37.750	0.00	0.01	4.140	O	|	|	|	3.49
37.833	0.00	0.01	4.140	O	|	|	|	3.49
37.917	0.00	0.01	4.140	O	|	|	|	3.49
38.000	0.00	0.01	4.140	O	|	|	|	3.49
38.083	0.00	0.01	4.140	O	|	|	|	3.49
38.167	0.00	0.01	4.140	O	|	|	|	3.49
38.250	0.00	0.01	4.140	O	|	|	|	3.49
38.333	0.00	0.01	4.140	O	|	|	|	3.49
38.417	0.00	0.01	4.140	O	|	|	|	3.49
38.500	0.00	0.01	4.140	O	|	|	|	3.49
38.583	0.00	0.01	4.140	O	|	|	|	3.49
38.667	0.00	0.01	4.140	O	|	|	|	3.49
38.750	0.00	0.01	4.140	O	|	|	|	3.49
38.833	0.00	0.01	4.140	O	|	|	|	3.49
38.917	0.00	0.01	4.139	O	|	|	|	3.49
39.000	0.00	0.01	4.139	O	|	|	|	3.49
39.083	0.00	0.01	4.139	O	|	|	|	3.49
39.167	0.00	0.01	4.139	O	|	|	|	3.49
39.250	0.00	0.01	4.139	O	|	|	|	3.49
39.333	0.00	0.01	4.139	O	|	|	|	3.49
39.417	0.00	0.01	4.139	O	|	|	|	3.49
39.500	0.00	0.01	4.139	O	|	|	|	3.49
39.583	0.00	0.01	4.139	O	|	|	|	3.49

39.667	0.00	0.01	4.139	O	|	|	|	3.49
39.750	0.00	0.01	4.139	O	|	|	|	3.49
39.833	0.00	0.01	4.139	O	|	|	|	3.49
39.917	0.00	0.01	4.139	O	|	|	|	3.49
40.000	0.00	0.01	4.139	O	|	|	|	3.49
40.083	0.00	0.01	4.139	O	|	|	|	3.49
40.167	0.00	0.01	4.138	O	|	|	|	3.49
40.250	0.00	0.01	4.138	O	|	|	|	3.49
40.333	0.00	0.01	4.138	O	|	|	|	3.49
40.417	0.00	0.01	4.138	O	|	|	|	3.49
40.500	0.00	0.01	4.138	O	|	|	|	3.49
40.583	0.00	0.01	4.138	O	|	|	|	3.49
40.667	0.00	0.01	4.138	O	|	|	|	3.49
40.750	0.00	0.01	4.138	O	|	|	|	3.49
40.833	0.00	0.01	4.138	O	|	|	|	3.49
40.917	0.00	0.01	4.138	O	|	|	|	3.49
41.000	0.00	0.01	4.138	O	|	|	|	3.49
41.083	0.00	0.01	4.138	O	|	|	|	3.49
41.167	0.00	0.01	4.138	O	|	|	|	3.49
41.250	0.00	0.01	4.138	O	|	|	|	3.49
41.333	0.00	0.01	4.137	O	|	|	|	3.49
41.417	0.00	0.01	4.137	O	|	|	|	3.49
41.500	0.00	0.01	4.137	O	|	|	|	3.49
41.583	0.00	0.01	4.137	O	|	|	|	3.49
41.667	0.00	0.01	4.137	O	|	|	|	3.49
41.750	0.00	0.01	4.137	O	|	|	|	3.49
41.833	0.00	0.01	4.137	O	|	|	|	3.49
41.917	0.00	0.01	4.137	O	|	|	|	3.49
42.000	0.00	0.01	4.137	O	|	|	|	3.49
42.083	0.00	0.01	4.137	O	|	|	|	3.49
42.167	0.00	0.01	4.137	O	|	|	|	3.49
42.250	0.00	0.01	4.137	O	|	|	|	3.49
42.333	0.00	0.01	4.137	O	|	|	|	3.49
42.417	0.00	0.01	4.137	O	|	|	|	3.49
42.500	0.00	0.01	4.137	O	|	|	|	3.49
42.583	0.00	0.01	4.136	O	|	|	|	3.49
42.667	0.00	0.01	4.136	O	|	|	|	3.49
42.750	0.00	0.01	4.136	O	|	|	|	3.49
42.833	0.00	0.01	4.136	O	|	|	|	3.49
42.917	0.00	0.01	4.136	O	|	|	|	3.49
43.000	0.00	0.01	4.136	O	|	|	|	3.49
43.083	0.00	0.01	4.136	O	|	|	|	3.49
43.167	0.00	0.01	4.136	O	|	|	|	3.49
43.250	0.00	0.01	4.136	O	|	|	|	3.49
43.333	0.00	0.01	4.136	O	|	|	|	3.49
43.417	0.00	0.01	4.136	O	|	|	|	3.49
43.500	0.00	0.01	4.136	O	|	|	|	3.49
43.583	0.00	0.01	4.136	O	|	|	|	3.49
43.667	0.00	0.01	4.136	O	|	|	|	3.49
43.750	0.00	0.01	4.135	O	|	|	|	3.49

43.833	0.00	0.01	4.135	O				3.49
43.917	0.00	0.01	4.135	O				3.49
44.000	0.00	0.01	4.135	O				3.49
44.083	0.00	0.01	4.135	O				3.49
44.167	0.00	0.01	4.135	O				3.49
44.250	0.00	0.01	4.135	O				3.49
44.333	0.00	0.01	4.135	O				3.49
44.417	0.00	0.01	4.135	O				3.49
44.500	0.00	0.01	4.135	O				3.49
44.583	0.00	0.01	4.135	O				3.49
44.667	0.00	0.01	4.135	O				3.49
44.750	0.00	0.01	4.135	O				3.49
44.833	0.00	0.01	4.135	O				3.49
44.917	0.00	0.01	4.135	O				3.49
45.000	0.00	0.01	4.134	O				3.49
45.083	0.00	0.01	4.134	O				3.49
45.167	0.00	0.01	4.134	O				3.49
45.250	0.00	0.01	4.134	O				3.49
45.333	0.00	0.01	4.134	O				3.49
45.417	0.00	0.01	4.134	O				3.49
45.500	0.00	0.01	4.134	O				3.49
45.583	0.00	0.01	4.134	O				3.49
45.667	0.00	0.01	4.134	O				3.49
45.750	0.00	0.01	4.134	O				3.49
45.833	0.00	0.01	4.134	O				3.49
45.917	0.00	0.01	4.134	O				3.49
46.000	0.00	0.01	4.134	O				3.49
46.083	0.00	0.01	4.134	O				3.49
46.167	0.00	0.01	4.133	O				3.49
46.250	0.00	0.01	4.133	O				3.49
46.333	0.00	0.01	4.133	O				3.49
46.417	0.00	0.01	4.133	O				3.49
46.500	0.00	0.01	4.133	O				3.49
46.583	0.00	0.01	4.133	O				3.49
46.667	0.00	0.01	4.133	O				3.49
46.750	0.00	0.01	4.133	O				3.49
46.833	0.00	0.01	4.133	O				3.49
46.917	0.00	0.01	4.133	O				3.49
47.000	0.00	0.01	4.133	O				3.49
47.083	0.00	0.01	4.133	O				3.49
47.167	0.00	0.01	4.133	O				3.49
47.250	0.00	0.01	4.133	O				3.49
47.333	0.00	0.01	4.133	O				3.49
47.417	0.00	0.01	4.132	O				3.49
47.500	0.00	0.01	4.132	O				3.49
47.583	0.00	0.01	4.132	O				3.49
47.667	0.00	0.01	4.132	O				3.48
47.750	0.00	0.01	4.132	O				3.48
47.833	0.00	0.01	4.132	O				3.48
47.917	0.00	0.01	4.132	O				3.48

48.000	0.00	0.01	4.132	O	|	|	|	|	3.48
48.083	0.00	0.01	4.132	O	|	|	|	|	3.48
48.167	0.00	0.01	4.132	O	|	|	|	|	3.48
48.250	0.00	0.01	4.132	O	|	|	|	|	3.48
48.333	0.00	0.01	4.132	O	|	|	|	|	3.48
48.417	0.00	0.01	4.132	O	|	|	|	|	3.48
48.500	0.00	0.01	4.132	O	|	|	|	|	3.48
48.583	0.00	0.01	4.131	O	|	|	|	|	3.48
48.667	0.00	0.01	4.131	O	|	|	|	|	3.48
48.750	0.00	0.01	4.131	O	|	|	|	|	3.48
48.833	0.00	0.01	4.131	O	|	|	|	|	3.48
48.917	0.00	0.01	4.131	O	|	|	|	|	3.48
49.000	0.00	0.01	4.131	O	|	|	|	|	3.48
49.083	0.00	0.01	4.131	O	|	|	|	|	3.48
49.167	0.00	0.01	4.131	O	|	|	|	|	3.48
49.250	0.00	0.01	4.131	O	|	|	|	|	3.48
49.333	0.00	0.01	4.131	O	|	|	|	|	3.48
49.417	0.00	0.01	4.131	O	|	|	|	|	3.48
49.500	0.00	0.01	4.131	O	|	|	|	|	3.48
49.583	0.00	0.01	4.131	O	|	|	|	|	3.48
49.667	0.00	0.01	4.131	O	|	|	|	|	3.48
49.750	0.00	0.01	4.131	O	|	|	|	|	3.48
49.833	0.00	0.01	4.130	O	|	|	|	|	3.48
49.917	0.00	0.01	4.130	O	|	|	|	|	3.48
50.000	0.00	0.01	4.130	O	|	|	|	|	3.48
50.083	0.00	0.01	4.130	O	|	|	|	|	3.48
50.167	0.00	0.01	4.130	O	|	|	|	|	3.48
50.250	0.00	0.01	4.130	O	|	|	|	|	3.48
50.333	0.00	0.01	4.130	O	|	|	|	|	3.48
50.417	0.00	0.01	4.130	O	|	|	|	|	3.48
50.500	0.00	0.01	4.130	O	|	|	|	|	3.48
50.583	0.00	0.01	4.130	O	|	|	|	|	3.48
50.667	0.00	0.01	4.130	O	|	|	|	|	3.48
50.750	0.00	0.01	4.130	O	|	|	|	|	3.48
50.833	0.00	0.01	4.130	O	|	|	|	|	3.48
50.917	0.00	0.01	4.130	O	|	|	|	|	3.48
51.000	0.00	0.01	4.129	O	|	|	|	|	3.48
51.083	0.00	0.01	4.129	O	|	|	|	|	3.48
51.167	0.00	0.01	4.129	O	|	|	|	|	3.48
51.250	0.00	0.01	4.129	O	|	|	|	|	3.48
51.333	0.00	0.01	4.129	O	|	|	|	|	3.48
51.417	0.00	0.01	4.129	O	|	|	|	|	3.48
51.500	0.00	0.01	4.129	O	|	|	|	|	3.48
51.583	0.00	0.01	4.129	O	|	|	|	|	3.48
51.667	0.00	0.01	4.129	O	|	|	|	|	3.48
51.750	0.00	0.01	4.129	O	|	|	|	|	3.48
51.833	0.00	0.01	4.129	O	|	|	|	|	3.48
51.917	0.00	0.01	4.129	O	|	|	|	|	3.48
52.000	0.00	0.01	4.129	O	|	|	|	|	3.48
52.083	0.00	0.01	4.129	O	|	|	|	|	3.48

52.167	0.00	0.01	4.129	O				3.48
52.250	0.00	0.01	4.128	O				3.48
52.333	0.00	0.01	4.128	O				3.48
52.417	0.00	0.01	4.128	O				3.48
52.500	0.00	0.01	4.128	O				3.48
52.583	0.00	0.01	4.128	O				3.48
52.667	0.00	0.01	4.128	O				3.48
52.750	0.00	0.01	4.128	O				3.48
52.833	0.00	0.01	4.128	O				3.48
52.917	0.00	0.01	4.128	O				3.48
53.000	0.00	0.01	4.128	O				3.48
53.083	0.00	0.01	4.128	O				3.48
53.167	0.00	0.01	4.128	O				3.48
53.250	0.00	0.01	4.128	O				3.48
53.333	0.00	0.01	4.128	O				3.48
53.417	0.00	0.01	4.127	O				3.48
53.500	0.00	0.01	4.127	O				3.48
53.583	0.00	0.01	4.127	O				3.48
53.667	0.00	0.01	4.127	O				3.48
53.750	0.00	0.01	4.127	O				3.48
53.833	0.00	0.01	4.127	O				3.48
53.917	0.00	0.01	4.127	O				3.48
54.000	0.00	0.01	4.127	O				3.48
54.083	0.00	0.01	4.127	O				3.48
54.167	0.00	0.01	4.127	O				3.48
54.250	0.00	0.01	4.127	O				3.48
54.333	0.00	0.01	4.127	O				3.48
54.417	0.00	0.01	4.127	O				3.48
54.500	0.00	0.01	4.127	O				3.48
54.583	0.00	0.01	4.127	O				3.48
54.667	0.00	0.01	4.126	O				3.48
54.750	0.00	0.01	4.126	O				3.48
54.833	0.00	0.01	4.126	O				3.48
54.917	0.00	0.01	4.126	O				3.48
55.000	0.00	0.01	4.126	O				3.48
55.083	0.00	0.01	4.126	O				3.48
55.167	0.00	0.01	4.126	O				3.48
55.250	0.00	0.01	4.126	O				3.48
55.333	0.00	0.01	4.126	O				3.48
55.417	0.00	0.01	4.126	O				3.48
55.500	0.00	0.01	4.126	O				3.48
55.583	0.00	0.01	4.126	O				3.48
55.667	0.00	0.01	4.126	O				3.48
55.750	0.00	0.01	4.126	O				3.48
55.833	0.00	0.01	4.125	O				3.48
55.917	0.00	0.01	4.125	O				3.48
56.000	0.00	0.01	4.125	O				3.48
56.083	0.00	0.01	4.125	O				3.48
56.167	0.00	0.01	4.125	O				3.48
56.250	0.00	0.01	4.125	O				3.48

56.333	0.00	0.01	4.125	O				3.48
56.417	0.00	0.01	4.125	O				3.48
56.500	0.00	0.01	4.125	O				3.48
56.583	0.00	0.01	4.125	O				3.48
56.667	0.00	0.01	4.125	O				3.48
56.750	0.00	0.01	4.125	O				3.48
56.833	0.00	0.01	4.125	O				3.48
56.917	0.00	0.01	4.125	O				3.48
57.000	0.00	0.01	4.125	O				3.48
57.083	0.00	0.01	4.124	O				3.48
57.167	0.00	0.01	4.124	O				3.48
57.250	0.00	0.01	4.124	O				3.48
57.333	0.00	0.01	4.124	O				3.48
57.417	0.00	0.01	4.124	O				3.48
57.500	0.00	0.01	4.124	O				3.48
57.583	0.00	0.01	4.124	O				3.48
57.667	0.00	0.01	4.124	O				3.48
57.750	0.00	0.01	4.124	O				3.48
57.833	0.00	0.01	4.124	O				3.48
57.917	0.00	0.01	4.124	O				3.48
58.000	0.00	0.01	4.124	O				3.48
58.083	0.00	0.01	4.124	O				3.48
58.167	0.00	0.01	4.124	O				3.48
58.250	0.00	0.01	4.123	O				3.48
58.333	0.00	0.01	4.123	O				3.48
58.417	0.00	0.01	4.123	O				3.48
58.500	0.00	0.01	4.123	O				3.48
58.583	0.00	0.01	4.123	O				3.48
58.667	0.00	0.01	4.123	O				3.48
58.750	0.00	0.01	4.123	O				3.48
58.833	0.00	0.01	4.123	O				3.48
58.917	0.00	0.01	4.123	O				3.48
59.000	0.00	0.01	4.123	O				3.48
59.083	0.00	0.01	4.123	O				3.48
59.167	0.00	0.01	4.123	O				3.48
59.250	0.00	0.01	4.123	O				3.48
59.333	0.00	0.01	4.123	O				3.48
59.417	0.00	0.01	4.123	O				3.48
59.500	0.00	0.01	4.122	O				3.48
59.583	0.00	0.01	4.122	O				3.48
59.667	0.00	0.01	4.122	O				3.48
59.750	0.00	0.01	4.122	O				3.48
59.833	0.00	0.01	4.122	O				3.48
59.917	0.00	0.01	4.122	O				3.48
60.000	0.00	0.01	4.122	O				3.48
60.083	0.00	0.01	4.122	O				3.48
60.167	0.00	0.01	4.122	O				3.48
60.250	0.00	0.01	4.122	O				3.48
60.333	0.00	0.01	4.122	O				3.48
60.417	0.00	0.01	4.122	O				3.48

60.500	0.00	0.01	4.122	O				3.48
60.583	0.00	0.01	4.122	O				3.48
60.667	0.00	0.01	4.121	O				3.48
60.750	0.00	0.01	4.121	O				3.48
60.833	0.00	0.01	4.121	O				3.48
60.917	0.00	0.01	4.121	O				3.48
61.000	0.00	0.01	4.121	O				3.48
61.083	0.00	0.01	4.121	O				3.48
61.167	0.00	0.01	4.121	O				3.48
61.250	0.00	0.01	4.121	O				3.48
61.333	0.00	0.01	4.121	O				3.48
61.417	0.00	0.01	4.121	O				3.48
61.500	0.00	0.01	4.121	O				3.48
61.583	0.00	0.01	4.121	O				3.48
61.667	0.00	0.01	4.121	O				3.48
61.750	0.00	0.01	4.121	O				3.48
61.833	0.00	0.01	4.121	O				3.48
61.917	0.00	0.01	4.120	O				3.47
62.000	0.00	0.01	4.120	O				3.47
62.083	0.00	0.01	4.120	O				3.47
62.167	0.00	0.01	4.120	O				3.47
62.250	0.00	0.01	4.120	O				3.47
62.333	0.00	0.01	4.120	O				3.47
62.417	0.00	0.01	4.120	O				3.47
62.500	0.00	0.01	4.120	O				3.47
62.583	0.00	0.01	4.120	O				3.47
62.667	0.00	0.01	4.120	O				3.47
62.750	0.00	0.01	4.120	O				3.47
62.833	0.00	0.01	4.120	O				3.47
62.917	0.00	0.01	4.120	O				3.47
63.000	0.00	0.01	4.120	O				3.47
63.083	0.00	0.01	4.120	O				3.47
63.167	0.00	0.01	4.119	O				3.47
63.250	0.00	0.01	4.119	O				3.47
63.333	0.00	0.01	4.119	O				3.47
63.417	0.00	0.01	4.119	O				3.47
63.500	0.00	0.01	4.119	O				3.47
63.583	0.00	0.01	4.119	O				3.47
63.667	0.00	0.01	4.119	O				3.47
63.750	0.00	0.01	4.119	O				3.47
63.833	0.00	0.01	4.119	O				3.47
63.917	0.00	0.01	4.119	O				3.47
64.000	0.00	0.01	4.119	O				3.47
64.083	0.00	0.01	4.119	O				3.47
64.167	0.00	0.01	4.119	O				3.47
64.250	0.00	0.01	4.119	O				3.47
64.333	0.00	0.01	4.118	O				3.47
64.417	0.00	0.01	4.118	O				3.47
64.500	0.00	0.01	4.118	O				3.47
64.583	0.00	0.01	4.118	O				3.47

64.667	0.00	0.01	4.118	O					3.47
64.750	0.00	0.01	4.118	O					3.47
64.833	0.00	0.01	4.118	O					3.47
64.917	0.00	0.01	4.118	O					3.47
65.000	0.00	0.01	4.118	O					3.47
65.083	0.00	0.01	4.118	O					3.47
65.167	0.00	0.01	4.118	O					3.47
65.250	0.00	0.01	4.118	O					3.47
65.333	0.00	0.01	4.118	O					3.47
65.417	0.00	0.01	4.118	O					3.47
65.500	0.00	0.01	4.118	O					3.47
65.583	0.00	0.01	4.117	O					3.47
65.667	0.00	0.01	4.117	O					3.47
65.750	0.00	0.01	4.117	O					3.47
65.833	0.00	0.01	4.117	O					3.47
65.917	0.00	0.01	4.117	O					3.47
66.000	0.00	0.01	4.117	O					3.47
66.083	0.00	0.01	4.117	O					3.47
66.167	0.00	0.01	4.117	O					3.47
66.250	0.00	0.01	4.117	O					3.47
66.333	0.00	0.01	4.117	O					3.47
66.417	0.00	0.01	4.117	O					3.47
66.500	0.00	0.01	4.117	O					3.47
66.583	0.00	0.01	4.117	O					3.47
66.667	0.00	0.01	4.117	O					3.47
66.750	0.00	0.01	4.116	O					3.47
66.833	0.00	0.01	4.116	O					3.47
66.917	0.00	0.01	4.116	O					3.47
67.000	0.00	0.01	4.116	O					3.47
67.083	0.00	0.01	4.116	O					3.47
67.167	0.00	0.01	4.116	O					3.47
67.250	0.00	0.01	4.116	O					3.47
67.333	0.00	0.01	4.116	O					3.47
67.417	0.00	0.01	4.116	O					3.47
67.500	0.00	0.01	4.116	O					3.47
67.583	0.00	0.01	4.116	O					3.47
67.667	0.00	0.01	4.116	O					3.47
67.750	0.00	0.01	4.116	O					3.47
67.833	0.00	0.01	4.116	O					3.47
67.917	0.00	0.01	4.116	O					3.47
68.000	0.00	0.01	4.115	O					3.47
68.083	0.00	0.01	4.115	O					3.47
68.167	0.00	0.01	4.115	O					3.47
68.250	0.00	0.01	4.115	O					3.47
68.333	0.00	0.01	4.115	O					3.47
68.417	0.00	0.01	4.115	O					3.47
68.500	0.00	0.01	4.115	O					3.47
68.583	0.00	0.01	4.115	O					3.47
68.667	0.00	0.01	4.115	O					3.47
68.750	0.00	0.01	4.115	O					3.47

68.833	0.00	0.01	4.115	O				3.47
68.917	0.00	0.01	4.115	O				3.47
69.000	0.00	0.01	4.115	O				3.47
69.083	0.00	0.01	4.115	O				3.47
69.167	0.00	0.01	4.114	O				3.47
69.250	0.00	0.01	4.114	O				3.47
69.333	0.00	0.01	4.114	O				3.47
69.417	0.00	0.01	4.114	O				3.47
69.500	0.00	0.01	4.114	O				3.47
69.583	0.00	0.01	4.114	O				3.47
69.667	0.00	0.01	4.114	O				3.47
69.750	0.00	0.01	4.114	O				3.47
69.833	0.00	0.01	4.114	O				3.47
69.917	0.00	0.01	4.114	O				3.47
70.000	0.00	0.01	4.114	O				3.47
70.083	0.00	0.01	4.114	O				3.47
70.167	0.00	0.01	4.114	O				3.47
70.250	0.00	0.01	4.114	O				3.47
70.333	0.00	0.01	4.114	O				3.47
70.417	0.00	0.01	4.113	O				3.47
70.500	0.00	0.01	4.113	O				3.47
70.583	0.00	0.01	4.113	O				3.47
70.667	0.00	0.01	4.113	O				3.47
70.750	0.00	0.01	4.113	O				3.47
70.833	0.00	0.01	4.113	O				3.47
70.917	0.00	0.01	4.113	O				3.47
71.000	0.00	0.01	4.113	O				3.47
71.083	0.00	0.01	4.113	O				3.47
71.167	0.00	0.01	4.113	O				3.47
71.250	0.00	0.01	4.113	O				3.47
71.333	0.00	0.01	4.113	O				3.47
71.417	0.00	0.01	4.113	O				3.47
71.500	0.00	0.01	4.113	O				3.47
71.583	0.00	0.01	4.112	O				3.47
71.667	0.00	0.01	4.112	O				3.47
71.750	0.00	0.01	4.112	O				3.47
71.833	0.00	0.01	4.112	O				3.47
71.917	0.00	0.01	4.112	O				3.47
72.000	0.00	0.01	4.112	O				3.47
72.083	0.00	0.01	4.112	O				3.47
72.167	0.00	0.01	4.112	O				3.47
72.250	0.00	0.01	4.112	O				3.47
72.333	0.00	0.01	4.112	O				3.47
72.417	0.00	0.01	4.112	O				3.47
72.500	0.00	0.01	4.112	O				3.47
72.583	0.00	0.01	4.112	O				3.47
72.667	0.00	0.01	4.112	O				3.47
72.750	0.00	0.01	4.112	O				3.47
72.833	0.00	0.01	4.111	O				3.47
72.917	0.00	0.01	4.111	O				3.47

73.000	0.00	0.01	4.111	O				3.47
73.083	0.00	0.01	4.111	O				3.47
73.167	0.00	0.01	4.111	O				3.47
73.250	0.00	0.01	4.111	O				3.47
73.333	0.00	0.01	4.111	O				3.47
73.417	0.00	0.01	4.111	O				3.47
73.500	0.00	0.01	4.111	O				3.47
73.583	0.00	0.01	4.111	O				3.47
73.667	0.00	0.01	4.111	O				3.47
73.750	0.00	0.01	4.111	O				3.47
73.833	0.00	0.01	4.111	O				3.47
73.917	0.00	0.01	4.111	O				3.47
74.000	0.00	0.01	4.110	O				3.47
74.083	0.00	0.01	4.110	O				3.47
74.167	0.00	0.01	4.110	O				3.47
74.250	0.00	0.01	4.110	O				3.47
74.333	0.00	0.01	4.110	O				3.47
74.417	0.00	0.01	4.110	O				3.47
74.500	0.00	0.01	4.110	O				3.47
74.583	0.00	0.01	4.110	O				3.47
74.667	0.00	0.01	4.110	O				3.47
74.750	0.00	0.01	4.110	O				3.47
74.833	0.00	0.01	4.110	O				3.47
74.917	0.00	0.01	4.110	O				3.47
75.000	0.00	0.01	4.110	O				3.47
75.083	0.00	0.01	4.110	O				3.47
75.167	0.00	0.01	4.110	O				3.47
75.250	0.00	0.01	4.109	O				3.47
75.333	0.00	0.01	4.109	O				3.47
75.417	0.00	0.01	4.109	O				3.47
75.500	0.00	0.01	4.109	O				3.47
75.583	0.00	0.01	4.109	O				3.47
75.667	0.00	0.01	4.109	O				3.47
75.750	0.00	0.01	4.109	O				3.47
75.833	0.00	0.01	4.109	O				3.47
75.917	0.00	0.01	4.109	O				3.47
76.000	0.00	0.01	4.109	O				3.47
76.083	0.00	0.01	4.109	O				3.47
76.167	0.00	0.01	4.109	O				3.46
76.250	0.00	0.01	4.109	O				3.46
76.333	0.00	0.01	4.109	O				3.46
76.417	0.00	0.01	4.108	O				3.46
76.500	0.00	0.01	4.108	O				3.46
76.583	0.00	0.01	4.108	O				3.46
76.667	0.00	0.01	4.108	O				3.46
76.750	0.00	0.01	4.108	O				3.46
76.833	0.00	0.01	4.108	O				3.46
76.917	0.00	0.01	4.108	O				3.46
77.000	0.00	0.01	4.108	O				3.46
77.083	0.00	0.01	4.108	O				3.46

77.167	0.00	0.01	4.108	O				3.46
77.250	0.00	0.01	4.108	O				3.46
77.333	0.00	0.01	4.108	O				3.46
77.417	0.00	0.01	4.108	O				3.46
77.500	0.00	0.01	4.108	O				3.46
77.583	0.00	0.01	4.108	O				3.46
77.667	0.00	0.01	4.107	O				3.46
77.750	0.00	0.01	4.107	O				3.46
77.833	0.00	0.01	4.107	O				3.46
77.917	0.00	0.01	4.107	O				3.46
78.000	0.00	0.01	4.107	O				3.46
78.083	0.00	0.01	4.107	O				3.46
78.167	0.00	0.01	4.107	O				3.46
78.250	0.00	0.01	4.107	O				3.46
78.333	0.00	0.01	4.107	O				3.46
78.417	0.00	0.01	4.107	O				3.46
78.500	0.00	0.01	4.107	O				3.46
78.583	0.00	0.01	4.107	O				3.46
78.667	0.00	0.01	4.107	O				3.46
78.750	0.00	0.01	4.107	O				3.46
78.833	0.00	0.01	4.106	O				3.46
78.917	0.00	0.01	4.106	O				3.46
79.000	0.00	0.01	4.106	O				3.46
79.083	0.00	0.01	4.106	O				3.46
79.167	0.00	0.01	4.106	O				3.46
79.250	0.00	0.01	4.106	O				3.46
79.333	0.00	0.01	4.106	O				3.46
79.417	0.00	0.01	4.106	O				3.46
79.500	0.00	0.01	4.106	O				3.46
79.583	0.00	0.01	4.106	O				3.46
79.667	0.00	0.01	4.106	O				3.46
79.750	0.00	0.01	4.106	O				3.46
79.833	0.00	0.01	4.106	O				3.46
79.917	0.00	0.01	4.106	O				3.46
80.000	0.00	0.01	4.106	O				3.46
80.083	0.00	0.01	4.105	O				3.46
80.167	0.00	0.01	4.105	O				3.46
80.250	0.00	0.01	4.105	O				3.46
80.333	0.00	0.01	4.105	O				3.46
80.417	0.00	0.01	4.105	O				3.46
80.500	0.00	0.01	4.105	O				3.46
80.583	0.00	0.01	4.105	O				3.46
80.667	0.00	0.01	4.105	O				3.46
80.750	0.00	0.01	4.105	O				3.46
80.833	0.00	0.01	4.105	O				3.46
80.917	0.00	0.01	4.105	O				3.46
81.000	0.00	0.01	4.105	O				3.46
81.083	0.00	0.01	4.105	O				3.46
81.167	0.00	0.01	4.105	O				3.46
81.250	0.00	0.01	4.104	O				3.46

81.333	0.00	0.01	4.104	O				3.46
81.417	0.00	0.01	4.104	O				3.46
81.500	0.00	0.01	4.104	O				3.46
81.583	0.00	0.01	4.104	O				3.46
81.667	0.00	0.01	4.104	O				3.46
81.750	0.00	0.01	4.104	O				3.46
81.833	0.00	0.01	4.104	O				3.46
81.917	0.00	0.01	4.104	O				3.46
82.000	0.00	0.01	4.104	O				3.46
82.083	0.00	0.01	4.104	O				3.46
82.167	0.00	0.01	4.104	O				3.46
82.250	0.00	0.01	4.104	O				3.46
82.333	0.00	0.01	4.104	O				3.46
82.417	0.00	0.01	4.104	O				3.46
82.500	0.00	0.01	4.103	O				3.46
82.583	0.00	0.01	4.103	O				3.46
82.667	0.00	0.01	4.103	O				3.46
82.750	0.00	0.01	4.103	O				3.46
82.833	0.00	0.01	4.103	O				3.46
82.917	0.00	0.01	4.103	O				3.46
83.000	0.00	0.01	4.103	O				3.46
83.083	0.00	0.01	4.103	O				3.46
83.167	0.00	0.01	4.103	O				3.46
83.250	0.00	0.01	4.103	O				3.46
83.333	0.00	0.01	4.103	O				3.46
83.417	0.00	0.01	4.103	O				3.46
83.500	0.00	0.01	4.103	O				3.46
83.583	0.00	0.01	4.103	O				3.46
83.667	0.00	0.01	4.102	O				3.46
83.750	0.00	0.01	4.102	O				3.46
83.833	0.00	0.01	4.102	O				3.46
83.917	0.00	0.01	4.102	O				3.46
84.000	0.00	0.01	4.102	O				3.46
84.083	0.00	0.01	4.102	O				3.46
84.167	0.00	0.01	4.102	O				3.46
84.250	0.00	0.01	4.102	O				3.46
84.333	0.00	0.01	4.102	O				3.46
84.417	0.00	0.01	4.102	O				3.46
84.500	0.00	0.01	4.102	O				3.46
84.583	0.00	0.01	4.102	O				3.46
84.667	0.00	0.01	4.102	O				3.46
84.750	0.00	0.01	4.102	O				3.46
84.833	0.00	0.01	4.102	O				3.46
84.917	0.00	0.01	4.101	O				3.46
85.000	0.00	0.01	4.101	O				3.46
85.083	0.00	0.01	4.101	O				3.46
85.167	0.00	0.01	4.101	O				3.46
85.250	0.00	0.01	4.101	O				3.46
85.333	0.00	0.01	4.101	O				3.46
85.417	0.00	0.01	4.101	O				3.46

85.500	0.00	0.01	4.101	O	|	|	|	|	3.46
85.583	0.00	0.01	4.101	O	|	|	|	|	3.46
85.667	0.00	0.01	4.101	O	|	|	|	|	3.46
85.750	0.00	0.01	4.101	O	|	|	|	|	3.46
85.833	0.00	0.01	4.101	O	|	|	|	|	3.46
85.917	0.00	0.01	4.101	O	|	|	|	|	3.46
86.000	0.00	0.01	4.101	O	|	|	|	|	3.46
86.083	0.00	0.01	4.100	O	|	|	|	|	3.46
86.167	0.00	0.01	4.100	O	|	|	|	|	3.46
86.250	0.00	0.01	4.100	O	|	|	|	|	3.46
86.333	0.00	0.01	4.100	O	|	|	|	|	3.46
86.417	0.00	0.01	4.100	O	|	|	|	|	3.46
86.500	0.00	0.01	4.100	O	|	|	|	|	3.46
86.583	0.00	0.01	4.100	O	|	|	|	|	3.46
86.667	0.00	0.01	4.100	O	|	|	|	|	3.46
86.750	0.00	0.01	4.100	O	|	|	|	|	3.46
86.833	0.00	0.01	4.100	O	|	|	|	|	3.46
86.917	0.00	0.01	4.100	O	|	|	|	|	3.46
87.000	0.00	0.01	4.100	O	|	|	|	|	3.46
87.083	0.00	0.01	4.100	O	|	|	|	|	3.46
87.167	0.00	0.01	4.100	O	|	|	|	|	3.46
87.250	0.00	0.01	4.100	O	|	|	|	|	3.46
87.333	0.00	0.01	4.099	O	|	|	|	|	3.46
87.417	0.00	0.01	4.099	O	|	|	|	|	3.46
87.500	0.00	0.01	4.099	O	|	|	|	|	3.46
87.583	0.00	0.01	4.099	O	|	|	|	|	3.46
87.667	0.00	0.01	4.099	O	|	|	|	|	3.46
87.750	0.00	0.01	4.099	O	|	|	|	|	3.46
87.833	0.00	0.01	4.099	O	|	|	|	|	3.46
87.917	0.00	0.01	4.099	O	|	|	|	|	3.46
88.000	0.00	0.01	4.099	O	|	|	|	|	3.46
88.083	0.00	0.01	4.099	O	|	|	|	|	3.46
88.167	0.00	0.01	4.099	O	|	|	|	|	3.46
88.250	0.00	0.01	4.099	O	|	|	|	|	3.46
88.333	0.00	0.01	4.099	O	|	|	|	|	3.46
88.417	0.00	0.01	4.099	O	|	|	|	|	3.46
88.500	0.00	0.01	4.098	O	|	|	|	|	3.46
88.583	0.00	0.01	4.098	O	|	|	|	|	3.46
88.667	0.00	0.01	4.098	O	|	|	|	|	3.46
88.750	0.00	0.01	4.098	O	|	|	|	|	3.46
88.833	0.00	0.01	4.098	O	|	|	|	|	3.46
88.917	0.00	0.01	4.098	O	|	|	|	|	3.46
89.000	0.00	0.01	4.098	O	|	|	|	|	3.46
89.083	0.00	0.01	4.098	O	|	|	|	|	3.46
89.167	0.00	0.01	4.098	O	|	|	|	|	3.46
89.250	0.00	0.01	4.098	O	|	|	|	|	3.46
89.333	0.00	0.01	4.098	O	|	|	|	|	3.46
89.417	0.00	0.01	4.098	O	|	|	|	|	3.46
89.500	0.00	0.01	4.098	O	|	|	|	|	3.46
89.583	0.00	0.01	4.098	O	|	|	|	|	3.46

89.667	0.00	0.01	4.098	O				3.46
89.750	0.00	0.01	4.097	O				3.46
89.833	0.00	0.01	4.097	O				3.46
89.917	0.00	0.01	4.097	O				3.46
90.000	0.00	0.01	4.097	O				3.46
90.083	0.00	0.01	4.097	O				3.46
90.167	0.00	0.01	4.097	O				3.46
90.250	0.00	0.01	4.097	O				3.46
90.333	0.00	0.01	4.097	O				3.46
90.417	0.00	0.01	4.097	O				3.46
90.500	0.00	0.01	4.097	O				3.45
90.583	0.00	0.01	4.097	O				3.45
90.667	0.00	0.01	4.097	O				3.45
90.750	0.00	0.01	4.097	O				3.45
90.833	0.00	0.01	4.097	O				3.45
90.917	0.00	0.01	4.096	O				3.45
91.000	0.00	0.01	4.096	O				3.45
91.083	0.00	0.01	4.096	O				3.45
91.167	0.00	0.01	4.096	O				3.45
91.250	0.00	0.01	4.096	O				3.45
91.333	0.00	0.01	4.096	O				3.45
91.417	0.00	0.01	4.096	O				3.45
91.500	0.00	0.01	4.096	O				3.45
91.583	0.00	0.01	4.096	O				3.45
91.667	0.00	0.01	4.096	O				3.45
91.750	0.00	0.01	4.096	O				3.45
91.833	0.00	0.01	4.096	O				3.45
91.917	0.00	0.01	4.096	O				3.45
92.000	0.00	0.01	4.096	O				3.45
92.083	0.00	0.01	4.096	O				3.45
92.167	0.00	0.01	4.095	O				3.45
92.250	0.00	0.01	4.095	O				3.45
92.333	0.00	0.01	4.095	O				3.45
92.417	0.00	0.01	4.095	O				3.45
92.500	0.00	0.01	4.095	O				3.45
92.583	0.00	0.01	4.095	O				3.45
92.667	0.00	0.01	4.095	O				3.45
92.750	0.00	0.01	4.095	O				3.45
92.833	0.00	0.01	4.095	O				3.45
92.917	0.00	0.01	4.095	O				3.45
93.000	0.00	0.01	4.095	O				3.45
93.083	0.00	0.01	4.095	O				3.45
93.167	0.00	0.01	4.095	O				3.45
93.250	0.00	0.01	4.095	O				3.45
93.333	0.00	0.01	4.095	O				3.45
93.417	0.00	0.01	4.094	O				3.45
93.500	0.00	0.01	4.094	O				3.45
93.583	0.00	0.01	4.094	O				3.45
93.667	0.00	0.01	4.094	O				3.45
93.750	0.00	0.01	4.094	O				3.45

93.833	0.00	0.01	4.094	O				3.45
93.917	0.00	0.01	4.094	O				3.45
94.000	0.00	0.01	4.094	O				3.45
94.083	0.00	0.01	4.094	O				3.45
94.167	0.00	0.01	4.094	O				3.45
94.250	0.00	0.01	4.094	O				3.45
94.333	0.00	0.01	4.094	O				3.45
94.417	0.00	0.01	4.094	O				3.45
94.500	0.00	0.01	4.094	O				3.45
94.583	0.00	0.01	4.093	O				3.45
94.667	0.00	0.01	4.093	O				3.45
94.750	0.00	0.01	4.093	O				3.45
94.833	0.00	0.01	4.093	O				3.45
94.917	0.00	0.01	4.093	O				3.45
95.000	0.00	0.01	4.093	O				3.45
95.083	0.00	0.01	4.093	O				3.45
95.167	0.00	0.01	4.093	O				3.45
95.250	0.00	0.01	4.093	O				3.45
95.333	0.00	0.01	4.093	O				3.45
95.417	0.00	0.01	4.093	O				3.45
95.500	0.00	0.01	4.093	O				3.45
95.583	0.00	0.01	4.093	O				3.45
95.667	0.00	0.01	4.093	O				3.45
95.750	0.00	0.01	4.093	O				3.45
95.833	0.00	0.01	4.092	O				3.45
95.917	0.00	0.01	4.092	O				3.45
96.000	0.00	0.01	4.092	O				3.45
96.083	0.00	0.01	4.092	O				3.45
96.167	0.00	0.01	4.092	O				3.45
96.250	0.00	0.01	4.092	O				3.45
96.333	0.00	0.01	4.092	O				3.45
96.417	0.00	0.01	4.092	O				3.45
96.500	0.00	0.01	4.092	O				3.45
96.583	0.00	0.01	4.092	O				3.45
96.667	0.00	0.01	4.092	O				3.45
96.750	0.00	0.01	4.092	O				3.45
96.833	0.00	0.01	4.092	O				3.45
96.917	0.00	0.01	4.092	O				3.45
97.000	0.00	0.01	4.091	O				3.45
97.083	0.00	0.01	4.091	O				3.45
97.167	0.00	0.01	4.091	O				3.45
97.250	0.00	0.01	4.091	O				3.45
97.333	0.00	0.01	4.091	O				3.45
97.417	0.00	0.01	4.091	O				3.45
97.500	0.00	0.01	4.091	O				3.45
97.583	0.00	0.01	4.091	O				3.45
97.667	0.00	0.01	4.091	O				3.45
97.750	0.00	0.01	4.091	O				3.45
97.833	0.00	0.01	4.091	O				3.45
97.917	0.00	0.01	4.091	O				3.45

98.000	0.00	0.01	4.091	O				3.45
98.083	0.00	0.01	4.091	O				3.45
98.167	0.00	0.01	4.091	O				3.45
98.250	0.00	0.01	4.090	O				3.45
98.333	0.00	0.01	4.090	O				3.45
98.417	0.00	0.01	4.090	O				3.45
98.500	0.00	0.01	4.090	O				3.45
98.583	0.00	0.01	4.090	O				3.45
98.667	0.00	0.01	4.090	O				3.45
98.750	0.00	0.01	4.090	O				3.45
98.833	0.00	0.01	4.090	O				3.45
98.917	0.00	0.01	4.090	O				3.45
99.000	0.00	0.01	4.090	O				3.45
99.083	0.00	0.01	4.090	O				3.45
99.167	0.00	0.01	4.090	O				3.45
99.250	0.00	0.01	4.090	O				3.45
99.333	0.00	0.01	4.090	O				3.45
99.417	0.00	0.01	4.089	O				3.45
99.500	0.00	0.01	4.089	O				3.45
99.583	0.00	0.01	4.089	O				3.45
99.667	0.00	0.01	4.089	O				3.45
99.750	0.00	0.01	4.089	O				3.45
99.833	0.00	0.01	4.089	O				3.45
99.917	0.00	0.01	4.089	O				3.45
100.000	0.00	0.01	4.089	O				3.45
100.083	0.00	0.01	4.089	O				3.45
100.167	0.00	0.01	4.089	O				3.45
100.250	0.00	0.01	4.089	O				3.45
100.333	0.00	0.01	4.089	O				3.45
100.417	0.00	0.01	4.089	O				3.45
100.500	0.00	0.01	4.089	O				3.45
100.583	0.00	0.01	4.089	O				3.45
100.667	0.00	0.01	4.088	O				3.45
100.750	0.00	0.01	4.088	O				3.45
100.833	0.00	0.01	4.088	O				3.45
100.917	0.00	0.01	4.088	O				3.45
101.000	0.00	0.01	4.088	O				3.45
101.083	0.00	0.01	4.088	O				3.45
101.167	0.00	0.01	4.088	O				3.45
101.250	0.00	0.01	4.088	O				3.45
101.333	0.00	0.01	4.088	O				3.45
101.417	0.00	0.01	4.088	O				3.45
101.500	0.00	0.01	4.088	O				3.45
101.583	0.00	0.01	4.088	O				3.45
101.667	0.00	0.01	4.088	O				3.45
101.750	0.00	0.01	4.088	O				3.45
101.833	0.00	0.01	4.087	O				3.45
101.917	0.00	0.01	4.087	O				3.45
102.000	0.00	0.01	4.087	O				3.45
102.083	0.00	0.01	4.087	O				3.45

102.167	0.00	0.01	4.087	O				3.45
102.250	0.00	0.01	4.087	O				3.45
102.333	0.00	0.01	4.087	O				3.45
102.417	0.00	0.01	4.087	O				3.45
102.500	0.00	0.01	4.087	O				3.45
102.583	0.00	0.01	4.087	O				3.45
102.667	0.00	0.01	4.087	O				3.45
102.750	0.00	0.01	4.087	O				3.45
102.833	0.00	0.01	4.087	O				3.45
102.917	0.00	0.01	4.087	O				3.45
103.000	0.00	0.01	4.087	O				3.45
103.083	0.00	0.01	4.086	O				3.45
103.167	0.00	0.01	4.086	O				3.45
103.250	0.00	0.01	4.086	O				3.45
103.333	0.00	0.01	4.086	O				3.45
103.417	0.00	0.01	4.086	O				3.45
103.500	0.00	0.01	4.086	O				3.45
103.583	0.00	0.01	4.086	O				3.45
103.667	0.00	0.01	4.086	O				3.45
103.750	0.00	0.01	4.086	O				3.45
103.833	0.00	0.01	4.086	O				3.45
103.917	0.00	0.01	4.086	O				3.45
104.000	0.00	0.01	4.086	O				3.45
104.083	0.00	0.01	4.086	O				3.45
104.167	0.00	0.01	4.086	O				3.45
104.250	0.00	0.01	4.085	O				3.45
104.333	0.00	0.01	4.085	O				3.45
104.417	0.00	0.01	4.085	O				3.45
104.500	0.00	0.01	4.085	O				3.45
104.583	0.00	0.01	4.085	O				3.45
104.667	0.00	0.01	4.085	O				3.45
104.750	0.00	0.01	4.085	O				3.44
104.833	0.00	0.01	4.085	O				3.44
104.917	0.00	0.01	4.085	O				3.44
105.000	0.00	0.01	4.085	O				3.44
105.083	0.00	0.01	4.085	O				3.44
105.167	0.00	0.01	4.085	O				3.44
105.250	0.00	0.01	4.085	O				3.44
105.333	0.00	0.01	4.085	O				3.44
105.417	0.00	0.01	4.085	O				3.44
105.500	0.00	0.01	4.084	O				3.44
105.583	0.00	0.01	4.084	O				3.44
105.667	0.00	0.01	4.084	O				3.44
105.750	0.00	0.01	4.084	O				3.44
105.833	0.00	0.01	4.084	O				3.44
105.917	0.00	0.01	4.084	O				3.44
106.000	0.00	0.01	4.084	O				3.44
106.083	0.00	0.01	4.084	O				3.44
106.167	0.00	0.01	4.084	O				3.44
106.250	0.00	0.01	4.084	O				3.44

106.333	0.00	0.01	4.084	O				3.44
106.417	0.00	0.01	4.084	O				3.44
106.500	0.00	0.01	4.084	O				3.44
106.583	0.00	0.01	4.084	O				3.44
106.667	0.00	0.01	4.083	O				3.44
106.750	0.00	0.01	4.083	O				3.44
106.833	0.00	0.01	4.083	O				3.44
106.917	0.00	0.01	4.083	O				3.44
107.000	0.00	0.01	4.083	O				3.44
107.083	0.00	0.01	4.083	O				3.44
107.167	0.00	0.01	4.083	O				3.44
107.250	0.00	0.01	4.083	O				3.44
107.333	0.00	0.01	4.083	O				3.44
107.417	0.00	0.01	4.083	O				3.44
107.500	0.00	0.01	4.083	O				3.44
107.583	0.00	0.01	4.083	O				3.44
107.667	0.00	0.01	4.083	O				3.44
107.750	0.00	0.01	4.083	O				3.44
107.833	0.00	0.01	4.083	O				3.44
107.917	0.00	0.01	4.082	O				3.44
108.000	0.00	0.01	4.082	O				3.44
108.083	0.00	0.01	4.082	O				3.44
108.167	0.00	0.01	4.082	O				3.44
108.250	0.00	0.01	4.082	O				3.44
108.333	0.00	0.01	4.082	O				3.44
108.417	0.00	0.01	4.082	O				3.44
108.500	0.00	0.01	4.082	O				3.44
108.583	0.00	0.01	4.082	O				3.44
108.667	0.00	0.01	4.082	O				3.44
108.750	0.00	0.01	4.082	O				3.44
108.833	0.00	0.01	4.082	O				3.44
108.917	0.00	0.01	4.082	O				3.44
109.000	0.00	0.01	4.082	O				3.44
109.083	0.00	0.01	4.081	O				3.44
109.167	0.00	0.01	4.081	O				3.44
109.250	0.00	0.01	4.081	O				3.44
109.333	0.00	0.01	4.081	O				3.44
109.417	0.00	0.01	4.081	O				3.44
109.500	0.00	0.01	4.081	O				3.44
109.583	0.00	0.01	4.081	O				3.44
109.667	0.00	0.01	4.081	O				3.44
109.750	0.00	0.01	4.081	O				3.44
109.833	0.00	0.01	4.081	O				3.44
109.917	0.00	0.01	4.081	O				3.44
110.000	0.00	0.01	4.081	O				3.44
110.083	0.00	0.01	4.081	O				3.44
110.167	0.00	0.01	4.081	O				3.44
110.250	0.00	0.01	4.081	O				3.44
110.333	0.00	0.01	4.080	O				3.44
110.417	0.00	0.01	4.080	O				3.44

110.500	0.00	0.01	4.080	O					3.44
110.583	0.00	0.01	4.080	O					3.44
110.667	0.00	0.01	4.080	O					3.44
110.750	0.00	0.01	4.080	O					3.44
110.833	0.00	0.01	4.080	O					3.44
110.917	0.00	0.01	4.080	O					3.44
111.000	0.00	0.01	4.080	O					3.44
111.083	0.00	0.01	4.080	O					3.44
111.167	0.00	0.01	4.080	O					3.44
111.250	0.00	0.01	4.080	O					3.44
111.333	0.00	0.01	4.080	O					3.44
111.417	0.00	0.01	4.080	O					3.44
111.500	0.00	0.01	4.079	O					3.44
111.583	0.00	0.01	4.079	O					3.44
111.667	0.00	0.01	4.079	O					3.44
111.750	0.00	0.01	4.079	O					3.44
111.833	0.00	0.01	4.079	O					3.44
111.917	0.00	0.01	4.079	O					3.44
112.000	0.00	0.01	4.079	O					3.44
112.083	0.00	0.01	4.079	O					3.44
112.167	0.00	0.01	4.079	O					3.44
112.250	0.00	0.01	4.079	O					3.44
112.333	0.00	0.01	4.079	O					3.44
112.417	0.00	0.01	4.079	O					3.44
112.500	0.00	0.01	4.079	O					3.44
112.583	0.00	0.01	4.079	O					3.44
112.667	0.00	0.01	4.079	O					3.44
112.750	0.00	0.01	4.078	O					3.44
112.833	0.00	0.01	4.078	O					3.44
112.917	0.00	0.01	4.078	O					3.44
113.000	0.00	0.01	4.078	O					3.44
113.083	0.00	0.01	4.078	O					3.44
113.167	0.00	0.01	4.078	O					3.44
113.250	0.00	0.01	4.078	O					3.44
113.333	0.00	0.01	4.078	O					3.44
113.417	0.00	0.01	4.078	O					3.44
113.500	0.00	0.01	4.078	O					3.44
113.583	0.00	0.01	4.078	O					3.44
113.667	0.00	0.01	4.078	O					3.44
113.750	0.00	0.01	4.078	O					3.44
113.833	0.00	0.01	4.078	O					3.44
113.917	0.00	0.01	4.077	O					3.44
114.000	0.00	0.01	4.077	O					3.44
114.083	0.00	0.01	4.077	O					3.44
114.167	0.00	0.01	4.077	O					3.44
114.250	0.00	0.01	4.077	O					3.44
114.333	0.00	0.01	4.077	O					3.44
114.417	0.00	0.01	4.077	O					3.44
114.500	0.00	0.01	4.077	O					3.44
114.583	0.00	0.01	4.077	O					3.44

114.667	0.00	0.01	4.077	O				3.44
114.750	0.00	0.01	4.077	O				3.44
114.833	0.00	0.01	4.077	O				3.44
114.917	0.00	0.01	4.077	O				3.44
115.000	0.00	0.01	4.077	O				3.44
115.083	0.00	0.01	4.077	O				3.44
115.167	0.00	0.01	4.076	O				3.44
115.250	0.00	0.01	4.076	O				3.44
115.333	0.00	0.01	4.076	O				3.44
115.417	0.00	0.01	4.076	O				3.44
115.500	0.00	0.01	4.076	O				3.44
115.583	0.00	0.01	4.076	O				3.44
115.667	0.00	0.01	4.076	O				3.44
115.750	0.00	0.01	4.076	O				3.44
115.833	0.00	0.01	4.076	O				3.44
115.917	0.00	0.01	4.076	O				3.44
116.000	0.00	0.01	4.076	O				3.44
116.083	0.00	0.01	4.076	O				3.44
116.167	0.00	0.01	4.076	O				3.44
116.250	0.00	0.01	4.076	O				3.44
116.333	0.00	0.01	4.075	O				3.44
116.417	0.00	0.01	4.075	O				3.44
116.500	0.00	0.01	4.075	O				3.44
116.583	0.00	0.01	4.075	O				3.44
116.667	0.00	0.01	4.075	O				3.44
116.750	0.00	0.01	4.075	O				3.44
116.833	0.00	0.01	4.075	O				3.44
116.917	0.00	0.01	4.075	O				3.44
117.000	0.00	0.01	4.075	O				3.44
117.083	0.00	0.01	4.075	O				3.44
117.167	0.00	0.01	4.075	O				3.44
117.250	0.00	0.01	4.075	O				3.44
117.333	0.00	0.01	4.075	O				3.44
117.417	0.00	0.01	4.075	O				3.44
117.500	0.00	0.01	4.075	O				3.44
117.583	0.00	0.01	4.074	O				3.44
117.667	0.00	0.01	4.074	O				3.44
117.750	0.00	0.01	4.074	O				3.44
117.833	0.00	0.01	4.074	O				3.44
117.917	0.00	0.01	4.074	O				3.44
118.000	0.00	0.01	4.074	O				3.44
118.083	0.00	0.01	4.074	O				3.44
118.167	0.00	0.01	4.074	O				3.44
118.250	0.00	0.01	4.074	O				3.44
118.333	0.00	0.01	4.074	O				3.44
118.417	0.00	0.01	4.074	O				3.44
118.500	0.00	0.01	4.074	O				3.44
118.583	0.00	0.01	4.074	O				3.44
118.667	0.00	0.01	4.074	O				3.44
118.750	0.00	0.01	4.073	O				3.44

118.833	0.00	0.01	4.073	O				3.44
118.917	0.00	0.01	4.073	O				3.44
119.000	0.00	0.01	4.073	O				3.43
119.083	0.00	0.01	4.073	O				3.43
119.167	0.00	0.01	4.073	O				3.43
119.250	0.00	0.01	4.073	O				3.43
119.333	0.00	0.01	4.073	O				3.43
119.417	0.00	0.01	4.073	O				3.43
119.500	0.00	0.01	4.073	O				3.43
119.583	0.00	0.01	4.073	O				3.43
119.667	0.00	0.01	4.073	O				3.43
119.750	0.00	0.01	4.073	O				3.43
119.833	0.00	0.01	4.073	O				3.43
119.917	0.00	0.01	4.073	O				3.43
120.000	0.00	0.01	4.072	O				3.43
120.083	0.00	0.01	4.072	O				3.43
120.167	0.00	0.01	4.072	O				3.43
120.250	0.00	0.01	4.072	O				3.43
120.333	0.00	0.01	4.072	O				3.43
120.417	0.00	0.01	4.072	O				3.43
120.500	0.00	0.01	4.072	O				3.43
120.583	0.00	0.01	4.072	O				3.43
120.667	0.00	0.01	4.072	O				3.43
120.750	0.00	0.01	4.072	O				3.43
120.833	0.00	0.01	4.072	O				3.43
120.917	0.00	0.01	4.072	O				3.43
121.000	0.00	0.01	4.072	O				3.43
121.083	0.00	0.01	4.072	O				3.43
121.167	0.00	0.01	4.071	O				3.43
121.250	0.00	0.01	4.071	O				3.43
121.333	0.00	0.01	4.071	O				3.43
121.417	0.00	0.01	4.071	O				3.43
121.500	0.00	0.01	4.071	O				3.43
121.583	0.00	0.01	4.071	O				3.43
121.667	0.00	0.01	4.071	O				3.43
121.750	0.00	0.01	4.071	O				3.43
121.833	0.00	0.01	4.071	O				3.43
121.917	0.00	0.01	4.071	O				3.43
122.000	0.00	0.01	4.071	O				3.43
122.083	0.00	0.01	4.071	O				3.43
122.167	0.00	0.01	4.071	O				3.43
122.250	0.00	0.01	4.071	O				3.43
122.333	0.00	0.01	4.071	O				3.43
122.417	0.00	0.01	4.070	O				3.43
122.500	0.00	0.01	4.070	O				3.43
122.583	0.00	0.01	4.070	O				3.43
122.667	0.00	0.01	4.070	O				3.43
122.750	0.00	0.01	4.070	O				3.43
122.833	0.00	0.01	4.070	O				3.43
122.917	0.00	0.01	4.070	O				3.43

123.000	0.00	0.01	4.070	O				3.43
123.083	0.00	0.01	4.070	O				3.43
123.167	0.00	0.01	4.070	O				3.43
123.250	0.00	0.01	4.070	O				3.43
123.333	0.00	0.01	4.070	O				3.43
123.417	0.00	0.01	4.070	O				3.43
123.500	0.00	0.01	4.070	O				3.43
123.583	0.00	0.01	4.070	O				3.43
123.667	0.00	0.01	4.069	O				3.43
123.750	0.00	0.01	4.069	O				3.43
123.833	0.00	0.01	4.069	O				3.43
123.917	0.00	0.01	4.069	O				3.43
124.000	0.00	0.01	4.069	O				3.43
124.083	0.00	0.01	4.069	O				3.43
124.167	0.00	0.01	4.069	O				3.43
124.250	0.00	0.01	4.069	O				3.43
124.333	0.00	0.01	4.069	O				3.43
124.417	0.00	0.01	4.069	O				3.43
124.500	0.00	0.01	4.069	O				3.43
124.583	0.00	0.01	4.069	O				3.43
124.667	0.00	0.01	4.069	O				3.43
124.750	0.00	0.01	4.069	O				3.43
124.833	0.00	0.01	4.068	O				3.43
124.917	0.00	0.01	4.068	O				3.43
125.000	0.00	0.01	4.068	O				3.43
125.083	0.00	0.01	4.068	O				3.43
125.167	0.00	0.01	4.068	O				3.43
125.250	0.00	0.01	4.068	O				3.43
125.333	0.00	0.01	4.068	O				3.43
125.417	0.00	0.01	4.068	O				3.43
125.500	0.00	0.01	4.068	O				3.43
125.583	0.00	0.01	4.068	O				3.43
125.667	0.00	0.01	4.068	O				3.43
125.750	0.00	0.01	4.068	O				3.43
125.833	0.00	0.01	4.068	O				3.43
125.917	0.00	0.01	4.068	O				3.43
126.000	0.00	0.01	4.068	O				3.43
126.083	0.00	0.01	4.067	O				3.43
126.167	0.00	0.01	4.067	O				3.43
126.250	0.00	0.01	4.067	O				3.43
126.333	0.00	0.01	4.067	O				3.43
126.417	0.00	0.01	4.067	O				3.43
126.500	0.00	0.01	4.067	O				3.43
126.583	0.00	0.01	4.067	O				3.43
126.667	0.00	0.01	4.067	O				3.43
126.750	0.00	0.01	4.067	O				3.43
126.833	0.00	0.01	4.067	O				3.43
126.917	0.00	0.01	4.067	O				3.43
127.000	0.00	0.01	4.067	O				3.43
127.083	0.00	0.01	4.067	O				3.43

127.167	0.00	0.01	4.067	O					3.43
127.250	0.00	0.01	4.066	O					3.43
127.333	0.00	0.01	4.066	O					3.43
127.417	0.00	0.01	4.066	O					3.43
127.500	0.00	0.01	4.066	O					3.43
127.583	0.00	0.01	4.066	O					3.43
127.667	0.00	0.01	4.066	O					3.43
127.750	0.00	0.01	4.066	O					3.43
127.833	0.00	0.01	4.066	O					3.43
127.917	0.00	0.01	4.066	O					3.43
128.000	0.00	0.01	4.066	O					3.43
128.083	0.00	0.01	4.066	O					3.43
128.167	0.00	0.01	4.066	O					3.43
128.250	0.00	0.01	4.066	O					3.43
128.333	0.00	0.01	4.066	O					3.43
128.417	0.00	0.01	4.066	O					3.43
128.500	0.00	0.01	4.065	O					3.43
128.583	0.00	0.01	4.065	O					3.43
128.667	0.00	0.01	4.065	O					3.43
128.750	0.00	0.01	4.065	O					3.43
128.833	0.00	0.01	4.065	O					3.43
128.917	0.00	0.01	4.065	O					3.43
129.000	0.00	0.01	4.065	O					3.43
129.083	0.00	0.01	4.065	O					3.43
129.167	0.00	0.01	4.065	O					3.43
129.250	0.00	0.01	4.065	O					3.43
129.333	0.00	0.01	4.065	O					3.43
129.417	0.00	0.01	4.065	O					3.43
129.500	0.00	0.01	4.065	O					3.43
129.583	0.00	0.01	4.065	O					3.43
129.667	0.00	0.01	4.064	O					3.43
129.750	0.00	0.01	4.064	O					3.43
129.833	0.00	0.01	4.064	O					3.43
129.917	0.00	0.01	4.064	O					3.43
130.000	0.00	0.01	4.064	O					3.43
130.083	0.00	0.01	4.064	O					3.43
130.167	0.00	0.01	4.064	O					3.43
130.250	0.00	0.01	4.064	O					3.43
130.333	0.00	0.01	4.064	O					3.43
130.417	0.00	0.01	4.064	O					3.43
130.500	0.00	0.01	4.064	O					3.43
130.583	0.00	0.01	4.064	O					3.43
130.667	0.00	0.01	4.064	O					3.43
130.750	0.00	0.01	4.064	O					3.43
130.833	0.00	0.01	4.064	O					3.43
130.917	0.00	0.01	4.063	O					3.43
131.000	0.00	0.01	4.063	O					3.43
131.083	0.00	0.01	4.063	O					3.43
131.167	0.00	0.01	4.063	O					3.43
131.250	0.00	0.01	4.063	O					3.43

131.333	0.00	0.01	4.063	O				3.43
131.417	0.00	0.01	4.063	O				3.43
131.500	0.00	0.01	4.063	O				3.43
131.583	0.00	0.01	4.063	O				3.43
131.667	0.00	0.01	4.063	O				3.43
131.750	0.00	0.01	4.063	O				3.43
131.833	0.00	0.01	4.063	O				3.43
131.917	0.00	0.01	4.063	O				3.43
132.000	0.00	0.01	4.063	O				3.43
132.083	0.00	0.01	4.062	O				3.43
132.167	0.00	0.01	4.062	O				3.43
132.250	0.00	0.01	4.062	O				3.43
132.333	0.00	0.01	4.062	O				3.43
132.417	0.00	0.01	4.062	O				3.43
132.500	0.00	0.01	4.062	O				3.43
132.583	0.00	0.01	4.062	O				3.43
132.667	0.00	0.01	4.062	O				3.43
132.750	0.00	0.01	4.062	O				3.43
132.833	0.00	0.01	4.062	O				3.43
132.917	0.00	0.01	4.062	O				3.43
133.000	0.00	0.01	4.062	O				3.43
133.083	0.00	0.01	4.062	O				3.43
133.167	0.00	0.01	4.062	O				3.43
133.250	0.00	0.01	4.062	O				3.43
133.333	0.00	0.01	4.061	O				3.42
133.417	0.00	0.01	4.061	O				3.42
133.500	0.00	0.01	4.061	O				3.42
133.583	0.00	0.01	4.061	O				3.42
133.667	0.00	0.01	4.061	O				3.42
133.750	0.00	0.01	4.061	O				3.42
133.833	0.00	0.01	4.061	O				3.42
133.917	0.00	0.01	4.061	O				3.42
134.000	0.00	0.01	4.061	O				3.42
134.083	0.00	0.01	4.061	O				3.42
134.167	0.00	0.01	4.061	O				3.42
134.250	0.00	0.01	4.061	O				3.42
134.333	0.00	0.01	4.061	O				3.42
134.417	0.00	0.01	4.061	O				3.42
134.500	0.00	0.01	4.060	O				3.42
134.583	0.00	0.01	4.060	O				3.42
134.667	0.00	0.01	4.060	O				3.42
134.750	0.00	0.01	4.060	O				3.42
134.833	0.00	0.01	4.060	O				3.42
134.917	0.00	0.01	4.060	O				3.42
135.000	0.00	0.01	4.060	O				3.42
135.083	0.00	0.01	4.060	O				3.42
135.167	0.00	0.01	4.060	O				3.42
135.250	0.00	0.01	4.060	O				3.42
135.333	0.00	0.01	4.060	O				3.42
135.417	0.00	0.01	4.060	O				3.42

135.500	0.00	0.01	4.060	O				3.42
135.583	0.00	0.01	4.060	O				3.42
135.667	0.00	0.01	4.060	O				3.42
135.750	0.00	0.01	4.059	O				3.42
135.833	0.00	0.01	4.059	O				3.42
135.917	0.00	0.01	4.059	O				3.42
136.000	0.00	0.01	4.059	O				3.42
136.083	0.00	0.01	4.059	O				3.42
136.167	0.00	0.01	4.059	O				3.42
136.250	0.00	0.01	4.059	O				3.42
136.333	0.00	0.01	4.059	O				3.42
136.417	0.00	0.01	4.059	O				3.42
136.500	0.00	0.01	4.059	O				3.42
136.583	0.00	0.01	4.059	O				3.42
136.667	0.00	0.01	4.059	O				3.42
136.750	0.00	0.01	4.059	O				3.42
136.833	0.00	0.01	4.059	O				3.42
136.917	0.00	0.01	4.058	O				3.42
137.000	0.00	0.01	4.058	O				3.42
137.083	0.00	0.01	4.058	O				3.42
137.167	0.00	0.01	4.058	O				3.42
137.250	0.00	0.01	4.058	O				3.42
137.333	0.00	0.01	4.058	O				3.42
137.417	0.00	0.01	4.058	O				3.42
137.500	0.00	0.01	4.058	O				3.42
137.583	0.00	0.01	4.058	O				3.42
137.667	0.00	0.01	4.058	O				3.42
137.750	0.00	0.01	4.058	O				3.42
137.833	0.00	0.01	4.058	O				3.42
137.917	0.00	0.01	4.058	O				3.42
138.000	0.00	0.01	4.058	O				3.42
138.083	0.00	0.01	4.058	O				3.42
138.167	0.00	0.01	4.057	O				3.42
138.250	0.00	0.01	4.057	O				3.42
138.333	0.00	0.01	4.057	O				3.42
138.417	0.00	0.01	4.057	O				3.42
138.500	0.00	0.01	4.057	O				3.42
138.583	0.00	0.01	4.057	O				3.42
138.667	0.00	0.01	4.057	O				3.42
138.750	0.00	0.01	4.057	O				3.42
138.833	0.00	0.01	4.057	O				3.42
138.917	0.00	0.01	4.057	O				3.42
139.000	0.00	0.01	4.057	O				3.42
139.083	0.00	0.01	4.057	O				3.42
139.167	0.00	0.01	4.057	O				3.42
139.250	0.00	0.01	4.057	O				3.42
139.333	0.00	0.01	4.056	O				3.42
139.417	0.00	0.01	4.056	O				3.42
139.500	0.00	0.01	4.056	O				3.42
139.583	0.00	0.01	4.056	O				3.42

139.667	0.00	0.01	4.056	O				3.42
139.750	0.00	0.01	4.056	O				3.42
139.833	0.00	0.01	4.056	O				3.42
139.917	0.00	0.01	4.056	O				3.42
140.000	0.00	0.01	4.056	O				3.42
140.083	0.00	0.01	4.056	O				3.42
140.167	0.00	0.01	4.056	O				3.42
140.250	0.00	0.01	4.056	O				3.42
140.333	0.00	0.01	4.056	O				3.42
140.417	0.00	0.01	4.056	O				3.42
140.500	0.00	0.01	4.056	O				3.42
140.583	0.00	0.01	4.055	O				3.42
140.667	0.00	0.01	4.055	O				3.42
140.750	0.00	0.01	4.055	O				3.42
140.833	0.00	0.01	4.055	O				3.42
140.917	0.00	0.01	4.055	O				3.42
141.000	0.00	0.01	4.055	O				3.42
141.083	0.00	0.01	4.055	O				3.42
141.167	0.00	0.01	4.055	O				3.42
141.250	0.00	0.01	4.055	O				3.42
141.333	0.00	0.01	4.055	O				3.42
141.417	0.00	0.01	4.055	O				3.42
141.500	0.00	0.01	4.055	O				3.42
141.583	0.00	0.01	4.055	O				3.42
141.667	0.00	0.01	4.055	O				3.42
141.750	0.00	0.01	4.054	O				3.42
141.833	0.00	0.01	4.054	O				3.42
141.917	0.00	0.01	4.054	O				3.42
142.000	0.00	0.01	4.054	O				3.42
142.083	0.00	0.01	4.054	O				3.42
142.167	0.00	0.01	4.054	O				3.42
142.250	0.00	0.01	4.054	O				3.42
142.333	0.00	0.01	4.054	O				3.42
142.417	0.00	0.01	4.054	O				3.42
142.500	0.00	0.01	4.054	O				3.42
142.583	0.00	0.01	4.054	O				3.42
142.667	0.00	0.01	4.054	O				3.42
142.750	0.00	0.01	4.054	O				3.42
142.833	0.00	0.01	4.054	O				3.42
142.917	0.00	0.01	4.054	O				3.42
143.000	0.00	0.01	4.053	O				3.42
143.083	0.00	0.01	4.053	O				3.42
143.167	0.00	0.01	4.053	O				3.42
143.250	0.00	0.01	4.053	O				3.42
143.333	0.00	0.01	4.053	O				3.42
143.417	0.00	0.01	4.053	O				3.42
143.500	0.00	0.01	4.053	O				3.42
143.583	0.00	0.01	4.053	O				3.42
143.667	0.00	0.01	4.053	O				3.42
143.750	0.00	0.01	4.053	O				3.42

143.833	0.00	0.01	4.053	O				3.42
143.917	0.00	0.01	4.053	O				3.42
144.000	0.00	0.01	4.053	O				3.42
144.083	0.00	0.01	4.053	O				3.42
144.167	0.00	0.01	4.052	O				3.42
144.250	0.00	0.01	4.052	O				3.42
144.333	0.00	0.01	4.052	O				3.42
144.417	0.00	0.01	4.052	O				3.42
144.500	0.00	0.01	4.052	O				3.42
144.583	0.00	0.01	4.052	O				3.42
144.667	0.00	0.01	4.052	O				3.42
144.750	0.00	0.01	4.052	O				3.42
144.833	0.00	0.01	4.052	O				3.42
144.917	0.00	0.01	4.052	O				3.42
145.000	0.00	0.01	4.052	O				3.42
145.083	0.00	0.01	4.052	O				3.42
145.167	0.00	0.01	4.052	O				3.42
145.250	0.00	0.01	4.052	O				3.42
145.333	0.00	0.01	4.052	O				3.42
145.417	0.00	0.01	4.051	O				3.42
145.500	0.00	0.01	4.051	O				3.42
145.583	0.00	0.01	4.051	O				3.42
145.667	0.00	0.01	4.051	O				3.42
145.750	0.00	0.01	4.051	O				3.42
145.833	0.00	0.01	4.051	O				3.42
145.917	0.00	0.01	4.051	O				3.42
146.000	0.00	0.01	4.051	O				3.42
146.083	0.00	0.01	4.051	O				3.42
146.167	0.00	0.01	4.051	O				3.42
146.250	0.00	0.01	4.051	O				3.42
146.333	0.00	0.01	4.051	O				3.42
146.417	0.00	0.01	4.051	O				3.42
146.500	0.00	0.01	4.051	O				3.42
146.583	0.00	0.01	4.050	O				3.42
146.667	0.00	0.01	4.050	O				3.42
146.750	0.00	0.01	4.050	O				3.42
146.833	0.00	0.01	4.050	O				3.42
146.917	0.00	0.01	4.050	O				3.42
147.000	0.00	0.01	4.050	O				3.42
147.083	0.00	0.01	4.050	O				3.42
147.167	0.00	0.01	4.050	O				3.42
147.250	0.00	0.01	4.050	O				3.42
147.333	0.00	0.01	4.050	O				3.42
147.417	0.00	0.01	4.050	O				3.42
147.500	0.00	0.01	4.050	O				3.42
147.583	0.00	0.01	4.050	O				3.41
147.667	0.00	0.01	4.050	O				3.41
147.750	0.00	0.01	4.050	O				3.41
147.833	0.00	0.01	4.049	O				3.41
147.917	0.00	0.01	4.049	O				3.41

148.000	0.00	0.01	4.049	O				3.41
148.083	0.00	0.01	4.049	O				3.41
148.167	0.00	0.01	4.049	O				3.41
148.250	0.00	0.01	4.049	O				3.41
148.333	0.00	0.01	4.049	O				3.41
148.417	0.00	0.01	4.049	O				3.41
148.500	0.00	0.01	4.049	O				3.41
148.583	0.00	0.01	4.049	O				3.41
148.667	0.00	0.01	4.049	O				3.41
148.750	0.00	0.01	4.049	O				3.41
148.833	0.00	0.01	4.049	O				3.41
148.917	0.00	0.01	4.049	O				3.41
149.000	0.00	0.01	4.048	O				3.41
149.083	0.00	0.01	4.048	O				3.41
149.167	0.00	0.01	4.048	O				3.41
149.250	0.00	0.01	4.048	O				3.41
149.333	0.00	0.01	4.048	O				3.41
149.417	0.00	0.01	4.048	O				3.41
149.500	0.00	0.01	4.048	O				3.41
149.583	0.00	0.01	4.048	O				3.41
149.667	0.00	0.01	4.048	O				3.41
149.750	0.00	0.01	4.048	O				3.41
149.833	0.00	0.01	4.048	O				3.41
149.917	0.00	0.01	4.048	O				3.41
150.000	0.00	0.01	4.048	O				3.41
150.083	0.00	0.01	4.048	O				3.41
150.167	0.00	0.01	4.048	O				3.41
150.250	0.00	0.01	4.047	O				3.41
150.333	0.00	0.01	4.047	O				3.41
150.417	0.00	0.01	4.047	O				3.41
150.500	0.00	0.01	4.047	O				3.41
150.583	0.00	0.01	4.047	O				3.41
150.667	0.00	0.01	4.047	O				3.41
150.750	0.00	0.01	4.047	O				3.41
150.833	0.00	0.01	4.047	O				3.41
150.917	0.00	0.01	4.047	O				3.41
151.000	0.00	0.01	4.047	O				3.41
151.083	0.00	0.01	4.047	O				3.41
151.167	0.00	0.01	4.047	O				3.41
151.250	0.00	0.01	4.047	O				3.41
151.333	0.00	0.01	4.047	O				3.41
151.417	0.00	0.01	4.046	O				3.41
151.500	0.00	0.01	4.046	O				3.41
151.583	0.00	0.01	4.046	O				3.41
151.667	0.00	0.01	4.046	O				3.41
151.750	0.00	0.01	4.046	O				3.41
151.833	0.00	0.01	4.046	O				3.41
151.917	0.00	0.01	4.046	O				3.41
152.000	0.00	0.01	4.046	O				3.41
152.083	0.00	0.01	4.046	O				3.41

152.167	0.00	0.01	4.046	O				3.41
152.250	0.00	0.01	4.046	O				3.41
152.333	0.00	0.01	4.046	O				3.41
152.417	0.00	0.01	4.046	O				3.41
152.500	0.00	0.01	4.046	O				3.41
152.583	0.00	0.01	4.046	O				3.41
152.667	0.00	0.01	4.045	O				3.41
152.750	0.00	0.01	4.045	O				3.41
152.833	0.00	0.01	4.045	O				3.41
152.917	0.00	0.01	4.045	O				3.41
153.000	0.00	0.01	4.045	O				3.41
153.083	0.00	0.01	4.045	O				3.41
153.167	0.00	0.01	4.045	O				3.41
153.250	0.00	0.01	4.045	O				3.41
153.333	0.00	0.01	4.045	O				3.41
153.417	0.00	0.01	4.045	O				3.41
153.500	0.00	0.01	4.045	O				3.41
153.583	0.00	0.01	4.045	O				3.41
153.667	0.00	0.01	4.045	O				3.41
153.750	0.00	0.01	4.045	O				3.41
153.833	0.00	0.01	4.045	O				3.41
153.917	0.00	0.01	4.044	O				3.41
154.000	0.00	0.01	4.044	O				3.41
154.083	0.00	0.01	4.044	O				3.41
154.167	0.00	0.01	4.044	O				3.41
154.250	0.00	0.01	4.044	O				3.41
154.333	0.00	0.01	4.044	O				3.41
154.417	0.00	0.01	4.044	O				3.41
154.500	0.00	0.01	4.044	O				3.41
154.583	0.00	0.01	4.044	O				3.41
154.667	0.00	0.01	4.044	O				3.41
154.750	0.00	0.01	4.044	O				3.41
154.833	0.00	0.01	4.044	O				3.41
154.917	0.00	0.01	4.044	O				3.41
155.000	0.00	0.01	4.044	O				3.41
155.083	0.00	0.01	4.043	O				3.41
155.167	0.00	0.01	4.043	O				3.41
155.250	0.00	0.01	4.043	O				3.41
155.333	0.00	0.01	4.043	O				3.41
155.417	0.00	0.01	4.043	O				3.41
155.500	0.00	0.01	4.043	O				3.41
155.583	0.00	0.01	4.043	O				3.41
155.667	0.00	0.01	4.043	O				3.41
155.750	0.00	0.01	4.043	O				3.41
155.833	0.00	0.01	4.043	O				3.41
155.917	0.00	0.01	4.043	O				3.41
156.000	0.00	0.01	4.043	O				3.41
156.083	0.00	0.01	4.043	O				3.41
156.167	0.00	0.01	4.043	O				3.41
156.250	0.00	0.01	4.043	O				3.41

156.333	0.00	0.01	4.042	O				3.41
156.417	0.00	0.01	4.042	O				3.41
156.500	0.00	0.01	4.042	O				3.41
156.583	0.00	0.01	4.042	O				3.41
156.667	0.00	0.01	4.042	O				3.41
156.750	0.00	0.01	4.042	O				3.41
156.833	0.00	0.01	4.042	O				3.41
156.917	0.00	0.01	4.042	O				3.41
157.000	0.00	0.01	4.042	O				3.41
157.083	0.00	0.01	4.042	O				3.41
157.167	0.00	0.01	4.042	O				3.41
157.250	0.00	0.01	4.042	O				3.41
157.333	0.00	0.01	4.042	O				3.41
157.417	0.00	0.01	4.042	O				3.41
157.500	0.00	0.01	4.041	O				3.41
157.583	0.00	0.01	4.041	O				3.41
157.667	0.00	0.01	4.041	O				3.41
157.750	0.00	0.01	4.041	O				3.41
157.833	0.00	0.01	4.041	O				3.41
157.917	0.00	0.01	4.041	O				3.41
158.000	0.00	0.01	4.041	O				3.41
158.083	0.00	0.01	4.041	O				3.41
158.167	0.00	0.01	4.041	O				3.41
158.250	0.00	0.01	4.041	O				3.41
158.333	0.00	0.01	4.041	O				3.41
158.417	0.00	0.01	4.041	O				3.41
158.500	0.00	0.01	4.041	O				3.41
158.583	0.00	0.01	4.041	O				3.41
158.667	0.00	0.01	4.041	O				3.41
158.750	0.00	0.01	4.040	O				3.41
158.833	0.00	0.01	4.040	O				3.41
158.917	0.00	0.01	4.040	O				3.41
159.000	0.00	0.01	4.040	O				3.41
159.083	0.00	0.01	4.040	O				3.41
159.167	0.00	0.01	4.040	O				3.41
159.250	0.00	0.01	4.040	O				3.41
159.333	0.00	0.01	4.040	O				3.41
159.417	0.00	0.01	4.040	O				3.41
159.500	0.00	0.01	4.040	O				3.41
159.583	0.00	0.01	4.040	O				3.41
159.667	0.00	0.01	4.040	O				3.41
159.750	0.00	0.01	4.040	O				3.41
159.833	0.00	0.01	4.040	O				3.41
159.917	0.00	0.01	4.039	O				3.41
160.000	0.00	0.01	4.039	O				3.41
160.083	0.00	0.01	4.039	O				3.41
160.167	0.00	0.01	4.039	O				3.41
160.250	0.00	0.01	4.039	O				3.41
160.333	0.00	0.01	4.039	O				3.41
160.417	0.00	0.01	4.039	O				3.41

160.500	0.00	0.01	4.039	O				3.41
160.583	0.00	0.01	4.039	O				3.41
160.667	0.00	0.01	4.039	O				3.41
160.750	0.00	0.01	4.039	O				3.41
160.833	0.00	0.01	4.039	O				3.41
160.917	0.00	0.01	4.039	O				3.41
161.000	0.00	0.01	4.039	O				3.41
161.083	0.00	0.01	4.039	O				3.41
161.167	0.00	0.01	4.038	O				3.41
161.250	0.00	0.01	4.038	O				3.41
161.333	0.00	0.01	4.038	O				3.41
161.417	0.00	0.01	4.038	O				3.41
161.500	0.00	0.01	4.038	O				3.41
161.583	0.00	0.01	4.038	O				3.41
161.667	0.00	0.01	4.038	O				3.41
161.750	0.00	0.01	4.038	O				3.41
161.833	0.00	0.01	4.038	O				3.40
161.917	0.00	0.01	4.038	O				3.40
162.000	0.00	0.01	4.038	O				3.40
162.083	0.00	0.01	4.038	O				3.40
162.167	0.00	0.01	4.038	O				3.40
162.250	0.00	0.01	4.038	O				3.40
162.333	0.00	0.01	4.037	O				3.40
162.417	0.00	0.01	4.037	O				3.40
162.500	0.00	0.01	4.037	O				3.40
162.583	0.00	0.01	4.037	O				3.40
162.667	0.00	0.01	4.037	O				3.40
162.750	0.00	0.01	4.037	O				3.40
162.833	0.00	0.01	4.037	O				3.40
162.917	0.00	0.01	4.037	O				3.40
163.000	0.00	0.01	4.037	O				3.40
163.083	0.00	0.01	4.037	O				3.40
163.167	0.00	0.01	4.037	O				3.40
163.250	0.00	0.01	4.037	O				3.40
163.333	0.00	0.01	4.037	O				3.40
163.417	0.00	0.01	4.037	O				3.40
163.500	0.00	0.01	4.037	O				3.40
163.583	0.00	0.01	4.036	O				3.40
163.667	0.00	0.01	4.036	O				3.40
163.750	0.00	0.01	4.036	O				3.40
163.833	0.00	0.01	4.036	O				3.40
163.917	0.00	0.01	4.036	O				3.40
164.000	0.00	0.01	4.036	O				3.40
164.083	0.00	0.01	4.036	O				3.40
164.167	0.00	0.01	4.036	O				3.40
164.250	0.00	0.01	4.036	O				3.40
164.333	0.00	0.01	4.036	O				3.40
164.417	0.00	0.01	4.036	O				3.40
164.500	0.00	0.01	4.036	O				3.40
164.583	0.00	0.01	4.036	O				3.40

164.667	0.00	0.01	4.036	O				3.40
164.750	0.00	0.01	4.035	O				3.40
164.833	0.00	0.01	4.035	O				3.40
164.917	0.00	0.01	4.035	O				3.40
165.000	0.00	0.01	4.035	O				3.40
165.083	0.00	0.01	4.035	O				3.40
165.167	0.00	0.01	4.035	O				3.40
165.250	0.00	0.01	4.035	O				3.40
165.333	0.00	0.01	4.035	O				3.40
165.417	0.00	0.01	4.035	O				3.40
165.500	0.00	0.01	4.035	O				3.40
165.583	0.00	0.01	4.035	O				3.40
165.667	0.00	0.01	4.035	O				3.40
165.750	0.00	0.01	4.035	O				3.40
165.833	0.00	0.01	4.035	O				3.40
165.917	0.00	0.01	4.035	O				3.40
166.000	0.00	0.01	4.034	O				3.40
166.083	0.00	0.01	4.034	O				3.40
166.167	0.00	0.01	4.034	O				3.40
166.250	0.00	0.01	4.034	O				3.40
166.333	0.00	0.01	4.034	O				3.40
166.417	0.00	0.01	4.034	O				3.40
166.500	0.00	0.01	4.034	O				3.40
166.583	0.00	0.01	4.034	O				3.40
166.667	0.00	0.01	4.034	O				3.40
166.750	0.00	0.01	4.034	O				3.40
166.833	0.00	0.01	4.034	O				3.40
166.917	0.00	0.01	4.034	O				3.40
167.000	0.00	0.01	4.034	O				3.40
167.083	0.00	0.01	4.034	O				3.40
167.167	0.00	0.01	4.033	O				3.40
167.250	0.00	0.01	4.033	O				3.40
167.333	0.00	0.01	4.033	O				3.40
167.417	0.00	0.01	4.033	O				3.40
167.500	0.00	0.01	4.033	O				3.40
167.583	0.00	0.01	4.033	O				3.40
167.667	0.00	0.01	4.033	O				3.40
167.750	0.00	0.01	4.033	O				3.40
167.833	0.00	0.01	4.033	O				3.40
167.917	0.00	0.01	4.033	O				3.40
168.000	0.00	0.01	4.033	O				3.40
168.083	0.00	0.01	4.033	O				3.40
168.167	0.00	0.01	4.033	O				3.40
168.250	0.00	0.01	4.033	O				3.40
168.333	0.00	0.01	4.033	O				3.40
168.417	0.00	0.01	4.032	O				3.40
168.500	0.00	0.01	4.032	O				3.40
168.583	0.00	0.01	4.032	O				3.40
168.667	0.00	0.01	4.032	O				3.40
168.750	0.00	0.01	4.032	O				3.40

168.833	0.00	0.01	4.032	O				3.40
168.917	0.00	0.01	4.032	O				3.40
169.000	0.00	0.01	4.032	O				3.40
169.083	0.00	0.01	4.032	O				3.40
169.167	0.00	0.01	4.032	O				3.40
169.250	0.00	0.01	4.032	O				3.40
169.333	0.00	0.01	4.032	O				3.40
169.417	0.00	0.01	4.032	O				3.40
169.500	0.00	0.01	4.032	O				3.40
169.583	0.00	0.01	4.031	O				3.40
169.667	0.00	0.01	4.031	O				3.40
169.750	0.00	0.01	4.031	O				3.40
169.833	0.00	0.01	4.031	O				3.40
169.917	0.00	0.01	4.031	O				3.40
170.000	0.00	0.01	4.031	O				3.40
170.083	0.00	0.01	4.031	O				3.40
170.167	0.00	0.01	4.031	O				3.40
170.250	0.00	0.01	4.031	O				3.40
170.333	0.00	0.01	4.031	O				3.40
170.417	0.00	0.01	4.031	O				3.40
170.500	0.00	0.01	4.031	O				3.40
170.583	0.00	0.01	4.031	O				3.40
170.667	0.00	0.01	4.031	O				3.40
170.750	0.00	0.01	4.031	O				3.40
170.833	0.00	0.01	4.030	O				3.40
170.917	0.00	0.01	4.030	O				3.40
171.000	0.00	0.01	4.030	O				3.40
171.083	0.00	0.01	4.030	O				3.40
171.167	0.00	0.01	4.030	O				3.40
171.250	0.00	0.01	4.030	O				3.40
171.333	0.00	0.01	4.030	O				3.40
171.417	0.00	0.01	4.030	O				3.40
171.500	0.00	0.01	4.030	O				3.40
171.583	0.00	0.01	4.030	O				3.40
171.667	0.00	0.01	4.030	O				3.40
171.750	0.00	0.01	4.030	O				3.40
171.833	0.00	0.01	4.030	O				3.40
171.917	0.00	0.01	4.030	O				3.40
172.000	0.00	0.01	4.029	O				3.40
172.083	0.00	0.01	4.029	O				3.40
172.167	0.00	0.01	4.029	O				3.40
172.250	0.00	0.01	4.029	O				3.40
172.333	0.00	0.01	4.029	O				3.40
172.417	0.00	0.01	4.029	O				3.40
172.500	0.00	0.01	4.029	O				3.40
172.583	0.00	0.01	4.029	O				3.40
172.667	0.00	0.01	4.029	O				3.40
172.750	0.00	0.01	4.029	O				3.40
172.833	0.00	0.01	4.029	O				3.40
172.917	0.00	0.01	4.029	O				3.40

173.000	0.00	0.01	4.029	O				3.40
173.083	0.00	0.01	4.029	O				3.40
173.167	0.00	0.01	4.029	O				3.40
173.250	0.00	0.01	4.028	O				3.40
173.333	0.00	0.01	4.028	O				3.40
173.417	0.00	0.01	4.028	O				3.40
173.500	0.00	0.01	4.028	O				3.40
173.583	0.00	0.01	4.028	O				3.40
173.667	0.00	0.01	4.028	O				3.40
173.750	0.00	0.01	4.028	O				3.40
173.833	0.00	0.01	4.028	O				3.40
173.917	0.00	0.01	4.028	O				3.40
174.000	0.00	0.01	4.028	O				3.40
174.083	0.00	0.01	4.028	O				3.40
174.167	0.00	0.01	4.028	O				3.40
174.250	0.00	0.01	4.028	O				3.40
174.333	0.00	0.01	4.028	O				3.40
174.417	0.00	0.01	4.027	O				3.40
174.500	0.00	0.01	4.027	O				3.40
174.583	0.00	0.01	4.027	O				3.40
174.667	0.00	0.01	4.027	O				3.40
174.750	0.00	0.01	4.027	O				3.40
174.833	0.00	0.01	4.027	O				3.40
174.917	0.00	0.01	4.027	O				3.40
175.000	0.00	0.01	4.027	O				3.40
175.083	0.00	0.01	4.027	O				3.40
175.167	0.00	0.01	4.027	O				3.40
175.250	0.00	0.01	4.027	O				3.40
175.333	0.00	0.01	4.027	O				3.40
175.417	0.00	0.01	4.027	O				3.40
175.500	0.00	0.01	4.027	O				3.40
175.583	0.00	0.01	4.027	O				3.40
175.667	0.00	0.01	4.026	O				3.40
175.750	0.00	0.01	4.026	O				3.40
175.833	0.00	0.01	4.026	O				3.40
175.917	0.00	0.01	4.026	O				3.40
176.000	0.00	0.01	4.026	O				3.40
176.083	0.00	0.01	4.026	O				3.40
176.167	0.00	0.01	4.026	O				3.39
176.250	0.00	0.01	4.026	O				3.39
176.333	0.00	0.01	4.026	O				3.39
176.417	0.00	0.01	4.026	O				3.39
176.500	0.00	0.01	4.026	O				3.39
176.583	0.00	0.01	4.026	O				3.39
176.667	0.00	0.01	4.026	O				3.39
176.750	0.00	0.01	4.026	O				3.39
176.833	0.00	0.01	4.025	O				3.39
176.917	0.00	0.01	4.025	O				3.39
177.000	0.00	0.01	4.025	O				3.39
177.083	0.00	0.01	4.025	O				3.39

177.167	0.00	0.01	4.025	O				3.39
177.250	0.00	0.01	4.025	O				3.39
177.333	0.00	0.01	4.025	O				3.39
177.417	0.00	0.01	4.025	O				3.39
177.500	0.00	0.01	4.025	O				3.39
177.583	0.00	0.01	4.025	O				3.39
177.667	0.00	0.01	4.025	O				3.39
177.750	0.00	0.01	4.025	O				3.39
177.833	0.00	0.01	4.025	O				3.39
177.917	0.00	0.01	4.025	O				3.39
178.000	0.00	0.01	4.025	O				3.39
178.083	0.00	0.01	4.024	O				3.39
178.167	0.00	0.01	4.024	O				3.39
178.250	0.00	0.01	4.024	O				3.39
178.333	0.00	0.01	4.024	O				3.39
178.417	0.00	0.01	4.024	O				3.39
178.500	0.00	0.01	4.024	O				3.39
178.583	0.00	0.01	4.024	O				3.39
178.667	0.00	0.01	4.024	O				3.39
178.750	0.00	0.01	4.024	O				3.39
178.833	0.00	0.01	4.024	O				3.39
178.917	0.00	0.01	4.024	O				3.39
179.000	0.00	0.01	4.024	O				3.39
179.083	0.00	0.01	4.024	O				3.39
179.167	0.00	0.01	4.024	O				3.39
179.250	0.00	0.01	4.023	O				3.39
179.333	0.00	0.01	4.023	O				3.39
179.417	0.00	0.01	4.023	O				3.39
179.500	0.00	0.01	4.023	O				3.39
179.583	0.00	0.01	4.023	O				3.39
179.667	0.00	0.01	4.023	O				3.39
179.750	0.00	0.01	4.023	O				3.39
179.833	0.00	0.01	4.023	O				3.39
179.917	0.00	0.01	4.023	O				3.39
180.000	0.00	0.01	4.023	O				3.39
180.083	0.00	0.01	4.023	O				3.39
180.167	0.00	0.01	4.023	O				3.39
180.250	0.00	0.01	4.023	O				3.39
180.333	0.00	0.01	4.023	O				3.39
180.417	0.00	0.01	4.023	O				3.39
180.500	0.00	0.01	4.022	O				3.39
180.583	0.00	0.01	4.022	O				3.39
180.667	0.00	0.01	4.022	O				3.39
180.750	0.00	0.01	4.022	O				3.39
180.833	0.00	0.01	4.022	O				3.39
180.917	0.00	0.01	4.022	O				3.39
181.000	0.00	0.01	4.022	O				3.39
181.083	0.00	0.01	4.022	O				3.39
181.167	0.00	0.01	4.022	O				3.39
181.250	0.00	0.01	4.022	O				3.39

181.333	0.00	0.01	4.022	O				3.39
181.417	0.00	0.01	4.022	O				3.39
181.500	0.00	0.01	4.022	O				3.39
181.583	0.00	0.01	4.022	O				3.39
181.667	0.00	0.01	4.021	O				3.39
181.750	0.00	0.01	4.021	O				3.39
181.833	0.00	0.01	4.021	O				3.39
181.917	0.00	0.01	4.021	O				3.39
182.000	0.00	0.01	4.021	O				3.39
182.083	0.00	0.01	4.021	O				3.39
182.167	0.00	0.01	4.021	O				3.39
182.250	0.00	0.01	4.021	O				3.39
182.333	0.00	0.01	4.021	O				3.39
182.417	0.00	0.01	4.021	O				3.39
182.500	0.00	0.01	4.021	O				3.39
182.583	0.00	0.01	4.021	O				3.39
182.667	0.00	0.01	4.021	O				3.39
182.750	0.00	0.01	4.021	O				3.39
182.833	0.00	0.01	4.021	O				3.39
182.917	0.00	0.01	4.020	O				3.39
183.000	0.00	0.01	4.020	O				3.39
183.083	0.00	0.01	4.020	O				3.39
183.167	0.00	0.01	4.020	O				3.39
183.250	0.00	0.01	4.020	O				3.39
183.333	0.00	0.01	4.020	O				3.39
183.417	0.00	0.01	4.020	O				3.39
183.500	0.00	0.01	4.020	O				3.39
183.583	0.00	0.01	4.020	O				3.39
183.667	0.00	0.01	4.020	O				3.39
183.750	0.00	0.01	4.020	O				3.39
183.833	0.00	0.01	4.020	O				3.39
183.917	0.00	0.01	4.020	O				3.39
184.000	0.00	0.01	4.020	O				3.39
184.083	0.00	0.01	4.020	O				3.39
184.167	0.00	0.01	4.019	O				3.39
184.250	0.00	0.01	4.019	O				3.39
184.333	0.00	0.01	4.019	O				3.39
184.417	0.00	0.01	4.019	O				3.39
184.500	0.00	0.01	4.019	O				3.39
184.583	0.00	0.01	4.019	O				3.39
184.667	0.00	0.01	4.019	O				3.39
184.750	0.00	0.01	4.019	O				3.39
184.833	0.00	0.01	4.019	O				3.39
184.917	0.00	0.01	4.019	O				3.39
185.000	0.00	0.01	4.019	O				3.39
185.083	0.00	0.01	4.019	O				3.39
185.167	0.00	0.01	4.019	O				3.39
185.250	0.00	0.01	4.019	O				3.39
185.333	0.00	0.01	4.018	O				3.39
185.417	0.00	0.01	4.018	O				3.39

185.500	0.00	0.01	4.018	O				3.39
185.583	0.00	0.01	4.018	O				3.39
185.667	0.00	0.01	4.018	O				3.39
185.750	0.00	0.01	4.018	O				3.39
185.833	0.00	0.01	4.018	O				3.39
185.917	0.00	0.01	4.018	O				3.39
186.000	0.00	0.01	4.018	O				3.39
186.083	0.00	0.01	4.018	O				3.39
186.167	0.00	0.01	4.018	O				3.39
186.250	0.00	0.01	4.018	O				3.39
186.333	0.00	0.01	4.018	O				3.39
186.417	0.00	0.01	4.018	O				3.39
186.500	0.00	0.01	4.018	O				3.39
186.583	0.00	0.01	4.017	O				3.39
186.667	0.00	0.01	4.017	O				3.39
186.750	0.00	0.01	4.017	O				3.39
186.833	0.00	0.01	4.017	O				3.39
186.917	0.00	0.01	4.017	O				3.39
187.000	0.00	0.01	4.017	O				3.39
187.083	0.00	0.01	4.017	O				3.39
187.167	0.00	0.01	4.017	O				3.39
187.250	0.00	0.01	4.017	O				3.39
187.333	0.00	0.01	4.017	O				3.39
187.417	0.00	0.01	4.017	O				3.39
187.500	0.00	0.01	4.017	O				3.39
187.583	0.00	0.01	4.017	O				3.39
187.667	0.00	0.01	4.017	O				3.39
187.750	0.00	0.01	4.016	O				3.39
187.833	0.00	0.01	4.016	O				3.39
187.917	0.00	0.01	4.016	O				3.39
188.000	0.00	0.01	4.016	O				3.39
188.083	0.00	0.01	4.016	O				3.39
188.167	0.00	0.01	4.016	O				3.39
188.250	0.00	0.01	4.016	O				3.39
188.333	0.00	0.01	4.016	O				3.39
188.417	0.00	0.01	4.016	O				3.39
188.500	0.00	0.01	4.016	O				3.39
188.583	0.00	0.01	4.016	O				3.39
188.667	0.00	0.01	4.016	O				3.39
188.750	0.00	0.01	4.016	O				3.39
188.833	0.00	0.01	4.016	O				3.39
188.917	0.00	0.01	4.016	O				3.39
189.000	0.00	0.01	4.015	O				3.39
189.083	0.00	0.01	4.015	O				3.39
189.167	0.00	0.01	4.015	O				3.39
189.250	0.00	0.01	4.015	O				3.39
189.333	0.00	0.01	4.015	O				3.39
189.417	0.00	0.01	4.015	O				3.39
189.500	0.00	0.01	4.015	O				3.39
189.583	0.00	0.01	4.015	O				3.39

189.667	0.00	0.01	4.015	O				3.39
189.750	0.00	0.01	4.015	O				3.39
189.833	0.00	0.01	4.015	O				3.39
189.917	0.00	0.01	4.015	O				3.39
190.000	0.00	0.01	4.015	O				3.39
190.083	0.00	0.01	4.015	O				3.39
190.167	0.00	0.01	4.014	O				3.39
190.250	0.00	0.01	4.014	O				3.39
190.333	0.00	0.01	4.014	O				3.39
190.417	0.00	0.01	4.014	O				3.38
190.500	0.00	0.01	4.014	O				3.38
190.583	0.00	0.01	4.014	O				3.38
190.667	0.00	0.01	4.014	O				3.38
190.750	0.00	0.01	4.014	O				3.38
190.833	0.00	0.01	4.014	O				3.38
190.917	0.00	0.01	4.014	O				3.38
191.000	0.00	0.01	4.014	O				3.38
191.083	0.00	0.01	4.014	O				3.38
191.167	0.00	0.01	4.014	O				3.38
191.250	0.00	0.01	4.014	O				3.38
191.333	0.00	0.01	4.014	O				3.38
191.417	0.00	0.01	4.013	O				3.38
191.500	0.00	0.01	4.013	O				3.38
191.583	0.00	0.01	4.013	O				3.38
191.667	0.00	0.01	4.013	O				3.38
191.750	0.00	0.01	4.013	O				3.38
191.833	0.00	0.01	4.013	O				3.38
191.917	0.00	0.01	4.013	O				3.38
192.000	0.00	0.01	4.013	O				3.38
192.083	0.00	0.01	4.013	O				3.38
192.167	0.00	0.01	4.013	O				3.38
192.250	0.00	0.01	4.013	O				3.38
192.333	0.00	0.01	4.013	O				3.38
192.417	0.00	0.01	4.013	O				3.38
192.500	0.00	0.01	4.013	O				3.38
192.583	0.00	0.01	4.012	O				3.38
192.667	0.00	0.01	4.012	O				3.38
192.750	0.00	0.01	4.012	O				3.38
192.833	0.00	0.01	4.012	O				3.38
192.917	0.00	0.01	4.012	O				3.38
193.000	0.00	0.01	4.012	O				3.38
193.083	0.00	0.01	4.012	O				3.38
193.167	0.00	0.01	4.012	O				3.38
193.250	0.00	0.01	4.012	O				3.38
193.333	0.00	0.01	4.012	O				3.38
193.417	0.00	0.01	4.012	O				3.38
193.500	0.00	0.01	4.012	O				3.38
193.583	0.00	0.01	4.012	O				3.38
193.667	0.00	0.01	4.012	O				3.38
193.750	0.00	0.01	4.012	O				3.38

193.833	0.00	0.01	4.011	O				3.38
193.917	0.00	0.01	4.011	O				3.38
194.000	0.00	0.01	4.011	O				3.38
194.083	0.00	0.01	4.011	O				3.38
194.167	0.00	0.01	4.011	O				3.38
194.250	0.00	0.01	4.011	O				3.38
194.333	0.00	0.01	4.011	O				3.38
194.417	0.00	0.01	4.011	O				3.38
194.500	0.00	0.01	4.011	O				3.38
194.583	0.00	0.01	4.011	O				3.38
194.667	0.00	0.01	4.011	O				3.38
194.750	0.00	0.01	4.011	O				3.38
194.833	0.00	0.01	4.011	O				3.38
194.917	0.00	0.01	4.011	O				3.38
195.000	0.00	0.01	4.010	O				3.38
195.083	0.00	0.01	4.010	O				3.38
195.167	0.00	0.01	4.010	O				3.38
195.250	0.00	0.01	4.010	O				3.38
195.333	0.00	0.01	4.010	O				3.38
195.417	0.00	0.01	4.010	O				3.38
195.500	0.00	0.01	4.010	O				3.38
195.583	0.00	0.01	4.010	O				3.38
195.667	0.00	0.01	4.010	O				3.38
195.750	0.00	0.01	4.010	O				3.38
195.833	0.00	0.01	4.010	O				3.38
195.917	0.00	0.01	4.010	O				3.38
196.000	0.00	0.01	4.010	O				3.38
196.083	0.00	0.01	4.010	O				3.38
196.167	0.00	0.01	4.010	O				3.38
196.250	0.00	0.01	4.009	O				3.38
196.333	0.00	0.01	4.009	O				3.38
196.417	0.00	0.01	4.009	O				3.38
196.500	0.00	0.01	4.009	O				3.38
196.583	0.00	0.01	4.009	O				3.38
196.667	0.00	0.01	4.009	O				3.38
196.750	0.00	0.01	4.009	O				3.38
196.833	0.00	0.01	4.009	O				3.38
196.917	0.00	0.01	4.009	O				3.38
197.000	0.00	0.01	4.009	O				3.38
197.083	0.00	0.01	4.009	O				3.38
197.167	0.00	0.01	4.009	O				3.38
197.250	0.00	0.01	4.009	O				3.38
197.333	0.00	0.01	4.009	O				3.38
197.417	0.00	0.01	4.008	O				3.38
197.500	0.00	0.01	4.008	O				3.38
197.583	0.00	0.01	4.008	O				3.38
197.667	0.00	0.01	4.008	O				3.38
197.750	0.00	0.01	4.008	O				3.38
197.833	0.00	0.01	4.008	O				3.38
197.917	0.00	0.01	4.008	O				3.38

198.000	0.00	0.01	4.008	O					3.38
198.083	0.00	0.01	4.008	O					3.38
198.167	0.00	0.01	4.008	O					3.38
198.250	0.00	0.01	4.008	O					3.38
198.333	0.00	0.01	4.008	O					3.38
198.417	0.00	0.01	4.008	O					3.38
198.500	0.00	0.01	4.008	O					3.38
198.583	0.00	0.01	4.008	O					3.38
198.667	0.00	0.01	4.007	O					3.38
198.750	0.00	0.01	4.007	O					3.38
198.833	0.00	0.01	4.007	O					3.38
198.917	0.00	0.01	4.007	O					3.38
199.000	0.00	0.01	4.007	O					3.38
199.083	0.00	0.01	4.007	O					3.38
199.167	0.00	0.01	4.007	O					3.38
199.250	0.00	0.01	4.007	O					3.38
199.333	0.00	0.01	4.007	O					3.38
199.417	0.00	0.01	4.007	O					3.38
199.500	0.00	0.01	4.007	O					3.38
199.583	0.00	0.01	4.007	O					3.38
199.667	0.00	0.01	4.007	O					3.38
199.750	0.00	0.01	4.007	O					3.38
199.833	0.00	0.01	4.006	O					3.38
199.917	0.00	0.01	4.006	O					3.38
200.000	0.00	0.01	4.006	O					3.38
200.083	0.00	0.01	4.006	O					3.38
200.167	0.00	0.01	4.006	O					3.38
200.250	0.00	0.01	4.006	O					3.38
200.333	0.00	0.01	4.006	O					3.38
200.417	0.00	0.01	4.006	O					3.38
200.500	0.00	0.01	4.006	O					3.38
200.583	0.00	0.01	4.006	O					3.38
200.667	0.00	0.01	4.006	O					3.38
200.750	0.00	0.01	4.006	O					3.38
200.833	0.00	0.01	4.006	O					3.38
200.917	0.00	0.01	4.006	O					3.38
201.000	0.00	0.01	4.006	O					3.38
201.083	0.00	0.01	4.005	O					3.38
201.167	0.00	0.01	4.005	O					3.38
201.250	0.00	0.01	4.005	O					3.38
201.333	0.00	0.01	4.005	O					3.38
201.417	0.00	0.01	4.005	O					3.38
201.500	0.00	0.01	4.005	O					3.38
201.583	0.00	0.01	4.005	O					3.38
201.667	0.00	0.01	4.005	O					3.38
201.750	0.00	0.01	4.005	O					3.38
201.833	0.00	0.01	4.005	O					3.38
201.917	0.00	0.01	4.005	O					3.38
202.000	0.00	0.01	4.005	O					3.38
202.083	0.00	0.01	4.005	O					3.38

202.167	0.00	0.01	4.005	O				3.38
202.250	0.00	0.01	4.004	O				3.38
202.333	0.00	0.01	4.004	O				3.38
202.417	0.00	0.01	4.004	O				3.38
202.500	0.00	0.01	4.004	O				3.38
202.583	0.00	0.01	4.004	O				3.38
202.667	0.00	0.01	4.004	O				3.38
202.750	0.00	0.01	4.004	O				3.38
202.833	0.00	0.01	4.004	O				3.38
202.917	0.00	0.01	4.004	O				3.38
203.000	0.00	0.01	4.004	O				3.38
203.083	0.00	0.01	4.004	O				3.38
203.167	0.00	0.01	4.004	O				3.38
203.250	0.00	0.01	4.004	O				3.38
203.333	0.00	0.01	4.004	O				3.38
203.417	0.00	0.01	4.004	O				3.38
203.500	0.00	0.01	4.003	O				3.38
203.583	0.00	0.01	4.003	O				3.38
203.667	0.00	0.01	4.003	O				3.38
203.750	0.00	0.01	4.003	O				3.38
203.833	0.00	0.01	4.003	O				3.38
203.917	0.00	0.01	4.003	O				3.38
204.000	0.00	0.01	4.003	O				3.38
204.083	0.00	0.01	4.003	O				3.38
204.167	0.00	0.01	4.003	O				3.38
204.250	0.00	0.01	4.003	O				3.38
204.333	0.00	0.01	4.003	O				3.38
204.417	0.00	0.01	4.003	O				3.38
204.500	0.00	0.01	4.003	O				3.38
204.583	0.00	0.01	4.003	O				3.38
204.667	0.00	0.01	4.002	O				3.37
204.750	0.00	0.01	4.002	O				3.37
204.833	0.00	0.01	4.002	O				3.37
204.917	0.00	0.01	4.002	O				3.37
205.000	0.00	0.01	4.002	O				3.37
205.083	0.00	0.01	4.002	O				3.37
205.167	0.00	0.01	4.002	O				3.37
205.250	0.00	0.01	4.002	O				3.37
205.333	0.00	0.01	4.002	O				3.37
205.417	0.00	0.01	4.002	O				3.37
205.500	0.00	0.01	4.002	O				3.37
205.583	0.00	0.01	4.002	O				3.37
205.667	0.00	0.01	4.002	O				3.37
205.750	0.00	0.01	4.002	O				3.37
205.833	0.00	0.01	4.002	O				3.37
205.917	0.00	0.01	4.001	O				3.37
206.000	0.00	0.01	4.001	O				3.37
206.083	0.00	0.01	4.001	O				3.37
206.167	0.00	0.01	4.001	O				3.37
206.250	0.00	0.01	4.001	O				3.37

206.333	0.00	0.01	4.001	O	|	|	|	3.37
206.417	0.00	0.01	4.001	O	|	|	|	3.37
206.500	0.00	0.01	4.001	O	|	|	|	3.37
206.583	0.00	0.01	4.001	O	|	|	|	3.37
206.667	0.00	0.01	4.001	O	|	|	|	3.37
206.750	0.00	0.01	4.001	O	|	|	|	3.37
206.833	0.00	0.01	4.001	O	|	|	|	3.37
206.917	0.00	0.01	4.001	O	|	|	|	3.37
207.000	0.00	0.01	4.001	O	|	|	|	3.37
207.083	0.00	0.01	4.000	O	|	|	|	3.37
207.167	0.00	0.01	4.000	O	|	|	|	3.37
207.250	0.00	0.01	4.000	O	|	|	|	3.37
207.333	0.00	0.01	4.000	O	|	|	|	3.37
207.417	0.00	0.01	4.000	O	|	|	|	3.37
207.500	0.00	0.01	4.000	O	|	|	|	3.37
207.583	0.00	0.01	4.000	O	|	|	|	3.37
207.667	0.00	0.01	4.000	O	|	|	|	3.37
207.750	0.00	0.01	4.000	O	|	|	|	3.37
207.833	0.00	0.01	4.000	O	|	|	|	3.37
207.917	0.00	0.01	4.000	O	|	|	|	3.37
208.000	0.00	0.01	4.000	O	|	|	|	3.37
208.083	0.00	0.01	4.000	O	|	|	|	3.37
208.167	0.00	0.01	4.000	O	|	|	|	3.37
208.250	0.00	0.01	4.000	O	|	|	|	3.37
208.333	0.00	0.01	3.999	O	|	|	|	3.37
208.417	0.00	0.01	3.999	O	|	|	|	3.37
208.500	0.00	0.01	3.999	O	|	|	|	3.37
208.583	0.00	0.01	3.999	O	|	|	|	3.37
208.667	0.00	0.01	3.999	O	|	|	|	3.37
208.750	0.00	0.01	3.999	O	|	|	|	3.37
208.833	0.00	0.01	3.999	O	|	|	|	3.37
208.917	0.00	0.01	3.999	O	|	|	|	3.37
209.000	0.00	0.01	3.999	O	|	|	|	3.37
209.083	0.00	0.01	3.999	O	|	|	|	3.37
209.167	0.00	0.01	3.999	O	|	|	|	3.37
209.250	0.00	0.01	3.999	O	|	|	|	3.37
209.333	0.00	0.01	3.999	O	|	|	|	3.37
209.417	0.00	0.01	3.999	O	|	|	|	3.37
209.500	0.00	0.01	3.998	O	|	|	|	3.37
209.583	0.00	0.01	3.998	O	|	|	|	3.37
209.667	0.00	0.01	3.998	O	|	|	|	3.37
209.750	0.00	0.01	3.998	O	|	|	|	3.37
209.833	0.00	0.01	3.998	O	|	|	|	3.37
209.917	0.00	0.01	3.998	O	|	|	|	3.37
210.000	0.00	0.01	3.998	O	|	|	|	3.37
210.083	0.00	0.01	3.998	O	|	|	|	3.37
210.167	0.00	0.01	3.998	O	|	|	|	3.37
210.250	0.00	0.01	3.998	O	|	|	|	3.37
210.333	0.00	0.01	3.998	O	|	|	|	3.37
210.417	0.00	0.01	3.998	O	|	|	|	3.37

210.500	0.00	0.01	3.998	O					3.37
210.583	0.00	0.01	3.998	O					3.37
210.667	0.00	0.01	3.998	O					3.37
210.750	0.00	0.01	3.997	O					3.37
210.833	0.00	0.01	3.997	O					3.37
210.917	0.00	0.01	3.997	O					3.37
211.000	0.00	0.01	3.997	O					3.37
211.083	0.00	0.01	3.997	O					3.37
211.167	0.00	0.01	3.997	O					3.37
211.250	0.00	0.01	3.997	O					3.37
211.333	0.00	0.01	3.997	O					3.37
211.417	0.00	0.01	3.997	O					3.37
211.500	0.00	0.01	3.997	O					3.37
211.583	0.00	0.01	3.997	O					3.37
211.667	0.00	0.01	3.997	O					3.37
211.750	0.00	0.01	3.997	O					3.37
211.833	0.00	0.01	3.997	O					3.37
211.917	0.00	0.01	3.996	O					3.37
212.000	0.00	0.01	3.996	O					3.37
212.083	0.00	0.01	3.996	O					3.37
212.167	0.00	0.01	3.996	O					3.37
212.250	0.00	0.01	3.996	O					3.37
212.333	0.00	0.01	3.996	O					3.37
212.417	0.00	0.01	3.996	O					3.37
212.500	0.00	0.01	3.996	O					3.37
212.583	0.00	0.01	3.996	O					3.37
212.667	0.00	0.01	3.996	O					3.37
212.750	0.00	0.01	3.996	O					3.37
212.833	0.00	0.01	3.996	O					3.37
212.917	0.00	0.01	3.996	O					3.37
213.000	0.00	0.01	3.996	O					3.37
213.083	0.00	0.01	3.996	O					3.37
213.167	0.00	0.01	3.995	O					3.37
213.250	0.00	0.01	3.995	O					3.37
213.333	0.00	0.01	3.995	O					3.37
213.417	0.00	0.01	3.995	O					3.37
213.500	0.00	0.01	3.995	O					3.37
213.583	0.00	0.01	3.995	O					3.37
213.667	0.00	0.01	3.995	O					3.37
213.750	0.00	0.01	3.995	O					3.37
213.833	0.00	0.01	3.995	O					3.37
213.917	0.00	0.01	3.995	O					3.37
214.000	0.00	0.01	3.995	O					3.37
214.083	0.00	0.01	3.995	O					3.37
214.167	0.00	0.01	3.995	O					3.37
214.250	0.00	0.01	3.995	O					3.37
214.333	0.00	0.01	3.995	O					3.37
214.417	0.00	0.01	3.994	O					3.37
214.500	0.00	0.01	3.994	O					3.37
214.583	0.00	0.01	3.994	O					3.37

214.667	0.00	0.01	3.994	O					3.37
214.750	0.00	0.01	3.994	O					3.37
214.833	0.00	0.01	3.994	O					3.37
214.917	0.00	0.01	3.994	O					3.37
215.000	0.00	0.01	3.994	O					3.37
215.083	0.00	0.01	3.994	O					3.37
215.167	0.00	0.01	3.994	O					3.37
215.250	0.00	0.01	3.994	O					3.37
215.333	0.00	0.01	3.994	O					3.37
215.417	0.00	0.01	3.994	O					3.37
215.500	0.00	0.01	3.994	O					3.37
215.583	0.00	0.01	3.993	O					3.37
215.667	0.00	0.01	3.993	O					3.37
215.750	0.00	0.01	3.993	O					3.37
215.833	0.00	0.01	3.993	O					3.37
215.917	0.00	0.01	3.993	O					3.37
216.000	0.00	0.01	3.993	O					3.37
216.083	0.00	0.01	3.993	O					3.37
216.167	0.00	0.01	3.993	O					3.37
216.250	0.00	0.01	3.993	O					3.37
216.333	0.00	0.01	3.993	O					3.37
216.417	0.00	0.01	3.993	O					3.37
216.500	0.00	0.01	3.993	O					3.37
216.583	0.00	0.01	3.993	O					3.37
216.667	0.00	0.01	3.993	O					3.37
216.750	0.00	0.01	3.993	O					3.37
216.833	0.00	0.01	3.992	O					3.37
216.917	0.00	0.01	3.992	O					3.37
217.000	0.00	0.01	3.992	O					3.37
217.083	0.00	0.01	3.992	O					3.37
217.167	0.00	0.01	3.992	O					3.37
217.250	0.00	0.01	3.992	O					3.37
217.333	0.00	0.01	3.992	O					3.37
217.417	0.00	0.01	3.992	O					3.37
217.500	0.00	0.01	3.992	O					3.37
217.583	0.00	0.01	3.992	O					3.37
217.667	0.00	0.01	3.992	O					3.37
217.750	0.00	0.01	3.992	O					3.37
217.833	0.00	0.01	3.992	O					3.37
217.917	0.00	0.01	3.992	O					3.37
218.000	0.00	0.01	3.991	O					3.37
218.083	0.00	0.01	3.991	O					3.37
218.167	0.00	0.01	3.991	O					3.37
218.250	0.00	0.01	3.991	O					3.37
218.333	0.00	0.01	3.991	O					3.37
218.417	0.00	0.01	3.991	O					3.37
218.500	0.00	0.01	3.991	O					3.37
218.583	0.00	0.01	3.991	O					3.37
218.667	0.00	0.01	3.991	O					3.37
218.750	0.00	0.01	3.991	O					3.37

218.833	0.00	0.01	3.991	O				3.37
218.917	0.00	0.01	3.991	O				3.37
219.000	0.00	0.01	3.991	O				3.36
219.083	0.00	0.01	3.991	O				3.36
219.167	0.00	0.01	3.991	O				3.36
219.250	0.00	0.01	3.990	O				3.36
219.333	0.00	0.01	3.990	O				3.36
219.417	0.00	0.01	3.990	O				3.36
219.500	0.00	0.01	3.990	O				3.36
219.583	0.00	0.01	3.990	O				3.36
219.667	0.00	0.01	3.990	O				3.36
219.750	0.00	0.01	3.990	O				3.36
219.833	0.00	0.01	3.990	O				3.36
219.917	0.00	0.01	3.990	O				3.36
220.000	0.00	0.01	3.990	O				3.36
220.083	0.00	0.01	3.990	O				3.36
220.167	0.00	0.01	3.990	O				3.36
220.250	0.00	0.01	3.990	O				3.36
220.333	0.00	0.01	3.990	O				3.36
220.417	0.00	0.01	3.989	O				3.36
220.500	0.00	0.01	3.989	O				3.36
220.583	0.00	0.01	3.989	O				3.36
220.667	0.00	0.01	3.989	O				3.36
220.750	0.00	0.01	3.989	O				3.36
220.833	0.00	0.01	3.989	O				3.36
220.917	0.00	0.01	3.989	O				3.36
221.000	0.00	0.01	3.989	O				3.36
221.083	0.00	0.01	3.989	O				3.36
221.167	0.00	0.01	3.989	O				3.36
221.250	0.00	0.01	3.989	O				3.36
221.333	0.00	0.01	3.989	O				3.36
221.417	0.00	0.01	3.989	O				3.36
221.500	0.00	0.01	3.989	O				3.36
221.583	0.00	0.01	3.989	O				3.36
221.667	0.00	0.01	3.988	O				3.36
221.750	0.00	0.01	3.988	O				3.36
221.833	0.00	0.01	3.988	O				3.36
221.917	0.00	0.01	3.988	O				3.36
222.000	0.00	0.01	3.988	O				3.36
222.083	0.00	0.01	3.988	O				3.36
222.167	0.00	0.01	3.988	O				3.36
222.250	0.00	0.01	3.988	O				3.36
222.333	0.00	0.01	3.988	O				3.36
222.417	0.00	0.01	3.988	O				3.36
222.500	0.00	0.01	3.988	O				3.36
222.583	0.00	0.01	3.988	O				3.36
222.667	0.00	0.01	3.988	O				3.36
222.750	0.00	0.01	3.988	O				3.36
222.833	0.00	0.01	3.987	O				3.36
222.917	0.00	0.01	3.987	O				3.36

223.000	0.00	0.01	3.987	O					3.36
223.083	0.00	0.01	3.987	O					3.36
223.167	0.00	0.01	3.987	O					3.36
223.250	0.00	0.01	3.987	O					3.36
223.333	0.00	0.01	3.987	O					3.36
223.417	0.00	0.01	3.987	O					3.36
223.500	0.00	0.01	3.987	O					3.36
223.583	0.00	0.01	3.987	O					3.36
223.667	0.00	0.01	3.987	O					3.36
223.750	0.00	0.01	3.987	O					3.36
223.833	0.00	0.01	3.987	O					3.36
223.917	0.00	0.01	3.987	O					3.36
224.000	0.00	0.01	3.987	O					3.36
224.083	0.00	0.01	3.986	O					3.36
224.167	0.00	0.01	3.986	O					3.36
224.250	0.00	0.01	3.986	O					3.36
224.333	0.00	0.01	3.986	O					3.36
224.417	0.00	0.01	3.986	O					3.36
224.500	0.00	0.01	3.986	O					3.36
224.583	0.00	0.01	3.986	O					3.36
224.667	0.00	0.01	3.986	O					3.36
224.750	0.00	0.01	3.986	O					3.36
224.833	0.00	0.01	3.986	O					3.36
224.917	0.00	0.01	3.986	O					3.36
225.000	0.00	0.01	3.986	O					3.36
225.083	0.00	0.01	3.986	O					3.36
225.167	0.00	0.01	3.986	O					3.36
225.250	0.00	0.01	3.985	O					3.36
225.333	0.00	0.01	3.985	O					3.36
225.417	0.00	0.01	3.985	O					3.36
225.500	0.00	0.01	3.985	O					3.36
225.583	0.00	0.01	3.985	O					3.36
225.667	0.00	0.01	3.985	O					3.36
225.750	0.00	0.01	3.985	O					3.36
225.833	0.00	0.01	3.985	O					3.36
225.917	0.00	0.01	3.985	O					3.36
226.000	0.00	0.01	3.985	O					3.36
226.083	0.00	0.01	3.985	O					3.36
226.167	0.00	0.01	3.985	O					3.36
226.250	0.00	0.01	3.985	O					3.36
226.333	0.00	0.01	3.985	O					3.36
226.417	0.00	0.01	3.985	O					3.36
226.500	0.00	0.01	3.984	O					3.36
226.583	0.00	0.01	3.984	O					3.36
226.667	0.00	0.01	3.984	O					3.36
226.750	0.00	0.01	3.984	O					3.36
226.833	0.00	0.01	3.984	O					3.36
226.917	0.00	0.01	3.984	O					3.36
227.000	0.00	0.01	3.984	O					3.36
227.083	0.00	0.01	3.984	O					3.36

227.167	0.00	0.01	3.984	O					3.36
227.250	0.00	0.01	3.984	O					3.36
227.333	0.00	0.01	3.984	O					3.36
227.417	0.00	0.01	3.984	O					3.36
227.500	0.00	0.01	3.984	O					3.36
227.583	0.00	0.01	3.984	O					3.36
227.667	0.00	0.01	3.983	O					3.36
227.750	0.00	0.01	3.983	O					3.36
227.833	0.00	0.01	3.983	O					3.36
227.917	0.00	0.01	3.983	O					3.36
228.000	0.00	0.01	3.983	O					3.36
228.083	0.00	0.01	3.983	O					3.36
228.167	0.00	0.01	3.983	O					3.36
228.250	0.00	0.01	3.983	O					3.36
228.333	0.00	0.01	3.983	O					3.36
228.417	0.00	0.01	3.983	O					3.36
228.500	0.00	0.01	3.983	O					3.36
228.583	0.00	0.01	3.983	O					3.36
228.667	0.00	0.01	3.983	O					3.36
228.750	0.00	0.01	3.983	O					3.36
228.833	0.00	0.01	3.983	O					3.36
228.917	0.00	0.01	3.982	O					3.36
229.000	0.00	0.01	3.982	O					3.36
229.083	0.00	0.01	3.982	O					3.36
229.167	0.00	0.01	3.982	O					3.36
229.250	0.00	0.01	3.982	O					3.36
229.333	0.00	0.01	3.982	O					3.36
229.417	0.00	0.01	3.982	O					3.36
229.500	0.00	0.01	3.982	O					3.36
229.583	0.00	0.01	3.982	O					3.36
229.667	0.00	0.01	3.982	O					3.36
229.750	0.00	0.01	3.982	O					3.36
229.833	0.00	0.01	3.982	O					3.36
229.917	0.00	0.01	3.982	O					3.36
230.000	0.00	0.01	3.982	O					3.36
230.083	0.00	0.01	3.981	O					3.36
230.167	0.00	0.01	3.981	O					3.36
230.250	0.00	0.01	3.981	O					3.36
230.333	0.00	0.01	3.981	O					3.36
230.417	0.00	0.01	3.981	O					3.36
230.500	0.00	0.01	3.981	O					3.36
230.583	0.00	0.01	3.981	O					3.36
230.667	0.00	0.01	3.981	O					3.36
230.750	0.00	0.01	3.981	O					3.36
230.833	0.00	0.01	3.981	O					3.36
230.917	0.00	0.01	3.981	O					3.36
231.000	0.00	0.01	3.981	O					3.36
231.083	0.00	0.01	3.981	O					3.36
231.167	0.00	0.01	3.981	O					3.36
231.250	0.00	0.01	3.981	O					3.36

231.333	0.00	0.01	3.980	O				3.36
231.417	0.00	0.01	3.980	O				3.36
231.500	0.00	0.01	3.980	O				3.36
231.583	0.00	0.01	3.980	O				3.36
231.667	0.00	0.01	3.980	O				3.36
231.750	0.00	0.01	3.980	O				3.36
231.833	0.00	0.01	3.980	O				3.36
231.917	0.00	0.01	3.980	O				3.36
232.000	0.00	0.01	3.980	O				3.36
232.083	0.00	0.01	3.980	O				3.36
232.167	0.00	0.01	3.980	O				3.36
232.250	0.00	0.01	3.980	O				3.36
232.333	0.00	0.01	3.980	O				3.36
232.417	0.00	0.01	3.980	O				3.36
232.500	0.00	0.01	3.979	O				3.36
232.583	0.00	0.01	3.979	O				3.36
232.667	0.00	0.01	3.979	O				3.36
232.750	0.00	0.01	3.979	O				3.36
232.833	0.00	0.01	3.979	O				3.36
232.917	0.00	0.01	3.979	O				3.36
233.000	0.00	0.01	3.979	O				3.36
233.083	0.00	0.01	3.979	O				3.36
233.167	0.00	0.01	3.979	O				3.36
233.250	0.00	0.01	3.979	O				3.35
233.333	0.00	0.01	3.979	O				3.35
233.417	0.00	0.01	3.979	O				3.35
233.500	0.00	0.01	3.979	O				3.35
233.583	0.00	0.01	3.979	O				3.35
233.667	0.00	0.01	3.979	O				3.35
233.750	0.00	0.01	3.978	O				3.35
233.833	0.00	0.01	3.978	O				3.35
233.917	0.00	0.01	3.978	O				3.35
234.000	0.00	0.01	3.978	O				3.35
234.083	0.00	0.01	3.978	O				3.35
234.167	0.00	0.01	3.978	O				3.35
234.250	0.00	0.01	3.978	O				3.35
234.333	0.00	0.01	3.978	O				3.35
234.417	0.00	0.01	3.978	O				3.35
234.500	0.00	0.01	3.978	O				3.35
234.583	0.00	0.01	3.978	O				3.35
234.667	0.00	0.01	3.978	O				3.35
234.750	0.00	0.01	3.978	O				3.35
234.833	0.00	0.01	3.978	O				3.35
234.917	0.00	0.01	3.977	O				3.35
235.000	0.00	0.01	3.977	O				3.35
235.083	0.00	0.01	3.977	O				3.35
235.167	0.00	0.01	3.977	O				3.35
235.250	0.00	0.01	3.977	O				3.35
235.333	0.00	0.01	3.977	O				3.35
235.417	0.00	0.01	3.977	O				3.35

235.500	0.00	0.01	3.977	O				3.35
235.583	0.00	0.01	3.977	O				3.35
235.667	0.00	0.01	3.977	O				3.35
235.750	0.00	0.01	3.977	O				3.35
235.833	0.00	0.01	3.977	O				3.35
235.917	0.00	0.01	3.977	O				3.35
236.000	0.00	0.01	3.977	O				3.35
236.083	0.00	0.01	3.977	O				3.35
236.167	0.00	0.01	3.976	O				3.35
236.250	0.00	0.01	3.976	O				3.35
236.333	0.00	0.01	3.976	O				3.35
236.417	0.00	0.01	3.976	O				3.35
236.500	0.00	0.01	3.976	O				3.35
236.583	0.00	0.01	3.976	O				3.35
236.667	0.00	0.01	3.976	O				3.35
236.750	0.00	0.01	3.976	O				3.35
236.833	0.00	0.01	3.976	O				3.35
236.917	0.00	0.01	3.976	O				3.35
237.000	0.00	0.01	3.976	O				3.35
237.083	0.00	0.01	3.976	O				3.35
237.167	0.00	0.01	3.976	O				3.35
237.250	0.00	0.01	3.976	O				3.35
237.333	0.00	0.01	3.975	O				3.35
237.417	0.00	0.01	3.975	O				3.35
237.500	0.00	0.01	3.975	O				3.35
237.583	0.00	0.01	3.975	O				3.35
237.667	0.00	0.01	3.975	O				3.35
237.750	0.00	0.01	3.975	O				3.35
237.833	0.00	0.01	3.975	O				3.35
237.917	0.00	0.01	3.975	O				3.35
238.000	0.00	0.01	3.975	O				3.35
238.083	0.00	0.01	3.975	O				3.35
238.167	0.00	0.01	3.975	O				3.35
238.250	0.00	0.01	3.975	O				3.35
238.333	0.00	0.01	3.975	O				3.35
238.417	0.00	0.01	3.975	O				3.35
238.500	0.00	0.01	3.975	O				3.35
238.583	0.00	0.01	3.974	O				3.35
238.667	0.00	0.01	3.974	O				3.35
238.750	0.00	0.01	3.974	O				3.35
238.833	0.00	0.01	3.974	O				3.35
238.917	0.00	0.01	3.974	O				3.35
239.000	0.00	0.01	3.974	O				3.35
239.083	0.00	0.01	3.974	O				3.35
239.167	0.00	0.01	3.974	O				3.35
239.250	0.00	0.01	3.974	O				3.35
239.333	0.00	0.01	3.974	O				3.35
239.417	0.00	0.01	3.974	O				3.35
239.500	0.00	0.01	3.974	O				3.35
239.583	0.00	0.01	3.974	O				3.35

239.667	0.00	0.01	3.974	O				3.35
239.750	0.00	0.01	3.973	O				3.35
239.833	0.00	0.01	3.973	O				3.35
239.917	0.00	0.01	3.973	O				3.35
240.000	0.00	0.01	3.973	O				3.35
240.083	0.00	0.01	3.973	O				3.35
240.167	0.00	0.01	3.973	O				3.35
240.250	0.00	0.01	3.973	O				3.35
240.333	0.00	0.01	3.973	O				3.35
240.417	0.00	0.01	3.973	O				3.35
240.500	0.00	0.01	3.973	O				3.35
240.583	0.00	0.01	3.973	O				3.35
240.667	0.00	0.01	3.973	O				3.35
240.750	0.00	0.01	3.973	O				3.35
240.833	0.00	0.01	3.973	O				3.35
240.917	0.00	0.01	3.973	O				3.35
241.000	0.00	0.01	3.972	O				3.35
241.083	0.00	0.01	3.972	O				3.35
241.167	0.00	0.01	3.972	O				3.35
241.250	0.00	0.01	3.972	O				3.35
241.333	0.00	0.01	3.972	O				3.35
241.417	0.00	0.01	3.972	O				3.35
241.500	0.00	0.01	3.972	O				3.35
241.583	0.00	0.01	3.972	O				3.35
241.667	0.00	0.01	3.972	O				3.35
241.750	0.00	0.01	3.972	O				3.35
241.833	0.00	0.01	3.972	O				3.35
241.917	0.00	0.01	3.972	O				3.35
242.000	0.00	0.01	3.972	O				3.35
242.083	0.00	0.01	3.972	O				3.35
242.167	0.00	0.01	3.971	O				3.35
242.250	0.00	0.01	3.971	O				3.35
242.333	0.00	0.01	3.971	O				3.35
242.417	0.00	0.01	3.971	O				3.35
242.500	0.00	0.01	3.971	O				3.35
242.583	0.00	0.01	3.971	O				3.35
242.667	0.00	0.01	3.971	O				3.35
242.750	0.00	0.01	3.971	O				3.35
242.833	0.00	0.01	3.971	O				3.35
242.917	0.00	0.01	3.971	O				3.35
243.000	0.00	0.01	3.971	O				3.35
243.083	0.00	0.01	3.971	O				3.35
243.167	0.00	0.01	3.971	O				3.35
243.250	0.00	0.01	3.971	O				3.35
243.333	0.00	0.01	3.971	O				3.35
243.417	0.00	0.01	3.970	O				3.35
243.500	0.00	0.01	3.970	O				3.35
243.583	0.00	0.01	3.970	O				3.35
243.667	0.00	0.01	3.970	O				3.35
243.750	0.00	0.01	3.970	O				3.35

243.833	0.00	0.01	3.970	O				3.35
243.917	0.00	0.01	3.970	O				3.35
244.000	0.00	0.01	3.970	O				3.35
244.083	0.00	0.01	3.970	O				3.35
244.167	0.00	0.01	3.970	O				3.35
244.250	0.00	0.01	3.970	O				3.35
244.333	0.00	0.01	3.970	O				3.35
244.417	0.00	0.01	3.970	O				3.35
244.500	0.00	0.01	3.970	O				3.35
244.583	0.00	0.01	3.970	O				3.35
244.667	0.00	0.01	3.969	O				3.35
244.750	0.00	0.01	3.969	O				3.35
244.833	0.00	0.01	3.969	O				3.35
244.917	0.00	0.01	3.969	O				3.35
245.000	0.00	0.01	3.969	O				3.35
245.083	0.00	0.01	3.969	O				3.35
245.167	0.00	0.01	3.969	O				3.35
245.250	0.00	0.01	3.969	O				3.35
245.333	0.00	0.01	3.969	O				3.35
245.417	0.00	0.01	3.969	O				3.35
245.500	0.00	0.01	3.969	O				3.35
245.583	0.00	0.01	3.969	O				3.35
245.667	0.00	0.01	3.969	O				3.35
245.750	0.00	0.01	3.969	O				3.35
245.833	0.00	0.01	3.968	O				3.35
245.917	0.00	0.01	3.968	O				3.35
246.000	0.00	0.01	3.968	O				3.35
246.083	0.00	0.01	3.968	O				3.35
246.167	0.00	0.01	3.968	O				3.35
246.250	0.00	0.01	3.968	O				3.35
246.333	0.00	0.01	3.968	O				3.35
246.417	0.00	0.01	3.968	O				3.35
246.500	0.00	0.01	3.968	O				3.35
246.583	0.00	0.01	3.968	O				3.35
246.667	0.00	0.01	3.968	O				3.35
246.750	0.00	0.01	3.968	O				3.35
246.833	0.00	0.01	3.968	O				3.35
246.917	0.00	0.01	3.968	O				3.35
247.000	0.00	0.01	3.968	O				3.35
247.083	0.00	0.01	3.967	O				3.35
247.167	0.00	0.01	3.967	O				3.35
247.250	0.00	0.01	3.967	O				3.35
247.333	0.00	0.01	3.967	O				3.35
247.417	0.00	0.01	3.967	O				3.35
247.500	0.00	0.01	3.967	O				3.34
247.583	0.00	0.01	3.967	O				3.34
247.667	0.00	0.01	3.967	O				3.34
247.750	0.00	0.01	3.967	O				3.34
247.833	0.00	0.01	3.967	O				3.34
247.917	0.00	0.01	3.967	O				3.34

248.000	0.00	0.01	3.967	O				3.34
248.083	0.00	0.01	3.967	O				3.34
248.167	0.00	0.01	3.967	O				3.34
248.250	0.00	0.01	3.966	O				3.34
248.333	0.00	0.01	3.966	O				3.34
248.417	0.00	0.01	3.966	O				3.34
248.500	0.00	0.01	3.966	O				3.34
248.583	0.00	0.01	3.966	O				3.34
248.667	0.00	0.01	3.966	O				3.34
248.750	0.00	0.01	3.966	O				3.34
248.833	0.00	0.01	3.966	O				3.34
248.917	0.00	0.01	3.966	O				3.34
249.000	0.00	0.01	3.966	O				3.34
249.083	0.00	0.01	3.966	O				3.34
249.167	0.00	0.01	3.966	O				3.34
249.250	0.00	0.01	3.966	O				3.34
249.333	0.00	0.01	3.966	O				3.34
249.417	0.00	0.01	3.966	O				3.34
249.500	0.00	0.01	3.965	O				3.34
249.583	0.00	0.01	3.965	O				3.34
249.667	0.00	0.01	3.965	O				3.34
249.750	0.00	0.01	3.965	O				3.34
249.833	0.00	0.01	3.965	O				3.34
249.917	0.00	0.01	3.965	O				3.34
250.000	0.00	0.01	3.965	O				3.34
250.083	0.00	0.01	3.965	O				3.34
250.167	0.00	0.01	3.965	O				3.34
250.250	0.00	0.01	3.965	O				3.34
250.333	0.00	0.01	3.965	O				3.34
250.417	0.00	0.01	3.965	O				3.34
250.500	0.00	0.01	3.965	O				3.34
250.583	0.00	0.01	3.965	O				3.34
250.667	0.00	0.01	3.964	O				3.34
250.750	0.00	0.01	3.964	O				3.34
250.833	0.00	0.01	3.964	O				3.34
250.917	0.00	0.01	3.964	O				3.34
251.000	0.00	0.01	3.964	O				3.34
251.083	0.00	0.01	3.964	O				3.34
251.167	0.00	0.01	3.964	O				3.34
251.250	0.00	0.01	3.964	O				3.34
251.333	0.00	0.01	3.964	O				3.34
251.417	0.00	0.01	3.964	O				3.34
251.500	0.00	0.01	3.964	O				3.34
251.583	0.00	0.01	3.964	O				3.34
251.667	0.00	0.01	3.964	O				3.34
251.750	0.00	0.01	3.964	O				3.34
251.833	0.00	0.01	3.964	O				3.34
251.917	0.00	0.01	3.963	O				3.34
252.000	0.00	0.01	3.963	O				3.34
252.083	0.00	0.01	3.963	O				3.34

252.167	0.00	0.01	3.963	O				3.34
252.250	0.00	0.01	3.963	O				3.34
252.333	0.00	0.01	3.963	O				3.34
252.417	0.00	0.01	3.963	O				3.34
252.500	0.00	0.01	3.963	O				3.34
252.583	0.00	0.01	3.963	O				3.34
252.667	0.00	0.01	3.963	O				3.34
252.750	0.00	0.01	3.963	O				3.34
252.833	0.00	0.01	3.963	O				3.34
252.917	0.00	0.01	3.963	O				3.34
253.000	0.00	0.01	3.963	O				3.34
253.083	0.00	0.01	3.962	O				3.34
253.167	0.00	0.01	3.962	O				3.34
253.250	0.00	0.01	3.962	O				3.34
253.333	0.00	0.01	3.962	O				3.34
253.417	0.00	0.01	3.962	O				3.34
253.500	0.00	0.01	3.962	O				3.34
253.583	0.00	0.01	3.962	O				3.34
253.667	0.00	0.01	3.962	O				3.34
253.750	0.00	0.01	3.962	O				3.34
253.833	0.00	0.01	3.962	O				3.34
253.917	0.00	0.01	3.962	O				3.34
254.000	0.00	0.01	3.962	O				3.34
254.083	0.00	0.01	3.962	O				3.34
254.167	0.00	0.01	3.962	O				3.34
254.250	0.00	0.01	3.962	O				3.34
254.333	0.00	0.01	3.961	O				3.34
254.417	0.00	0.01	3.961	O				3.34
254.500	0.00	0.01	3.961	O				3.34
254.583	0.00	0.01	3.961	O				3.34
254.667	0.00	0.01	3.961	O				3.34
254.750	0.00	0.01	3.961	O				3.34
254.833	0.00	0.01	3.961	O				3.34
254.917	0.00	0.01	3.961	O				3.34
255.000	0.00	0.01	3.961	O				3.34
255.083	0.00	0.01	3.961	O				3.34
255.167	0.00	0.01	3.961	O				3.34
255.250	0.00	0.01	3.961	O				3.34
255.333	0.00	0.01	3.961	O				3.34
255.417	0.00	0.01	3.961	O				3.34
255.500	0.00	0.01	3.960	O				3.34
255.583	0.00	0.01	3.960	O				3.34
255.667	0.00	0.01	3.960	O				3.34
255.750	0.00	0.01	3.960	O				3.34
255.833	0.00	0.01	3.960	O				3.34
255.917	0.00	0.01	3.960	O				3.34
256.000	0.00	0.01	3.960	O				3.34
256.083	0.00	0.01	3.960	O				3.34
256.167	0.00	0.01	3.960	O				3.34
256.250	0.00	0.01	3.960	O				3.34

256.333	0.00	0.01	3.960	O				3.34
256.417	0.00	0.01	3.960	O				3.34
256.500	0.00	0.01	3.960	O				3.34
256.583	0.00	0.01	3.960	O				3.34
256.667	0.00	0.01	3.960	O				3.34
256.750	0.00	0.01	3.959	O				3.34
256.833	0.00	0.01	3.959	O				3.34
256.917	0.00	0.01	3.959	O				3.34
257.000	0.00	0.01	3.959	O				3.34
257.083	0.00	0.01	3.959	O				3.34
257.167	0.00	0.01	3.959	O				3.34
257.250	0.00	0.01	3.959	O				3.34
257.333	0.00	0.01	3.959	O				3.34
257.417	0.00	0.01	3.959	O				3.34
257.500	0.00	0.01	3.959	O				3.34
257.583	0.00	0.01	3.959	O				3.34
257.667	0.00	0.01	3.959	O				3.34
257.750	0.00	0.01	3.959	O				3.34
257.833	0.00	0.01	3.959	O				3.34
257.917	0.00	0.01	3.958	O				3.34
258.000	0.00	0.01	3.958	O				3.34
258.083	0.00	0.01	3.958	O				3.34
258.167	0.00	0.01	3.958	O				3.34
258.250	0.00	0.01	3.958	O				3.34
258.333	0.00	0.01	3.958	O				3.34
258.417	0.00	0.01	3.958	O				3.34
258.500	0.00	0.01	3.958	O				3.34
258.583	0.00	0.01	3.958	O				3.34
258.667	0.00	0.01	3.958	O				3.34
258.750	0.00	0.01	3.958	O				3.34
258.833	0.00	0.01	3.958	O				3.34
258.917	0.00	0.01	3.958	O				3.34
259.000	0.00	0.01	3.958	O				3.34
259.083	0.00	0.01	3.958	O				3.34
259.167	0.00	0.01	3.957	O				3.34
259.250	0.00	0.01	3.957	O				3.34
259.333	0.00	0.01	3.957	O				3.34
259.417	0.00	0.01	3.957	O				3.34
259.500	0.00	0.01	3.957	O				3.34
259.583	0.00	0.01	3.957	O				3.34
259.667	0.00	0.01	3.957	O				3.34
259.750	0.00	0.01	3.957	O				3.34
259.833	0.00	0.01	3.957	O				3.34
259.917	0.00	0.01	3.957	O				3.34
260.000	0.00	0.01	3.957	O				3.34
260.083	0.00	0.01	3.957	O				3.34
260.167	0.00	0.01	3.957	O				3.34
260.250	0.00	0.01	3.957	O				3.34
260.333	0.00	0.01	3.956	O				3.34
260.417	0.00	0.01	3.956	O				3.34

260.500	0.00	0.01	3.956	O				3.34
260.583	0.00	0.01	3.956	O				3.34
260.667	0.00	0.01	3.956	O				3.34
260.750	0.00	0.01	3.956	O				3.34
260.833	0.00	0.01	3.956	O				3.34
260.917	0.00	0.01	3.956	O				3.34
261.000	0.00	0.01	3.956	O				3.34
261.083	0.00	0.01	3.956	O				3.34
261.167	0.00	0.01	3.956	O				3.34
261.250	0.00	0.01	3.956	O				3.34
261.333	0.00	0.01	3.956	O				3.34
261.417	0.00	0.01	3.956	O				3.34
261.500	0.00	0.01	3.956	O				3.34
261.583	0.00	0.01	3.955	O				3.34
261.667	0.00	0.01	3.955	O				3.34
261.750	0.00	0.01	3.955	O				3.34
261.833	0.00	0.01	3.955	O				3.33
261.917	0.00	0.01	3.955	O				3.33
262.000	0.00	0.01	3.955	O				3.33
262.083	0.00	0.01	3.955	O				3.33
262.167	0.00	0.01	3.955	O				3.33
262.250	0.00	0.01	3.955	O				3.33
262.333	0.00	0.01	3.955	O				3.33
262.417	0.00	0.01	3.955	O				3.33
262.500	0.00	0.01	3.955	O				3.33
262.583	0.00	0.01	3.955	O				3.33
262.667	0.00	0.01	3.955	O				3.33
262.750	0.00	0.01	3.954	O				3.33
262.833	0.00	0.01	3.954	O				3.33
262.917	0.00	0.01	3.954	O				3.33
263.000	0.00	0.01	3.954	O				3.33
263.083	0.00	0.01	3.954	O				3.33
263.167	0.00	0.01	3.954	O				3.33
263.250	0.00	0.01	3.954	O				3.33
263.333	0.00	0.01	3.954	O				3.33
263.417	0.00	0.01	3.954	O				3.33
263.500	0.00	0.01	3.954	O				3.33
263.583	0.00	0.01	3.954	O				3.33
263.667	0.00	0.01	3.954	O				3.33
263.750	0.00	0.01	3.954	O				3.33
263.833	0.00	0.01	3.954	O				3.33
263.917	0.00	0.01	3.954	O				3.33
264.000	0.00	0.01	3.953	O				3.33
264.083	0.00	0.01	3.953	O				3.33
264.167	0.00	0.01	3.953	O				3.33
264.250	0.00	0.01	3.953	O				3.33
264.333	0.00	0.01	3.953	O				3.33
264.417	0.00	0.01	3.953	O				3.33
264.500	0.00	0.01	3.953	O				3.33
264.583	0.00	0.01	3.953	O				3.33

264.667	0.00	0.01	3.953	O	|	|	|	3.33
264.750	0.00	0.01	3.953	O	|	|	|	3.33
264.833	0.00	0.01	3.953	O	|	|	|	3.33
264.917	0.00	0.01	3.953	O	|	|	|	3.33
265.000	0.00	0.01	3.953	O	|	|	|	3.33
265.083	0.00	0.01	3.953	O	|	|	|	3.33
265.167	0.00	0.01	3.952	O	|	|	|	3.33
265.250	0.00	0.01	3.952	O	|	|	|	3.33
265.333	0.00	0.01	3.952	O	|	|	|	3.33
265.417	0.00	0.01	3.952	O	|	|	|	3.33
265.500	0.00	0.01	3.952	O	|	|	|	3.33
265.583	0.00	0.01	3.952	O	|	|	|	3.33
265.667	0.00	0.01	3.952	O	|	|	|	3.33
265.750	0.00	0.01	3.952	O	|	|	|	3.33
265.833	0.00	0.01	3.952	O	|	|	|	3.33
265.917	0.00	0.01	3.952	O	|	|	|	3.33
266.000	0.00	0.01	3.952	O	|	|	|	3.33
266.083	0.00	0.01	3.952	O	|	|	|	3.33
266.167	0.00	0.01	3.952	O	|	|	|	3.33
266.250	0.00	0.01	3.952	O	|	|	|	3.33
266.333	0.00	0.01	3.952	O	|	|	|	3.33
266.417	0.00	0.01	3.951	O	|	|	|	3.33
266.500	0.00	0.01	3.951	O	|	|	|	3.33
266.583	0.00	0.01	3.951	O	|	|	|	3.33
266.667	0.00	0.01	3.951	O	|	|	|	3.33
266.750	0.00	0.01	3.951	O	|	|	|	3.33
266.833	0.00	0.01	3.951	O	|	|	|	3.33
266.917	0.00	0.01	3.951	O	|	|	|	3.33
267.000	0.00	0.01	3.951	O	|	|	|	3.33
267.083	0.00	0.01	3.951	O	|	|	|	3.33
267.167	0.00	0.01	3.951	O	|	|	|	3.33
267.250	0.00	0.01	3.951	O	|	|	|	3.33
267.333	0.00	0.01	3.951	O	|	|	|	3.33
267.417	0.00	0.01	3.951	O	|	|	|	3.33
267.500	0.00	0.01	3.951	O	|	|	|	3.33
267.583	0.00	0.01	3.950	O	|	|	|	3.33
267.667	0.00	0.01	3.950	O	|	|	|	3.33
267.750	0.00	0.01	3.950	O	|	|	|	3.33
267.833	0.00	0.01	3.950	O	|	|	|	3.33
267.917	0.00	0.01	3.950	O	|	|	|	3.33
268.000	0.00	0.01	3.950	O	|	|	|	3.33
268.083	0.00	0.01	3.950	O	|	|	|	3.33
268.167	0.00	0.01	3.950	O	|	|	|	3.33
268.250	0.00	0.01	3.950	O	|	|	|	3.33
268.333	0.00	0.01	3.950	O	|	|	|	3.33
268.417	0.00	0.01	3.950	O	|	|	|	3.33
268.500	0.00	0.01	3.950	O	|	|	|	3.33
268.583	0.00	0.01	3.950	O	|	|	|	3.33
268.667	0.00	0.01	3.950	O	|	|	|	3.33
268.750	0.00	0.01	3.950	O	|	|	|	3.33

268.833	0.00	0.01	3.949	O				3.33
268.917	0.00	0.01	3.949	O				3.33
269.000	0.00	0.01	3.949	O				3.33
269.083	0.00	0.01	3.949	O				3.33
269.167	0.00	0.01	3.949	O				3.33
269.250	0.00	0.01	3.949	O				3.33
269.333	0.00	0.01	3.949	O				3.33
269.417	0.00	0.01	3.949	O				3.33
269.500	0.00	0.01	3.949	O				3.33
269.583	0.00	0.01	3.949	O				3.33
269.667	0.00	0.01	3.949	O				3.33
269.750	0.00	0.01	3.949	O				3.33
269.833	0.00	0.01	3.949	O				3.33
269.917	0.00	0.01	3.949	O				3.33
270.000	0.00	0.01	3.948	O				3.33
270.083	0.00	0.01	3.948	O				3.33
270.167	0.00	0.01	3.948	O				3.33
270.250	0.00	0.01	3.948	O				3.33
270.333	0.00	0.01	3.948	O				3.33
270.417	0.00	0.01	3.948	O				3.33
270.500	0.00	0.01	3.948	O				3.33
270.583	0.00	0.01	3.948	O				3.33
270.667	0.00	0.01	3.948	O				3.33
270.750	0.00	0.01	3.948	O				3.33
270.833	0.00	0.01	3.948	O				3.33
270.917	0.00	0.01	3.948	O				3.33
271.000	0.00	0.01	3.948	O				3.33
271.083	0.00	0.01	3.948	O				3.33
271.167	0.00	0.01	3.948	O				3.33
271.250	0.00	0.01	3.947	O				3.33
271.333	0.00	0.01	3.947	O				3.33
271.417	0.00	0.01	3.947	O				3.33
271.500	0.00	0.01	3.947	O				3.33
271.583	0.00	0.01	3.947	O				3.33
271.667	0.00	0.01	3.947	O				3.33
271.750	0.00	0.01	3.947	O				3.33
271.833	0.00	0.01	3.947	O				3.33
271.917	0.00	0.01	3.947	O				3.33
272.000	0.00	0.01	3.947	O				3.33
272.083	0.00	0.01	3.947	O				3.33
272.167	0.00	0.01	3.947	O				3.33
272.250	0.00	0.01	3.947	O				3.33
272.333	0.00	0.01	3.947	O				3.33
272.417	0.00	0.01	3.946	O				3.33
272.500	0.00	0.01	3.946	O				3.33
272.583	0.00	0.01	3.946	O				3.33
272.667	0.00	0.01	3.946	O				3.33
272.750	0.00	0.01	3.946	O				3.33
272.833	0.00	0.01	3.946	O				3.33
272.917	0.00	0.01	3.946	O				3.33

273.000	0.00	0.01	3.946	O				3.33
273.083	0.00	0.01	3.946	O				3.33
273.167	0.00	0.01	3.946	O				3.33
273.250	0.00	0.01	3.946	O				3.33
273.333	0.00	0.01	3.946	O				3.33
273.417	0.00	0.01	3.946	O				3.33
273.500	0.00	0.01	3.946	O				3.33
273.583	0.00	0.01	3.946	O				3.33
273.667	0.00	0.01	3.945	O				3.33
273.750	0.00	0.01	3.945	O				3.33
273.833	0.00	0.01	3.945	O				3.33
273.917	0.00	0.01	3.945	O				3.33
274.000	0.00	0.01	3.945	O				3.33
274.083	0.00	0.01	3.945	O				3.33
274.167	0.00	0.01	3.945	O				3.33
274.250	0.00	0.01	3.945	O				3.33
274.333	0.00	0.01	3.945	O				3.33
274.417	0.00	0.01	3.945	O				3.33
274.500	0.00	0.01	3.945	O				3.33
274.583	0.00	0.01	3.945	O				3.33
274.667	0.00	0.01	3.945	O				3.33
274.750	0.00	0.01	3.945	O				3.33
274.833	0.00	0.01	3.945	O				3.33
274.917	0.00	0.01	3.944	O				3.33
275.000	0.00	0.01	3.944	O				3.33
275.083	0.00	0.01	3.944	O				3.33
275.167	0.00	0.01	3.944	O				3.33
275.250	0.00	0.01	3.944	O				3.33
275.333	0.00	0.01	3.944	O				3.33
275.417	0.00	0.01	3.944	O				3.33
275.500	0.00	0.01	3.944	O				3.33
275.583	0.00	0.01	3.944	O				3.33
275.667	0.00	0.01	3.944	O				3.33
275.750	0.00	0.01	3.944	O				3.33
275.833	0.00	0.01	3.944	O				3.33
275.917	0.00	0.01	3.944	O				3.33
276.000	0.00	0.01	3.944	O				3.33
276.083	0.00	0.01	3.943	O				3.32
276.167	0.00	0.01	3.943	O				3.32
276.250	0.00	0.01	3.943	O				3.32
276.333	0.00	0.01	3.943	O				3.32
276.417	0.00	0.01	3.943	O				3.32
276.500	0.00	0.01	3.943	O				3.32
276.583	0.00	0.01	3.943	O				3.32
276.667	0.00	0.01	3.943	O				3.32
276.750	0.00	0.01	3.943	O				3.32
276.833	0.00	0.01	3.943	O				3.32
276.917	0.00	0.01	3.943	O				3.32
277.000	0.00	0.01	3.943	O				3.32
277.083	0.00	0.01	3.943	O				3.32

277.167	0.00	0.01	3.943	O	|	|	|	3.32
277.250	0.00	0.01	3.943	O	|	|	|	3.32
277.333	0.00	0.01	3.942	O	|	|	|	3.32
277.417	0.00	0.01	3.942	O	|	|	|	3.32
277.500	0.00	0.01	3.942	O	|	|	|	3.32
277.583	0.00	0.01	3.942	O	|	|	|	3.32
277.667	0.00	0.01	3.942	O	|	|	|	3.32
277.750	0.00	0.01	3.942	O	|	|	|	3.32
277.833	0.00	0.01	3.942	O	|	|	|	3.32
277.917	0.00	0.01	3.942	O	|	|	|	3.32
278.000	0.00	0.01	3.942	O	|	|	|	3.32
278.083	0.00	0.01	3.942	O	|	|	|	3.32
278.167	0.00	0.01	3.942	O	|	|	|	3.32
278.250	0.00	0.01	3.942	O	|	|	|	3.32
278.333	0.00	0.01	3.942	O	|	|	|	3.32
278.417	0.00	0.01	3.942	O	|	|	|	3.32
278.500	0.00	0.01	3.941	O	|	|	|	3.32
278.583	0.00	0.01	3.941	O	|	|	|	3.32
278.667	0.00	0.01	3.941	O	|	|	|	3.32
278.750	0.00	0.01	3.941	O	|	|	|	3.32
278.833	0.00	0.01	3.941	O	|	|	|	3.32
278.917	0.00	0.01	3.941	O	|	|	|	3.32
279.000	0.00	0.01	3.941	O	|	|	|	3.32
279.083	0.00	0.01	3.941	O	|	|	|	3.32
279.167	0.00	0.01	3.941	O	|	|	|	3.32
279.250	0.00	0.01	3.941	O	|	|	|	3.32
279.333	0.00	0.01	3.941	O	|	|	|	3.32
279.417	0.00	0.01	3.941	O	|	|	|	3.32
279.500	0.00	0.01	3.941	O	|	|	|	3.32
279.583	0.00	0.01	3.941	O	|	|	|	3.32
279.667	0.00	0.01	3.941	O	|	|	|	3.32
279.750	0.00	0.01	3.940	O	|	|	|	3.32
279.833	0.00	0.01	3.940	O	|	|	|	3.32
279.917	0.00	0.01	3.940	O	|	|	|	3.32
280.000	0.00	0.01	3.940	O	|	|	|	3.32
280.083	0.00	0.01	3.940	O	|	|	|	3.32
280.167	0.00	0.01	3.940	O	|	|	|	3.32
280.250	0.00	0.01	3.940	O	|	|	|	3.32
280.333	0.00	0.01	3.940	O	|	|	|	3.32
280.417	0.00	0.01	3.940	O	|	|	|	3.32
280.500	0.00	0.01	3.940	O	|	|	|	3.32
280.583	0.00	0.01	3.940	O	|	|	|	3.32
280.667	0.00	0.01	3.940	O	|	|	|	3.32
280.750	0.00	0.01	3.940	O	|	|	|	3.32
280.833	0.00	0.01	3.940	O	|	|	|	3.32
280.917	0.00	0.01	3.939	O	|	|	|	3.32
281.000	0.00	0.01	3.939	O	|	|	|	3.32
281.083	0.00	0.01	3.939	O	|	|	|	3.32
281.167	0.00	0.01	3.939	O	|	|	|	3.32
281.250	0.00	0.01	3.939	O	|	|	|	3.32

281.333	0.00	0.01	3.939	O				3.32
281.417	0.00	0.01	3.939	O				3.32
281.500	0.00	0.01	3.939	O				3.32
281.583	0.00	0.01	3.939	O				3.32
281.667	0.00	0.01	3.939	O				3.32
281.750	0.00	0.01	3.939	O				3.32
281.833	0.00	0.01	3.939	O				3.32
281.917	0.00	0.01	3.939	O				3.32
282.000	0.00	0.01	3.939	O				3.32
282.083	0.00	0.01	3.939	O				3.32
282.167	0.00	0.01	3.938	O				3.32
282.250	0.00	0.01	3.938	O				3.32
282.333	0.00	0.01	3.938	O				3.32
282.417	0.00	0.01	3.938	O				3.32
282.500	0.00	0.01	3.938	O				3.32
282.583	0.00	0.01	3.938	O				3.32
282.667	0.00	0.01	3.938	O				3.32
282.750	0.00	0.01	3.938	O				3.32
282.833	0.00	0.01	3.938	O				3.32
282.917	0.00	0.01	3.938	O				3.32
283.000	0.00	0.01	3.938	O				3.32
283.083	0.00	0.01	3.938	O				3.32
283.167	0.00	0.01	3.938	O				3.32
283.250	0.00	0.01	3.938	O				3.32
283.333	0.00	0.01	3.937	O				3.32
283.417	0.00	0.01	3.937	O				3.32
283.500	0.00	0.01	3.937	O				3.32
283.583	0.00	0.01	3.937	O				3.32
283.667	0.00	0.01	3.937	O				3.32
283.750	0.00	0.01	3.937	O				3.32
283.833	0.00	0.01	3.937	O				3.32
283.917	0.00	0.01	3.937	O				3.32
284.000	0.00	0.01	3.937	O				3.32
284.083	0.00	0.01	3.937	O				3.32
284.167	0.00	0.01	3.937	O				3.32
284.250	0.00	0.01	3.937	O				3.32
284.333	0.00	0.01	3.937	O				3.32
284.417	0.00	0.01	3.937	O				3.32
284.500	0.00	0.01	3.937	O				3.32
284.583	0.00	0.01	3.936	O				3.32
284.667	0.00	0.01	3.936	O				3.32
284.750	0.00	0.01	3.936	O				3.32
284.833	0.00	0.01	3.936	O				3.32
284.917	0.00	0.01	3.936	O				3.32
285.000	0.00	0.01	3.936	O				3.32
285.083	0.00	0.01	3.936	O				3.32
285.167	0.00	0.01	3.936	O				3.32
285.250	0.00	0.01	3.936	O				3.32
285.333	0.00	0.01	3.936	O				3.32
285.417	0.00	0.01	3.936	O				3.32

285.500	0.00	0.01	3.936	O	|	|	|	3.32
285.583	0.00	0.01	3.936	O	|	|	|	3.32
285.667	0.00	0.01	3.936	O	|	|	|	3.32
285.750	0.00	0.01	3.935	O	|	|	|	3.32
285.833	0.00	0.01	3.935	O	|	|	|	3.32
285.917	0.00	0.01	3.935	O	|	|	|	3.32
286.000	0.00	0.01	3.935	O	|	|	|	3.32
286.083	0.00	0.01	3.935	O	|	|	|	3.32
286.167	0.00	0.01	3.935	O	|	|	|	3.32
286.250	0.00	0.01	3.935	O	|	|	|	3.32
286.333	0.00	0.01	3.935	O	|	|	|	3.32
286.417	0.00	0.01	3.935	O	|	|	|	3.32
286.500	0.00	0.01	3.935	O	|	|	|	3.32
286.583	0.00	0.01	3.935	O	|	|	|	3.32
286.667	0.00	0.01	3.935	O	|	|	|	3.32
286.750	0.00	0.01	3.935	O	|	|	|	3.32
286.833	0.00	0.01	3.935	O	|	|	|	3.32
286.917	0.00	0.01	3.935	O	|	|	|	3.32
287.000	0.00	0.01	3.934	O	|	|	|	3.32
287.083	0.00	0.01	3.934	O	|	|	|	3.32
287.167	0.00	0.01	3.934	O	|	|	|	3.32
287.250	0.00	0.01	3.934	O	|	|	|	3.32
287.333	0.00	0.01	3.934	O	|	|	|	3.32
287.417	0.00	0.01	3.934	O	|	|	|	3.32
287.500	0.00	0.01	3.934	O	|	|	|	3.32
287.583	0.00	0.01	3.934	O	|	|	|	3.32
287.667	0.00	0.01	3.934	O	|	|	|	3.32
287.750	0.00	0.01	3.934	O	|	|	|	3.32
287.833	0.00	0.01	3.934	O	|	|	|	3.32
287.917	0.00	0.01	3.934	O	|	|	|	3.32
288.000	0.00	0.01	3.934	O	|	|	|	3.32
288.083	0.00	0.01	3.934	O	|	|	|	3.32
288.167	0.00	0.01	3.933	O	|	|	|	3.32
288.250	0.00	0.01	3.933	O	|	|	|	3.32
288.333	0.00	0.01	3.933	O	|	|	|	3.32
288.417	0.00	0.01	3.933	O	|	|	|	3.32
288.500	0.00	0.01	3.933	O	|	|	|	3.32
288.583	0.00	0.01	3.933	O	|	|	|	3.32
288.667	0.00	0.01	3.933	O	|	|	|	3.32
288.750	0.00	0.01	3.933	O	|	|	|	3.32
288.833	0.00	0.01	3.933	O	|	|	|	3.32
288.917	0.00	0.01	3.933	O	|	|	|	3.32
289.000	0.00	0.01	3.933	O	|	|	|	3.32
289.083	0.00	0.01	3.933	O	|	|	|	3.32
289.167	0.00	0.01	3.933	O	|	|	|	3.32
289.250	0.00	0.01	3.933	O	|	|	|	3.32
289.333	0.00	0.01	3.933	O	|	|	|	3.32
289.417	0.00	0.01	3.932	O	|	|	|	3.32
289.500	0.00	0.01	3.932	O	|	|	|	3.32
289.583	0.00	0.01	3.932	O	|	|	|	3.32

289.667	0.00	0.01	3.932	O	|	|	|	3.32
289.750	0.00	0.01	3.932	O	|	|	|	3.32
289.833	0.00	0.01	3.932	O	|	|	|	3.32
289.917	0.00	0.01	3.932	O	|	|	|	3.32
290.000	0.00	0.01	3.932	O	|	|	|	3.32
290.083	0.00	0.01	3.932	O	|	|	|	3.32
290.167	0.00	0.01	3.932	O	|	|	|	3.32
290.250	0.00	0.01	3.932	O	|	|	|	3.32
290.333	0.00	0.01	3.932	O	|	|	|	3.31
290.417	0.00	0.01	3.932	O	|	|	|	3.31
290.500	0.00	0.01	3.932	O	|	|	|	3.31
290.583	0.00	0.01	3.931	O	|	|	|	3.31
290.667	0.00	0.01	3.931	O	|	|	|	3.31
290.750	0.00	0.01	3.931	O	|	|	|	3.31
290.833	0.00	0.01	3.931	O	|	|	|	3.31
290.917	0.00	0.01	3.931	O	|	|	|	3.31
291.000	0.00	0.01	3.931	O	|	|	|	3.31
291.083	0.00	0.01	3.931	O	|	|	|	3.31
291.167	0.00	0.01	3.931	O	|	|	|	3.31
291.250	0.00	0.01	3.931	O	|	|	|	3.31
291.333	0.00	0.01	3.931	O	|	|	|	3.31
291.417	0.00	0.01	3.931	O	|	|	|	3.31
291.500	0.00	0.01	3.931	O	|	|	|	3.31
291.583	0.00	0.01	3.931	O	|	|	|	3.31
291.667	0.00	0.01	3.931	O	|	|	|	3.31
291.750	0.00	0.01	3.931	O	|	|	|	3.31
291.833	0.00	0.01	3.930	O	|	|	|	3.31
291.917	0.00	0.01	3.930	O	|	|	|	3.31
292.000	0.00	0.01	3.930	O	|	|	|	3.31
292.083	0.00	0.01	3.930	O	|	|	|	3.31
292.167	0.00	0.01	3.930	O	|	|	|	3.31
292.250	0.00	0.01	3.930	O	|	|	|	3.31
292.333	0.00	0.01	3.930	O	|	|	|	3.31
292.417	0.00	0.01	3.930	O	|	|	|	3.31
292.500	0.00	0.01	3.930	O	|	|	|	3.31
292.583	0.00	0.01	3.930	O	|	|	|	3.31
292.667	0.00	0.01	3.930	O	|	|	|	3.31
292.750	0.00	0.01	3.930	O	|	|	|	3.31
292.833	0.00	0.01	3.930	O	|	|	|	3.31
292.917	0.00	0.01	3.930	O	|	|	|	3.31
293.000	0.00	0.01	3.929	O	|	|	|	3.31
293.083	0.00	0.01	3.929	O	|	|	|	3.31
293.167	0.00	0.01	3.929	O	|	|	|	3.31
293.250	0.00	0.01	3.929	O	|	|	|	3.31
293.333	0.00	0.01	3.929	O	|	|	|	3.31
293.417	0.00	0.01	3.929	O	|	|	|	3.31
293.500	0.00	0.01	3.929	O	|	|	|	3.31
293.583	0.00	0.01	3.929	O	|	|	|	3.31
293.667	0.00	0.01	3.929	O	|	|	|	3.31
293.750	0.00	0.01	3.929	O	|	|	|	3.31

293.833	0.00	0.01	3.929	O				3.31
293.917	0.00	0.01	3.929	O				3.31
294.000	0.00	0.01	3.929	O				3.31
294.083	0.00	0.01	3.929	O				3.31
294.167	0.00	0.01	3.929	O				3.31
294.250	0.00	0.01	3.928	O				3.31
294.333	0.00	0.01	3.928	O				3.31
294.417	0.00	0.01	3.928	O				3.31
294.500	0.00	0.01	3.928	O				3.31
294.583	0.00	0.01	3.928	O				3.31
294.667	0.00	0.01	3.928	O				3.31
294.750	0.00	0.01	3.928	O				3.31
294.833	0.00	0.01	3.928	O				3.31
294.917	0.00	0.01	3.928	O				3.31
295.000	0.00	0.01	3.928	O				3.31
295.083	0.00	0.01	3.928	O				3.31
295.167	0.00	0.01	3.928	O				3.31
295.250	0.00	0.01	3.928	O				3.31
295.333	0.00	0.01	3.928	O				3.31
295.417	0.00	0.01	3.927	O				3.31
295.500	0.00	0.01	3.927	O				3.31
295.583	0.00	0.01	3.927	O				3.31
295.667	0.00	0.01	3.927	O				3.31
295.750	0.00	0.01	3.927	O				3.31
295.833	0.00	0.01	3.927	O				3.31
295.917	0.00	0.01	3.927	O				3.31
296.000	0.00	0.01	3.927	O				3.31
296.083	0.00	0.01	3.927	O				3.31
296.167	0.00	0.01	3.927	O				3.31
296.250	0.00	0.01	3.927	O				3.31
296.333	0.00	0.01	3.927	O				3.31
296.417	0.00	0.01	3.927	O				3.31
296.500	0.00	0.01	3.927	O				3.31
296.583	0.00	0.01	3.927	O				3.31
296.667	0.00	0.01	3.926	O				3.31
296.750	0.00	0.01	3.926	O				3.31
296.833	0.00	0.01	3.926	O				3.31
296.917	0.00	0.01	3.926	O				3.31
297.000	0.00	0.01	3.926	O				3.31
297.083	0.00	0.01	3.926	O				3.31
297.167	0.00	0.01	3.926	O				3.31
297.250	0.00	0.01	3.926	O				3.31
297.333	0.00	0.01	3.926	O				3.31
297.417	0.00	0.01	3.926	O				3.31
297.500	0.00	0.01	3.926	O				3.31
297.583	0.00	0.01	3.926	O				3.31
297.667	0.00	0.01	3.926	O				3.31
297.750	0.00	0.01	3.926	O				3.31
297.833	0.00	0.01	3.925	O				3.31
297.917	0.00	0.01	3.925	O				3.31

298.000	0.00	0.01	3.925	O				3.31
298.083	0.00	0.01	3.925	O				3.31
298.167	0.00	0.01	3.925	O				3.31
298.250	0.00	0.01	3.925	O				3.31
298.333	0.00	0.01	3.925	O				3.31
298.417	0.00	0.01	3.925	O				3.31
298.500	0.00	0.01	3.925	O				3.31
298.583	0.00	0.01	3.925	O				3.31
298.667	0.00	0.01	3.925	O				3.31
298.750	0.00	0.01	3.925	O				3.31
298.833	0.00	0.01	3.925	O				3.31
298.917	0.00	0.01	3.925	O				3.31
299.000	0.00	0.01	3.925	O				3.31
299.083	0.00	0.01	3.924	O				3.31
299.167	0.00	0.01	3.924	O				3.31
299.250	0.00	0.01	3.924	O				3.31
299.333	0.00	0.01	3.924	O				3.31
299.417	0.00	0.01	3.924	O				3.31
299.500	0.00	0.01	3.924	O				3.31
299.583	0.00	0.01	3.924	O				3.31
299.667	0.00	0.01	3.924	O				3.31
299.750	0.00	0.01	3.924	O				3.31
299.833	0.00	0.01	3.924	O				3.31
299.917	0.00	0.01	3.924	O				3.31
300.000	0.00	0.01	3.924	O				3.31
300.083	0.00	0.01	3.924	O				3.31
300.167	0.00	0.01	3.924	O				3.31
300.250	0.00	0.01	3.923	O				3.31
300.333	0.00	0.01	3.923	O				3.31
300.417	0.00	0.01	3.923	O				3.31
300.500	0.00	0.01	3.923	O				3.31
300.583	0.00	0.01	3.923	O				3.31
300.667	0.00	0.01	3.923	O				3.31
300.750	0.00	0.01	3.923	O				3.31
300.833	0.00	0.01	3.923	O				3.31
300.917	0.00	0.01	3.923	O				3.31
301.000	0.00	0.01	3.923	O				3.31
301.083	0.00	0.01	3.923	O				3.31
301.167	0.00	0.01	3.923	O				3.31
301.250	0.00	0.01	3.923	O				3.31
301.333	0.00	0.01	3.923	O				3.31
301.417	0.00	0.01	3.923	O				3.31
301.500	0.00	0.01	3.922	O				3.31
301.583	0.00	0.01	3.922	O				3.31
301.667	0.00	0.01	3.922	O				3.31
301.750	0.00	0.01	3.922	O				3.31
301.833	0.00	0.01	3.922	O				3.31
301.917	0.00	0.01	3.922	O				3.31
302.000	0.00	0.01	3.922	O				3.31
302.083	0.00	0.01	3.922	O				3.31

302.167	0.00	0.01	3.922	O				3.31
302.250	0.00	0.01	3.922	O				3.31
302.333	0.00	0.01	3.922	O				3.31
302.417	0.00	0.01	3.922	O				3.31
302.500	0.00	0.01	3.922	O				3.31
302.583	0.00	0.01	3.922	O				3.31
302.667	0.00	0.01	3.921	O				3.31
302.750	0.00	0.01	3.921	O				3.31
302.833	0.00	0.01	3.921	O				3.31
302.917	0.00	0.01	3.921	O				3.31
303.000	0.00	0.01	3.921	O				3.31
303.083	0.00	0.01	3.921	O				3.31
303.167	0.00	0.01	3.921	O				3.31
303.250	0.00	0.01	3.921	O				3.31
303.333	0.00	0.01	3.921	O				3.31
303.417	0.00	0.01	3.921	O				3.31
303.500	0.00	0.01	3.921	O				3.31
303.583	0.00	0.01	3.921	O				3.31
303.667	0.00	0.01	3.921	O				3.31
303.750	0.00	0.01	3.921	O				3.31
303.833	0.00	0.01	3.921	O				3.31
303.917	0.00	0.01	3.920	O				3.31
304.000	0.00	0.01	3.920	O				3.31
304.083	0.00	0.01	3.920	O				3.31
304.167	0.00	0.01	3.920	O				3.31
304.250	0.00	0.01	3.920	O				3.31
304.333	0.00	0.01	3.920	O				3.31
304.417	0.00	0.01	3.920	O				3.31
304.500	0.00	0.01	3.920	O				3.31
304.583	0.00	0.01	3.920	O				3.31
304.667	0.00	0.01	3.920	O				3.30
304.750	0.00	0.01	3.920	O				3.30
304.833	0.00	0.01	3.920	O				3.30
304.917	0.00	0.01	3.920	O				3.30
305.000	0.00	0.01	3.920	O				3.30
305.083	0.00	0.01	3.920	O				3.30
305.167	0.00	0.01	3.919	O				3.30
305.250	0.00	0.01	3.919	O				3.30
305.333	0.00	0.01	3.919	O				3.30
305.417	0.00	0.01	3.919	O				3.30
305.500	0.00	0.01	3.919	O				3.30
305.583	0.00	0.01	3.919	O				3.30
305.667	0.00	0.01	3.919	O				3.30
305.750	0.00	0.01	3.919	O				3.30
305.833	0.00	0.01	3.919	O				3.30
305.917	0.00	0.01	3.919	O				3.30
306.000	0.00	0.01	3.919	O				3.30
306.083	0.00	0.01	3.919	O				3.30
306.167	0.00	0.01	3.919	O				3.30
306.250	0.00	0.01	3.919	O				3.30

306.333	0.00	0.01	3.918	O				3.30
306.417	0.00	0.01	3.918	O				3.30
306.500	0.00	0.01	3.918	O				3.30
306.583	0.00	0.01	3.918	O				3.30
306.667	0.00	0.01	3.918	O				3.30
306.750	0.00	0.01	3.918	O				3.30
306.833	0.00	0.01	3.918	O				3.30
306.917	0.00	0.01	3.918	O				3.30
307.000	0.00	0.01	3.918	O				3.30
307.083	0.00	0.01	3.918	O				3.30
307.167	0.00	0.01	3.918	O				3.30
307.250	0.00	0.01	3.918	O				3.30
307.333	0.00	0.01	3.918	O				3.30
307.417	0.00	0.01	3.918	O				3.30
307.500	0.00	0.01	3.918	O				3.30
307.583	0.00	0.01	3.917	O				3.30
307.667	0.00	0.01	3.917	O				3.30
307.750	0.00	0.01	3.917	O				3.30
307.833	0.00	0.01	3.917	O				3.30
307.917	0.00	0.01	3.917	O				3.30
308.000	0.00	0.01	3.917	O				3.30
308.083	0.00	0.01	3.917	O				3.30
308.167	0.00	0.01	3.917	O				3.30
308.250	0.00	0.01	3.917	O				3.30
308.333	0.00	0.01	3.917	O				3.30
308.417	0.00	0.01	3.917	O				3.30
308.500	0.00	0.01	3.917	O				3.30
308.583	0.00	0.01	3.917	O				3.30
308.667	0.00	0.01	3.917	O				3.30
308.750	0.00	0.01	3.916	O				3.30
308.833	0.00	0.01	3.916	O				3.30
308.917	0.00	0.01	3.916	O				3.30
309.000	0.00	0.01	3.916	O				3.30
309.083	0.00	0.01	3.916	O				3.30
309.167	0.00	0.01	3.916	O				3.30
309.250	0.00	0.01	3.916	O				3.30
309.333	0.00	0.01	3.916	O				3.30
309.417	0.00	0.01	3.916	O				3.30
309.500	0.00	0.01	3.916	O				3.30
309.583	0.00	0.01	3.916	O				3.30
309.667	0.00	0.01	3.916	O				3.30
309.750	0.00	0.01	3.916	O				3.30
309.833	0.00	0.01	3.916	O				3.30
309.917	0.00	0.01	3.916	O				3.30
310.000	0.00	0.01	3.915	O				3.30
310.083	0.00	0.01	3.915	O				3.30
310.167	0.00	0.01	3.915	O				3.30
310.250	0.00	0.01	3.915	O				3.30
310.333	0.00	0.01	3.915	O				3.30
310.417	0.00	0.01	3.915	O				3.30

310.500	0.00	0.01	3.915	O				3.30
310.583	0.00	0.01	3.915	O				3.30
310.667	0.00	0.01	3.915	O				3.30
310.750	0.00	0.01	3.915	O				3.30
310.833	0.00	0.01	3.915	O				3.30
310.917	0.00	0.01	3.915	O				3.30
311.000	0.00	0.01	3.915	O				3.30
311.083	0.00	0.01	3.915	O				3.30
311.167	0.00	0.01	3.914	O				3.30
311.250	0.00	0.01	3.914	O				3.30
311.333	0.00	0.01	3.914	O				3.30
311.417	0.00	0.01	3.914	O				3.30
311.500	0.00	0.01	3.914	O				3.30
311.583	0.00	0.01	3.914	O				3.30
311.667	0.00	0.01	3.914	O				3.30
311.750	0.00	0.01	3.914	O				3.30
311.833	0.00	0.01	3.914	O				3.30
311.917	0.00	0.01	3.914	O				3.30
312.000	0.00	0.01	3.914	O				3.30
312.083	0.00	0.01	3.914	O				3.30
312.167	0.00	0.01	3.914	O				3.30
312.250	0.00	0.01	3.914	O				3.30
312.333	0.00	0.01	3.914	O				3.30
312.417	0.00	0.01	3.913	O				3.30
312.500	0.00	0.01	3.913	O				3.30
312.583	0.00	0.01	3.913	O				3.30
312.667	0.00	0.01	3.913	O				3.30
312.750	0.00	0.01	3.913	O				3.30
312.833	0.00	0.01	3.913	O				3.30
312.917	0.00	0.01	3.913	O				3.30
313.000	0.00	0.01	3.913	O				3.30
313.083	0.00	0.01	3.913	O				3.30
313.167	0.00	0.01	3.913	O				3.30
313.250	0.00	0.01	3.913	O				3.30
313.333	0.00	0.01	3.913	O				3.30
313.417	0.00	0.01	3.913	O				3.30
313.500	0.00	0.01	3.913	O				3.30
313.583	0.00	0.01	3.912	O				3.30
313.667	0.00	0.01	3.912	O				3.30
313.750	0.00	0.01	3.912	O				3.30
313.833	0.00	0.01	3.912	O				3.30
313.917	0.00	0.01	3.912	O				3.30
314.000	0.00	0.01	3.912	O				3.30
314.083	0.00	0.01	3.912	O				3.30
314.167	0.00	0.01	3.912	O				3.30
314.250	0.00	0.01	3.912	O				3.30
314.333	0.00	0.01	3.912	O				3.30
314.417	0.00	0.01	3.912	O				3.30
314.500	0.00	0.01	3.912	O				3.30
314.583	0.00	0.01	3.912	O				3.30

314.667	0.00	0.01	3.912	O				3.30
314.750	0.00	0.01	3.912	O				3.30
314.833	0.00	0.01	3.911	O				3.30
314.917	0.00	0.01	3.911	O				3.30
315.000	0.00	0.01	3.911	O				3.30
315.083	0.00	0.01	3.911	O				3.30
315.167	0.00	0.01	3.911	O				3.30
315.250	0.00	0.01	3.911	O				3.30
315.333	0.00	0.01	3.911	O				3.30
315.417	0.00	0.01	3.911	O				3.30
315.500	0.00	0.01	3.911	O				3.30
315.583	0.00	0.01	3.911	O				3.30
315.667	0.00	0.01	3.911	O				3.30
315.750	0.00	0.01	3.911	O				3.30
315.833	0.00	0.01	3.911	O				3.30
315.917	0.00	0.01	3.911	O				3.30
316.000	0.00	0.01	3.910	O				3.30
316.083	0.00	0.01	3.910	O				3.30
316.167	0.00	0.01	3.910	O				3.30
316.250	0.00	0.01	3.910	O				3.30
316.333	0.00	0.01	3.910	O				3.30
316.417	0.00	0.01	3.910	O				3.30
316.500	0.00	0.01	3.910	O				3.30
316.583	0.00	0.01	3.910	O				3.30
316.667	0.00	0.01	3.910	O				3.30
316.750	0.00	0.01	3.910	O				3.30
316.833	0.00	0.01	3.910	O				3.30
316.917	0.00	0.01	3.910	O				3.30
317.000	0.00	0.01	3.910	O				3.30
317.083	0.00	0.01	3.910	O				3.30
317.167	0.00	0.01	3.910	O				3.30
317.250	0.00	0.01	3.909	O				3.30
317.333	0.00	0.01	3.909	O				3.30
317.417	0.00	0.01	3.909	O				3.30
317.500	0.00	0.01	3.909	O				3.30
317.583	0.00	0.01	3.909	O				3.30
317.667	0.00	0.01	3.909	O				3.30
317.750	0.00	0.01	3.909	O				3.30
317.833	0.00	0.01	3.909	O				3.30
317.917	0.00	0.01	3.909	O				3.30
318.000	0.00	0.01	3.909	O				3.30
318.083	0.00	0.01	3.909	O				3.30
318.167	0.00	0.01	3.909	O				3.30
318.250	0.00	0.01	3.909	O				3.30
318.333	0.00	0.01	3.909	O				3.30
318.417	0.00	0.01	3.908	O				3.30
318.500	0.00	0.01	3.908	O				3.30
318.583	0.00	0.01	3.908	O				3.30
318.667	0.00	0.01	3.908	O				3.30
318.750	0.00	0.01	3.908	O				3.30

318.833	0.00	0.01	3.908	O				3.30
318.917	0.00	0.01	3.908	O				3.29
319.000	0.00	0.01	3.908	O				3.29
319.083	0.00	0.01	3.908	O				3.29
319.167	0.00	0.01	3.908	O				3.29
319.250	0.00	0.01	3.908	O				3.29
319.333	0.00	0.01	3.908	O				3.29
319.417	0.00	0.01	3.908	O				3.29
319.500	0.00	0.01	3.908	O				3.29
319.583	0.00	0.01	3.908	O				3.29
319.667	0.00	0.01	3.907	O				3.29
319.750	0.00	0.01	3.907	O				3.29
319.833	0.00	0.01	3.907	O				3.29
319.917	0.00	0.01	3.907	O				3.29
320.000	0.00	0.01	3.907	O				3.29
320.083	0.00	0.01	3.907	O				3.29
320.167	0.00	0.01	3.907	O				3.29
320.250	0.00	0.01	3.907	O				3.29
320.333	0.00	0.01	3.907	O				3.29
320.417	0.00	0.01	3.907	O				3.29
320.500	0.00	0.01	3.907	O				3.29
320.583	0.00	0.01	3.907	O				3.29
320.667	0.00	0.01	3.907	O				3.29
320.750	0.00	0.01	3.907	O				3.29
320.833	0.00	0.01	3.906	O				3.29
320.917	0.00	0.01	3.906	O				3.29
321.000	0.00	0.01	3.906	O				3.29
321.083	0.00	0.01	3.906	O				3.29
321.167	0.00	0.01	3.906	O				3.29
321.250	0.00	0.01	3.906	O				3.29
321.333	0.00	0.01	3.906	O				3.29
321.417	0.00	0.01	3.906	O				3.29
321.500	0.00	0.01	3.906	O				3.29
321.583	0.00	0.01	3.906	O				3.29
321.667	0.00	0.01	3.906	O				3.29
321.750	0.00	0.01	3.906	O				3.29
321.833	0.00	0.01	3.906	O				3.29
321.917	0.00	0.01	3.906	O				3.29
322.000	0.00	0.01	3.906	O				3.29
322.083	0.00	0.01	3.905	O				3.29
322.167	0.00	0.01	3.905	O				3.29
322.250	0.00	0.01	3.905	O				3.29
322.333	0.00	0.01	3.905	O				3.29
322.417	0.00	0.01	3.905	O				3.29
322.500	0.00	0.01	3.905	O				3.29
322.583	0.00	0.01	3.905	O				3.29
322.667	0.00	0.01	3.905	O				3.29
322.750	0.00	0.01	3.905	O				3.29
322.833	0.00	0.01	3.905	O				3.29
322.917	0.00	0.01	3.905	O				3.29

323.000	0.00	0.01	3.905	O				3.29
323.083	0.00	0.01	3.905	O				3.29
323.167	0.00	0.01	3.905	O				3.29
323.250	0.00	0.01	3.904	O				3.29
323.333	0.00	0.01	3.904	O				3.29
323.417	0.00	0.01	3.904	O				3.29
323.500	0.00	0.01	3.904	O				3.29
323.583	0.00	0.01	3.904	O				3.29
323.667	0.00	0.01	3.904	O				3.29
323.750	0.00	0.01	3.904	O				3.29
323.833	0.00	0.01	3.904	O				3.29
323.917	0.00	0.01	3.904	O				3.29
324.000	0.00	0.01	3.904	O				3.29
324.083	0.00	0.01	3.904	O				3.29
324.167	0.00	0.01	3.904	O				3.29
324.250	0.00	0.01	3.904	O				3.29
324.333	0.00	0.01	3.904	O				3.29
324.417	0.00	0.01	3.904	O				3.29
324.500	0.00	0.01	3.903	O				3.29
324.583	0.00	0.01	3.903	O				3.29
324.667	0.00	0.01	3.903	O				3.29
324.750	0.00	0.01	3.903	O				3.29
324.833	0.00	0.01	3.903	O				3.29
324.917	0.00	0.01	3.903	O				3.29
325.000	0.00	0.01	3.903	O				3.29
325.083	0.00	0.01	3.903	O				3.29
325.167	0.00	0.01	3.903	O				3.29
325.250	0.00	0.01	3.903	O				3.29
325.333	0.00	0.01	3.903	O				3.29
325.417	0.00	0.01	3.903	O				3.29
325.500	0.00	0.01	3.903	O				3.29
325.583	0.00	0.01	3.903	O				3.29
325.667	0.00	0.01	3.902	O				3.29
325.750	0.00	0.01	3.902	O				3.29
325.833	0.00	0.01	3.902	O				3.29
325.917	0.00	0.01	3.902	O				3.29
326.000	0.00	0.01	3.902	O				3.29
326.083	0.00	0.01	3.902	O				3.29
326.167	0.00	0.01	3.902	O				3.29
326.250	0.00	0.01	3.902	O				3.29
326.333	0.00	0.01	3.902	O				3.29
326.417	0.00	0.01	3.902	O				3.29
326.500	0.00	0.01	3.902	O				3.29
326.583	0.00	0.01	3.902	O				3.29
326.667	0.00	0.01	3.902	O				3.29
326.750	0.00	0.01	3.902	O				3.29
326.833	0.00	0.01	3.902	O				3.29
326.917	0.00	0.01	3.901	O				3.29
327.000	0.00	0.01	3.901	O				3.29
327.083	0.00	0.01	3.901	O				3.29

327.167	0.00	0.01	3.901	O				3.29
327.250	0.00	0.01	3.901	O				3.29
327.333	0.00	0.01	3.901	O				3.29
327.417	0.00	0.01	3.901	O				3.29
327.500	0.00	0.01	3.901	O				3.29
327.583	0.00	0.01	3.901	O				3.29
327.667	0.00	0.01	3.901	O				3.29
327.750	0.00	0.01	3.901	O				3.29
327.833	0.00	0.01	3.901	O				3.29
327.917	0.00	0.01	3.901	O				3.29
328.000	0.00	0.01	3.901	O				3.29
328.083	0.00	0.01	3.900	O				3.29
328.167	0.00	0.01	3.900	O				3.29
328.250	0.00	0.01	3.900	O				3.29
328.333	0.00	0.01	3.900	O				3.29
328.417	0.00	0.01	3.900	O				3.29
328.500	0.00	0.01	3.900	O				3.29
328.583	0.00	0.01	3.900	O				3.29
328.667	0.00	0.01	3.900	O				3.29
328.750	0.00	0.01	3.900	O				3.29
328.833	0.00	0.01	3.900	O				3.29
328.917	0.00	0.01	3.900	O				3.29
329.000	0.00	0.01	3.900	O				3.29
329.083	0.00	0.01	3.900	O				3.29
329.167	0.00	0.01	3.900	O				3.29
329.250	0.00	0.01	3.900	O				3.29
329.333	0.00	0.01	3.899	O				3.29
329.417	0.00	0.01	3.899	O				3.29
329.500	0.00	0.01	3.899	O				3.29
329.583	0.00	0.01	3.899	O				3.29
329.667	0.00	0.01	3.899	O				3.29
329.750	0.00	0.01	3.899	O				3.29
329.833	0.00	0.01	3.899	O				3.29
329.917	0.00	0.01	3.899	O				3.29
330.000	0.00	0.01	3.899	O				3.29
330.083	0.00	0.01	3.899	O				3.29
330.167	0.00	0.01	3.899	O				3.29
330.250	0.00	0.01	3.899	O				3.29
330.333	0.00	0.01	3.899	O				3.29
330.417	0.00	0.01	3.899	O				3.29
330.500	0.00	0.01	3.898	O				3.29
330.583	0.00	0.01	3.898	O				3.29
330.667	0.00	0.01	3.898	O				3.29
330.750	0.00	0.01	3.898	O				3.29
330.833	0.00	0.01	3.898	O				3.29
330.917	0.00	0.01	3.898	O				3.29
331.000	0.00	0.01	3.898	O				3.29
331.083	0.00	0.01	3.898	O				3.29
331.167	0.00	0.01	3.898	O				3.29
331.250	0.00	0.01	3.898	O				3.29

331.333	0.00	0.01	3.898	O				3.29
331.417	0.00	0.01	3.898	O				3.29
331.500	0.00	0.01	3.898	O				3.29
331.583	0.00	0.01	3.898	O				3.29
331.667	0.00	0.01	3.898	O				3.29
331.750	0.00	0.01	3.897	O				3.29
331.833	0.00	0.01	3.897	O				3.29
331.917	0.00	0.01	3.897	O				3.29
332.000	0.00	0.01	3.897	O				3.29
332.083	0.00	0.01	3.897	O				3.29
332.167	0.00	0.01	3.897	O				3.29
332.250	0.00	0.01	3.897	O				3.29
332.333	0.00	0.01	3.897	O				3.29
332.417	0.00	0.01	3.897	O				3.29
332.500	0.00	0.01	3.897	O				3.29
332.583	0.00	0.01	3.897	O				3.29
332.667	0.00	0.01	3.897	O				3.29
332.750	0.00	0.01	3.897	O				3.29
332.833	0.00	0.01	3.897	O				3.29
332.917	0.00	0.01	3.896	O				3.29
333.000	0.00	0.01	3.896	O				3.29
333.083	0.00	0.01	3.896	O				3.29
333.167	0.00	0.01	3.896	O				3.28
333.250	0.00	0.01	3.896	O				3.28
333.333	0.00	0.01	3.896	O				3.28
333.417	0.00	0.01	3.896	O				3.28
333.500	0.00	0.01	3.896	O				3.28
333.583	0.00	0.01	3.896	O				3.28
333.667	0.00	0.01	3.896	O				3.28
333.750	0.00	0.01	3.896	O				3.28
333.833	0.00	0.01	3.896	O				3.28
333.917	0.00	0.01	3.896	O				3.28
334.000	0.00	0.01	3.896	O				3.28
334.083	0.00	0.01	3.896	O				3.28
334.167	0.00	0.01	3.895	O				3.28
334.250	0.00	0.01	3.895	O				3.28
334.333	0.00	0.01	3.895	O				3.28
334.417	0.00	0.01	3.895	O				3.28
334.500	0.00	0.01	3.895	O				3.28
334.583	0.00	0.01	3.895	O				3.28
334.667	0.00	0.01	3.895	O				3.28
334.750	0.00	0.01	3.895	O				3.28
334.833	0.00	0.01	3.895	O				3.28
334.917	0.00	0.01	3.895	O				3.28
335.000	0.00	0.01	3.895	O				3.28
335.083	0.00	0.01	3.895	O				3.28
335.167	0.00	0.01	3.895	O				3.28
335.250	0.00	0.01	3.895	O				3.28
335.333	0.00	0.01	3.895	O				3.28
335.417	0.00	0.01	3.894	O				3.28

335.500	0.00	0.01	3.894	O				3.28
335.583	0.00	0.01	3.894	O				3.28
335.667	0.00	0.01	3.894	O				3.28
335.750	0.00	0.01	3.894	O				3.28
335.833	0.00	0.01	3.894	O				3.28
335.917	0.00	0.01	3.894	O				3.28
336.000	0.00	0.01	3.894	O				3.28
336.083	0.00	0.01	3.894	O				3.28
336.167	0.00	0.01	3.894	O				3.28
336.250	0.00	0.01	3.894	O				3.28
336.333	0.00	0.01	3.894	O				3.28
336.417	0.00	0.01	3.894	O				3.28
336.500	0.00	0.01	3.894	O				3.28
336.583	0.00	0.01	3.893	O				3.28
336.667	0.00	0.01	3.893	O				3.28
336.750	0.00	0.01	3.893	O				3.28
336.833	0.00	0.01	3.893	O				3.28
336.917	0.00	0.01	3.893	O				3.28
337.000	0.00	0.01	3.893	O				3.28
337.083	0.00	0.01	3.893	O				3.28
337.167	0.00	0.01	3.893	O				3.28
337.250	0.00	0.01	3.893	O				3.28
337.333	0.00	0.01	3.893	O				3.28
337.417	0.00	0.01	3.893	O				3.28
337.500	0.00	0.01	3.893	O				3.28
337.583	0.00	0.01	3.893	O				3.28
337.667	0.00	0.01	3.893	O				3.28
337.750	0.00	0.01	3.893	O				3.28
337.833	0.00	0.01	3.892	O				3.28
337.917	0.00	0.01	3.892	O				3.28
338.000	0.00	0.01	3.892	O				3.28
338.083	0.00	0.01	3.892	O				3.28
338.167	0.00	0.01	3.892	O				3.28
338.250	0.00	0.01	3.892	O				3.28
338.333	0.00	0.01	3.892	O				3.28
338.417	0.00	0.01	3.892	O				3.28
338.500	0.00	0.01	3.892	O				3.28
338.583	0.00	0.01	3.892	O				3.28
338.667	0.00	0.01	3.892	O				3.28
338.750	0.00	0.01	3.892	O				3.28
338.833	0.00	0.01	3.892	O				3.28
338.917	0.00	0.01	3.892	O				3.28
339.000	0.00	0.01	3.891	O				3.28
339.083	0.00	0.01	3.891	O				3.28
339.167	0.00	0.01	3.891	O				3.28
339.250	0.00	0.01	3.891	O				3.28
339.333	0.00	0.01	3.891	O				3.28
339.417	0.00	0.01	3.891	O				3.28
339.500	0.00	0.01	3.891	O				3.28
339.583	0.00	0.01	3.891	O				3.28

339.667	0.00	0.01	3.891	O					3.28
339.750	0.00	0.01	3.891	O					3.28
339.833	0.00	0.01	3.891	O					3.28
339.917	0.00	0.01	3.891	O					3.28
340.000	0.00	0.01	3.891	O					3.28
340.083	0.00	0.01	3.891	O					3.28
340.167	0.00	0.01	3.891	O					3.28
340.250	0.00	0.01	3.890	O					3.28
340.333	0.00	0.01	3.890	O					3.28
340.417	0.00	0.01	3.890	O					3.28
340.500	0.00	0.01	3.890	O					3.28
340.583	0.00	0.01	3.890	O					3.28
340.667	0.00	0.01	3.890	O					3.28
340.750	0.00	0.01	3.890	O					3.28
340.833	0.00	0.01	3.890	O					3.28
340.917	0.00	0.01	3.890	O					3.28
341.000	0.00	0.01	3.890	O					3.28
341.083	0.00	0.01	3.890	O					3.28
341.167	0.00	0.01	3.890	O					3.28
341.250	0.00	0.01	3.890	O					3.28
341.333	0.00	0.01	3.890	O					3.28
341.417	0.00	0.01	3.889	O					3.28
341.500	0.00	0.01	3.889	O					3.28
341.583	0.00	0.01	3.889	O					3.28
341.667	0.00	0.01	3.889	O					3.28
341.750	0.00	0.01	3.889	O					3.28
341.833	0.00	0.01	3.889	O					3.28
341.917	0.00	0.01	3.889	O					3.28
342.000	0.00	0.01	3.889	O					3.28
342.083	0.00	0.01	3.889	O					3.28
342.167	0.00	0.01	3.889	O					3.28
342.250	0.00	0.01	3.889	O					3.28
342.333	0.00	0.01	3.889	O					3.28
342.417	0.00	0.01	3.889	O					3.28
342.500	0.00	0.01	3.889	O					3.28
342.583	0.00	0.01	3.889	O					3.28
342.667	0.00	0.01	3.888	O					3.28
342.750	0.00	0.01	3.888	O					3.28
342.833	0.00	0.01	3.888	O					3.28
342.917	0.00	0.01	3.888	O					3.28
343.000	0.00	0.01	3.888	O					3.28
343.083	0.00	0.01	3.888	O					3.28
343.167	0.00	0.01	3.888	O					3.28
343.250	0.00	0.01	3.888	O					3.28
343.333	0.00	0.01	3.888	O					3.28
343.417	0.00	0.01	3.888	O					3.28
343.500	0.00	0.01	3.888	O					3.28
343.583	0.00	0.01	3.888	O					3.28
343.667	0.00	0.01	3.888	O					3.28
343.750	0.00	0.01	3.888	O					3.28

343.833	0.00	0.01	3.887	O				3.28
343.917	0.00	0.01	3.887	O				3.28
344.000	0.00	0.01	3.887	O				3.28
344.083	0.00	0.01	3.887	O				3.28
344.167	0.00	0.01	3.887	O				3.28
344.250	0.00	0.01	3.887	O				3.28
344.333	0.00	0.01	3.887	O				3.28
344.417	0.00	0.01	3.887	O				3.28
344.500	0.00	0.01	3.887	O				3.28
344.583	0.00	0.01	3.887	O				3.28
344.667	0.00	0.01	3.887	O				3.28
344.750	0.00	0.01	3.887	O				3.28
344.833	0.00	0.01	3.887	O				3.28
344.917	0.00	0.01	3.887	O				3.28
345.000	0.00	0.01	3.887	O				3.28
345.083	0.00	0.01	3.886	O				3.28
345.167	0.00	0.01	3.886	O				3.28
345.250	0.00	0.01	3.886	O				3.28
345.333	0.00	0.01	3.886	O				3.28
345.417	0.00	0.01	3.886	O				3.28
345.500	0.00	0.01	3.886	O				3.28
345.583	0.00	0.01	3.886	O				3.28
345.667	0.00	0.01	3.886	O				3.28
345.750	0.00	0.01	3.886	O				3.28
345.833	0.00	0.01	3.886	O				3.28
345.917	0.00	0.01	3.886	O				3.28
346.000	0.00	0.01	3.886	O				3.28
346.083	0.00	0.01	3.886	O				3.28
346.167	0.00	0.01	3.886	O				3.28
346.250	0.00	0.01	3.885	O				3.28
346.333	0.00	0.01	3.885	O				3.28
346.417	0.00	0.01	3.885	O				3.28
346.500	0.00	0.01	3.885	O				3.28
346.583	0.00	0.01	3.885	O				3.28
346.667	0.00	0.01	3.885	O				3.28
346.750	0.00	0.01	3.885	O				3.28
346.833	0.00	0.01	3.885	O				3.28
346.917	0.00	0.01	3.885	O				3.28
347.000	0.00	0.01	3.885	O				3.28
347.083	0.00	0.01	3.885	O				3.28
347.167	0.00	0.01	3.885	O				3.28
347.250	0.00	0.01	3.885	O				3.28
347.333	0.00	0.01	3.885	O				3.28
347.417	0.00	0.01	3.885	O				3.28
347.500	0.00	0.01	3.884	O				3.27
347.583	0.00	0.01	3.884	O				3.27
347.667	0.00	0.01	3.884	O				3.27
347.750	0.00	0.01	3.884	O				3.27
347.833	0.00	0.01	3.884	O				3.27
347.917	0.00	0.01	3.884	O				3.27

348.000	0.00	0.01	3.884	O					3.27
348.083	0.00	0.01	3.884	O					3.27
348.167	0.00	0.01	3.884	O					3.27
348.250	0.00	0.01	3.884	O					3.27
348.333	0.00	0.01	3.884	O					3.27
348.417	0.00	0.01	3.884	O					3.27
348.500	0.00	0.01	3.884	O					3.27
348.583	0.00	0.01	3.884	O					3.27
348.667	0.00	0.01	3.883	O					3.27
348.750	0.00	0.01	3.883	O					3.27
348.833	0.00	0.01	3.883	O					3.27
348.917	0.00	0.01	3.883	O					3.27
349.000	0.00	0.01	3.883	O					3.27
349.083	0.00	0.01	3.883	O					3.27
349.167	0.00	0.01	3.883	O					3.27
349.250	0.00	0.01	3.883	O					3.27
349.333	0.00	0.01	3.883	O					3.27
349.417	0.00	0.01	3.883	O					3.27
349.500	0.00	0.01	3.883	O					3.27
349.583	0.00	0.01	3.883	O					3.27
349.667	0.00	0.01	3.883	O					3.27
349.750	0.00	0.01	3.883	O					3.27
349.833	0.00	0.01	3.883	O					3.27
349.917	0.00	0.01	3.882	O					3.27
350.000	0.00	0.01	3.882	O					3.27
350.083	0.00	0.01	3.882	O					3.27
350.167	0.00	0.01	3.882	O					3.27
350.250	0.00	0.01	3.882	O					3.27
350.333	0.00	0.01	3.882	O					3.27
350.417	0.00	0.01	3.882	O					3.27
350.500	0.00	0.01	3.882	O					3.27
350.583	0.00	0.01	3.882	O					3.27
350.667	0.00	0.01	3.882	O					3.27
350.750	0.00	0.01	3.882	O					3.27
350.833	0.00	0.01	3.882	O					3.27
350.917	0.00	0.01	3.882	O					3.27
351.000	0.00	0.01	3.882	O					3.27
351.083	0.00	0.01	3.881	O					3.27
351.167	0.00	0.01	3.881	O					3.27
351.250	0.00	0.01	3.881	O					3.27
351.333	0.00	0.01	3.881	O					3.27
351.417	0.00	0.01	3.881	O					3.27
351.500	0.00	0.01	3.881	O					3.27
351.583	0.00	0.01	3.881	O					3.27
351.667	0.00	0.01	3.881	O					3.27
351.750	0.00	0.01	3.881	O					3.27
351.833	0.00	0.01	3.881	O					3.27
351.917	0.00	0.01	3.881	O					3.27
352.000	0.00	0.01	3.881	O					3.27
352.083	0.00	0.01	3.881	O					3.27

352.167	0.00	0.01	3.881	O					3.27
352.250	0.00	0.01	3.881	O					3.27
352.333	0.00	0.01	3.880	O					3.27
352.417	0.00	0.01	3.880	O					3.27
352.500	0.00	0.01	3.880	O					3.27
352.583	0.00	0.01	3.880	O					3.27
352.667	0.00	0.01	3.880	O					3.27
352.750	0.00	0.01	3.880	O					3.27
352.833	0.00	0.01	3.880	O					3.27
352.917	0.00	0.01	3.880	O					3.27
353.000	0.00	0.01	3.880	O					3.27
353.083	0.00	0.01	3.880	O					3.27
353.167	0.00	0.01	3.880	O					3.27
353.250	0.00	0.01	3.880	O					3.27
353.333	0.00	0.01	3.880	O					3.27
353.417	0.00	0.01	3.880	O					3.27
353.500	0.00	0.01	3.879	O					3.27
353.583	0.00	0.01	3.879	O					3.27
353.667	0.00	0.01	3.879	O					3.27
353.750	0.00	0.01	3.879	O					3.27
353.833	0.00	0.01	3.879	O					3.27
353.917	0.00	0.01	3.879	O					3.27
354.000	0.00	0.01	3.879	O					3.27
354.083	0.00	0.01	3.879	O					3.27
354.167	0.00	0.01	3.879	O					3.27
354.250	0.00	0.01	3.879	O					3.27
354.333	0.00	0.01	3.879	O					3.27
354.417	0.00	0.01	3.879	O					3.27
354.500	0.00	0.01	3.879	O					3.27
354.583	0.00	0.01	3.879	O					3.27
354.667	0.00	0.01	3.879	O					3.27
354.750	0.00	0.01	3.878	O					3.27
354.833	0.00	0.01	3.878	O					3.27
354.917	0.00	0.01	3.878	O					3.27
355.000	0.00	0.01	3.878	O					3.27
355.083	0.00	0.01	3.878	O					3.27
355.167	0.00	0.01	3.878	O					3.27
355.250	0.00	0.01	3.878	O					3.27
355.333	0.00	0.01	3.878	O					3.27
355.417	0.00	0.01	3.878	O					3.27
355.500	0.00	0.01	3.878	O					3.27
355.583	0.00	0.01	3.878	O					3.27
355.667	0.00	0.01	3.878	O					3.27
355.750	0.00	0.01	3.878	O					3.27
355.833	0.00	0.01	3.878	O					3.27
355.917	0.00	0.01	3.877	O					3.27
356.000	0.00	0.01	3.877	O					3.27
356.083	0.00	0.01	3.877	O					3.27
356.167	0.00	0.01	3.877	O					3.27
356.250	0.00	0.01	3.877	O					3.27

356.333	0.00	0.01	3.877	O				3.27
356.417	0.00	0.01	3.877	O				3.27
356.500	0.00	0.01	3.877	O				3.27
356.583	0.00	0.01	3.877	O				3.27
356.667	0.00	0.01	3.877	O				3.27
356.750	0.00	0.01	3.877	O				3.27
356.833	0.00	0.01	3.877	O				3.27
356.917	0.00	0.01	3.877	O				3.27
357.000	0.00	0.01	3.877	O				3.27
357.083	0.00	0.01	3.877	O				3.27
357.167	0.00	0.01	3.876	O				3.27
357.250	0.00	0.01	3.876	O				3.27
357.333	0.00	0.01	3.876	O				3.27
357.417	0.00	0.01	3.876	O				3.27
357.500	0.00	0.01	3.876	O				3.27
357.583	0.00	0.01	3.876	O				3.27
357.667	0.00	0.01	3.876	O				3.27
357.750	0.00	0.01	3.876	O				3.27
357.833	0.00	0.01	3.876	O				3.27
357.917	0.00	0.01	3.876	O				3.27
358.000	0.00	0.01	3.876	O				3.27
358.083	0.00	0.01	3.876	O				3.27
358.167	0.00	0.01	3.876	O				3.27
358.250	0.00	0.01	3.876	O				3.27
358.333	0.00	0.01	3.875	O				3.27
358.417	0.00	0.01	3.875	O				3.27
358.500	0.00	0.01	3.875	O				3.27
358.583	0.00	0.01	3.875	O				3.27
358.667	0.00	0.01	3.875	O				3.27
358.750	0.00	0.01	3.875	O				3.27
358.833	0.00	0.01	3.875	O				3.27
358.917	0.00	0.01	3.875	O				3.27
359.000	0.00	0.01	3.875	O				3.27
359.083	0.00	0.01	3.875	O				3.27
359.167	0.00	0.01	3.875	O				3.27
359.250	0.00	0.01	3.875	O				3.27
359.333	0.00	0.01	3.875	O				3.27
359.417	0.00	0.01	3.875	O				3.27
359.500	0.00	0.01	3.875	O				3.27
359.583	0.00	0.01	3.874	O				3.27
359.667	0.00	0.01	3.874	O				3.27
359.750	0.00	0.01	3.874	O				3.27
359.833	0.00	0.01	3.874	O				3.27
359.917	0.00	0.01	3.874	O				3.27
360.000	0.00	0.01	3.874	O				3.27
360.083	0.00	0.01	3.874	O				3.27
360.167	0.00	0.01	3.874	O				3.27
360.250	0.00	0.01	3.874	O				3.27
360.333	0.00	0.01	3.874	O				3.27
360.417	0.00	0.01	3.874	O				3.27

360.500	0.00	0.01	3.874	O				3.27
360.583	0.00	0.01	3.874	O				3.27
360.667	0.00	0.01	3.874	O				3.27
360.750	0.00	0.01	3.873	O				3.27
360.833	0.00	0.01	3.873	O				3.27
360.917	0.00	0.01	3.873	O				3.27
361.000	0.00	0.01	3.873	O				3.27
361.083	0.00	0.01	3.873	O				3.27
361.167	0.00	0.01	3.873	O				3.27
361.250	0.00	0.01	3.873	O				3.27
361.333	0.00	0.01	3.873	O				3.27
361.417	0.00	0.01	3.873	O				3.27
361.500	0.00	0.01	3.873	O				3.27
361.583	0.00	0.01	3.873	O				3.27
361.667	0.00	0.01	3.873	O				3.27
361.750	0.00	0.01	3.873	O				3.26
361.833	0.00	0.01	3.873	O				3.26
361.917	0.00	0.01	3.873	O				3.26
362.000	0.00	0.01	3.872	O				3.26
362.083	0.00	0.01	3.872	O				3.26
362.167	0.00	0.01	3.872	O				3.26
362.250	0.00	0.01	3.872	O				3.26
362.333	0.00	0.01	3.872	O				3.26
362.417	0.00	0.01	3.872	O				3.26
362.500	0.00	0.01	3.872	O				3.26
362.583	0.00	0.01	3.872	O				3.26
362.667	0.00	0.01	3.872	O				3.26
362.750	0.00	0.01	3.872	O				3.26
362.833	0.00	0.01	3.872	O				3.26
362.917	0.00	0.01	3.872	O				3.26
363.000	0.00	0.01	3.872	O				3.26
363.083	0.00	0.01	3.872	O				3.26
363.167	0.00	0.01	3.871	O				3.26
363.250	0.00	0.01	3.871	O				3.26
363.333	0.00	0.01	3.871	O				3.26
363.417	0.00	0.01	3.871	O				3.26
363.500	0.00	0.01	3.871	O				3.26
363.583	0.00	0.01	3.871	O				3.26
363.667	0.00	0.01	3.871	O				3.26
363.750	0.00	0.01	3.871	O				3.26
363.833	0.00	0.01	3.871	O				3.26
363.917	0.00	0.01	3.871	O				3.26
364.000	0.00	0.01	3.871	O				3.26
364.083	0.00	0.01	3.871	O				3.26
364.167	0.00	0.01	3.871	O				3.26
364.250	0.00	0.01	3.871	O				3.26
364.333	0.00	0.01	3.871	O				3.26
364.417	0.00	0.01	3.870	O				3.26
364.500	0.00	0.01	3.870	O				3.26
364.583	0.00	0.01	3.870	O				3.26

364.667	0.00	0.01	3.870	O					3.26
364.750	0.00	0.01	3.870	O					3.26
364.833	0.00	0.01	3.870	O					3.26
364.917	0.00	0.01	3.870	O					3.26
365.000	0.00	0.01	3.870	O					3.26
365.083	0.00	0.01	3.870	O					3.26
365.167	0.00	0.01	3.870	O					3.26
365.250	0.00	0.01	3.870	O					3.26
365.333	0.00	0.01	3.870	O					3.26
365.417	0.00	0.01	3.870	O					3.26
365.500	0.00	0.01	3.870	O					3.26
365.583	0.00	0.01	3.870	O					3.26
365.667	0.00	0.01	3.869	O					3.26
365.750	0.00	0.01	3.869	O					3.26
365.833	0.00	0.01	3.869	O					3.26
365.917	0.00	0.01	3.869	O					3.26
366.000	0.00	0.01	3.869	O					3.26
366.083	0.00	0.01	3.869	O					3.26
366.167	0.00	0.01	3.869	O					3.26
366.250	0.00	0.01	3.869	O					3.26
366.333	0.00	0.01	3.869	O					3.26
366.417	0.00	0.01	3.869	O					3.26
366.500	0.00	0.01	3.869	O					3.26
366.583	0.00	0.01	3.869	O					3.26
366.667	0.00	0.01	3.869	O					3.26
366.750	0.00	0.01	3.869	O					3.26
366.833	0.00	0.01	3.868	O					3.26
366.917	0.00	0.01	3.868	O					3.26
367.000	0.00	0.01	3.868	O					3.26
367.083	0.00	0.01	3.868	O					3.26
367.167	0.00	0.01	3.868	O					3.26
367.250	0.00	0.01	3.868	O					3.26
367.333	0.00	0.01	3.868	O					3.26
367.417	0.00	0.01	3.868	O					3.26
367.500	0.00	0.01	3.868	O					3.26
367.583	0.00	0.01	3.868	O					3.26
367.667	0.00	0.01	3.868	O					3.26
367.750	0.00	0.01	3.868	O					3.26
367.833	0.00	0.01	3.868	O					3.26
367.917	0.00	0.01	3.868	O					3.26
368.000	0.00	0.01	3.868	O					3.26
368.083	0.00	0.01	3.867	O					3.26
368.167	0.00	0.01	3.867	O					3.26
368.250	0.00	0.01	3.867	O					3.26
368.333	0.00	0.01	3.867	O					3.26
368.417	0.00	0.01	3.867	O					3.26
368.500	0.00	0.01	3.867	O					3.26
368.583	0.00	0.01	3.867	O					3.26
368.667	0.00	0.01	3.867	O					3.26
368.750	0.00	0.01	3.867	O					3.26

368.833	0.00	0.01	3.867	O				3.26
368.917	0.00	0.01	3.867	O				3.26
369.000	0.00	0.01	3.867	O				3.26
369.083	0.00	0.01	3.867	O				3.26
369.167	0.00	0.01	3.867	O				3.26
369.250	0.00	0.01	3.866	O				3.26
369.333	0.00	0.01	3.866	O				3.26
369.417	0.00	0.01	3.866	O				3.26
369.500	0.00	0.01	3.866	O				3.26
369.583	0.00	0.01	3.866	O				3.26
369.667	0.00	0.01	3.866	O				3.26
369.750	0.00	0.01	3.866	O				3.26
369.833	0.00	0.01	3.866	O				3.26
369.917	0.00	0.01	3.866	O				3.26
370.000	0.00	0.01	3.866	O				3.26
370.083	0.00	0.01	3.866	O				3.26
370.167	0.00	0.01	3.866	O				3.26
370.250	0.00	0.01	3.866	O				3.26
370.333	0.00	0.01	3.866	O				3.26
370.417	0.00	0.01	3.866	O				3.26
370.500	0.00	0.01	3.865	O				3.26
370.583	0.00	0.01	3.865	O				3.26
370.667	0.00	0.01	3.865	O				3.26
370.750	0.00	0.01	3.865	O				3.26
370.833	0.00	0.01	3.865	O				3.26
370.917	0.00	0.01	3.865	O				3.26
371.000	0.00	0.01	3.865	O				3.26
371.083	0.00	0.01	3.865	O				3.26
371.167	0.00	0.01	3.865	O				3.26
371.250	0.00	0.01	3.865	O				3.26
371.333	0.00	0.01	3.865	O				3.26
371.417	0.00	0.01	3.865	O				3.26
371.500	0.00	0.01	3.865	O				3.26
371.583	0.00	0.01	3.865	O				3.26
371.667	0.00	0.01	3.864	O				3.26
371.750	0.00	0.01	3.864	O				3.26
371.833	0.00	0.01	3.864	O				3.26
371.917	0.00	0.01	3.864	O				3.26
372.000	0.00	0.01	3.864	O				3.26
372.083	0.00	0.01	3.864	O				3.26
372.167	0.00	0.01	3.864	O				3.26
372.250	0.00	0.01	3.864	O				3.26
372.333	0.00	0.01	3.864	O				3.26
372.417	0.00	0.01	3.864	O				3.26
372.500	0.00	0.01	3.864	O				3.26
372.583	0.00	0.01	3.864	O				3.26
372.667	0.00	0.01	3.864	O				3.26
372.750	0.00	0.01	3.864	O				3.26
372.833	0.00	0.01	3.864	O				3.26
372.917	0.00	0.01	3.863	O				3.26

373.000	0.00	0.01	3.863	O				3.26
373.083	0.00	0.01	3.863	O				3.26
373.167	0.00	0.01	3.863	O				3.26
373.250	0.00	0.01	3.863	O				3.26
373.333	0.00	0.01	3.863	O				3.26
373.417	0.00	0.01	3.863	O				3.26
373.500	0.00	0.01	3.863	O				3.26
373.583	0.00	0.01	3.863	O				3.26
373.667	0.00	0.01	3.863	O				3.26
373.750	0.00	0.01	3.863	O				3.26
373.833	0.00	0.01	3.863	O				3.26
373.917	0.00	0.01	3.863	O				3.26
374.000	0.00	0.01	3.863	O				3.26
374.083	0.00	0.01	3.862	O				3.26
374.167	0.00	0.01	3.862	O				3.26
374.250	0.00	0.01	3.862	O				3.26
374.333	0.00	0.01	3.862	O				3.26
374.417	0.00	0.01	3.862	O				3.26
374.500	0.00	0.01	3.862	O				3.26
374.583	0.00	0.01	3.862	O				3.26
374.667	0.00	0.01	3.862	O				3.26
374.750	0.00	0.01	3.862	O				3.26
374.833	0.00	0.01	3.862	O				3.26
374.917	0.00	0.01	3.862	O				3.26
375.000	0.00	0.01	3.862	O				3.26
375.083	0.00	0.01	3.862	O				3.26
375.167	0.00	0.01	3.862	O				3.26
375.250	0.00	0.01	3.862	O				3.26
375.333	0.00	0.01	3.861	O				3.26
375.417	0.00	0.01	3.861	O				3.26
375.500	0.00	0.01	3.861	O				3.26
375.583	0.00	0.01	3.861	O				3.26
375.667	0.00	0.01	3.861	O				3.26
375.750	0.00	0.01	3.861	O				3.26
375.833	0.00	0.01	3.861	O				3.26
375.917	0.00	0.01	3.861	O				3.26
376.000	0.00	0.01	3.861	O				3.25
376.083	0.00	0.01	3.861	O				3.25
376.167	0.00	0.01	3.861	O				3.25
376.250	0.00	0.01	3.861	O				3.25
376.333	0.00	0.01	3.861	O				3.25
376.417	0.00	0.01	3.861	O				3.25
376.500	0.00	0.01	3.860	O				3.25
376.583	0.00	0.01	3.860	O				3.25
376.667	0.00	0.01	3.860	O				3.25
376.750	0.00	0.01	3.860	O				3.25
376.833	0.00	0.01	3.860	O				3.25
376.917	0.00	0.01	3.860	O				3.25
377.000	0.00	0.01	3.860	O				3.25
377.083	0.00	0.01	3.860	O				3.25

377.167	0.00	0.01	3.860	O				3.25
377.250	0.00	0.01	3.860	O				3.25
377.333	0.00	0.01	3.860	O				3.25
377.417	0.00	0.01	3.860	O				3.25
377.500	0.00	0.01	3.860	O				3.25
377.583	0.00	0.01	3.860	O				3.25
377.667	0.00	0.01	3.860	O				3.25
377.750	0.00	0.01	3.859	O				3.25
377.833	0.00	0.01	3.859	O				3.25
377.917	0.00	0.01	3.859	O				3.25
378.000	0.00	0.01	3.859	O				3.25
378.083	0.00	0.01	3.859	O				3.25
378.167	0.00	0.01	3.859	O				3.25
378.250	0.00	0.01	3.859	O				3.25
378.333	0.00	0.01	3.859	O				3.25
378.417	0.00	0.01	3.859	O				3.25
378.500	0.00	0.01	3.859	O				3.25
378.583	0.00	0.01	3.859	O				3.25
378.667	0.00	0.01	3.859	O				3.25
378.750	0.00	0.01	3.859	O				3.25
378.833	0.00	0.01	3.859	O				3.25
378.917	0.00	0.01	3.858	O				3.25
379.000	0.00	0.01	3.858	O				3.25
379.083	0.00	0.01	3.858	O				3.25
379.167	0.00	0.01	3.858	O				3.25
379.250	0.00	0.01	3.858	O				3.25
379.333	0.00	0.01	3.858	O				3.25
379.417	0.00	0.01	3.858	O				3.25
379.500	0.00	0.01	3.858	O				3.25
379.583	0.00	0.01	3.858	O				3.25
379.667	0.00	0.01	3.858	O				3.25
379.750	0.00	0.01	3.858	O				3.25
379.833	0.00	0.01	3.858	O				3.25
379.917	0.00	0.01	3.858	O				3.25
380.000	0.00	0.01	3.858	O				3.25
380.083	0.00	0.01	3.858	O				3.25
380.167	0.00	0.01	3.857	O				3.25
380.250	0.00	0.01	3.857	O				3.25
380.333	0.00	0.01	3.857	O				3.25
380.417	0.00	0.01	3.857	O				3.25
380.500	0.00	0.01	3.857	O				3.25
380.583	0.00	0.01	3.857	O				3.25
380.667	0.00	0.01	3.857	O				3.25
380.750	0.00	0.01	3.857	O				3.25
380.833	0.00	0.01	3.857	O				3.25
380.917	0.00	0.01	3.857	O				3.25
381.000	0.00	0.01	3.857	O				3.25
381.083	0.00	0.01	3.857	O				3.25
381.167	0.00	0.01	3.857	O				3.25
381.250	0.00	0.01	3.857	O				3.25

381.333	0.00	0.01	3.856	O				3.25
381.417	0.00	0.01	3.856	O				3.25
381.500	0.00	0.01	3.856	O				3.25
381.583	0.00	0.01	3.856	O				3.25
381.667	0.00	0.01	3.856	O				3.25
381.750	0.00	0.01	3.856	O				3.25
381.833	0.00	0.01	3.856	O				3.25
381.917	0.00	0.01	3.856	O				3.25
382.000	0.00	0.01	3.856	O				3.25
382.083	0.00	0.01	3.856	O				3.25
382.167	0.00	0.01	3.856	O				3.25
382.250	0.00	0.01	3.856	O				3.25
382.333	0.00	0.01	3.856	O				3.25
382.417	0.00	0.01	3.856	O				3.25
382.500	0.00	0.01	3.856	O				3.25
382.583	0.00	0.01	3.855	O				3.25
382.667	0.00	0.01	3.855	O				3.25
382.750	0.00	0.01	3.855	O				3.25
382.833	0.00	0.01	3.855	O				3.25
382.917	0.00	0.01	3.855	O				3.25
383.000	0.00	0.01	3.855	O				3.25
383.083	0.00	0.01	3.855	O				3.25
383.167	0.00	0.01	3.855	O				3.25
383.250	0.00	0.01	3.855	O				3.25
383.333	0.00	0.01	3.855	O				3.25
383.417	0.00	0.01	3.855	O				3.25
383.500	0.00	0.01	3.855	O				3.25
383.583	0.00	0.01	3.855	O				3.25
383.667	0.00	0.01	3.855	O				3.25
383.750	0.00	0.01	3.854	O				3.25
383.833	0.00	0.01	3.854	O				3.25
383.917	0.00	0.01	3.854	O				3.25
384.000	0.00	0.01	3.854	O				3.25
384.083	0.00	0.01	3.854	O				3.25
384.167	0.00	0.01	3.854	O				3.25
384.250	0.00	0.01	3.854	O				3.25
384.333	0.00	0.01	3.854	O				3.25
384.417	0.00	0.01	3.854	O				3.25
384.500	0.00	0.01	3.854	O				3.25
384.583	0.00	0.01	3.854	O				3.25
384.667	0.00	0.01	3.854	O				3.25
384.750	0.00	0.01	3.854	O				3.25
384.833	0.00	0.01	3.854	O				3.25
384.917	0.00	0.01	3.854	O				3.25
385.000	0.00	0.01	3.853	O				3.25
385.083	0.00	0.01	3.853	O				3.25
385.167	0.00	0.01	3.853	O				3.25
385.250	0.00	0.01	3.853	O				3.25
385.333	0.00	0.01	3.853	O				3.25
385.417	0.00	0.01	3.853	O				3.25

385.500	0.00	0.01	3.853	O				3.25
385.583	0.00	0.01	3.853	O				3.25
385.667	0.00	0.01	3.853	O				3.25
385.750	0.00	0.01	3.853	O				3.25
385.833	0.00	0.01	3.853	O				3.25
385.917	0.00	0.01	3.853	O				3.25
386.000	0.00	0.01	3.853	O				3.25
386.083	0.00	0.01	3.853	O				3.25
386.167	0.00	0.01	3.852	O				3.25
386.250	0.00	0.01	3.852	O				3.25
386.333	0.00	0.01	3.852	O				3.25
386.417	0.00	0.01	3.852	O				3.25
386.500	0.00	0.01	3.852	O				3.25
386.583	0.00	0.01	3.852	O				3.25
386.667	0.00	0.01	3.852	O				3.25
386.750	0.00	0.01	3.852	O				3.25
386.833	0.00	0.01	3.852	O				3.25
386.917	0.00	0.01	3.852	O				3.25
387.000	0.00	0.01	3.852	O				3.25
387.083	0.00	0.01	3.852	O				3.25
387.167	0.00	0.01	3.852	O				3.25
387.250	0.00	0.01	3.852	O				3.25
387.333	0.00	0.01	3.852	O				3.25
387.417	0.00	0.01	3.851	O				3.25
387.500	0.00	0.01	3.851	O				3.25
387.583	0.00	0.01	3.851	O				3.25
387.667	0.00	0.01	3.851	O				3.25
387.750	0.00	0.01	3.851	O				3.25
387.833	0.00	0.01	3.851	O				3.25
387.917	0.00	0.01	3.851	O				3.25
388.000	0.00	0.01	3.851	O				3.25
388.083	0.00	0.01	3.851	O				3.25
388.167	0.00	0.01	3.851	O				3.25
388.250	0.00	0.01	3.851	O				3.25
388.333	0.00	0.01	3.851	O				3.25
388.417	0.00	0.01	3.851	O				3.25
388.500	0.00	0.01	3.851	O				3.25
388.583	0.00	0.01	3.850	O				3.25
388.667	0.00	0.01	3.850	O				3.25
388.750	0.00	0.01	3.850	O				3.25
388.833	0.00	0.01	3.850	O				3.25
388.917	0.00	0.01	3.850	O				3.25
389.000	0.00	0.01	3.850	O				3.25
389.083	0.00	0.01	3.850	O				3.25
389.167	0.00	0.01	3.850	O				3.25
389.250	0.00	0.01	3.850	O				3.25
389.333	0.00	0.01	3.850	O				3.25
389.417	0.00	0.01	3.850	O				3.25
389.500	0.00	0.01	3.850	O				3.25
389.583	0.00	0.01	3.850	O				3.25

389.667	0.00	0.01	3.850	O				3.25
389.750	0.00	0.01	3.850	O				3.25
389.833	0.00	0.01	3.849	O				3.25
389.917	0.00	0.01	3.849	O				3.25
390.000	0.00	0.01	3.849	O				3.25
390.083	0.00	0.01	3.849	O				3.25
390.167	0.00	0.01	3.849	O				3.25
390.250	0.00	0.01	3.849	O				3.25
390.333	0.00	0.01	3.849	O				3.24
390.417	0.00	0.01	3.849	O				3.24
390.500	0.00	0.01	3.849	O				3.24
390.583	0.00	0.01	3.849	O				3.24
390.667	0.00	0.01	3.849	O				3.24
390.750	0.00	0.01	3.849	O				3.24
390.833	0.00	0.01	3.849	O				3.24
390.917	0.00	0.01	3.849	O				3.24
391.000	0.00	0.01	3.848	O				3.24
391.083	0.00	0.01	3.848	O				3.24
391.167	0.00	0.01	3.848	O				3.24
391.250	0.00	0.01	3.848	O				3.24
391.333	0.00	0.01	3.848	O				3.24
391.417	0.00	0.01	3.848	O				3.24
391.500	0.00	0.01	3.848	O				3.24
391.583	0.00	0.01	3.848	O				3.24
391.667	0.00	0.01	3.848	O				3.24
391.750	0.00	0.01	3.848	O				3.24
391.833	0.00	0.01	3.848	O				3.24
391.917	0.00	0.01	3.848	O				3.24
392.000	0.00	0.01	3.848	O				3.24
392.083	0.00	0.01	3.848	O				3.24
392.167	0.00	0.01	3.848	O				3.24
392.250	0.00	0.01	3.847	O				3.24
392.333	0.00	0.01	3.847	O				3.24
392.417	0.00	0.01	3.847	O				3.24
392.500	0.00	0.01	3.847	O				3.24
392.583	0.00	0.01	3.847	O				3.24
392.667	0.00	0.01	3.847	O				3.24
392.750	0.00	0.01	3.847	O				3.24
392.833	0.00	0.01	3.847	O				3.24
392.917	0.00	0.01	3.847	O				3.24
393.000	0.00	0.01	3.847	O				3.24
393.083	0.00	0.01	3.847	O				3.24
393.167	0.00	0.01	3.847	O				3.24
393.250	0.00	0.01	3.847	O				3.24
393.333	0.00	0.01	3.847	O				3.24
393.417	0.00	0.01	3.846	O				3.24
393.500	0.00	0.01	3.846	O				3.24
393.583	0.00	0.01	3.846	O				3.24
393.667	0.00	0.01	3.846	O				3.24
393.750	0.00	0.01	3.846	O				3.24

393.833	0.00	0.01	3.846	O				3.24
393.917	0.00	0.01	3.846	O				3.24
394.000	0.00	0.01	3.846	O				3.24
394.083	0.00	0.01	3.846	O				3.24
394.167	0.00	0.01	3.846	O				3.24
394.250	0.00	0.01	3.846	O				3.24
394.333	0.00	0.01	3.846	O				3.24
394.417	0.00	0.01	3.846	O				3.24
394.500	0.00	0.01	3.846	O				3.24
394.583	0.00	0.01	3.846	O				3.24
394.667	0.00	0.01	3.845	O				3.24
394.750	0.00	0.01	3.845	O				3.24
394.833	0.00	0.01	3.845	O				3.24
394.917	0.00	0.01	3.845	O				3.24
395.000	0.00	0.01	3.845	O				3.24
395.083	0.00	0.01	3.845	O				3.24
395.167	0.00	0.01	3.845	O				3.24
395.250	0.00	0.01	3.845	O				3.24
395.333	0.00	0.01	3.845	O				3.24
395.417	0.00	0.01	3.845	O				3.24
395.500	0.00	0.01	3.845	O				3.24
395.583	0.00	0.01	3.845	O				3.24
395.667	0.00	0.01	3.845	O				3.24
395.750	0.00	0.01	3.845	O				3.24
395.833	0.00	0.01	3.845	O				3.24
395.917	0.00	0.01	3.844	O				3.24
396.000	0.00	0.01	3.844	O				3.24
396.083	0.00	0.01	3.844	O				3.24
396.167	0.00	0.01	3.844	O				3.24
396.250	0.00	0.01	3.844	O				3.24
396.333	0.00	0.01	3.844	O				3.24
396.417	0.00	0.01	3.844	O				3.24
396.500	0.00	0.01	3.844	O				3.24
396.583	0.00	0.01	3.844	O				3.24
396.667	0.00	0.01	3.844	O				3.24
396.750	0.00	0.01	3.844	O				3.24
396.833	0.00	0.01	3.844	O				3.24
396.917	0.00	0.01	3.844	O				3.24
397.000	0.00	0.01	3.844	O				3.24
397.083	0.00	0.01	3.843	O				3.24
397.167	0.00	0.01	3.843	O				3.24
397.250	0.00	0.01	3.843	O				3.24
397.333	0.00	0.01	3.843	O				3.24
397.417	0.00	0.01	3.843	O				3.24
397.500	0.00	0.01	3.843	O				3.24
397.583	0.00	0.01	3.843	O				3.24
397.667	0.00	0.01	3.843	O				3.24
397.750	0.00	0.01	3.843	O				3.24
397.833	0.00	0.01	3.843	O				3.24
397.917	0.00	0.01	3.843	O				3.24

398.000	0.00	0.01	3.843	O					3.24
398.083	0.00	0.01	3.843	O					3.24
398.167	0.00	0.01	3.843	O					3.24
398.250	0.00	0.01	3.843	O					3.24
398.333	0.00	0.01	3.842	O					3.24
398.417	0.00	0.01	3.842	O					3.24
398.500	0.00	0.01	3.842	O					3.24
398.583	0.00	0.01	3.842	O					3.24
398.667	0.00	0.01	3.842	O					3.24
398.750	0.00	0.01	3.842	O					3.24
398.833	0.00	0.01	3.842	O					3.24
398.917	0.00	0.01	3.842	O					3.24
399.000	0.00	0.01	3.842	O					3.24
399.083	0.00	0.01	3.842	O					3.24
399.167	0.00	0.01	3.842	O					3.24
399.250	0.00	0.01	3.842	O					3.24
399.333	0.00	0.01	3.842	O					3.24
399.417	0.00	0.01	3.842	O					3.24
399.500	0.00	0.01	3.841	O					3.24
399.583	0.00	0.01	3.841	O					3.24
399.667	0.00	0.01	3.841	O					3.24
399.750	0.00	0.01	3.841	O					3.24
399.833	0.00	0.01	3.841	O					3.24
399.917	0.00	0.01	3.841	O					3.24
400.000	0.00	0.01	3.841	O					3.24
400.083	0.00	0.01	3.841	O					3.24
400.167	0.00	0.01	3.841	O					3.24
400.250	0.00	0.01	3.841	O					3.24
400.333	0.00	0.01	3.841	O					3.24
400.417	0.00	0.01	3.841	O					3.24
400.500	0.00	0.01	3.841	O					3.24
400.583	0.00	0.01	3.841	O					3.24
400.667	0.00	0.01	3.841	O					3.24
400.750	0.00	0.01	3.840	O					3.24
400.833	0.00	0.01	3.840	O					3.24
400.917	0.00	0.01	3.840	O					3.24
401.000	0.00	0.01	3.840	O					3.24
401.083	0.00	0.01	3.840	O					3.24
401.167	0.00	0.01	3.840	O					3.24
401.250	0.00	0.01	3.840	O					3.24
401.333	0.00	0.01	3.840	O					3.24
401.417	0.00	0.01	3.840	O					3.24
401.500	0.00	0.01	3.840	O					3.24
401.583	0.00	0.01	3.840	O					3.24
401.667	0.00	0.01	3.840	O					3.24
401.750	0.00	0.01	3.840	O					3.24
401.833	0.00	0.01	3.840	O					3.24
401.917	0.00	0.01	3.839	O					3.24
402.000	0.00	0.01	3.839	O					3.24
402.083	0.00	0.01	3.839	O					3.24

402.167	0.00	0.01	3.839	O				3.24
402.250	0.00	0.01	3.839	O				3.24
402.333	0.00	0.01	3.839	O				3.24
402.417	0.00	0.01	3.839	O				3.24
402.500	0.00	0.01	3.839	O				3.24
402.583	0.00	0.01	3.839	O				3.24
402.667	0.00	0.01	3.839	O				3.24
402.750	0.00	0.01	3.839	O				3.24
402.833	0.00	0.01	3.839	O				3.24
402.917	0.00	0.01	3.839	O				3.24
403.000	0.00	0.01	3.839	O				3.24
403.083	0.00	0.01	3.839	O				3.24
403.167	0.00	0.01	3.838	O				3.24
403.250	0.00	0.01	3.838	O				3.24
403.333	0.00	0.01	3.838	O				3.24
403.417	0.00	0.01	3.838	O				3.24
403.500	0.00	0.01	3.838	O				3.24
403.583	0.00	0.01	3.838	O				3.24
403.667	0.00	0.01	3.838	O				3.24
403.750	0.00	0.01	3.838	O				3.24
403.833	0.00	0.01	3.838	O				3.24
403.917	0.00	0.01	3.838	O				3.24
404.000	0.00	0.01	3.838	O				3.24
404.083	0.00	0.01	3.838	O				3.24
404.167	0.00	0.01	3.838	O				3.24
404.250	0.00	0.01	3.838	O				3.24
404.333	0.00	0.01	3.837	O				3.24
404.417	0.00	0.01	3.837	O				3.24
404.500	0.00	0.01	3.837	O				3.24
404.583	0.00	0.01	3.837	O				3.23
404.667	0.00	0.01	3.837	O				3.23
404.750	0.00	0.01	3.837	O				3.23
404.833	0.00	0.01	3.837	O				3.23
404.917	0.00	0.01	3.837	O				3.23
405.000	0.00	0.01	3.837	O				3.23
405.083	0.00	0.01	3.837	O				3.23
405.167	0.00	0.01	3.837	O				3.23
405.250	0.00	0.01	3.837	O				3.23
405.333	0.00	0.01	3.837	O				3.23
405.417	0.00	0.01	3.837	O				3.23
405.500	0.00	0.01	3.837	O				3.23
405.583	0.00	0.01	3.836	O				3.23
405.667	0.00	0.01	3.836	O				3.23
405.750	0.00	0.01	3.836	O				3.23
405.833	0.00	0.01	3.836	O				3.23
405.917	0.00	0.01	3.836	O				3.23
406.000	0.00	0.01	3.836	O				3.23
406.083	0.00	0.01	3.836	O				3.23
406.167	0.00	0.01	3.836	O				3.23
406.250	0.00	0.01	3.836	O				3.23

406.333	0.00	0.01	3.836	O				3.23
406.417	0.00	0.01	3.836	O				3.23
406.500	0.00	0.01	3.836	O				3.23
406.583	0.00	0.01	3.836	O				3.23
406.667	0.00	0.01	3.836	O				3.23
406.750	0.00	0.01	3.835	O				3.23
406.833	0.00	0.01	3.835	O				3.23
406.917	0.00	0.01	3.835	O				3.23
407.000	0.00	0.01	3.835	O				3.23
407.083	0.00	0.01	3.835	O				3.23
407.167	0.00	0.01	3.835	O				3.23
407.250	0.00	0.01	3.835	O				3.23
407.333	0.00	0.01	3.835	O				3.23
407.417	0.00	0.01	3.835	O				3.23
407.500	0.00	0.01	3.835	O				3.23
407.583	0.00	0.01	3.835	O				3.23
407.667	0.00	0.01	3.835	O				3.23
407.750	0.00	0.01	3.835	O				3.23
407.833	0.00	0.01	3.835	O				3.23
407.917	0.00	0.01	3.835	O				3.23
408.000	0.00	0.01	3.834	O				3.23
408.083	0.00	0.01	3.834	O				3.23
408.167	0.00	0.01	3.834	O				3.23
408.250	0.00	0.01	3.834	O				3.23
408.333	0.00	0.01	3.834	O				3.23
408.417	0.00	0.01	3.834	O				3.23
408.500	0.00	0.01	3.834	O				3.23
408.583	0.00	0.01	3.834	O				3.23
408.667	0.00	0.01	3.834	O				3.23
408.750	0.00	0.01	3.834	O				3.23
408.833	0.00	0.01	3.834	O				3.23
408.917	0.00	0.01	3.834	O				3.23
409.000	0.00	0.01	3.834	O				3.23
409.083	0.00	0.01	3.834	O				3.23
409.167	0.00	0.01	3.833	O				3.23
409.250	0.00	0.01	3.833	O				3.23
409.333	0.00	0.01	3.833	O				3.23
409.417	0.00	0.01	3.833	O				3.23
409.500	0.00	0.01	3.833	O				3.23
409.583	0.00	0.01	3.833	O				3.23
409.667	0.00	0.01	3.833	O				3.23
409.750	0.00	0.01	3.833	O				3.23
409.833	0.00	0.01	3.833	O				3.23
409.917	0.00	0.01	3.833	O				3.23
410.000	0.00	0.01	3.833	O				3.23
410.083	0.00	0.01	3.833	O				3.23
410.167	0.00	0.01	3.833	O				3.23
410.250	0.00	0.01	3.833	O				3.23
410.333	0.00	0.01	3.833	O				3.23
410.417	0.00	0.01	3.832	O				3.23

410.500	0.00	0.01	3.832	O	|	|	|	3.23
410.583	0.00	0.01	3.832	O	|	|	|	3.23
410.667	0.00	0.01	3.832	O	|	|	|	3.23
410.750	0.00	0.01	3.832	O	|	|	|	3.23
410.833	0.00	0.01	3.832	O	|	|	|	3.23
410.917	0.00	0.01	3.832	O	|	|	|	3.23
411.000	0.00	0.01	3.832	O	|	|	|	3.23
411.083	0.00	0.01	3.832	O	|	|	|	3.23
411.167	0.00	0.01	3.832	O	|	|	|	3.23
411.250	0.00	0.01	3.832	O	|	|	|	3.23
411.333	0.00	0.01	3.832	O	|	|	|	3.23
411.417	0.00	0.01	3.832	O	|	|	|	3.23
411.500	0.00	0.01	3.832	O	|	|	|	3.23
411.583	0.00	0.01	3.831	O	|	|	|	3.23
411.667	0.00	0.01	3.831	O	|	|	|	3.23
411.750	0.00	0.01	3.831	O	|	|	|	3.23
411.833	0.00	0.01	3.831	O	|	|	|	3.23
411.917	0.00	0.01	3.831	O	|	|	|	3.23
412.000	0.00	0.01	3.831	O	|	|	|	3.23
412.083	0.00	0.01	3.831	O	|	|	|	3.23
412.167	0.00	0.01	3.831	O	|	|	|	3.23
412.250	0.00	0.01	3.831	O	|	|	|	3.23
412.333	0.00	0.01	3.831	O	|	|	|	3.23
412.417	0.00	0.01	3.831	O	|	|	|	3.23
412.500	0.00	0.01	3.831	O	|	|	|	3.23
412.583	0.00	0.01	3.831	O	|	|	|	3.23
412.667	0.00	0.01	3.831	O	|	|	|	3.23
412.750	0.00	0.01	3.831	O	|	|	|	3.23
412.833	0.00	0.01	3.830	O	|	|	|	3.23
412.917	0.00	0.01	3.830	O	|	|	|	3.23
413.000	0.00	0.01	3.830	O	|	|	|	3.23
413.083	0.00	0.01	3.830	O	|	|	|	3.23
413.167	0.00	0.01	3.830	O	|	|	|	3.23
413.250	0.00	0.01	3.830	O	|	|	|	3.23
413.333	0.00	0.01	3.830	O	|	|	|	3.23
413.417	0.00	0.01	3.830	O	|	|	|	3.23
413.500	0.00	0.01	3.830	O	|	|	|	3.23
413.583	0.00	0.01	3.830	O	|	|	|	3.23
413.667	0.00	0.01	3.830	O	|	|	|	3.23
413.750	0.00	0.01	3.830	O	|	|	|	3.23
413.833	0.00	0.01	3.830	O	|	|	|	3.23
413.917	0.00	0.01	3.830	O	|	|	|	3.23
414.000	0.00	0.01	3.829	O	|	|	|	3.23
414.083	0.00	0.01	3.829	O	|	|	|	3.23
414.167	0.00	0.01	3.829	O	|	|	|	3.23
414.250	0.00	0.01	3.829	O	|	|	|	3.23
414.333	0.00	0.01	3.829	O	|	|	|	3.23
414.417	0.00	0.01	3.829	O	|	|	|	3.23
414.500	0.00	0.01	3.829	O	|	|	|	3.23
414.583	0.00	0.01	3.829	O	|	|	|	3.23

414.667	0.00	0.01	3.829	O	|	|	|	|	3.23
414.750	0.00	0.01	3.829	O	|	|	|	|	3.23
414.833	0.00	0.01	3.829	O	|	|	|	|	3.23
414.917	0.00	0.01	3.829	O	|	|	|	|	3.23
415.000	0.00	0.01	3.829	O	|	|	|	|	3.23
415.083	0.00	0.01	3.829	O	|	|	|	|	3.23
415.167	0.00	0.01	3.829	O	|	|	|	|	3.23
415.250	0.00	0.01	3.828	O	|	|	|	|	3.23
415.333	0.00	0.01	3.828	O	|	|	|	|	3.23
415.417	0.00	0.01	3.828	O	|	|	|	|	3.23
415.500	0.00	0.01	3.828	O	|	|	|	|	3.23
415.583	0.00	0.01	3.828	O	|	|	|	|	3.23
415.667	0.00	0.01	3.828	O	|	|	|	|	3.23
415.750	0.00	0.01	3.828	O	|	|	|	|	3.23
415.833	0.00	0.01	3.828	O	|	|	|	|	3.23
415.917	0.00	0.01	3.828	O	|	|	|	|	3.23
416.000	0.00	0.01	3.828	O	|	|	|	|	3.23
416.083	0.00	0.01	3.828	O	|	|	|	|	3.23
416.167	0.00	0.01	3.828	O	|	|	|	|	3.23
416.250	0.00	0.01	3.828	O	|	|	|	|	3.23
416.333	0.00	0.01	3.828	O	|	|	|	|	3.23
416.417	0.00	0.01	3.827	O	|	|	|	|	3.23
416.500	0.00	0.01	3.827	O	|	|	|	|	3.23
416.583	0.00	0.01	3.827	O	|	|	|	|	3.23
416.667	0.00	0.01	3.827	O	|	|	|	|	3.23

Remaining water in basin = 3.83 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 20.172 (CFS)
Total volume = 3.290 (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 - 2014
Study date: 08/07/22

IENLC
Basin B
10-year

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: 10yrareaB.rte
**********HYDROGRAPH DATA**********
Number of intervals = 304
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 64.409 (CFS)
Total volume = 7.209 (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 10.000 to Point/Station 35.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 304
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.800	0.001	1.800	1.800
2.000	2.400	0.001	2.400	2.400
2.500	3.000	0.010	3.000	3.000
3.000	3.600	0.100	3.600	3.600
3.500	4.200	0.100	4.200	4.200
4.000	4.800	20.000	4.731	4.869
4.500	5.170	25.000	5.084	5.256
5.000	5.290	25.000	5.204	5.376

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 16.1 32.20 48.31 64.41	Depth (Ft.)
0.083	0.05	0.00	0.000	O | | | |	0.00
0.167	0.38	0.00	0.002	O | | | |	0.00
0.250	0.80	0.00	0.006	O | | | |	0.00
0.333	0.99	0.00	0.012	O | | | |	0.01
0.417	1.10	0.00	0.019	O | | | |	0.02
0.500	1.18	0.00	0.027	O | | | |	0.02
0.583	1.24	0.00	0.035	O | | | |	0.03
0.667	1.28	0.00	0.044	O | | | |	0.04
0.750	1.31	0.00	0.053	O | | | |	0.04
0.833	1.34	0.00	0.062	O | | | |	0.05
0.917	1.36	0.00	0.071	O | | | |	0.06
1.000	1.37	0.00	0.081	O | | | |	0.07
1.083	1.39	0.00	0.090	O | | | |	0.08
1.167	1.40	0.00	0.100	O | | | |	0.08
1.250	1.41	0.00	0.109	O | | | |	0.09
1.333	1.42	0.00	0.119	O | | | |	0.10
1.417	1.43	0.00	0.129	O | | | |	0.11
1.500	1.43	0.00	0.139	O | | | |	0.12
1.583	1.44	0.00	0.149	O | | | |	0.12
1.667	1.44	0.00	0.159	O | | | |	0.13
1.750	1.45	0.00	0.169	O | | | |	0.14
1.833	1.45	0.00	0.179	O | | | |	0.15
1.917	1.46	0.00	0.189	O | | | |	0.16
2.000	1.46	0.00	0.199	O | | | |	0.17
2.083	1.47	0.00	0.209	O | | | |	0.17
2.167	1.47	0.00	0.219	O | | | |	0.18

2.250	1.48	0.00	0.229	O	|	|	|	0.19
2.333	1.49	0.00	0.239	O	|	|	|	0.20
2.417	1.49	0.00	0.249	O	|	|	|	0.21
2.500	1.50	0.00	0.260	O	|	|	|	0.22
2.583	1.50	0.00	0.270	O	|	|	|	0.23
2.667	1.51	0.00	0.280	O	|	|	|	0.23
2.750	1.51	0.00	0.291	O	|	|	|	0.24
2.833	1.52	0.00	0.301	O	|	|	|	0.25
2.917	1.52	0.00	0.312	O	|	|	|	0.26
3.000	1.53	0.00	0.322	O	|	|	|	0.27
3.083	1.54	0.00	0.333	O	|	|	|	0.28
3.167	1.54	0.00	0.343	O	|	|	|	0.29
3.250	1.55	0.00	0.354	O	|	|	|	0.30
3.333	1.55	0.00	0.365	O	|	|	|	0.30
3.417	1.56	0.00	0.376	O	|	|	|	0.31
3.500	1.57	0.00	0.386	O	|	|	|	0.32
3.583	1.57	0.00	0.397	O	|	|	|	0.33
3.667	1.58	0.00	0.408	O	|	|	|	0.34
3.750	1.59	0.00	0.419	O	|	|	|	0.35
3.833	1.59	0.00	0.430	O	|	|	|	0.36
3.917	1.60	0.00	0.441	O	|	|	|	0.37
4.000	1.60	0.00	0.452	O	|	|	|	0.38
4.083	1.61	0.00	0.463	O	|	|	|	0.39
4.167	1.62	0.00	0.474	O	|	|	|	0.39
4.250	1.63	0.00	0.485	O	|	|	|	0.40
4.333	1.63	0.00	0.496	O	|	|	|	0.41
4.417	1.64	0.00	0.508	O	|	|	|	0.42
4.500	1.65	0.00	0.519	O	|	|	|	0.43
4.583	1.65	0.00	0.530	O	|	|	|	0.44
4.667	1.66	0.00	0.542	O	|	|	|	0.45
4.750	1.67	0.00	0.553	O	|	|	|	0.46
4.833	1.67	0.00	0.565	O	|	|	|	0.47
4.917	1.68	0.00	0.576	O	|	|	|	0.48
5.000	1.69	0.00	0.588	O	|	|	|	0.49
5.083	1.70	0.00	0.599	O	|	|	|	0.50
5.167	1.71	0.00	0.611	O	|	|	|	0.51
5.250	1.71	0.00	0.623	O	|	|	|	0.52
5.333	1.72	0.00	0.635	O	|	|	|	0.53
5.417	1.73	0.00	0.647	O	|	|	|	0.54
5.500	1.74	0.00	0.659	O	|	|	|	0.55
5.583	1.75	0.00	0.671	O	|	|	|	0.56
5.667	1.75	0.00	0.683	O	|	|	|	0.57
5.750	1.76	0.00	0.695	O	|	|	|	0.58
5.833	1.77	0.00	0.707	O	|	|	|	0.59
5.917	1.78	0.00	0.719	O	|	|	|	0.60
6.000	1.79	0.00	0.731	O	|	|	|	0.61
6.083	1.80	0.00	0.744	O	|	|	|	0.62
6.167	1.81	0.00	0.756	O	|	|	|	0.63
6.250	1.81	0.00	0.769	O	|	|	|	0.64
6.333	1.82	0.00	0.781	O	|	|	|	0.65

6.417	1.83	0.00	0.794	O				0.66
6.500	1.84	0.00	0.806	O				0.67
6.583	1.85	0.00	0.819	O				0.68
6.667	1.86	0.00	0.832	O				0.69
6.750	1.87	0.00	0.845	O				0.70
6.833	1.88	0.00	0.858	O				0.71
6.917	1.89	0.00	0.871	O				0.73
7.000	1.90	0.00	0.884	O				0.74
7.083	1.91	0.00	0.897	O				0.75
7.167	1.92	0.00	0.910	O				0.76
7.250	1.93	0.00	0.923	O				0.77
7.333	1.95	0.00	0.937	O				0.78
7.417	1.96	0.00	0.950	O				0.79
7.500	1.97	0.00	0.964	O				0.80
7.583	1.98	0.00	0.977	O				0.81
7.667	1.99	0.00	0.991	O				0.83
7.750	2.00	0.00	1.005	O				0.84
7.833	2.01	0.00	1.018	OI				0.85
7.917	2.03	0.00	1.032	OI				0.86
8.000	2.04	0.00	1.046	OI				0.87
8.083	2.05	0.00	1.060	OI				0.88
8.167	2.06	0.00	1.075	OI				0.90
8.250	2.08	0.00	1.089	OI				0.91
8.333	2.09	0.00	1.103	OI				0.92
8.417	2.10	0.00	1.118	OI				0.93
8.500	2.12	0.00	1.132	OI				0.94
8.583	2.13	0.00	1.147	OI				0.96
8.667	2.15	0.00	1.162	OI				0.97
8.750	2.16	0.00	1.176	OI				0.98
8.833	2.17	0.00	1.191	OI				0.99
8.917	2.19	0.00	1.206	OI				1.01
9.000	2.20	0.00	1.221	OI				1.02
9.083	2.22	0.00	1.237	OI				1.03
9.167	2.24	0.00	1.252	OI				1.04
9.250	2.25	0.00	1.267	OI				1.06
9.333	2.27	0.00	1.283	OI				1.07
9.417	2.28	0.00	1.299	OI				1.08
9.500	2.30	0.00	1.314	OI				1.10
9.583	2.32	0.00	1.330	OI				1.11
9.667	2.34	0.00	1.346	OI				1.12
9.750	2.35	0.00	1.363	OI				1.14
9.833	2.37	0.00	1.379	OI				1.15
9.917	2.39	0.00	1.395	OI				1.16
10.000	2.41	0.00	1.412	OI				1.18
10.083	2.43	0.00	1.428	OI				1.19
10.167	2.45	0.00	1.445	OI				1.20
10.250	2.47	0.00	1.462	OI				1.22
10.333	2.49	0.00	1.479	OI				1.23
10.417	2.51	0.00	1.497	OI				1.25
10.500	2.54	0.00	1.514	OI				1.26

10.583	2.56	0.00	1.531	OI				1.28
10.667	2.58	0.00	1.549	OI				1.29
10.750	2.60	0.00	1.567	OI				1.31
10.833	2.63	0.00	1.585	OI				1.32
10.917	2.65	0.00	1.603	OI				1.34
11.000	2.68	0.00	1.621	OI				1.35
11.083	2.70	0.00	1.640	OI				1.37
11.167	2.73	0.00	1.659	OI				1.38
11.250	2.76	0.00	1.678	OI				1.40
11.333	2.79	0.00	1.697	OI				1.41
11.417	2.81	0.00	1.716	OI				1.43
11.500	2.84	0.00	1.735	OI				1.45
11.583	2.87	0.00	1.755	OI				1.46
11.667	2.91	0.00	1.775	OI				1.48
11.750	2.94	0.00	1.795	OI				1.50
11.833	2.97	0.00	1.816	OI				1.51
11.917	3.01	0.00	1.836	OI				1.53
12.000	3.04	0.00	1.857	OI				1.55
12.083	3.08	0.00	1.878	OI				1.56
12.167	3.13	0.00	1.899	OI				1.58
12.250	3.19	0.00	1.921	OI				1.60
12.333	3.23	0.00	1.943	OI				1.62
12.417	3.28	0.00	1.966	OI				1.64
12.500	3.33	0.00	1.988	OI				1.66
12.583	3.37	0.00	2.011	OI				1.68
12.667	3.42	0.00	2.035	OI				1.70
12.750	3.47	0.00	2.059	OI				1.72
12.833	3.52	0.00	2.083	OI				1.74
12.917	3.57	0.00	2.107	OI				1.76
13.000	3.63	0.00	2.132	OI				1.78
13.083	3.68	0.00	2.157	OI				1.80
13.167	3.74	0.00	2.183	OI				1.82
13.250	3.81	0.00	2.209	OI				1.84
13.333	3.87	0.00	2.235	OI				1.86
13.417	3.94	0.00	2.262	OI				1.88
13.500	4.01	0.00	2.289	OI				1.91
13.583	4.08	0.00	2.317	O I				1.93
13.667	4.16	0.00	2.345	O I				1.95
13.750	4.24	0.00	2.374	O I				1.98
13.833	4.32	0.00	2.404	O I				2.00
13.917	4.41	0.00	2.434	O I				2.03
14.000	4.51	0.00	2.465	O I				2.05
14.083	4.61	0.00	2.496	O I				2.08
14.167	4.72	0.00	2.528	O I				2.11
14.250	4.85	0.00	2.561	O I				2.13
14.333	4.97	0.00	2.595	O I				2.16
14.417	5.11	0.00	2.629	O I				2.19
14.500	5.25	0.00	2.665	O I				2.22
14.583	5.40	0.01	2.702	O I				2.25
14.667	5.57	0.01	2.739	O I				2.28

14.750	5.75	0.01	2.778	O I	|	|	|	|	2.32
14.833	5.94	0.01	2.819	O I	|	|	|	|	2.35
14.917	6.16	0.01	2.860	O I	|	|	|	|	2.38
15.000	6.39	0.01	2.903	O I	|	|	|	|	2.42
15.083	6.66	0.01	2.948	O I	|	|	|	|	2.46
15.167	6.95	0.01	2.995	O I	|	|	|	|	2.50
15.250	7.29	0.02	3.044	O I	|	|	|	|	2.54
15.333	7.67	0.02	3.095	O I	|	|	|	|	2.58
15.417	8.02	0.03	3.149	O I	|	|	|	|	2.62
15.500	7.97	0.04	3.204	O I	|	|	|	|	2.67
15.583	7.84	0.05	3.258	O I	|	|	|	|	2.72
15.667	8.22	0.06	3.313	O I	|	|	|	|	2.76
15.750	8.93	0.07	3.372	O I	|	|	|	|	2.81
15.833	10.07	0.08	3.437	O I	|	|	|	|	2.86
15.917	11.98	0.09	3.512	O I	|	|	|	|	2.93
16.000	15.79	0.10	3.607	O I	|	|	|	|	3.01
16.083	26.75	0.10	3.753	O | I	|	|	|	|	3.13
16.167	57.47	0.10	4.042	O |	|	|	| I	|	3.37
16.250	64.41	7.88	4.434	| O	|	|	|	I	3.70
16.333	37.18	16.67	4.700	| O	| I	|	|	|	3.92
16.417	25.58	19.69	4.791	| |O I	|	|	|	|	3.99
16.500	19.83	20.13	4.810	| |IO	|	|	|	|	4.01
16.583	16.61	19.91	4.797	| IO	|	|	|	|	4.00
16.667	13.89	18.96	4.769	| I |O	|	|	|	|	3.97
16.750	12.07	17.73	4.732	| I O	|	|	|	|	3.94
16.833	10.52	16.41	4.692	| I O	|	|	|	|	3.91
16.917	9.28	15.08	4.652	| I O|	|	|	|	|	3.88
17.000	8.16	13.77	4.612	| I O |	|	|	|	|	3.84
17.083	7.21	12.53	4.575	| I O |	|	|	|	|	3.81
17.167	6.79	11.39	4.540	| I O |	|	|	|	|	3.78
17.250	6.42	10.41	4.511	| I O |	|	|	|	|	3.76
17.333	5.79	9.53	4.484	| I O |	|	|	|	|	3.74
17.417	5.31	8.71	4.460	| I O |	|	|	|	|	3.72
17.500	4.64	7.95	4.437	| IO |	|	|	|	|	3.70
17.583	4.42	7.25	4.415	| IO |	|	|	|	|	3.68
17.667	4.23	6.65	4.397	| IO |	|	|	|	|	3.66
17.750	4.07	6.13	4.382	| IO |	|	|	|	|	3.65
17.833	3.92	5.70	4.369	|IO |	|	|	|	|	3.64
17.917	3.79	5.32	4.357	|IO |	|	|	|	|	3.63
18.000	3.66	4.99	4.347	|IO |	|	|	|	|	3.62
18.083	3.55	4.71	4.339	|IO |	|	|	|	|	3.62
18.167	3.43	4.46	4.331	|IO |	|	|	|	|	3.61
18.250	3.32	4.24	4.325	|IO |	|	|	|	|	3.60
18.333	3.23	4.04	4.319	|IO |	|	|	|	|	3.60
18.417	3.14	3.86	4.313	|O |	|	|	|	|	3.59
18.500	3.06	3.71	4.309	|O |	|	|	|	|	3.59
18.583	2.99	3.57	4.305	|O |	|	|	|	|	3.59
18.667	2.92	3.44	4.301	|O |	|	|	|	|	3.58
18.750	2.86	3.33	4.297	|O |	|	|	|	|	3.58
18.833	2.80	3.23	4.294	|O |	|	|	|	|	3.58

18.917	2.74	3.13	4.291	|O	|	|	|	3.58
19.000	2.69	3.05	4.289	|O	|	|	|	3.57
19.083	2.63	2.97	4.286	|O	|	|	|	3.57
19.167	2.59	2.89	4.284	|O	|	|	|	3.57
19.250	2.54	2.83	4.282	|O	|	|	|	3.57
19.333	2.50	2.76	4.280	|O	|	|	|	3.57
19.417	2.45	2.70	4.279	|O	|	|	|	3.57
19.500	2.41	2.65	4.277	|O	|	|	|	3.56
19.583	2.38	2.60	4.275	|O	|	|	|	3.56
19.667	2.34	2.55	4.274	|O	|	|	|	3.56
19.750	2.30	2.50	4.272	|O	|	|	|	3.56
19.833	2.27	2.46	4.271	|O	|	|	|	3.56
19.917	2.24	2.42	4.270	|O	|	|	|	3.56
20.000	2.21	2.38	4.269	|O	|	|	|	3.56
20.083	2.18	2.34	4.267	|O	|	|	|	3.56
20.167	2.15	2.30	4.266	|O	|	|	|	3.56
20.250	2.12	2.27	4.265	|O	|	|	|	3.55
20.333	2.09	2.23	4.264	|O	|	|	|	3.55
20.417	2.07	2.20	4.263	|O	|	|	|	3.55
20.500	2.04	2.17	4.262	|O	|	|	|	3.55
20.583	2.02	2.14	4.262	|O	|	|	|	3.55
20.667	1.99	2.11	4.261	IO	|	|	|	3.55
20.750	1.97	2.09	4.260	IO	|	|	|	3.55
20.833	1.95	2.06	4.259	IO	|	|	|	3.55
20.917	1.92	2.03	4.258	IO	|	|	|	3.55
21.000	1.90	2.01	4.258	O	|	|	|	3.55
21.083	1.88	1.99	4.257	O	|	|	|	3.55
21.167	1.86	1.96	4.256	O	|	|	|	3.55
21.250	1.84	1.94	4.255	O	|	|	|	3.55
21.333	1.82	1.92	4.255	O	|	|	|	3.55
21.417	1.81	1.90	4.254	O	|	|	|	3.55
21.500	1.79	1.88	4.254	O	|	|	|	3.54
21.583	1.77	1.86	4.253	O	|	|	|	3.54
21.667	1.75	1.84	4.252	O	|	|	|	3.54
21.750	1.74	1.82	4.252	O	|	|	|	3.54
21.833	1.72	1.80	4.251	O	|	|	|	3.54
21.917	1.71	1.78	4.251	O	|	|	|	3.54
22.000	1.69	1.77	4.250	O	|	|	|	3.54
22.083	1.68	1.75	4.250	O	|	|	|	3.54
22.167	1.66	1.73	4.249	O	|	|	|	3.54
22.250	1.65	1.72	4.249	O	|	|	|	3.54
22.333	1.63	1.70	4.248	O	|	|	|	3.54
22.417	1.62	1.68	4.248	O	|	|	|	3.54
22.500	1.61	1.67	4.247	O	|	|	|	3.54
22.583	1.59	1.66	4.247	O	|	|	|	3.54
22.667	1.58	1.64	4.246	O	|	|	|	3.54
22.750	1.57	1.63	4.246	O	|	|	|	3.54
22.833	1.55	1.61	4.246	O	|	|	|	3.54
22.917	1.54	1.60	4.245	O	|	|	|	3.54
23.000	1.53	1.59	4.245	O	|	|	|	3.54

23.083	1.52	1.57	4.244	O				3.54
23.167	1.51	1.56	4.244	O				3.54
23.250	1.50	1.55	4.244	O				3.54
23.333	1.49	1.54	4.243	O				3.54
23.417	1.47	1.53	4.243	O				3.54
23.500	1.46	1.51	4.243	O				3.54
23.583	1.45	1.50	4.242	O				3.54
23.667	1.44	1.49	4.242	O				3.53
23.750	1.43	1.48	4.242	O				3.53
23.833	1.42	1.47	4.241	O				3.53
23.917	1.41	1.46	4.241	O				3.53
24.000	1.41	1.45	4.241	O				3.53
24.083	1.35	1.43	4.240	O				3.53
24.167	1.01	1.38	4.239	O				3.53
24.250	0.59	1.26	4.235	O				3.53
24.333	0.39	1.10	4.230	O				3.53
24.417	0.28	0.95	4.226	O				3.52
24.500	0.21	0.80	4.221	O				3.52
24.583	0.15	0.67	4.217	O				3.51
24.667	0.11	0.56	4.214	O				3.51
24.750	0.08	0.47	4.211	O				3.51
24.833	0.06	0.39	4.209	O				3.51
24.917	0.04	0.32	4.207	O				3.51
25.000	0.03	0.26	4.205	O				3.50
25.083	0.02	0.21	4.203	O				3.50
25.167	0.02	0.17	4.202	O				3.50
25.250	0.01	0.14	4.201	O				3.50
25.333	0.00	0.11	4.200	O				3.50
25.417	0.00	0.10	4.200	O				3.50
25.500	0.00	0.10	4.199	O				3.50
25.583	0.00	0.10	4.198	O				3.50
25.667	0.00	0.10	4.198	O				3.50
25.750	0.00	0.10	4.197	O				3.50
25.833	0.00	0.10	4.196	O				3.50
25.917	0.00	0.10	4.196	O				3.50
26.000	0.00	0.10	4.195	O				3.50
26.083	0.00	0.10	4.194	O				3.50
26.167	0.00	0.10	4.193	O				3.49
26.250	0.00	0.10	4.193	O				3.49
26.333	0.00	0.10	4.192	O				3.49
26.417	0.00	0.10	4.191	O				3.49
26.500	0.00	0.10	4.191	O				3.49
26.583	0.00	0.10	4.190	O				3.49
26.667	0.00	0.10	4.189	O				3.49
26.750	0.00	0.10	4.189	O				3.49
26.833	0.00	0.10	4.188	O				3.49
26.917	0.00	0.10	4.187	O				3.49
27.000	0.00	0.10	4.187	O				3.49
27.083	0.00	0.10	4.186	O				3.49
27.167	0.00	0.10	4.185	O				3.49

27.250	0.00	0.10	4.185	O				3.49
27.333	0.00	0.10	4.184	O				3.49
27.417	0.00	0.10	4.183	O				3.49
27.500	0.00	0.10	4.182	O				3.49
27.583	0.00	0.10	4.182	O				3.48
27.667	0.00	0.10	4.181	O				3.48
27.750	0.00	0.10	4.180	O				3.48
27.833	0.00	0.10	4.180	O				3.48
27.917	0.00	0.10	4.179	O				3.48
28.000	0.00	0.10	4.178	O				3.48
28.083	0.00	0.10	4.178	O				3.48
28.167	0.00	0.10	4.177	O				3.48
28.250	0.00	0.10	4.176	O				3.48
28.333	0.00	0.10	4.176	O				3.48
28.417	0.00	0.10	4.175	O				3.48
28.500	0.00	0.10	4.174	O				3.48
28.583	0.00	0.10	4.174	O				3.48
28.667	0.00	0.10	4.173	O				3.48
28.750	0.00	0.10	4.172	O				3.48
28.833	0.00	0.10	4.171	O				3.48
28.917	0.00	0.10	4.171	O				3.48
29.000	0.00	0.10	4.170	O				3.48
29.083	0.00	0.10	4.169	O				3.47
29.167	0.00	0.10	4.169	O				3.47
29.250	0.00	0.10	4.168	O				3.47
29.333	0.00	0.10	4.167	O				3.47
29.417	0.00	0.10	4.167	O				3.47
29.500	0.00	0.10	4.166	O				3.47
29.583	0.00	0.10	4.165	O				3.47
29.667	0.00	0.10	4.165	O				3.47
29.750	0.00	0.10	4.164	O				3.47
29.833	0.00	0.10	4.163	O				3.47
29.917	0.00	0.10	4.162	O				3.47
30.000	0.00	0.10	4.162	O				3.47
30.083	0.00	0.10	4.161	O				3.47
30.167	0.00	0.10	4.160	O				3.47
30.250	0.00	0.10	4.160	O				3.47
30.333	0.00	0.10	4.159	O				3.47
30.417	0.00	0.10	4.158	O				3.47
30.500	0.00	0.10	4.158	O				3.46
30.583	0.00	0.10	4.157	O				3.46
30.667	0.00	0.10	4.156	O				3.46
30.750	0.00	0.10	4.156	O				3.46
30.833	0.00	0.10	4.155	O				3.46
30.917	0.00	0.10	4.154	O				3.46
31.000	0.00	0.10	4.154	O				3.46
31.083	0.00	0.10	4.153	O				3.46
31.167	0.00	0.10	4.152	O				3.46
31.250	0.00	0.10	4.151	O				3.46
31.333	0.00	0.10	4.151	O				3.46

31.417	0.00	0.10	4.150	O				3.46
31.500	0.00	0.10	4.149	O				3.46
31.583	0.00	0.10	4.149	O				3.46
31.667	0.00	0.10	4.148	O				3.46
31.750	0.00	0.10	4.147	O				3.46
31.833	0.00	0.10	4.147	O				3.46
31.917	0.00	0.10	4.146	O				3.45
32.000	0.00	0.10	4.145	O				3.45
32.083	0.00	0.10	4.145	O				3.45
32.167	0.00	0.10	4.144	O				3.45
32.250	0.00	0.10	4.143	O				3.45
32.333	0.00	0.10	4.143	O				3.45
32.417	0.00	0.10	4.142	O				3.45
32.500	0.00	0.10	4.141	O				3.45
32.583	0.00	0.10	4.140	O				3.45
32.667	0.00	0.10	4.140	O				3.45
32.750	0.00	0.10	4.139	O				3.45
32.833	0.00	0.10	4.138	O				3.45
32.917	0.00	0.10	4.138	O				3.45
33.000	0.00	0.10	4.137	O				3.45
33.083	0.00	0.10	4.136	O				3.45
33.167	0.00	0.10	4.136	O				3.45
33.250	0.00	0.10	4.135	O				3.45
33.333	0.00	0.10	4.134	O				3.45
33.417	0.00	0.10	4.134	O				3.44
33.500	0.00	0.10	4.133	O				3.44
33.583	0.00	0.10	4.132	O				3.44
33.667	0.00	0.10	4.132	O				3.44
33.750	0.00	0.10	4.131	O				3.44
33.833	0.00	0.10	4.130	O				3.44
33.917	0.00	0.10	4.129	O				3.44
34.000	0.00	0.10	4.129	O				3.44
34.083	0.00	0.10	4.128	O				3.44
34.167	0.00	0.10	4.127	O				3.44
34.250	0.00	0.10	4.127	O				3.44
34.333	0.00	0.10	4.126	O				3.44
34.417	0.00	0.10	4.125	O				3.44
34.500	0.00	0.10	4.125	O				3.44
34.583	0.00	0.10	4.124	O				3.44
34.667	0.00	0.10	4.123	O				3.44
34.750	0.00	0.10	4.123	O				3.44
34.833	0.00	0.10	4.122	O				3.43
34.917	0.00	0.10	4.121	O				3.43
35.000	0.00	0.10	4.120	O				3.43
35.083	0.00	0.10	4.120	O				3.43
35.167	0.00	0.10	4.119	O				3.43
35.250	0.00	0.10	4.118	O				3.43
35.333	0.00	0.10	4.118	O				3.43
35.417	0.00	0.10	4.117	O				3.43
35.500	0.00	0.10	4.116	O				3.43

35.583	0.00	0.10	4.116	O				3.43
35.667	0.00	0.10	4.115	O				3.43
35.750	0.00	0.10	4.114	O				3.43
35.833	0.00	0.10	4.114	O				3.43
35.917	0.00	0.10	4.113	O				3.43
36.000	0.00	0.10	4.112	O				3.43
36.083	0.00	0.10	4.112	O				3.43
36.167	0.00	0.10	4.111	O				3.43
36.250	0.00	0.10	4.110	O				3.43
36.333	0.00	0.10	4.109	O				3.42
36.417	0.00	0.10	4.109	O				3.42
36.500	0.00	0.10	4.108	O				3.42
36.583	0.00	0.10	4.107	O				3.42
36.667	0.00	0.10	4.107	O				3.42
36.750	0.00	0.10	4.106	O				3.42
36.833	0.00	0.10	4.105	O				3.42
36.917	0.00	0.10	4.105	O				3.42
37.000	0.00	0.10	4.104	O				3.42
37.083	0.00	0.10	4.103	O				3.42
37.167	0.00	0.10	4.103	O				3.42
37.250	0.00	0.10	4.102	O				3.42
37.333	0.00	0.10	4.101	O				3.42
37.417	0.00	0.10	4.101	O				3.42
37.500	0.00	0.10	4.100	O				3.42
37.583	0.00	0.10	4.099	O				3.42
37.667	0.00	0.10	4.098	O				3.42
37.750	0.00	0.10	4.098	O				3.41
37.833	0.00	0.10	4.097	O				3.41
37.917	0.00	0.10	4.096	O				3.41
38.000	0.00	0.10	4.096	O				3.41
38.083	0.00	0.10	4.095	O				3.41
38.167	0.00	0.10	4.094	O				3.41
38.250	0.00	0.10	4.094	O				3.41
38.333	0.00	0.10	4.093	O				3.41
38.417	0.00	0.10	4.092	O				3.41
38.500	0.00	0.10	4.092	O				3.41
38.583	0.00	0.10	4.091	O				3.41
38.667	0.00	0.10	4.090	O				3.41
38.750	0.00	0.10	4.089	O				3.41
38.833	0.00	0.10	4.089	O				3.41
38.917	0.00	0.10	4.088	O				3.41
39.000	0.00	0.10	4.087	O				3.41
39.083	0.00	0.10	4.087	O				3.41
39.167	0.00	0.10	4.086	O				3.41
39.250	0.00	0.10	4.085	O				3.40
39.333	0.00	0.10	4.085	O				3.40
39.417	0.00	0.10	4.084	O				3.40
39.500	0.00	0.10	4.083	O				3.40
39.583	0.00	0.10	4.083	O				3.40
39.667	0.00	0.10	4.082	O				3.40

39.750	0.00	0.10	4.081	O				3.40
39.833	0.00	0.10	4.081	O				3.40
39.917	0.00	0.10	4.080	O				3.40
40.000	0.00	0.10	4.079	O				3.40
40.083	0.00	0.10	4.078	O				3.40
40.167	0.00	0.10	4.078	O				3.40
40.250	0.00	0.10	4.077	O				3.40
40.333	0.00	0.10	4.076	O				3.40
40.417	0.00	0.10	4.076	O				3.40
40.500	0.00	0.10	4.075	O				3.40
40.583	0.00	0.10	4.074	O				3.40
40.667	0.00	0.10	4.074	O				3.39
40.750	0.00	0.10	4.073	O				3.39
40.833	0.00	0.10	4.072	O				3.39
40.917	0.00	0.10	4.072	O				3.39
41.000	0.00	0.10	4.071	O				3.39
41.083	0.00	0.10	4.070	O				3.39
41.167	0.00	0.10	4.070	O				3.39
41.250	0.00	0.10	4.069	O				3.39
41.333	0.00	0.10	4.068	O				3.39
41.417	0.00	0.10	4.067	O				3.39
41.500	0.00	0.10	4.067	O				3.39
41.583	0.00	0.10	4.066	O				3.39
41.667	0.00	0.10	4.065	O				3.39
41.750	0.00	0.10	4.065	O				3.39
41.833	0.00	0.10	4.064	O				3.39
41.917	0.00	0.10	4.063	O				3.39
42.000	0.00	0.10	4.063	O				3.39
42.083	0.00	0.10	4.062	O				3.38
42.167	0.00	0.10	4.061	O				3.38
42.250	0.00	0.10	4.061	O				3.38
42.333	0.00	0.10	4.060	O				3.38
42.417	0.00	0.10	4.059	O				3.38
42.500	0.00	0.10	4.058	O				3.38
42.583	0.00	0.10	4.058	O				3.38
42.667	0.00	0.10	4.057	O				3.38
42.750	0.00	0.10	4.056	O				3.38
42.833	0.00	0.10	4.056	O				3.38
42.917	0.00	0.10	4.055	O				3.38
43.000	0.00	0.10	4.054	O				3.38
43.083	0.00	0.10	4.054	O				3.38
43.167	0.00	0.10	4.053	O				3.38
43.250	0.00	0.10	4.052	O				3.38
43.333	0.00	0.10	4.052	O				3.38
43.417	0.00	0.10	4.051	O				3.38
43.500	0.00	0.10	4.050	O				3.38
43.583	0.00	0.10	4.050	O				3.37
43.667	0.00	0.10	4.049	O				3.37
43.750	0.00	0.10	4.048	O				3.37
43.833	0.00	0.10	4.047	O				3.37

43.917	0.00	0.10	4.047	O				3.37
44.000	0.00	0.10	4.046	O				3.37
44.083	0.00	0.10	4.045	O				3.37
44.167	0.00	0.10	4.045	O				3.37
44.250	0.00	0.10	4.044	O				3.37
44.333	0.00	0.10	4.043	O				3.37
44.417	0.00	0.10	4.043	O				3.37
44.500	0.00	0.10	4.042	O				3.37
44.583	0.00	0.10	4.041	O				3.37
44.667	0.00	0.10	4.041	O				3.37
44.750	0.00	0.10	4.040	O				3.37
44.833	0.00	0.10	4.039	O				3.37
44.917	0.00	0.10	4.039	O				3.37
45.000	0.00	0.10	4.038	O				3.36
45.083	0.00	0.10	4.037	O				3.36
45.167	0.00	0.10	4.036	O				3.36
45.250	0.00	0.10	4.036	O				3.36
45.333	0.00	0.10	4.035	O				3.36
45.417	0.00	0.10	4.034	O				3.36
45.500	0.00	0.10	4.034	O				3.36
45.583	0.00	0.10	4.033	O				3.36
45.667	0.00	0.10	4.032	O				3.36
45.750	0.00	0.10	4.032	O				3.36
45.833	0.00	0.10	4.031	O				3.36
45.917	0.00	0.10	4.030	O				3.36
46.000	0.00	0.10	4.030	O				3.36
46.083	0.00	0.10	4.029	O				3.36
46.167	0.00	0.10	4.028	O				3.36
46.250	0.00	0.10	4.028	O				3.36
46.333	0.00	0.10	4.027	O				3.36
46.417	0.00	0.10	4.026	O				3.36
46.500	0.00	0.10	4.025	O				3.35
46.583	0.00	0.10	4.025	O				3.35
46.667	0.00	0.10	4.024	O				3.35
46.750	0.00	0.10	4.023	O				3.35
46.833	0.00	0.10	4.023	O				3.35
46.917	0.00	0.10	4.022	O				3.35
47.000	0.00	0.10	4.021	O				3.35
47.083	0.00	0.10	4.021	O				3.35
47.167	0.00	0.10	4.020	O				3.35
47.250	0.00	0.10	4.019	O				3.35
47.333	0.00	0.10	4.019	O				3.35
47.417	0.00	0.10	4.018	O				3.35
47.500	0.00	0.10	4.017	O				3.35
47.583	0.00	0.10	4.016	O				3.35
47.667	0.00	0.10	4.016	O				3.35
47.750	0.00	0.10	4.015	O				3.35
47.833	0.00	0.10	4.014	O				3.35
47.917	0.00	0.10	4.014	O				3.34
48.000	0.00	0.10	4.013	O				3.34

48.083	0.00	0.10	4.012	O				3.34
48.167	0.00	0.10	4.012	O				3.34
48.250	0.00	0.10	4.011	O				3.34
48.333	0.00	0.10	4.010	O				3.34
48.417	0.00	0.10	4.010	O				3.34
48.500	0.00	0.10	4.009	O				3.34
48.583	0.00	0.10	4.008	O				3.34
48.667	0.00	0.10	4.008	O				3.34
48.750	0.00	0.10	4.007	O				3.34
48.833	0.00	0.10	4.006	O				3.34
48.917	0.00	0.10	4.005	O				3.34
49.000	0.00	0.10	4.005	O				3.34
49.083	0.00	0.10	4.004	O				3.34
49.167	0.00	0.10	4.003	O				3.34
49.250	0.00	0.10	4.003	O				3.34
49.333	0.00	0.10	4.002	O				3.34
49.417	0.00	0.10	4.001	O				3.33
49.500	0.00	0.10	4.001	O				3.33
49.583	0.00	0.10	4.000	O				3.33
49.667	0.00	0.10	3.999	O				3.33
49.750	0.00	0.10	3.999	O				3.33
49.833	0.00	0.10	3.998	O				3.33
49.917	0.00	0.10	3.997	O				3.33
50.000	0.00	0.10	3.997	O				3.33
50.083	0.00	0.10	3.996	O				3.33
50.167	0.00	0.10	3.995	O				3.33
50.250	0.00	0.10	3.994	O				3.33
50.333	0.00	0.10	3.994	O				3.33
50.417	0.00	0.10	3.993	O				3.33
50.500	0.00	0.10	3.992	O				3.33
50.583	0.00	0.10	3.992	O				3.33
50.667	0.00	0.10	3.991	O				3.33
50.750	0.00	0.10	3.990	O				3.33
50.833	0.00	0.10	3.990	O				3.32
50.917	0.00	0.10	3.989	O				3.32
51.000	0.00	0.10	3.988	O				3.32
51.083	0.00	0.10	3.988	O				3.32
51.167	0.00	0.10	3.987	O				3.32
51.250	0.00	0.10	3.986	O				3.32
51.333	0.00	0.10	3.985	O				3.32
51.417	0.00	0.10	3.985	O				3.32
51.500	0.00	0.10	3.984	O				3.32
51.583	0.00	0.10	3.983	O				3.32
51.667	0.00	0.10	3.983	O				3.32
51.750	0.00	0.10	3.982	O				3.32
51.833	0.00	0.10	3.981	O				3.32
51.917	0.00	0.10	3.981	O				3.32
52.000	0.00	0.10	3.980	O				3.32
52.083	0.00	0.10	3.979	O				3.32
52.167	0.00	0.10	3.979	O				3.32

52.250	0.00	0.10	3.978	O				3.31
52.333	0.00	0.10	3.977	O				3.31
52.417	0.00	0.10	3.977	O				3.31
52.500	0.00	0.10	3.976	O				3.31
52.583	0.00	0.10	3.975	O				3.31
52.667	0.00	0.10	3.974	O				3.31
52.750	0.00	0.10	3.974	O				3.31
52.833	0.00	0.10	3.973	O				3.31
52.917	0.00	0.10	3.972	O				3.31
53.000	0.00	0.10	3.972	O				3.31
53.083	0.00	0.10	3.971	O				3.31
53.167	0.00	0.10	3.970	O				3.31
53.250	0.00	0.10	3.970	O				3.31
53.333	0.00	0.10	3.969	O				3.31
53.417	0.00	0.10	3.968	O				3.31
53.500	0.00	0.10	3.968	O				3.31
53.583	0.00	0.10	3.967	O				3.31
53.667	0.00	0.10	3.966	O				3.31
53.750	0.00	0.10	3.966	O				3.30
53.833	0.00	0.10	3.965	O				3.30
53.917	0.00	0.10	3.964	O				3.30
54.000	0.00	0.10	3.963	O				3.30
54.083	0.00	0.10	3.963	O				3.30
54.167	0.00	0.10	3.962	O				3.30
54.250	0.00	0.10	3.961	O				3.30
54.333	0.00	0.10	3.961	O				3.30
54.417	0.00	0.10	3.960	O				3.30
54.500	0.00	0.10	3.959	O				3.30
54.583	0.00	0.10	3.959	O				3.30
54.667	0.00	0.10	3.958	O				3.30
54.750	0.00	0.10	3.957	O				3.30
54.833	0.00	0.10	3.957	O				3.30
54.917	0.00	0.10	3.956	O				3.30
55.000	0.00	0.10	3.955	O				3.30
55.083	0.00	0.10	3.955	O				3.30
55.167	0.00	0.10	3.954	O				3.29
55.250	0.00	0.10	3.953	O				3.29
55.333	0.00	0.10	3.952	O				3.29
55.417	0.00	0.10	3.952	O				3.29
55.500	0.00	0.10	3.951	O				3.29
55.583	0.00	0.10	3.950	O				3.29
55.667	0.00	0.10	3.950	O				3.29
55.750	0.00	0.10	3.949	O				3.29
55.833	0.00	0.10	3.948	O				3.29
55.917	0.00	0.10	3.948	O				3.29
56.000	0.00	0.10	3.947	O				3.29
56.083	0.00	0.10	3.946	O				3.29
56.167	0.00	0.10	3.946	O				3.29
56.250	0.00	0.10	3.945	O				3.29
56.333	0.00	0.10	3.944	O				3.29

56.417	0.00	0.10	3.943	O					3.29
56.500	0.00	0.10	3.943	O					3.29
56.583	0.00	0.10	3.942	O					3.29
56.667	0.00	0.10	3.941	O					3.28
56.750	0.00	0.10	3.941	O					3.28
56.833	0.00	0.10	3.940	O					3.28
56.917	0.00	0.10	3.939	O					3.28
57.000	0.00	0.10	3.939	O					3.28
57.083	0.00	0.10	3.938	O					3.28
57.167	0.00	0.10	3.937	O					3.28
57.250	0.00	0.10	3.937	O					3.28
57.333	0.00	0.10	3.936	O					3.28
57.417	0.00	0.10	3.935	O					3.28
57.500	0.00	0.10	3.935	O					3.28
57.583	0.00	0.10	3.934	O					3.28
57.667	0.00	0.10	3.933	O					3.28
57.750	0.00	0.10	3.932	O					3.28
57.833	0.00	0.10	3.932	O					3.28
57.917	0.00	0.10	3.931	O					3.28
58.000	0.00	0.10	3.930	O					3.28
58.083	0.00	0.10	3.930	O					3.27
58.167	0.00	0.10	3.929	O					3.27
58.250	0.00	0.10	3.928	O					3.27
58.333	0.00	0.10	3.928	O					3.27
58.417	0.00	0.10	3.927	O					3.27
58.500	0.00	0.10	3.926	O					3.27
58.583	0.00	0.10	3.926	O					3.27
58.667	0.00	0.10	3.925	O					3.27
58.750	0.00	0.10	3.924	O					3.27
58.833	0.00	0.10	3.924	O					3.27
58.917	0.00	0.10	3.923	O					3.27
59.000	0.00	0.10	3.922	O					3.27
59.083	0.00	0.10	3.921	O					3.27
59.167	0.00	0.10	3.921	O					3.27
59.250	0.00	0.10	3.920	O					3.27
59.333	0.00	0.10	3.919	O					3.27
59.417	0.00	0.10	3.919	O					3.27
59.500	0.00	0.10	3.918	O					3.27
59.583	0.00	0.10	3.917	O					3.26
59.667	0.00	0.10	3.917	O					3.26
59.750	0.00	0.10	3.916	O					3.26
59.833	0.00	0.10	3.915	O					3.26
59.917	0.00	0.10	3.915	O					3.26
60.000	0.00	0.10	3.914	O					3.26
60.083	0.00	0.10	3.913	O					3.26
60.167	0.00	0.10	3.912	O					3.26
60.250	0.00	0.10	3.912	O					3.26
60.333	0.00	0.10	3.911	O					3.26
60.417	0.00	0.10	3.910	O					3.26
60.500	0.00	0.10	3.910	O					3.26

60.583	0.00	0.10	3.909	O					3.26
60.667	0.00	0.10	3.908	O					3.26
60.750	0.00	0.10	3.908	O					3.26
60.833	0.00	0.10	3.907	O					3.26
60.917	0.00	0.10	3.906	O					3.26
61.000	0.00	0.10	3.906	O					3.25
61.083	0.00	0.10	3.905	O					3.25
61.167	0.00	0.10	3.904	O					3.25
61.250	0.00	0.10	3.904	O					3.25
61.333	0.00	0.10	3.903	O					3.25
61.417	0.00	0.10	3.902	O					3.25
61.500	0.00	0.10	3.901	O					3.25
61.583	0.00	0.10	3.901	O					3.25
61.667	0.00	0.10	3.900	O					3.25
61.750	0.00	0.10	3.899	O					3.25
61.833	0.00	0.10	3.899	O					3.25
61.917	0.00	0.10	3.898	O					3.25
62.000	0.00	0.10	3.897	O					3.25
62.083	0.00	0.10	3.897	O					3.25
62.167	0.00	0.10	3.896	O					3.25
62.250	0.00	0.10	3.895	O					3.25
62.333	0.00	0.10	3.895	O					3.25
62.417	0.00	0.10	3.894	O					3.24
62.500	0.00	0.10	3.893	O					3.24
62.583	0.00	0.10	3.893	O					3.24
62.667	0.00	0.10	3.892	O					3.24
62.750	0.00	0.10	3.891	O					3.24
62.833	0.00	0.10	3.890	O					3.24
62.917	0.00	0.10	3.890	O					3.24
63.000	0.00	0.10	3.889	O					3.24
63.083	0.00	0.10	3.888	O					3.24
63.167	0.00	0.10	3.888	O					3.24
63.250	0.00	0.10	3.887	O					3.24
63.333	0.00	0.10	3.886	O					3.24
63.417	0.00	0.10	3.886	O					3.24
63.500	0.00	0.10	3.885	O					3.24
63.583	0.00	0.10	3.884	O					3.24
63.667	0.00	0.10	3.884	O					3.24
63.750	0.00	0.10	3.883	O					3.24
63.833	0.00	0.10	3.882	O					3.24
63.917	0.00	0.10	3.882	O					3.23
64.000	0.00	0.10	3.881	O					3.23
64.083	0.00	0.10	3.880	O					3.23
64.167	0.00	0.10	3.879	O					3.23
64.250	0.00	0.10	3.879	O					3.23
64.333	0.00	0.10	3.878	O					3.23
64.417	0.00	0.10	3.877	O					3.23
64.500	0.00	0.10	3.877	O					3.23
64.583	0.00	0.10	3.876	O					3.23
64.667	0.00	0.10	3.875	O					3.23

64.750	0.00	0.10	3.875	O				3.23
64.833	0.00	0.10	3.874	O				3.23
64.917	0.00	0.10	3.873	O				3.23
65.000	0.00	0.10	3.873	O				3.23
65.083	0.00	0.10	3.872	O				3.23
65.167	0.00	0.10	3.871	O				3.23
65.250	0.00	0.10	3.870	O				3.23
65.333	0.00	0.10	3.870	O				3.22
65.417	0.00	0.10	3.869	O				3.22
65.500	0.00	0.10	3.868	O				3.22
65.583	0.00	0.10	3.868	O				3.22
65.667	0.00	0.10	3.867	O				3.22
65.750	0.00	0.10	3.866	O				3.22
65.833	0.00	0.10	3.866	O				3.22
65.917	0.00	0.10	3.865	O				3.22
66.000	0.00	0.10	3.864	O				3.22
66.083	0.00	0.10	3.864	O				3.22
66.167	0.00	0.10	3.863	O				3.22
66.250	0.00	0.10	3.862	O				3.22
66.333	0.00	0.10	3.862	O				3.22
66.417	0.00	0.10	3.861	O				3.22
66.500	0.00	0.10	3.860	O				3.22
66.583	0.00	0.10	3.859	O				3.22
66.667	0.00	0.10	3.859	O				3.22
66.750	0.00	0.10	3.858	O				3.22
66.833	0.00	0.10	3.857	O				3.21
66.917	0.00	0.10	3.857	O				3.21
67.000	0.00	0.10	3.856	O				3.21
67.083	0.00	0.10	3.855	O				3.21
67.167	0.00	0.10	3.855	O				3.21
67.250	0.00	0.10	3.854	O				3.21
67.333	0.00	0.10	3.853	O				3.21
67.417	0.00	0.10	3.853	O				3.21
67.500	0.00	0.10	3.852	O				3.21
67.583	0.00	0.10	3.851	O				3.21
67.667	0.00	0.10	3.851	O				3.21
67.750	0.00	0.10	3.850	O				3.21
67.833	0.00	0.10	3.849	O				3.21
67.917	0.00	0.10	3.848	O				3.21
68.000	0.00	0.10	3.848	O				3.21
68.083	0.00	0.10	3.847	O				3.21
68.167	0.00	0.10	3.846	O				3.21
68.250	0.00	0.10	3.846	O				3.20
68.333	0.00	0.10	3.845	O				3.20
68.417	0.00	0.10	3.844	O				3.20
68.500	0.00	0.10	3.844	O				3.20
68.583	0.00	0.10	3.843	O				3.20
68.667	0.00	0.10	3.842	O				3.20
68.750	0.00	0.10	3.842	O				3.20
68.833	0.00	0.10	3.841	O				3.20

68.917	0.00	0.10	3.840	O					3.20
69.000	0.00	0.10	3.839	O					3.20
69.083	0.00	0.10	3.839	O					3.20
69.167	0.00	0.10	3.838	O					3.20
69.250	0.00	0.10	3.837	O					3.20
69.333	0.00	0.10	3.837	O					3.20
69.417	0.00	0.10	3.836	O					3.20
69.500	0.00	0.10	3.835	O					3.20
69.583	0.00	0.10	3.835	O					3.20
69.667	0.00	0.10	3.834	O					3.19
69.750	0.00	0.10	3.833	O					3.19
69.833	0.00	0.10	3.833	O					3.19
69.917	0.00	0.10	3.832	O					3.19
70.000	0.00	0.10	3.831	O					3.19
70.083	0.00	0.10	3.831	O					3.19
70.167	0.00	0.10	3.830	O					3.19
70.250	0.00	0.10	3.829	O					3.19
70.333	0.00	0.10	3.828	O					3.19
70.417	0.00	0.10	3.828	O					3.19
70.500	0.00	0.10	3.827	O					3.19
70.583	0.00	0.10	3.826	O					3.19
70.667	0.00	0.10	3.826	O					3.19
70.750	0.00	0.10	3.825	O					3.19
70.833	0.00	0.10	3.824	O					3.19
70.917	0.00	0.10	3.824	O					3.19
71.000	0.00	0.10	3.823	O					3.19
71.083	0.00	0.10	3.822	O					3.19
71.167	0.00	0.10	3.822	O					3.18
71.250	0.00	0.10	3.821	O					3.18
71.333	0.00	0.10	3.820	O					3.18
71.417	0.00	0.10	3.820	O					3.18
71.500	0.00	0.10	3.819	O					3.18
71.583	0.00	0.10	3.818	O					3.18
71.667	0.00	0.10	3.817	O					3.18
71.750	0.00	0.10	3.817	O					3.18
71.833	0.00	0.10	3.816	O					3.18
71.917	0.00	0.10	3.815	O					3.18
72.000	0.00	0.10	3.815	O					3.18
72.083	0.00	0.10	3.814	O					3.18
72.167	0.00	0.10	3.813	O					3.18
72.250	0.00	0.10	3.813	O					3.18
72.333	0.00	0.10	3.812	O					3.18
72.417	0.00	0.10	3.811	O					3.18
72.500	0.00	0.10	3.811	O					3.18
72.583	0.00	0.10	3.810	O					3.17
72.667	0.00	0.10	3.809	O					3.17
72.750	0.00	0.10	3.808	O					3.17
72.833	0.00	0.10	3.808	O					3.17
72.917	0.00	0.10	3.807	O					3.17
73.000	0.00	0.10	3.806	O					3.17

73.083	0.00	0.10	3.806	O				3.17
73.167	0.00	0.10	3.805	O				3.17
73.250	0.00	0.10	3.804	O				3.17
73.333	0.00	0.10	3.804	O				3.17
73.417	0.00	0.10	3.803	O				3.17
73.500	0.00	0.10	3.802	O				3.17
73.583	0.00	0.10	3.802	O				3.17
73.667	0.00	0.10	3.801	O				3.17
73.750	0.00	0.10	3.800	O				3.17
73.833	0.00	0.10	3.800	O				3.17
73.917	0.00	0.10	3.799	O				3.17
74.000	0.00	0.10	3.798	O				3.17
74.083	0.00	0.10	3.797	O				3.16
74.167	0.00	0.10	3.797	O				3.16
74.250	0.00	0.10	3.796	O				3.16
74.333	0.00	0.10	3.795	O				3.16
74.417	0.00	0.10	3.795	O				3.16
74.500	0.00	0.10	3.794	O				3.16
74.583	0.00	0.10	3.793	O				3.16
74.667	0.00	0.10	3.793	O				3.16
74.750	0.00	0.10	3.792	O				3.16
74.833	0.00	0.10	3.791	O				3.16
74.917	0.00	0.10	3.791	O				3.16
75.000	0.00	0.10	3.790	O				3.16
75.083	0.00	0.10	3.789	O				3.16
75.167	0.00	0.10	3.789	O				3.16
75.250	0.00	0.10	3.788	O				3.16
75.333	0.00	0.10	3.787	O				3.16
75.417	0.00	0.10	3.786	O				3.16
75.500	0.00	0.10	3.786	O				3.15
75.583	0.00	0.10	3.785	O				3.15
75.667	0.00	0.10	3.784	O				3.15
75.750	0.00	0.10	3.784	O				3.15
75.833	0.00	0.10	3.783	O				3.15
75.917	0.00	0.10	3.782	O				3.15
76.000	0.00	0.10	3.782	O				3.15
76.083	0.00	0.10	3.781	O				3.15
76.167	0.00	0.10	3.780	O				3.15
76.250	0.00	0.10	3.780	O				3.15
76.333	0.00	0.10	3.779	O				3.15
76.417	0.00	0.10	3.778	O				3.15
76.500	0.00	0.10	3.778	O				3.15
76.583	0.00	0.10	3.777	O				3.15
76.667	0.00	0.10	3.776	O				3.15
76.750	0.00	0.10	3.775	O				3.15
76.833	0.00	0.10	3.775	O				3.15
76.917	0.00	0.10	3.774	O				3.15
77.000	0.00	0.10	3.773	O				3.14
77.083	0.00	0.10	3.773	O				3.14
77.167	0.00	0.10	3.772	O				3.14

77.250	0.00	0.10	3.771	O					3.14
77.333	0.00	0.10	3.771	O					3.14
77.417	0.00	0.10	3.770	O					3.14
77.500	0.00	0.10	3.769	O					3.14
77.583	0.00	0.10	3.769	O					3.14
77.667	0.00	0.10	3.768	O					3.14
77.750	0.00	0.10	3.767	O					3.14
77.833	0.00	0.10	3.766	O					3.14
77.917	0.00	0.10	3.766	O					3.14
78.000	0.00	0.10	3.765	O					3.14
78.083	0.00	0.10	3.764	O					3.14
78.167	0.00	0.10	3.764	O					3.14
78.250	0.00	0.10	3.763	O					3.14
78.333	0.00	0.10	3.762	O					3.14
78.417	0.00	0.10	3.762	O					3.13
78.500	0.00	0.10	3.761	O					3.13
78.583	0.00	0.10	3.760	O					3.13
78.667	0.00	0.10	3.760	O					3.13
78.750	0.00	0.10	3.759	O					3.13
78.833	0.00	0.10	3.758	O					3.13
78.917	0.00	0.10	3.758	O					3.13
79.000	0.00	0.10	3.757	O					3.13
79.083	0.00	0.10	3.756	O					3.13
79.167	0.00	0.10	3.755	O					3.13
79.250	0.00	0.10	3.755	O					3.13
79.333	0.00	0.10	3.754	O					3.13
79.417	0.00	0.10	3.753	O					3.13
79.500	0.00	0.10	3.753	O					3.13
79.583	0.00	0.10	3.752	O					3.13
79.667	0.00	0.10	3.751	O					3.13
79.750	0.00	0.10	3.751	O					3.13
79.833	0.00	0.10	3.750	O					3.12
79.917	0.00	0.10	3.749	O					3.12
80.000	0.00	0.10	3.749	O					3.12
80.083	0.00	0.10	3.748	O					3.12
80.167	0.00	0.10	3.747	O					3.12
80.250	0.00	0.10	3.747	O					3.12
80.333	0.00	0.10	3.746	O					3.12
80.417	0.00	0.10	3.745	O					3.12
80.500	0.00	0.10	3.744	O					3.12
80.583	0.00	0.10	3.744	O					3.12
80.667	0.00	0.10	3.743	O					3.12
80.750	0.00	0.10	3.742	O					3.12
80.833	0.00	0.10	3.742	O					3.12
80.917	0.00	0.10	3.741	O					3.12
81.000	0.00	0.10	3.740	O					3.12
81.083	0.00	0.10	3.740	O					3.12
81.167	0.00	0.10	3.739	O					3.12
81.250	0.00	0.10	3.738	O					3.12
81.333	0.00	0.10	3.738	O					3.11

81.417	0.00	0.10	3.737	O				3.11
81.500	0.00	0.10	3.736	O				3.11
81.583	0.00	0.10	3.735	O				3.11
81.667	0.00	0.10	3.735	O				3.11
81.750	0.00	0.10	3.734	O				3.11
81.833	0.00	0.10	3.733	O				3.11
81.917	0.00	0.10	3.733	O				3.11
82.000	0.00	0.10	3.732	O				3.11
82.083	0.00	0.10	3.731	O				3.11
82.167	0.00	0.10	3.731	O				3.11
82.250	0.00	0.10	3.730	O				3.11
82.333	0.00	0.10	3.729	O				3.11
82.417	0.00	0.10	3.729	O				3.11
82.500	0.00	0.10	3.728	O				3.11
82.583	0.00	0.10	3.727	O				3.11
82.667	0.00	0.10	3.727	O				3.11
82.750	0.00	0.10	3.726	O				3.10
82.833	0.00	0.10	3.725	O				3.10
82.917	0.00	0.10	3.724	O				3.10
83.000	0.00	0.10	3.724	O				3.10
83.083	0.00	0.10	3.723	O				3.10
83.167	0.00	0.10	3.722	O				3.10
83.250	0.00	0.10	3.722	O				3.10
83.333	0.00	0.10	3.721	O				3.10
83.417	0.00	0.10	3.720	O				3.10
83.500	0.00	0.10	3.720	O				3.10
83.583	0.00	0.10	3.719	O				3.10
83.667	0.00	0.10	3.718	O				3.10
83.750	0.00	0.10	3.718	O				3.10
83.833	0.00	0.10	3.717	O				3.10
83.917	0.00	0.10	3.716	O				3.10
84.000	0.00	0.10	3.716	O				3.10
84.083	0.00	0.10	3.715	O				3.10
84.167	0.00	0.10	3.714	O				3.10
84.250	0.00	0.10	3.713	O				3.09
84.333	0.00	0.10	3.713	O				3.09
84.417	0.00	0.10	3.712	O				3.09
84.500	0.00	0.10	3.711	O				3.09
84.583	0.00	0.10	3.711	O				3.09
84.667	0.00	0.10	3.710	O				3.09
84.750	0.00	0.10	3.709	O				3.09
84.833	0.00	0.10	3.709	O				3.09
84.917	0.00	0.10	3.708	O				3.09
85.000	0.00	0.10	3.707	O				3.09
85.083	0.00	0.10	3.707	O				3.09
85.167	0.00	0.10	3.706	O				3.09
85.250	0.00	0.10	3.705	O				3.09
85.333	0.00	0.10	3.705	O				3.09
85.417	0.00	0.10	3.704	O				3.09
85.500	0.00	0.10	3.703	O				3.09

85.583	0.00	0.10	3.702	O					3.09
85.667	0.00	0.10	3.702	O					3.08
85.750	0.00	0.10	3.701	O					3.08
85.833	0.00	0.10	3.700	O					3.08
85.917	0.00	0.10	3.700	O					3.08
86.000	0.00	0.10	3.699	O					3.08
86.083	0.00	0.10	3.698	O					3.08
86.167	0.00	0.10	3.698	O					3.08
86.250	0.00	0.10	3.697	O					3.08
86.333	0.00	0.10	3.696	O					3.08
86.417	0.00	0.10	3.696	O					3.08
86.500	0.00	0.10	3.695	O					3.08
86.583	0.00	0.10	3.694	O					3.08
86.667	0.00	0.10	3.693	O					3.08
86.750	0.00	0.10	3.693	O					3.08
86.833	0.00	0.10	3.692	O					3.08
86.917	0.00	0.10	3.691	O					3.08
87.000	0.00	0.10	3.691	O					3.08
87.083	0.00	0.10	3.690	O					3.08
87.167	0.00	0.10	3.689	O					3.07
87.250	0.00	0.10	3.689	O					3.07
87.333	0.00	0.10	3.688	O					3.07
87.417	0.00	0.10	3.687	O					3.07
87.500	0.00	0.10	3.687	O					3.07
87.583	0.00	0.10	3.686	O					3.07
87.667	0.00	0.10	3.685	O					3.07
87.750	0.00	0.10	3.685	O					3.07
87.833	0.00	0.10	3.684	O					3.07
87.917	0.00	0.10	3.683	O					3.07
88.000	0.00	0.10	3.682	O					3.07
88.083	0.00	0.10	3.682	O					3.07
88.167	0.00	0.10	3.681	O					3.07
88.250	0.00	0.10	3.680	O					3.07
88.333	0.00	0.10	3.680	O					3.07
88.417	0.00	0.10	3.679	O					3.07
88.500	0.00	0.10	3.678	O					3.07
88.583	0.00	0.10	3.678	O					3.06
88.667	0.00	0.10	3.677	O					3.06
88.750	0.00	0.10	3.676	O					3.06
88.833	0.00	0.10	3.676	O					3.06
88.917	0.00	0.10	3.675	O					3.06
89.000	0.00	0.10	3.674	O					3.06
89.083	0.00	0.10	3.674	O					3.06
89.167	0.00	0.10	3.673	O					3.06
89.250	0.00	0.10	3.672	O					3.06
89.333	0.00	0.10	3.671	O					3.06
89.417	0.00	0.10	3.671	O					3.06
89.500	0.00	0.10	3.670	O					3.06
89.583	0.00	0.10	3.669	O					3.06
89.667	0.00	0.10	3.669	O					3.06

89.750	0.00	0.10	3.668	O					3.06
89.833	0.00	0.10	3.667	O					3.06
89.917	0.00	0.10	3.667	O					3.06
90.000	0.00	0.10	3.666	O					3.05
90.083	0.00	0.10	3.665	O					3.05
90.167	0.00	0.10	3.665	O					3.05
90.250	0.00	0.10	3.664	O					3.05
90.333	0.00	0.10	3.663	O					3.05
90.417	0.00	0.10	3.662	O					3.05
90.500	0.00	0.10	3.662	O					3.05
90.583	0.00	0.10	3.661	O					3.05
90.667	0.00	0.10	3.660	O					3.05
90.750	0.00	0.10	3.660	O					3.05
90.833	0.00	0.10	3.659	O					3.05
90.917	0.00	0.10	3.658	O					3.05
91.000	0.00	0.10	3.658	O					3.05
91.083	0.00	0.10	3.657	O					3.05
91.167	0.00	0.10	3.656	O					3.05
91.250	0.00	0.10	3.656	O					3.05
91.333	0.00	0.10	3.655	O					3.05
91.417	0.00	0.10	3.654	O					3.05
91.500	0.00	0.10	3.654	O					3.04
91.583	0.00	0.10	3.653	O					3.04
91.667	0.00	0.10	3.652	O					3.04
91.750	0.00	0.10	3.651	O					3.04
91.833	0.00	0.10	3.651	O					3.04
91.917	0.00	0.10	3.650	O					3.04
92.000	0.00	0.10	3.649	O					3.04
92.083	0.00	0.10	3.649	O					3.04
92.167	0.00	0.10	3.648	O					3.04
92.250	0.00	0.10	3.647	O					3.04
92.333	0.00	0.10	3.647	O					3.04
92.417	0.00	0.10	3.646	O					3.04
92.500	0.00	0.10	3.645	O					3.04
92.583	0.00	0.10	3.645	O					3.04
92.667	0.00	0.10	3.644	O					3.04
92.750	0.00	0.10	3.643	O					3.04
92.833	0.00	0.10	3.643	O					3.04
92.917	0.00	0.10	3.642	O					3.03
93.000	0.00	0.10	3.641	O					3.03
93.083	0.00	0.10	3.640	O					3.03
93.167	0.00	0.10	3.640	O					3.03
93.250	0.00	0.10	3.639	O					3.03
93.333	0.00	0.10	3.638	O					3.03
93.417	0.00	0.10	3.638	O					3.03
93.500	0.00	0.10	3.637	O					3.03
93.583	0.00	0.10	3.636	O					3.03
93.667	0.00	0.10	3.636	O					3.03
93.750	0.00	0.10	3.635	O					3.03
93.833	0.00	0.10	3.634	O					3.03

93.917	0.00	0.10	3.634	O					3.03
94.000	0.00	0.10	3.633	O					3.03
94.083	0.00	0.10	3.632	O					3.03
94.167	0.00	0.10	3.632	O					3.03
94.250	0.00	0.10	3.631	O					3.03
94.333	0.00	0.10	3.630	O					3.03
94.417	0.00	0.10	3.629	O					3.02
94.500	0.00	0.10	3.629	O					3.02
94.583	0.00	0.10	3.628	O					3.02
94.667	0.00	0.10	3.627	O					3.02
94.750	0.00	0.10	3.627	O					3.02
94.833	0.00	0.10	3.626	O					3.02
94.917	0.00	0.10	3.625	O					3.02
95.000	0.00	0.10	3.625	O					3.02
95.083	0.00	0.10	3.624	O					3.02
95.167	0.00	0.10	3.623	O					3.02
95.250	0.00	0.10	3.623	O					3.02
95.333	0.00	0.10	3.622	O					3.02
95.417	0.00	0.10	3.621	O					3.02
95.500	0.00	0.10	3.620	O					3.02
95.583	0.00	0.10	3.620	O					3.02
95.667	0.00	0.10	3.619	O					3.02
95.750	0.00	0.10	3.618	O					3.02
95.833	0.00	0.10	3.618	O					3.01
95.917	0.00	0.10	3.617	O					3.01
96.000	0.00	0.10	3.616	O					3.01
96.083	0.00	0.10	3.616	O					3.01
96.167	0.00	0.10	3.615	O					3.01
96.250	0.00	0.10	3.614	O					3.01
96.333	0.00	0.10	3.614	O					3.01
96.417	0.00	0.10	3.613	O					3.01
96.500	0.00	0.10	3.612	O					3.01
96.583	0.00	0.10	3.612	O					3.01
96.667	0.00	0.10	3.611	O					3.01
96.750	0.00	0.10	3.610	O					3.01
96.833	0.00	0.10	3.609	O					3.01
96.917	0.00	0.10	3.609	O					3.01
97.000	0.00	0.10	3.608	O					3.01
97.083	0.00	0.10	3.607	O					3.01
97.167	0.00	0.10	3.607	O					3.01
97.250	0.00	0.10	3.606	O					3.01
97.333	0.00	0.10	3.605	O					3.00
97.417	0.00	0.10	3.605	O					3.00
97.500	0.00	0.10	3.604	O					3.00
97.583	0.00	0.10	3.603	O					3.00
97.667	0.00	0.10	3.603	O					3.00
97.750	0.00	0.10	3.602	O					3.00
97.833	0.00	0.10	3.601	O					3.00
97.917	0.00	0.10	3.601	O					3.00
98.000	0.00	0.10	3.600	O					3.00

98.083	0.00	0.10	3.599	O				3.00
98.167	0.00	0.10	3.598	O				3.00
98.250	0.00	0.10	3.598	O				3.00
98.333	0.00	0.10	3.597	O				3.00
98.417	0.00	0.10	3.596	O				3.00
98.500	0.00	0.10	3.596	O				3.00
98.583	0.00	0.10	3.595	O				3.00
98.667	0.00	0.10	3.594	O				3.00
98.750	0.00	0.10	3.594	O				2.99
98.833	0.00	0.10	3.593	O				2.99
98.917	0.00	0.10	3.592	O				2.99
99.000	0.00	0.10	3.592	O				2.99
99.083	0.00	0.10	3.591	O				2.99
99.167	0.00	0.10	3.590	O				2.99
99.250	0.00	0.10	3.590	O				2.99
99.333	0.00	0.10	3.589	O				2.99
99.417	0.00	0.10	3.588	O				2.99
99.500	0.00	0.10	3.588	O				2.99
99.583	0.00	0.10	3.587	O				2.99
99.667	0.00	0.10	3.586	O				2.99
99.750	0.00	0.10	3.586	O				2.99
99.833	0.00	0.10	3.585	O				2.99
99.917	0.00	0.10	3.584	O				2.99
100.000	0.00	0.10	3.583	O				2.99
100.083	0.00	0.10	3.583	O				2.99
100.167	0.00	0.10	3.582	O				2.99
100.250	0.00	0.10	3.581	O				2.98
100.333	0.00	0.10	3.581	O				2.98
100.417	0.00	0.10	3.580	O				2.98
100.500	0.00	0.10	3.579	O				2.98
100.583	0.00	0.10	3.579	O				2.98
100.667	0.00	0.10	3.578	O				2.98
100.750	0.00	0.10	3.577	O				2.98
100.833	0.00	0.10	3.577	O				2.98
100.917	0.00	0.10	3.576	O				2.98
101.000	0.00	0.10	3.575	O				2.98
101.083	0.00	0.10	3.575	O				2.98
101.167	0.00	0.10	3.574	O				2.98
101.250	0.00	0.10	3.574	O				2.98
101.333	0.00	0.10	3.573	O				2.98
101.417	0.00	0.10	3.572	O				2.98
101.500	0.00	0.10	3.572	O				2.98
101.583	0.00	0.10	3.571	O				2.98
101.667	0.00	0.10	3.570	O				2.98
101.750	0.00	0.10	3.570	O				2.97
101.833	0.00	0.10	3.569	O				2.97
101.917	0.00	0.10	3.568	O				2.97
102.000	0.00	0.10	3.568	O				2.97
102.083	0.00	0.10	3.567	O				2.97
102.167	0.00	0.09	3.566	O				2.97

102.250	0.00	0.09	3.566	O				2.97
102.333	0.00	0.09	3.565	O				2.97
102.417	0.00	0.09	3.564	O				2.97
102.500	0.00	0.09	3.564	O				2.97
102.583	0.00	0.09	3.563	O				2.97
102.667	0.00	0.09	3.562	O				2.97
102.750	0.00	0.09	3.562	O				2.97
102.833	0.00	0.09	3.561	O				2.97
102.917	0.00	0.09	3.560	O				2.97
103.000	0.00	0.09	3.560	O				2.97
103.083	0.00	0.09	3.559	O				2.97
103.167	0.00	0.09	3.558	O				2.97
103.250	0.00	0.09	3.558	O				2.96
103.333	0.00	0.09	3.557	O				2.96
103.417	0.00	0.09	3.557	O				2.96
103.500	0.00	0.09	3.556	O				2.96
103.583	0.00	0.09	3.555	O				2.96
103.667	0.00	0.09	3.555	O				2.96
103.750	0.00	0.09	3.554	O				2.96
103.833	0.00	0.09	3.553	O				2.96
103.917	0.00	0.09	3.553	O				2.96
104.000	0.00	0.09	3.552	O				2.96
104.083	0.00	0.09	3.551	O				2.96
104.167	0.00	0.09	3.551	O				2.96
104.250	0.00	0.09	3.550	O				2.96
104.333	0.00	0.09	3.549	O				2.96
104.417	0.00	0.09	3.549	O				2.96
104.500	0.00	0.09	3.548	O				2.96
104.583	0.00	0.09	3.548	O				2.96
104.667	0.00	0.09	3.547	O				2.96
104.750	0.00	0.09	3.546	O				2.96
104.833	0.00	0.09	3.546	O				2.95
104.917	0.00	0.09	3.545	O				2.95
105.000	0.00	0.09	3.544	O				2.95
105.083	0.00	0.09	3.544	O				2.95
105.167	0.00	0.09	3.543	O				2.95
105.250	0.00	0.09	3.543	O				2.95
105.333	0.00	0.09	3.542	O				2.95
105.417	0.00	0.09	3.541	O				2.95
105.500	0.00	0.09	3.541	O				2.95
105.583	0.00	0.09	3.540	O				2.95
105.667	0.00	0.09	3.539	O				2.95
105.750	0.00	0.09	3.539	O				2.95
105.833	0.00	0.09	3.538	O				2.95
105.917	0.00	0.09	3.538	O				2.95
106.000	0.00	0.09	3.537	O				2.95
106.083	0.00	0.09	3.536	O				2.95
106.167	0.00	0.09	3.536	O				2.95
106.250	0.00	0.09	3.535	O				2.95
106.333	0.00	0.09	3.534	O				2.95

106.417	0.00	0.09	3.534	O				2.94
106.500	0.00	0.09	3.533	O				2.94
106.583	0.00	0.09	3.533	O				2.94
106.667	0.00	0.09	3.532	O				2.94
106.750	0.00	0.09	3.531	O				2.94
106.833	0.00	0.09	3.531	O				2.94
106.917	0.00	0.09	3.530	O				2.94
107.000	0.00	0.09	3.529	O				2.94
107.083	0.00	0.09	3.529	O				2.94
107.167	0.00	0.09	3.528	O				2.94
107.250	0.00	0.09	3.528	O				2.94
107.333	0.00	0.09	3.527	O				2.94
107.417	0.00	0.09	3.526	O				2.94
107.500	0.00	0.09	3.526	O				2.94
107.583	0.00	0.09	3.525	O				2.94
107.667	0.00	0.09	3.525	O				2.94
107.750	0.00	0.09	3.524	O				2.94
107.833	0.00	0.09	3.523	O				2.94
107.917	0.00	0.09	3.523	O				2.94
108.000	0.00	0.09	3.522	O				2.94
108.083	0.00	0.09	3.522	O				2.93
108.167	0.00	0.09	3.521	O				2.93
108.250	0.00	0.09	3.520	O				2.93
108.333	0.00	0.09	3.520	O				2.93
108.417	0.00	0.09	3.519	O				2.93
108.500	0.00	0.09	3.518	O				2.93
108.583	0.00	0.09	3.518	O				2.93
108.667	0.00	0.09	3.517	O				2.93
108.750	0.00	0.09	3.517	O				2.93
108.833	0.00	0.09	3.516	O				2.93
108.917	0.00	0.09	3.515	O				2.93
109.000	0.00	0.09	3.515	O				2.93
109.083	0.00	0.09	3.514	O				2.93
109.167	0.00	0.09	3.514	O				2.93
109.250	0.00	0.09	3.513	O				2.93
109.333	0.00	0.09	3.512	O				2.93
109.417	0.00	0.09	3.512	O				2.93
109.500	0.00	0.09	3.511	O				2.93
109.583	0.00	0.09	3.511	O				2.93
109.667	0.00	0.09	3.510	O				2.93
109.750	0.00	0.09	3.509	O				2.92
109.833	0.00	0.09	3.509	O				2.92
109.917	0.00	0.09	3.508	O				2.92
110.000	0.00	0.09	3.508	O				2.92
110.083	0.00	0.09	3.507	O				2.92
110.167	0.00	0.09	3.507	O				2.92
110.250	0.00	0.09	3.506	O				2.92
110.333	0.00	0.09	3.505	O				2.92
110.417	0.00	0.09	3.505	O				2.92
110.500	0.00	0.09	3.504	O				2.92

110.583	0.00	0.09	3.504	O	|	|	|	2.92
110.667	0.00	0.09	3.503	O	|	|	|	2.92
110.750	0.00	0.09	3.502	O	|	|	|	2.92
110.833	0.00	0.09	3.502	O	|	|	|	2.92
110.917	0.00	0.09	3.501	O	|	|	|	2.92
111.000	0.00	0.09	3.501	O	|	|	|	2.92
111.083	0.00	0.09	3.500	O	|	|	|	2.92
111.167	0.00	0.08	3.499	O	|	|	|	2.92
111.250	0.00	0.08	3.499	O	|	|	|	2.92
111.333	0.00	0.08	3.498	O	|	|	|	2.92
111.417	0.00	0.08	3.498	O	|	|	|	2.91
111.500	0.00	0.08	3.497	O	|	|	|	2.91
111.583	0.00	0.08	3.497	O	|	|	|	2.91
111.667	0.00	0.08	3.496	O	|	|	|	2.91
111.750	0.00	0.08	3.495	O	|	|	|	2.91
111.833	0.00	0.08	3.495	O	|	|	|	2.91
111.917	0.00	0.08	3.494	O	|	|	|	2.91
112.000	0.00	0.08	3.494	O	|	|	|	2.91
112.083	0.00	0.08	3.493	O	|	|	|	2.91
112.167	0.00	0.08	3.492	O	|	|	|	2.91
112.250	0.00	0.08	3.492	O	|	|	|	2.91
112.333	0.00	0.08	3.491	O	|	|	|	2.91
112.417	0.00	0.08	3.491	O	|	|	|	2.91
112.500	0.00	0.08	3.490	O	|	|	|	2.91
112.583	0.00	0.08	3.490	O	|	|	|	2.91
112.667	0.00	0.08	3.489	O	|	|	|	2.91
112.750	0.00	0.08	3.488	O	|	|	|	2.91
112.833	0.00	0.08	3.488	O	|	|	|	2.91
112.917	0.00	0.08	3.487	O	|	|	|	2.91
113.000	0.00	0.08	3.487	O	|	|	|	2.91
113.083	0.00	0.08	3.486	O	|	|	|	2.91
113.167	0.00	0.08	3.486	O	|	|	|	2.90
113.250	0.00	0.08	3.485	O	|	|	|	2.90
113.333	0.00	0.08	3.484	O	|	|	|	2.90
113.417	0.00	0.08	3.484	O	|	|	|	2.90
113.500	0.00	0.08	3.483	O	|	|	|	2.90
113.583	0.00	0.08	3.483	O	|	|	|	2.90
113.667	0.00	0.08	3.482	O	|	|	|	2.90
113.750	0.00	0.08	3.482	O	|	|	|	2.90
113.833	0.00	0.08	3.481	O	|	|	|	2.90
113.917	0.00	0.08	3.480	O	|	|	|	2.90
114.000	0.00	0.08	3.480	O	|	|	|	2.90
114.083	0.00	0.08	3.479	O	|	|	|	2.90
114.167	0.00	0.08	3.479	O	|	|	|	2.90
114.250	0.00	0.08	3.478	O	|	|	|	2.90
114.333	0.00	0.08	3.478	O	|	|	|	2.90
114.417	0.00	0.08	3.477	O	|	|	|	2.90
114.500	0.00	0.08	3.477	O	|	|	|	2.90
114.583	0.00	0.08	3.476	O	|	|	|	2.90
114.667	0.00	0.08	3.475	O	|	|	|	2.90

114.750	0.00	0.08	3.475	O				2.90
114.833	0.00	0.08	3.474	O				2.90
114.917	0.00	0.08	3.474	O				2.89
115.000	0.00	0.08	3.473	O				2.89
115.083	0.00	0.08	3.473	O				2.89
115.167	0.00	0.08	3.472	O				2.89
115.250	0.00	0.08	3.472	O				2.89
115.333	0.00	0.08	3.471	O				2.89
115.417	0.00	0.08	3.470	O				2.89
115.500	0.00	0.08	3.470	O				2.89
115.583	0.00	0.08	3.469	O				2.89
115.667	0.00	0.08	3.469	O				2.89
115.750	0.00	0.08	3.468	O				2.89
115.833	0.00	0.08	3.468	O				2.89
115.917	0.00	0.08	3.467	O				2.89
116.000	0.00	0.08	3.467	O				2.89
116.083	0.00	0.08	3.466	O				2.89
116.167	0.00	0.08	3.465	O				2.89
116.250	0.00	0.08	3.465	O				2.89
116.333	0.00	0.08	3.464	O				2.89
116.417	0.00	0.08	3.464	O				2.89
116.500	0.00	0.08	3.463	O				2.89
116.583	0.00	0.08	3.463	O				2.89
116.667	0.00	0.08	3.462	O				2.89
116.750	0.00	0.08	3.462	O				2.88
116.833	0.00	0.08	3.461	O				2.88
116.917	0.00	0.08	3.460	O				2.88
117.000	0.00	0.08	3.460	O				2.88
117.083	0.00	0.08	3.459	O				2.88
117.167	0.00	0.08	3.459	O				2.88
117.250	0.00	0.08	3.458	O				2.88
117.333	0.00	0.08	3.458	O				2.88
117.417	0.00	0.08	3.457	O				2.88
117.500	0.00	0.08	3.457	O				2.88
117.583	0.00	0.08	3.456	O				2.88
117.667	0.00	0.08	3.456	O				2.88
117.750	0.00	0.08	3.455	O				2.88
117.833	0.00	0.08	3.455	O				2.88
117.917	0.00	0.08	3.454	O				2.88
118.000	0.00	0.08	3.453	O				2.88
118.083	0.00	0.08	3.453	O				2.88
118.167	0.00	0.08	3.452	O				2.88
118.250	0.00	0.08	3.452	O				2.88
118.333	0.00	0.08	3.451	O				2.88
118.417	0.00	0.08	3.451	O				2.88
118.500	0.00	0.08	3.450	O				2.88
118.583	0.00	0.08	3.450	O				2.87
118.667	0.00	0.08	3.449	O				2.87
118.750	0.00	0.08	3.449	O				2.87
118.833	0.00	0.08	3.448	O				2.87

118.917	0.00	0.08	3.448	O					2.87
119.000	0.00	0.08	3.447	O					2.87
119.083	0.00	0.08	3.447	O					2.87
119.167	0.00	0.08	3.446	O					2.87
119.250	0.00	0.08	3.445	O					2.87
119.333	0.00	0.08	3.445	O					2.87
119.417	0.00	0.08	3.444	O					2.87
119.500	0.00	0.08	3.444	O					2.87
119.583	0.00	0.08	3.443	O					2.87
119.667	0.00	0.08	3.443	O					2.87
119.750	0.00	0.08	3.442	O					2.87
119.833	0.00	0.08	3.442	O					2.87
119.917	0.00	0.08	3.441	O					2.87
120.000	0.00	0.08	3.441	O					2.87
120.083	0.00	0.08	3.440	O					2.87
120.167	0.00	0.08	3.440	O					2.87
120.250	0.00	0.08	3.439	O					2.87
120.333	0.00	0.08	3.439	O					2.87
120.417	0.00	0.08	3.438	O					2.87
120.500	0.00	0.08	3.438	O					2.86
120.583	0.00	0.08	3.437	O					2.86
120.667	0.00	0.08	3.437	O					2.86
120.750	0.00	0.08	3.436	O					2.86
120.833	0.00	0.08	3.436	O					2.86
120.917	0.00	0.08	3.435	O					2.86
121.000	0.00	0.08	3.434	O					2.86
121.083	0.00	0.08	3.434	O					2.86
121.167	0.00	0.08	3.433	O					2.86
121.250	0.00	0.07	3.433	O					2.86
121.333	0.00	0.07	3.432	O					2.86
121.417	0.00	0.07	3.432	O					2.86
121.500	0.00	0.07	3.431	O					2.86
121.583	0.00	0.07	3.431	O					2.86
121.667	0.00	0.07	3.430	O					2.86
121.750	0.00	0.07	3.430	O					2.86
121.833	0.00	0.07	3.429	O					2.86
121.917	0.00	0.07	3.429	O					2.86
122.000	0.00	0.07	3.428	O					2.86
122.083	0.00	0.07	3.428	O					2.86
122.167	0.00	0.07	3.427	O					2.86
122.250	0.00	0.07	3.427	O					2.86
122.333	0.00	0.07	3.426	O					2.86
122.417	0.00	0.07	3.426	O					2.85
122.500	0.00	0.07	3.425	O					2.85
122.583	0.00	0.07	3.425	O					2.85
122.667	0.00	0.07	3.424	O					2.85
122.750	0.00	0.07	3.424	O					2.85
122.833	0.00	0.07	3.423	O					2.85
122.917	0.00	0.07	3.423	O					2.85
123.000	0.00	0.07	3.422	O					2.85

123.083	0.00	0.07	3.422	O				2.85
123.167	0.00	0.07	3.421	O				2.85
123.250	0.00	0.07	3.421	O				2.85
123.333	0.00	0.07	3.420	O				2.85
123.417	0.00	0.07	3.420	O				2.85
123.500	0.00	0.07	3.419	O				2.85
123.583	0.00	0.07	3.419	O				2.85
123.667	0.00	0.07	3.418	O				2.85
123.750	0.00	0.07	3.418	O				2.85
123.833	0.00	0.07	3.417	O				2.85
123.917	0.00	0.07	3.417	O				2.85
124.000	0.00	0.07	3.416	O				2.85
124.083	0.00	0.07	3.416	O				2.85
124.167	0.00	0.07	3.415	O				2.85
124.250	0.00	0.07	3.415	O				2.85
124.333	0.00	0.07	3.414	O				2.85
124.417	0.00	0.07	3.414	O				2.84
124.500	0.00	0.07	3.413	O				2.84
124.583	0.00	0.07	3.413	O				2.84
124.667	0.00	0.07	3.412	O				2.84
124.750	0.00	0.07	3.412	O				2.84
124.833	0.00	0.07	3.411	O				2.84
124.917	0.00	0.07	3.411	O				2.84
125.000	0.00	0.07	3.410	O				2.84
125.083	0.00	0.07	3.410	O				2.84
125.167	0.00	0.07	3.409	O				2.84
125.250	0.00	0.07	3.409	O				2.84
125.333	0.00	0.07	3.408	O				2.84
125.417	0.00	0.07	3.408	O				2.84
125.500	0.00	0.07	3.407	O				2.84
125.583	0.00	0.07	3.407	O				2.84
125.667	0.00	0.07	3.406	O				2.84
125.750	0.00	0.07	3.406	O				2.84
125.833	0.00	0.07	3.405	O				2.84
125.917	0.00	0.07	3.405	O				2.84
126.000	0.00	0.07	3.404	O				2.84
126.083	0.00	0.07	3.404	O				2.84
126.167	0.00	0.07	3.403	O				2.84
126.250	0.00	0.07	3.403	O				2.84
126.333	0.00	0.07	3.402	O				2.84
126.417	0.00	0.07	3.402	O				2.83
126.500	0.00	0.07	3.401	O				2.83
126.583	0.00	0.07	3.401	O				2.83
126.667	0.00	0.07	3.400	O				2.83
126.750	0.00	0.07	3.400	O				2.83
126.833	0.00	0.07	3.400	O				2.83
126.917	0.00	0.07	3.399	O				2.83
127.000	0.00	0.07	3.399	O				2.83
127.083	0.00	0.07	3.398	O				2.83
127.167	0.00	0.07	3.398	O				2.83

127.250	0.00	0.07	3.397	O				2.83
127.333	0.00	0.07	3.397	O				2.83
127.417	0.00	0.07	3.396	O				2.83
127.500	0.00	0.07	3.396	O				2.83
127.583	0.00	0.07	3.395	O				2.83
127.667	0.00	0.07	3.395	O				2.83
127.750	0.00	0.07	3.394	O				2.83
127.833	0.00	0.07	3.394	O				2.83
127.917	0.00	0.07	3.393	O				2.83
128.000	0.00	0.07	3.393	O				2.83
128.083	0.00	0.07	3.392	O				2.83
128.167	0.00	0.07	3.392	O				2.83
128.250	0.00	0.07	3.391	O				2.83
128.333	0.00	0.07	3.391	O				2.83
128.417	0.00	0.07	3.390	O				2.83
128.500	0.00	0.07	3.390	O				2.82
128.583	0.00	0.07	3.390	O				2.82
128.667	0.00	0.07	3.389	O				2.82
128.750	0.00	0.07	3.389	O				2.82
128.833	0.00	0.07	3.388	O				2.82
128.917	0.00	0.07	3.388	O				2.82
129.000	0.00	0.07	3.387	O				2.82
129.083	0.00	0.07	3.387	O				2.82
129.167	0.00	0.07	3.386	O				2.82
129.250	0.00	0.07	3.386	O				2.82
129.333	0.00	0.07	3.385	O				2.82
129.417	0.00	0.07	3.385	O				2.82
129.500	0.00	0.07	3.384	O				2.82
129.583	0.00	0.07	3.384	O				2.82
129.667	0.00	0.07	3.383	O				2.82
129.750	0.00	0.07	3.383	O				2.82
129.833	0.00	0.07	3.382	O				2.82
129.917	0.00	0.07	3.382	O				2.82
130.000	0.00	0.07	3.382	O				2.82
130.083	0.00	0.07	3.381	O				2.82
130.167	0.00	0.07	3.381	O				2.82
130.250	0.00	0.07	3.380	O				2.82
130.333	0.00	0.07	3.380	O				2.82
130.417	0.00	0.07	3.379	O				2.82
130.500	0.00	0.07	3.379	O				2.82
130.583	0.00	0.07	3.378	O				2.82
130.667	0.00	0.07	3.378	O				2.81
130.750	0.00	0.07	3.377	O				2.81
130.833	0.00	0.07	3.377	O				2.81
130.917	0.00	0.07	3.377	O				2.81
131.000	0.00	0.07	3.376	O				2.81
131.083	0.00	0.07	3.376	O				2.81
131.167	0.00	0.07	3.375	O				2.81
131.250	0.00	0.07	3.375	O				2.81
131.333	0.00	0.07	3.374	O				2.81

131.417	0.00	0.07	3.374	O				2.81
131.500	0.00	0.07	3.373	O				2.81
131.583	0.00	0.07	3.373	O				2.81
131.667	0.00	0.07	3.372	O				2.81
131.750	0.00	0.07	3.372	O				2.81
131.833	0.00	0.07	3.371	O				2.81
131.917	0.00	0.07	3.371	O				2.81
132.000	0.00	0.07	3.371	O				2.81
132.083	0.00	0.07	3.370	O				2.81
132.167	0.00	0.07	3.370	O				2.81
132.250	0.00	0.07	3.369	O				2.81
132.333	0.00	0.07	3.369	O				2.81
132.417	0.00	0.07	3.368	O				2.81
132.500	0.00	0.07	3.368	O				2.81
132.583	0.00	0.07	3.367	O				2.81
132.667	0.00	0.07	3.367	O				2.81
132.750	0.00	0.06	3.367	O				2.81
132.833	0.00	0.06	3.366	O				2.81
132.917	0.00	0.06	3.366	O				2.80
133.000	0.00	0.06	3.365	O				2.80
133.083	0.00	0.06	3.365	O				2.80
133.167	0.00	0.06	3.364	O				2.80
133.250	0.00	0.06	3.364	O				2.80
133.333	0.00	0.06	3.363	O				2.80
133.417	0.00	0.06	3.363	O				2.80
133.500	0.00	0.06	3.363	O				2.80
133.583	0.00	0.06	3.362	O				2.80
133.667	0.00	0.06	3.362	O				2.80
133.750	0.00	0.06	3.361	O				2.80
133.833	0.00	0.06	3.361	O				2.80
133.917	0.00	0.06	3.360	O				2.80
134.000	0.00	0.06	3.360	O				2.80
134.083	0.00	0.06	3.359	O				2.80
134.167	0.00	0.06	3.359	O				2.80
134.250	0.00	0.06	3.359	O				2.80
134.333	0.00	0.06	3.358	O				2.80
134.417	0.00	0.06	3.358	O				2.80
134.500	0.00	0.06	3.357	O				2.80
134.583	0.00	0.06	3.357	O				2.80
134.667	0.00	0.06	3.356	O				2.80
134.750	0.00	0.06	3.356	O				2.80
134.833	0.00	0.06	3.356	O				2.80
134.917	0.00	0.06	3.355	O				2.80
135.000	0.00	0.06	3.355	O				2.80
135.083	0.00	0.06	3.354	O				2.80
135.167	0.00	0.06	3.354	O				2.79
135.250	0.00	0.06	3.353	O				2.79
135.333	0.00	0.06	3.353	O				2.79
135.417	0.00	0.06	3.352	O				2.79
135.500	0.00	0.06	3.352	O				2.79

135.583	0.00	0.06	3.352	O				2.79
135.667	0.00	0.06	3.351	O				2.79
135.750	0.00	0.06	3.351	O				2.79
135.833	0.00	0.06	3.350	O				2.79
135.917	0.00	0.06	3.350	O				2.79
136.000	0.00	0.06	3.349	O				2.79
136.083	0.00	0.06	3.349	O				2.79
136.167	0.00	0.06	3.349	O				2.79
136.250	0.00	0.06	3.348	O				2.79
136.333	0.00	0.06	3.348	O				2.79
136.417	0.00	0.06	3.347	O				2.79
136.500	0.00	0.06	3.347	O				2.79
136.583	0.00	0.06	3.346	O				2.79
136.667	0.00	0.06	3.346	O				2.79
136.750	0.00	0.06	3.346	O				2.79
136.833	0.00	0.06	3.345	O				2.79
136.917	0.00	0.06	3.345	O				2.79
137.000	0.00	0.06	3.344	O				2.79
137.083	0.00	0.06	3.344	O				2.79
137.167	0.00	0.06	3.343	O				2.79
137.250	0.00	0.06	3.343	O				2.79
137.333	0.00	0.06	3.343	O				2.79
137.417	0.00	0.06	3.342	O				2.79
137.500	0.00	0.06	3.342	O				2.78
137.583	0.00	0.06	3.341	O				2.78
137.667	0.00	0.06	3.341	O				2.78
137.750	0.00	0.06	3.341	O				2.78
137.833	0.00	0.06	3.340	O				2.78
137.917	0.00	0.06	3.340	O				2.78
138.000	0.00	0.06	3.339	O				2.78
138.083	0.00	0.06	3.339	O				2.78
138.167	0.00	0.06	3.338	O				2.78
138.250	0.00	0.06	3.338	O				2.78
138.333	0.00	0.06	3.338	O				2.78
138.417	0.00	0.06	3.337	O				2.78
138.500	0.00	0.06	3.337	O				2.78
138.583	0.00	0.06	3.336	O				2.78
138.667	0.00	0.06	3.336	O				2.78
138.750	0.00	0.06	3.335	O				2.78
138.833	0.00	0.06	3.335	O				2.78
138.917	0.00	0.06	3.335	O				2.78
139.000	0.00	0.06	3.334	O				2.78
139.083	0.00	0.06	3.334	O				2.78
139.167	0.00	0.06	3.333	O				2.78
139.250	0.00	0.06	3.333	O				2.78
139.333	0.00	0.06	3.333	O				2.78
139.417	0.00	0.06	3.332	O				2.78
139.500	0.00	0.06	3.332	O				2.78
139.583	0.00	0.06	3.331	O				2.78
139.667	0.00	0.06	3.331	O				2.78

139.750	0.00	0.06	3.331	O	|	|	|	2.78
139.833	0.00	0.06	3.330	O	|	|	|	2.78
139.917	0.00	0.06	3.330	O	|	|	|	2.77
140.000	0.00	0.06	3.329	O	|	|	|	2.77
140.083	0.00	0.06	3.329	O	|	|	|	2.77
140.167	0.00	0.06	3.328	O	|	|	|	2.77
140.250	0.00	0.06	3.328	O	|	|	|	2.77
140.333	0.00	0.06	3.328	O	|	|	|	2.77
140.417	0.00	0.06	3.327	O	|	|	|	2.77
140.500	0.00	0.06	3.327	O	|	|	|	2.77
140.583	0.00	0.06	3.326	O	|	|	|	2.77
140.667	0.00	0.06	3.326	O	|	|	|	2.77
140.750	0.00	0.06	3.326	O	|	|	|	2.77
140.833	0.00	0.06	3.325	O	|	|	|	2.77
140.917	0.00	0.06	3.325	O	|	|	|	2.77
141.000	0.00	0.06	3.324	O	|	|	|	2.77
141.083	0.00	0.06	3.324	O	|	|	|	2.77
141.167	0.00	0.06	3.324	O	|	|	|	2.77
141.250	0.00	0.06	3.323	O	|	|	|	2.77
141.333	0.00	0.06	3.323	O	|	|	|	2.77
141.417	0.00	0.06	3.322	O	|	|	|	2.77
141.500	0.00	0.06	3.322	O	|	|	|	2.77
141.583	0.00	0.06	3.322	O	|	|	|	2.77
141.667	0.00	0.06	3.321	O	|	|	|	2.77
141.750	0.00	0.06	3.321	O	|	|	|	2.77
141.833	0.00	0.06	3.320	O	|	|	|	2.77
141.917	0.00	0.06	3.320	O	|	|	|	2.77
142.000	0.00	0.06	3.320	O	|	|	|	2.77
142.083	0.00	0.06	3.319	O	|	|	|	2.77
142.167	0.00	0.06	3.319	O	|	|	|	2.77
142.250	0.00	0.06	3.318	O	|	|	|	2.77
142.333	0.00	0.06	3.318	O	|	|	|	2.77
142.417	0.00	0.06	3.318	O	|	|	|	2.76
142.500	0.00	0.06	3.317	O	|	|	|	2.76
142.583	0.00	0.06	3.317	O	|	|	|	2.76
142.667	0.00	0.06	3.316	O	|	|	|	2.76
142.750	0.00	0.06	3.316	O	|	|	|	2.76
142.833	0.00	0.06	3.316	O	|	|	|	2.76
142.917	0.00	0.06	3.315	O	|	|	|	2.76
143.000	0.00	0.06	3.315	O	|	|	|	2.76
143.083	0.00	0.06	3.314	O	|	|	|	2.76
143.167	0.00	0.06	3.314	O	|	|	|	2.76
143.250	0.00	0.06	3.314	O	|	|	|	2.76
143.333	0.00	0.06	3.313	O	|	|	|	2.76
143.417	0.00	0.06	3.313	O	|	|	|	2.76
143.500	0.00	0.06	3.312	O	|	|	|	2.76
143.583	0.00	0.06	3.312	O	|	|	|	2.76
143.667	0.00	0.06	3.312	O	|	|	|	2.76
143.750	0.00	0.06	3.311	O	|	|	|	2.76
143.833	0.00	0.06	3.311	O	|	|	|	2.76

143.917	0.00	0.06	3.311	O				2.76
144.000	0.00	0.06	3.310	O				2.76
144.083	0.00	0.06	3.310	O				2.76
144.167	0.00	0.06	3.309	O				2.76
144.250	0.00	0.06	3.309	O				2.76
144.333	0.00	0.06	3.309	O				2.76
144.417	0.00	0.06	3.308	O				2.76
144.500	0.00	0.06	3.308	O				2.76
144.583	0.00	0.06	3.307	O				2.76
144.667	0.00	0.06	3.307	O				2.76
144.750	0.00	0.06	3.307	O				2.76
144.833	0.00	0.06	3.306	O				2.76
144.917	0.00	0.06	3.306	O				2.75
145.000	0.00	0.06	3.306	O				2.75
145.083	0.00	0.06	3.305	O				2.75
145.167	0.00	0.06	3.305	O				2.75
145.250	0.00	0.06	3.304	O				2.75
145.333	0.00	0.06	3.304	O				2.75
145.417	0.00	0.06	3.304	O				2.75
145.500	0.00	0.06	3.303	O				2.75
145.583	0.00	0.06	3.303	O				2.75
145.667	0.00	0.06	3.302	O				2.75
145.750	0.00	0.06	3.302	O				2.75
145.833	0.00	0.06	3.302	O				2.75
145.917	0.00	0.06	3.301	O				2.75
146.000	0.00	0.06	3.301	O				2.75
146.083	0.00	0.06	3.301	O				2.75
146.167	0.00	0.06	3.300	O				2.75
146.250	0.00	0.05	3.300	O				2.75
146.333	0.00	0.05	3.299	O				2.75
146.417	0.00	0.05	3.299	O				2.75
146.500	0.00	0.05	3.299	O				2.75
146.583	0.00	0.05	3.298	O				2.75
146.667	0.00	0.05	3.298	O				2.75
146.750	0.00	0.05	3.298	O				2.75
146.833	0.00	0.05	3.297	O				2.75
146.917	0.00	0.05	3.297	O				2.75
147.000	0.00	0.05	3.296	O				2.75
147.083	0.00	0.05	3.296	O				2.75
147.167	0.00	0.05	3.296	O				2.75
147.250	0.00	0.05	3.295	O				2.75
147.333	0.00	0.05	3.295	O				2.75
147.417	0.00	0.05	3.295	O				2.75
147.500	0.00	0.05	3.294	O				2.75
147.583	0.00	0.05	3.294	O				2.74
147.667	0.00	0.05	3.293	O				2.74
147.750	0.00	0.05	3.293	O				2.74
147.833	0.00	0.05	3.293	O				2.74
147.917	0.00	0.05	3.292	O				2.74
148.000	0.00	0.05	3.292	O				2.74

148.083	0.00	0.05	3.292	O				2.74
148.167	0.00	0.05	3.291	O				2.74
148.250	0.00	0.05	3.291	O				2.74
148.333	0.00	0.05	3.290	O				2.74
148.417	0.00	0.05	3.290	O				2.74
148.500	0.00	0.05	3.290	O				2.74
148.583	0.00	0.05	3.289	O				2.74
148.667	0.00	0.05	3.289	O				2.74
148.750	0.00	0.05	3.289	O				2.74
148.833	0.00	0.05	3.288	O				2.74
148.917	0.00	0.05	3.288	O				2.74
149.000	0.00	0.05	3.288	O				2.74
149.083	0.00	0.05	3.287	O				2.74
149.167	0.00	0.05	3.287	O				2.74
149.250	0.00	0.05	3.286	O				2.74
149.333	0.00	0.05	3.286	O				2.74
149.417	0.00	0.05	3.286	O				2.74
149.500	0.00	0.05	3.285	O				2.74
149.583	0.00	0.05	3.285	O				2.74
149.667	0.00	0.05	3.285	O				2.74
149.750	0.00	0.05	3.284	O				2.74
149.833	0.00	0.05	3.284	O				2.74
149.917	0.00	0.05	3.284	O				2.74
150.000	0.00	0.05	3.283	O				2.74
150.083	0.00	0.05	3.283	O				2.74
150.167	0.00	0.05	3.282	O				2.74
150.250	0.00	0.05	3.282	O				2.74
150.333	0.00	0.05	3.282	O				2.73
150.417	0.00	0.05	3.281	O				2.73
150.500	0.00	0.05	3.281	O				2.73
150.583	0.00	0.05	3.281	O				2.73
150.667	0.00	0.05	3.280	O				2.73
150.750	0.00	0.05	3.280	O				2.73
150.833	0.00	0.05	3.280	O				2.73
150.917	0.00	0.05	3.279	O				2.73
151.000	0.00	0.05	3.279	O				2.73
151.083	0.00	0.05	3.278	O				2.73
151.167	0.00	0.05	3.278	O				2.73
151.250	0.00	0.05	3.278	O				2.73
151.333	0.00	0.05	3.277	O				2.73
151.417	0.00	0.05	3.277	O				2.73
151.500	0.00	0.05	3.277	O				2.73
151.583	0.00	0.05	3.276	O				2.73
151.667	0.00	0.05	3.276	O				2.73
151.750	0.00	0.05	3.276	O				2.73
151.833	0.00	0.05	3.275	O				2.73
151.917	0.00	0.05	3.275	O				2.73
152.000	0.00	0.05	3.275	O				2.73
152.083	0.00	0.05	3.274	O				2.73
152.167	0.00	0.05	3.274	O				2.73

152.250	0.00	0.05	3.274	O				2.73
152.333	0.00	0.05	3.273	O				2.73
152.417	0.00	0.05	3.273	O				2.73
152.500	0.00	0.05	3.272	O				2.73
152.583	0.00	0.05	3.272	O				2.73
152.667	0.00	0.05	3.272	O				2.73
152.750	0.00	0.05	3.271	O				2.73
152.833	0.00	0.05	3.271	O				2.73
152.917	0.00	0.05	3.271	O				2.73
153.000	0.00	0.05	3.270	O				2.73
153.083	0.00	0.05	3.270	O				2.73
153.167	0.00	0.05	3.270	O				2.72
153.250	0.00	0.05	3.269	O				2.72
153.333	0.00	0.05	3.269	O				2.72
153.417	0.00	0.05	3.269	O				2.72
153.500	0.00	0.05	3.268	O				2.72
153.583	0.00	0.05	3.268	O				2.72
153.667	0.00	0.05	3.268	O				2.72
153.750	0.00	0.05	3.267	O				2.72
153.833	0.00	0.05	3.267	O				2.72
153.917	0.00	0.05	3.267	O				2.72
154.000	0.00	0.05	3.266	O				2.72
154.083	0.00	0.05	3.266	O				2.72
154.167	0.00	0.05	3.266	O				2.72
154.250	0.00	0.05	3.265	O				2.72
154.333	0.00	0.05	3.265	O				2.72
154.417	0.00	0.05	3.265	O				2.72
154.500	0.00	0.05	3.264	O				2.72
154.583	0.00	0.05	3.264	O				2.72
154.667	0.00	0.05	3.263	O				2.72
154.750	0.00	0.05	3.263	O				2.72
154.833	0.00	0.05	3.263	O				2.72
154.917	0.00	0.05	3.262	O				2.72
155.000	0.00	0.05	3.262	O				2.72
155.083	0.00	0.05	3.262	O				2.72
155.167	0.00	0.05	3.261	O				2.72
155.250	0.00	0.05	3.261	O				2.72
155.333	0.00	0.05	3.261	O				2.72
155.417	0.00	0.05	3.260	O				2.72
155.500	0.00	0.05	3.260	O				2.72
155.583	0.00	0.05	3.260	O				2.72
155.667	0.00	0.05	3.259	O				2.72
155.750	0.00	0.05	3.259	O				2.72
155.833	0.00	0.05	3.259	O				2.72
155.917	0.00	0.05	3.258	O				2.72
156.000	0.00	0.05	3.258	O				2.72
156.083	0.00	0.05	3.258	O				2.71
156.167	0.00	0.05	3.257	O				2.71
156.250	0.00	0.05	3.257	O				2.71
156.333	0.00	0.05	3.257	O				2.71

156.417	0.00	0.05	3.256	O				2.71
156.500	0.00	0.05	3.256	O				2.71
156.583	0.00	0.05	3.256	O				2.71
156.667	0.00	0.05	3.255	O				2.71
156.750	0.00	0.05	3.255	O				2.71
156.833	0.00	0.05	3.255	O				2.71
156.917	0.00	0.05	3.254	O				2.71
157.000	0.00	0.05	3.254	O				2.71
157.083	0.00	0.05	3.254	O				2.71
157.167	0.00	0.05	3.253	O				2.71
157.250	0.00	0.05	3.253	O				2.71
157.333	0.00	0.05	3.253	O				2.71
157.417	0.00	0.05	3.252	O				2.71
157.500	0.00	0.05	3.252	O				2.71
157.583	0.00	0.05	3.252	O				2.71
157.667	0.00	0.05	3.251	O				2.71
157.750	0.00	0.05	3.251	O				2.71
157.833	0.00	0.05	3.251	O				2.71
157.917	0.00	0.05	3.250	O				2.71
158.000	0.00	0.05	3.250	O				2.71
158.083	0.00	0.05	3.250	O				2.71
158.167	0.00	0.05	3.249	O				2.71
158.250	0.00	0.05	3.249	O				2.71
158.333	0.00	0.05	3.249	O				2.71
158.417	0.00	0.05	3.248	O				2.71
158.500	0.00	0.05	3.248	O				2.71
158.583	0.00	0.05	3.248	O				2.71
158.667	0.00	0.05	3.248	O				2.71
158.750	0.00	0.05	3.247	O				2.71
158.833	0.00	0.05	3.247	O				2.71
158.917	0.00	0.05	3.247	O				2.71
159.000	0.00	0.05	3.246	O				2.71
159.083	0.00	0.05	3.246	O				2.70
159.167	0.00	0.05	3.246	O				2.70
159.250	0.00	0.05	3.245	O				2.70
159.333	0.00	0.05	3.245	O				2.70
159.417	0.00	0.05	3.245	O				2.70
159.500	0.00	0.05	3.244	O				2.70
159.583	0.00	0.05	3.244	O				2.70
159.667	0.00	0.05	3.244	O				2.70
159.750	0.00	0.05	3.243	O				2.70
159.833	0.00	0.05	3.243	O				2.70
159.917	0.00	0.05	3.243	O				2.70
160.000	0.00	0.05	3.242	O				2.70
160.083	0.00	0.05	3.242	O				2.70
160.167	0.00	0.05	3.242	O				2.70
160.250	0.00	0.05	3.241	O				2.70
160.333	0.00	0.05	3.241	O				2.70
160.417	0.00	0.05	3.241	O				2.70
160.500	0.00	0.05	3.240	O				2.70

160.583	0.00	0.05	3.240	O				2.70
160.667	0.00	0.05	3.240	O				2.70
160.750	0.00	0.05	3.239	O				2.70
160.833	0.00	0.05	3.239	O				2.70
160.917	0.00	0.05	3.239	O				2.70
161.000	0.00	0.05	3.239	O				2.70
161.083	0.00	0.05	3.238	O				2.70
161.167	0.00	0.05	3.238	O				2.70
161.250	0.00	0.05	3.238	O				2.70
161.333	0.00	0.05	3.237	O				2.70
161.417	0.00	0.05	3.237	O				2.70
161.500	0.00	0.05	3.237	O				2.70
161.583	0.00	0.05	3.236	O				2.70
161.667	0.00	0.05	3.236	O				2.70
161.750	0.00	0.05	3.236	O				2.70
161.833	0.00	0.05	3.235	O				2.70
161.917	0.00	0.05	3.235	O				2.70
162.000	0.00	0.05	3.235	O				2.70
162.083	0.00	0.05	3.234	O				2.70
162.167	0.00	0.05	3.234	O				2.70
162.250	0.00	0.05	3.234	O				2.69
162.333	0.00	0.05	3.234	O				2.69
162.417	0.00	0.04	3.233	O				2.69
162.500	0.00	0.04	3.233	O				2.69
162.583	0.00	0.04	3.233	O				2.69
162.667	0.00	0.04	3.232	O				2.69
162.750	0.00	0.04	3.232	O				2.69
162.833	0.00	0.04	3.232	O				2.69
162.917	0.00	0.04	3.231	O				2.69
163.000	0.00	0.04	3.231	O				2.69
163.083	0.00	0.04	3.231	O				2.69
163.167	0.00	0.04	3.230	O				2.69
163.250	0.00	0.04	3.230	O				2.69
163.333	0.00	0.04	3.230	O				2.69
163.417	0.00	0.04	3.230	O				2.69
163.500	0.00	0.04	3.229	O				2.69
163.583	0.00	0.04	3.229	O				2.69
163.667	0.00	0.04	3.229	O				2.69
163.750	0.00	0.04	3.228	O				2.69
163.833	0.00	0.04	3.228	O				2.69
163.917	0.00	0.04	3.228	O				2.69
164.000	0.00	0.04	3.227	O				2.69
164.083	0.00	0.04	3.227	O				2.69
164.167	0.00	0.04	3.227	O				2.69
164.250	0.00	0.04	3.226	O				2.69
164.333	0.00	0.04	3.226	O				2.69
164.417	0.00	0.04	3.226	O				2.69
164.500	0.00	0.04	3.226	O				2.69
164.583	0.00	0.04	3.225	O				2.69
164.667	0.00	0.04	3.225	O				2.69

164.750	0.00	0.04	3.225	O				2.69
164.833	0.00	0.04	3.224	O				2.69
164.917	0.00	0.04	3.224	O				2.69
165.000	0.00	0.04	3.224	O				2.69
165.083	0.00	0.04	3.223	O				2.69
165.167	0.00	0.04	3.223	O				2.69
165.250	0.00	0.04	3.223	O				2.69
165.333	0.00	0.04	3.223	O				2.69
165.417	0.00	0.04	3.222	O				2.69
165.500	0.00	0.04	3.222	O				2.68
165.583	0.00	0.04	3.222	O				2.68
165.667	0.00	0.04	3.221	O				2.68
165.750	0.00	0.04	3.221	O				2.68
165.833	0.00	0.04	3.221	O				2.68
165.917	0.00	0.04	3.221	O				2.68
166.000	0.00	0.04	3.220	O				2.68
166.083	0.00	0.04	3.220	O				2.68
166.167	0.00	0.04	3.220	O				2.68
166.250	0.00	0.04	3.219	O				2.68
166.333	0.00	0.04	3.219	O				2.68
166.417	0.00	0.04	3.219	O				2.68
166.500	0.00	0.04	3.218	O				2.68
166.583	0.00	0.04	3.218	O				2.68
166.667	0.00	0.04	3.218	O				2.68
166.750	0.00	0.04	3.218	O				2.68
166.833	0.00	0.04	3.217	O				2.68
166.917	0.00	0.04	3.217	O				2.68
167.000	0.00	0.04	3.217	O				2.68
167.083	0.00	0.04	3.216	O				2.68
167.167	0.00	0.04	3.216	O				2.68
167.250	0.00	0.04	3.216	O				2.68
167.333	0.00	0.04	3.216	O				2.68
167.417	0.00	0.04	3.215	O				2.68
167.500	0.00	0.04	3.215	O				2.68
167.583	0.00	0.04	3.215	O				2.68
167.667	0.00	0.04	3.214	O				2.68
167.750	0.00	0.04	3.214	O				2.68
167.833	0.00	0.04	3.214	O				2.68
167.917	0.00	0.04	3.213	O				2.68
168.000	0.00	0.04	3.213	O				2.68
168.083	0.00	0.04	3.213	O				2.68
168.167	0.00	0.04	3.213	O				2.68
168.250	0.00	0.04	3.212	O				2.68
168.333	0.00	0.04	3.212	O				2.68
168.417	0.00	0.04	3.212	O				2.68
168.500	0.00	0.04	3.211	O				2.68
168.583	0.00	0.04	3.211	O				2.68
168.667	0.00	0.04	3.211	O				2.68
168.750	0.00	0.04	3.211	O				2.68
168.833	0.00	0.04	3.210	O				2.68

168.917	0.00	0.04	3.210	O				2.68
169.000	0.00	0.04	3.210	O				2.67
169.083	0.00	0.04	3.209	O				2.67
169.167	0.00	0.04	3.209	O				2.67
169.250	0.00	0.04	3.209	O				2.67
169.333	0.00	0.04	3.209	O				2.67
169.417	0.00	0.04	3.208	O				2.67
169.500	0.00	0.04	3.208	O				2.67
169.583	0.00	0.04	3.208	O				2.67
169.667	0.00	0.04	3.207	O				2.67
169.750	0.00	0.04	3.207	O				2.67
169.833	0.00	0.04	3.207	O				2.67
169.917	0.00	0.04	3.207	O				2.67
170.000	0.00	0.04	3.206	O				2.67
170.083	0.00	0.04	3.206	O				2.67
170.167	0.00	0.04	3.206	O				2.67
170.250	0.00	0.04	3.205	O				2.67
170.333	0.00	0.04	3.205	O				2.67
170.417	0.00	0.04	3.205	O				2.67
170.500	0.00	0.04	3.205	O				2.67
170.583	0.00	0.04	3.204	O				2.67
170.667	0.00	0.04	3.204	O				2.67
170.750	0.00	0.04	3.204	O				2.67
170.833	0.00	0.04	3.204	O				2.67
170.917	0.00	0.04	3.203	O				2.67
171.000	0.00	0.04	3.203	O				2.67
171.083	0.00	0.04	3.203	O				2.67
171.167	0.00	0.04	3.202	O				2.67
171.250	0.00	0.04	3.202	O				2.67
171.333	0.00	0.04	3.202	O				2.67
171.417	0.00	0.04	3.202	O				2.67
171.500	0.00	0.04	3.201	O				2.67
171.583	0.00	0.04	3.201	O				2.67
171.667	0.00	0.04	3.201	O				2.67
171.750	0.00	0.04	3.200	O				2.67
171.833	0.00	0.04	3.200	O				2.67
171.917	0.00	0.04	3.200	O				2.67
172.000	0.00	0.04	3.200	O				2.67
172.083	0.00	0.04	3.199	O				2.67
172.167	0.00	0.04	3.199	O				2.67
172.250	0.00	0.04	3.199	O				2.67
172.333	0.00	0.04	3.199	O				2.67
172.417	0.00	0.04	3.198	O				2.67
172.500	0.00	0.04	3.198	O				2.66
172.583	0.00	0.04	3.198	O				2.66
172.667	0.00	0.04	3.197	O				2.66
172.750	0.00	0.04	3.197	O				2.66
172.833	0.00	0.04	3.197	O				2.66
172.917	0.00	0.04	3.197	O				2.66
173.000	0.00	0.04	3.196	O				2.66

173.083	0.00	0.04	3.196	O				2.66
173.167	0.00	0.04	3.196	O				2.66
173.250	0.00	0.04	3.196	O				2.66
173.333	0.00	0.04	3.195	O				2.66
173.417	0.00	0.04	3.195	O				2.66
173.500	0.00	0.04	3.195	O				2.66
173.583	0.00	0.04	3.194	O				2.66
173.667	0.00	0.04	3.194	O				2.66
173.750	0.00	0.04	3.194	O				2.66
173.833	0.00	0.04	3.194	O				2.66
173.917	0.00	0.04	3.193	O				2.66
174.000	0.00	0.04	3.193	O				2.66
174.083	0.00	0.04	3.193	O				2.66
174.167	0.00	0.04	3.193	O				2.66
174.250	0.00	0.04	3.192	O				2.66
174.333	0.00	0.04	3.192	O				2.66
174.417	0.00	0.04	3.192	O				2.66
174.500	0.00	0.04	3.192	O				2.66
174.583	0.00	0.04	3.191	O				2.66
174.667	0.00	0.04	3.191	O				2.66
174.750	0.00	0.04	3.191	O				2.66
174.833	0.00	0.04	3.190	O				2.66
174.917	0.00	0.04	3.190	O				2.66
175.000	0.00	0.04	3.190	O				2.66
175.083	0.00	0.04	3.190	O				2.66
175.167	0.00	0.04	3.189	O				2.66
175.250	0.00	0.04	3.189	O				2.66
175.333	0.00	0.04	3.189	O				2.66
175.417	0.00	0.04	3.189	O				2.66
175.500	0.00	0.04	3.188	O				2.66
175.583	0.00	0.04	3.188	O				2.66
175.667	0.00	0.04	3.188	O				2.66
175.750	0.00	0.04	3.188	O				2.66
175.833	0.00	0.04	3.187	O				2.66
175.917	0.00	0.04	3.187	O				2.66
176.000	0.00	0.04	3.187	O				2.66
176.083	0.00	0.04	3.186	O				2.66
176.167	0.00	0.04	3.186	O				2.66
176.250	0.00	0.04	3.186	O				2.65
176.333	0.00	0.04	3.186	O				2.65
176.417	0.00	0.04	3.185	O				2.65
176.500	0.00	0.04	3.185	O				2.65
176.583	0.00	0.04	3.185	O				2.65
176.667	0.00	0.04	3.185	O				2.65
176.750	0.00	0.04	3.184	O				2.65
176.833	0.00	0.04	3.184	O				2.65
176.917	0.00	0.04	3.184	O				2.65
177.000	0.00	0.04	3.184	O				2.65
177.083	0.00	0.04	3.183	O				2.65
177.167	0.00	0.04	3.183	O				2.65

177.250	0.00	0.04	3.183	O				2.65
177.333	0.00	0.04	3.183	O				2.65
177.417	0.00	0.04	3.182	O				2.65
177.500	0.00	0.04	3.182	O				2.65
177.583	0.00	0.04	3.182	O				2.65
177.667	0.00	0.04	3.182	O				2.65
177.750	0.00	0.04	3.181	O				2.65
177.833	0.00	0.04	3.181	O				2.65
177.917	0.00	0.04	3.181	O				2.65
178.000	0.00	0.04	3.181	O				2.65
178.083	0.00	0.04	3.180	O				2.65
178.167	0.00	0.04	3.180	O				2.65
178.250	0.00	0.04	3.180	O				2.65
178.333	0.00	0.04	3.180	O				2.65
178.417	0.00	0.04	3.179	O				2.65
178.500	0.00	0.04	3.179	O				2.65
178.583	0.00	0.04	3.179	O				2.65
178.667	0.00	0.04	3.179	O				2.65
178.750	0.00	0.04	3.178	O				2.65
178.833	0.00	0.04	3.178	O				2.65
178.917	0.00	0.04	3.178	O				2.65
179.000	0.00	0.04	3.178	O				2.65
179.083	0.00	0.04	3.177	O				2.65
179.167	0.00	0.04	3.177	O				2.65
179.250	0.00	0.04	3.177	O				2.65
179.333	0.00	0.04	3.177	O				2.65
179.417	0.00	0.04	3.176	O				2.65
179.500	0.00	0.04	3.176	O				2.65
179.583	0.00	0.04	3.176	O				2.65
179.667	0.00	0.04	3.175	O				2.65
179.750	0.00	0.04	3.175	O				2.65
179.833	0.00	0.04	3.175	O				2.65
179.917	0.00	0.04	3.175	O				2.65
180.000	0.00	0.04	3.175	O				2.65
180.083	0.00	0.04	3.174	O				2.65
180.167	0.00	0.04	3.174	O				2.65
180.250	0.00	0.04	3.174	O				2.64
180.333	0.00	0.04	3.174	O				2.64
180.417	0.00	0.04	3.173	O				2.64
180.500	0.00	0.04	3.173	O				2.64
180.583	0.00	0.04	3.173	O				2.64
180.667	0.00	0.04	3.173	O				2.64
180.750	0.00	0.04	3.172	O				2.64
180.833	0.00	0.04	3.172	O				2.64
180.917	0.00	0.04	3.172	O				2.64
181.000	0.00	0.04	3.172	O				2.64
181.083	0.00	0.04	3.171	O				2.64
181.167	0.00	0.04	3.171	O				2.64
181.250	0.00	0.04	3.171	O				2.64
181.333	0.00	0.04	3.171	O				2.64

181.417	0.00	0.04	3.170	O				2.64
181.500	0.00	0.04	3.170	O				2.64
181.583	0.00	0.04	3.170	O				2.64
181.667	0.00	0.04	3.170	O				2.64
181.750	0.00	0.04	3.169	O				2.64
181.833	0.00	0.04	3.169	O				2.64
181.917	0.00	0.04	3.169	O				2.64
182.000	0.00	0.04	3.169	O				2.64
182.083	0.00	0.04	3.168	O				2.64
182.167	0.00	0.04	3.168	O				2.64
182.250	0.00	0.04	3.168	O				2.64
182.333	0.00	0.04	3.168	O				2.64
182.417	0.00	0.04	3.167	O				2.64
182.500	0.00	0.04	3.167	O				2.64
182.583	0.00	0.04	3.167	O				2.64
182.667	0.00	0.03	3.167	O				2.64
182.750	0.00	0.03	3.166	O				2.64
182.833	0.00	0.03	3.166	O				2.64
182.917	0.00	0.03	3.166	O				2.64
183.000	0.00	0.03	3.166	O				2.64
183.083	0.00	0.03	3.165	O				2.64
183.167	0.00	0.03	3.165	O				2.64
183.250	0.00	0.03	3.165	O				2.64
183.333	0.00	0.03	3.165	O				2.64
183.417	0.00	0.03	3.164	O				2.64
183.500	0.00	0.03	3.164	O				2.64
183.583	0.00	0.03	3.164	O				2.64
183.667	0.00	0.03	3.164	O				2.64
183.750	0.00	0.03	3.164	O				2.64
183.833	0.00	0.03	3.163	O				2.64
183.917	0.00	0.03	3.163	O				2.64
184.000	0.00	0.03	3.163	O				2.64
184.083	0.00	0.03	3.163	O				2.64
184.167	0.00	0.03	3.162	O				2.64
184.250	0.00	0.03	3.162	O				2.64
184.333	0.00	0.03	3.162	O				2.63
184.417	0.00	0.03	3.162	O				2.63
184.500	0.00	0.03	3.161	O				2.63
184.583	0.00	0.03	3.161	O				2.63
184.667	0.00	0.03	3.161	O				2.63
184.750	0.00	0.03	3.161	O				2.63
184.833	0.00	0.03	3.160	O				2.63
184.917	0.00	0.03	3.160	O				2.63
185.000	0.00	0.03	3.160	O				2.63
185.083	0.00	0.03	3.160	O				2.63
185.167	0.00	0.03	3.160	O				2.63
185.250	0.00	0.03	3.159	O				2.63
185.333	0.00	0.03	3.159	O				2.63
185.417	0.00	0.03	3.159	O				2.63
185.500	0.00	0.03	3.159	O				2.63

185.583	0.00	0.03	3.158	O				2.63
185.667	0.00	0.03	3.158	O				2.63
185.750	0.00	0.03	3.158	O				2.63
185.833	0.00	0.03	3.158	O				2.63
185.917	0.00	0.03	3.157	O				2.63
186.000	0.00	0.03	3.157	O				2.63
186.083	0.00	0.03	3.157	O				2.63
186.167	0.00	0.03	3.157	O				2.63
186.250	0.00	0.03	3.157	O				2.63
186.333	0.00	0.03	3.156	O				2.63
186.417	0.00	0.03	3.156	O				2.63
186.500	0.00	0.03	3.156	O				2.63
186.583	0.00	0.03	3.156	O				2.63
186.667	0.00	0.03	3.155	O				2.63
186.750	0.00	0.03	3.155	O				2.63
186.833	0.00	0.03	3.155	O				2.63
186.917	0.00	0.03	3.155	O				2.63
187.000	0.00	0.03	3.154	O				2.63
187.083	0.00	0.03	3.154	O				2.63
187.167	0.00	0.03	3.154	O				2.63
187.250	0.00	0.03	3.154	O				2.63
187.333	0.00	0.03	3.154	O				2.63
187.417	0.00	0.03	3.153	O				2.63
187.500	0.00	0.03	3.153	O				2.63
187.583	0.00	0.03	3.153	O				2.63
187.667	0.00	0.03	3.153	O				2.63
187.750	0.00	0.03	3.152	O				2.63
187.833	0.00	0.03	3.152	O				2.63
187.917	0.00	0.03	3.152	O				2.63
188.000	0.00	0.03	3.152	O				2.63
188.083	0.00	0.03	3.152	O				2.63
188.167	0.00	0.03	3.151	O				2.63
188.250	0.00	0.03	3.151	O				2.63
188.333	0.00	0.03	3.151	O				2.63
188.417	0.00	0.03	3.151	O				2.63
188.500	0.00	0.03	3.150	O				2.63
188.583	0.00	0.03	3.150	O				2.63
188.667	0.00	0.03	3.150	O				2.62
188.750	0.00	0.03	3.150	O				2.62
188.833	0.00	0.03	3.149	O				2.62
188.917	0.00	0.03	3.149	O				2.62
189.000	0.00	0.03	3.149	O				2.62
189.083	0.00	0.03	3.149	O				2.62
189.167	0.00	0.03	3.149	O				2.62
189.250	0.00	0.03	3.148	O				2.62
189.333	0.00	0.03	3.148	O				2.62
189.417	0.00	0.03	3.148	O				2.62
189.500	0.00	0.03	3.148	O				2.62
189.583	0.00	0.03	3.147	O				2.62
189.667	0.00	0.03	3.147	O				2.62

189.750	0.00	0.03	3.147	O				2.62
189.833	0.00	0.03	3.147	O				2.62
189.917	0.00	0.03	3.147	O				2.62
190.000	0.00	0.03	3.146	O				2.62
190.083	0.00	0.03	3.146	O				2.62
190.167	0.00	0.03	3.146	O				2.62
190.250	0.00	0.03	3.146	O				2.62
190.333	0.00	0.03	3.146	O				2.62
190.417	0.00	0.03	3.145	O				2.62
190.500	0.00	0.03	3.145	O				2.62
190.583	0.00	0.03	3.145	O				2.62
190.667	0.00	0.03	3.145	O				2.62
190.750	0.00	0.03	3.144	O				2.62
190.833	0.00	0.03	3.144	O				2.62
190.917	0.00	0.03	3.144	O				2.62
191.000	0.00	0.03	3.144	O				2.62
191.083	0.00	0.03	3.144	O				2.62
191.167	0.00	0.03	3.143	O				2.62
191.250	0.00	0.03	3.143	O				2.62
191.333	0.00	0.03	3.143	O				2.62
191.417	0.00	0.03	3.143	O				2.62
191.500	0.00	0.03	3.142	O				2.62
191.583	0.00	0.03	3.142	O				2.62
191.667	0.00	0.03	3.142	O				2.62
191.750	0.00	0.03	3.142	O				2.62
191.833	0.00	0.03	3.142	O				2.62
191.917	0.00	0.03	3.141	O				2.62
192.000	0.00	0.03	3.141	O				2.62
192.083	0.00	0.03	3.141	O				2.62
192.167	0.00	0.03	3.141	O				2.62
192.250	0.00	0.03	3.141	O				2.62
192.333	0.00	0.03	3.140	O				2.62
192.417	0.00	0.03	3.140	O				2.62
192.500	0.00	0.03	3.140	O				2.62
192.583	0.00	0.03	3.140	O				2.62
192.667	0.00	0.03	3.139	O				2.62
192.750	0.00	0.03	3.139	O				2.62
192.833	0.00	0.03	3.139	O				2.62
192.917	0.00	0.03	3.139	O				2.62
193.000	0.00	0.03	3.139	O				2.62
193.083	0.00	0.03	3.138	O				2.62
193.167	0.00	0.03	3.138	O				2.62
193.250	0.00	0.03	3.138	O				2.61
193.333	0.00	0.03	3.138	O				2.61
193.417	0.00	0.03	3.138	O				2.61
193.500	0.00	0.03	3.137	O				2.61
193.583	0.00	0.03	3.137	O				2.61
193.667	0.00	0.03	3.137	O				2.61
193.750	0.00	0.03	3.137	O				2.61
193.833	0.00	0.03	3.136	O				2.61

193.917	0.00	0.03	3.136	O					2.61
194.000	0.00	0.03	3.136	O					2.61
194.083	0.00	0.03	3.136	O					2.61
194.167	0.00	0.03	3.136	O					2.61
194.250	0.00	0.03	3.135	O					2.61
194.333	0.00	0.03	3.135	O					2.61
194.417	0.00	0.03	3.135	O					2.61
194.500	0.00	0.03	3.135	O					2.61
194.583	0.00	0.03	3.135	O					2.61
194.667	0.00	0.03	3.134	O					2.61
194.750	0.00	0.03	3.134	O					2.61
194.833	0.00	0.03	3.134	O					2.61
194.917	0.00	0.03	3.134	O					2.61
195.000	0.00	0.03	3.134	O					2.61
195.083	0.00	0.03	3.133	O					2.61
195.167	0.00	0.03	3.133	O					2.61
195.250	0.00	0.03	3.133	O					2.61
195.333	0.00	0.03	3.133	O					2.61
195.417	0.00	0.03	3.133	O					2.61
195.500	0.00	0.03	3.132	O					2.61
195.583	0.00	0.03	3.132	O					2.61
195.667	0.00	0.03	3.132	O					2.61
195.750	0.00	0.03	3.132	O					2.61
195.833	0.00	0.03	3.132	O					2.61
195.917	0.00	0.03	3.131	O					2.61
196.000	0.00	0.03	3.131	O					2.61
196.083	0.00	0.03	3.131	O					2.61
196.167	0.00	0.03	3.131	O					2.61
196.250	0.00	0.03	3.130	O					2.61
196.333	0.00	0.03	3.130	O					2.61
196.417	0.00	0.03	3.130	O					2.61
196.500	0.00	0.03	3.130	O					2.61
196.583	0.00	0.03	3.130	O					2.61
196.667	0.00	0.03	3.129	O					2.61
196.750	0.00	0.03	3.129	O					2.61
196.833	0.00	0.03	3.129	O					2.61
196.917	0.00	0.03	3.129	O					2.61
197.000	0.00	0.03	3.129	O					2.61
197.083	0.00	0.03	3.128	O					2.61
197.167	0.00	0.03	3.128	O					2.61
197.250	0.00	0.03	3.128	O					2.61
197.333	0.00	0.03	3.128	O					2.61
197.417	0.00	0.03	3.128	O					2.61
197.500	0.00	0.03	3.127	O					2.61
197.583	0.00	0.03	3.127	O					2.61
197.667	0.00	0.03	3.127	O					2.61
197.750	0.00	0.03	3.127	O					2.61
197.833	0.00	0.03	3.127	O					2.61
197.917	0.00	0.03	3.126	O					2.61
198.000	0.00	0.03	3.126	O					2.61

198.083	0.00	0.03	3.126	O				2.61
198.167	0.00	0.03	3.126	O				2.60
198.250	0.00	0.03	3.126	O				2.60
198.333	0.00	0.03	3.125	O				2.60
198.417	0.00	0.03	3.125	O				2.60
198.500	0.00	0.03	3.125	O				2.60
198.583	0.00	0.03	3.125	O				2.60
198.667	0.00	0.03	3.125	O				2.60
198.750	0.00	0.03	3.124	O				2.60
198.833	0.00	0.03	3.124	O				2.60
198.917	0.00	0.03	3.124	O				2.60
199.000	0.00	0.03	3.124	O				2.60
199.083	0.00	0.03	3.124	O				2.60
199.167	0.00	0.03	3.123	O				2.60
199.250	0.00	0.03	3.123	O				2.60
199.333	0.00	0.03	3.123	O				2.60
199.417	0.00	0.03	3.123	O				2.60
199.500	0.00	0.03	3.123	O				2.60
199.583	0.00	0.03	3.123	O				2.60
199.667	0.00	0.03	3.122	O				2.60
199.750	0.00	0.03	3.122	O				2.60
199.833	0.00	0.03	3.122	O				2.60
199.917	0.00	0.03	3.122	O				2.60
200.000	0.00	0.03	3.122	O				2.60
200.083	0.00	0.03	3.121	O				2.60
200.167	0.00	0.03	3.121	O				2.60
200.250	0.00	0.03	3.121	O				2.60
200.333	0.00	0.03	3.121	O				2.60
200.417	0.00	0.03	3.121	O				2.60
200.500	0.00	0.03	3.120	O				2.60
200.583	0.00	0.03	3.120	O				2.60
200.667	0.00	0.03	3.120	O				2.60
200.750	0.00	0.03	3.120	O				2.60
200.833	0.00	0.03	3.120	O				2.60
200.917	0.00	0.03	3.119	O				2.60
201.000	0.00	0.03	3.119	O				2.60
201.083	0.00	0.03	3.119	O				2.60
201.167	0.00	0.03	3.119	O				2.60
201.250	0.00	0.03	3.119	O				2.60
201.333	0.00	0.03	3.118	O				2.60
201.417	0.00	0.03	3.118	O				2.60
201.500	0.00	0.03	3.118	O				2.60
201.583	0.00	0.03	3.118	O				2.60
201.667	0.00	0.03	3.118	O				2.60
201.750	0.00	0.03	3.118	O				2.60
201.833	0.00	0.03	3.117	O				2.60
201.917	0.00	0.03	3.117	O				2.60
202.000	0.00	0.03	3.117	O				2.60
202.083	0.00	0.03	3.117	O				2.60
202.167	0.00	0.03	3.117	O				2.60

202.250	0.00	0.03	3.116	O				2.60
202.333	0.00	0.03	3.116	O				2.60
202.417	0.00	0.03	3.116	O				2.60
202.500	0.00	0.03	3.116	O				2.60
202.583	0.00	0.03	3.116	O				2.60
202.667	0.00	0.03	3.115	O				2.60
202.750	0.00	0.03	3.115	O				2.60
202.833	0.00	0.03	3.115	O				2.60
202.917	0.00	0.03	3.115	O				2.60
203.000	0.00	0.03	3.115	O				2.60
203.083	0.00	0.03	3.114	O				2.60
203.167	0.00	0.03	3.114	O				2.60
203.250	0.00	0.03	3.114	O				2.60
203.333	0.00	0.03	3.114	O				2.59
203.417	0.00	0.03	3.114	O				2.59
203.500	0.00	0.03	3.114	O				2.59
203.583	0.00	0.03	3.113	O				2.59
203.667	0.00	0.03	3.113	O				2.59
203.750	0.00	0.03	3.113	O				2.59
203.833	0.00	0.03	3.113	O				2.59
203.917	0.00	0.03	3.113	O				2.59
204.000	0.00	0.03	3.112	O				2.59
204.083	0.00	0.03	3.112	O				2.59
204.167	0.00	0.03	3.112	O				2.59
204.250	0.00	0.03	3.112	O				2.59
204.333	0.00	0.03	3.112	O				2.59
204.417	0.00	0.03	3.112	O				2.59
204.500	0.00	0.03	3.111	O				2.59
204.583	0.00	0.03	3.111	O				2.59
204.667	0.00	0.03	3.111	O				2.59
204.750	0.00	0.03	3.111	O				2.59
204.833	0.00	0.03	3.111	O				2.59
204.917	0.00	0.03	3.110	O				2.59
205.000	0.00	0.03	3.110	O				2.59
205.083	0.00	0.03	3.110	O				2.59
205.167	0.00	0.03	3.110	O				2.59
205.250	0.00	0.03	3.110	O				2.59
205.333	0.00	0.03	3.110	O				2.59
205.417	0.00	0.03	3.109	O				2.59
205.500	0.00	0.03	3.109	O				2.59
205.583	0.00	0.03	3.109	O				2.59
205.667	0.00	0.03	3.109	O				2.59
205.750	0.00	0.03	3.109	O				2.59
205.833	0.00	0.03	3.108	O				2.59
205.917	0.00	0.03	3.108	O				2.59
206.000	0.00	0.03	3.108	O				2.59
206.083	0.00	0.03	3.108	O				2.59
206.167	0.00	0.03	3.108	O				2.59
206.250	0.00	0.03	3.108	O				2.59
206.333	0.00	0.03	3.107	O				2.59

206.417	0.00	0.03	3.107	O				2.59
206.500	0.00	0.03	3.107	O				2.59
206.583	0.00	0.03	3.107	O				2.59
206.667	0.00	0.03	3.107	O				2.59
206.750	0.00	0.03	3.106	O				2.59
206.833	0.00	0.03	3.106	O				2.59
206.917	0.00	0.03	3.106	O				2.59
207.000	0.00	0.03	3.106	O				2.59
207.083	0.00	0.03	3.106	O				2.59
207.167	0.00	0.03	3.106	O				2.59
207.250	0.00	0.03	3.105	O				2.59
207.333	0.00	0.03	3.105	O				2.59
207.417	0.00	0.03	3.105	O				2.59
207.500	0.00	0.03	3.105	O				2.59
207.583	0.00	0.03	3.105	O				2.59
207.667	0.00	0.03	3.104	O				2.59
207.750	0.00	0.03	3.104	O				2.59
207.833	0.00	0.03	3.104	O				2.59
207.917	0.00	0.03	3.104	O				2.59
208.000	0.00	0.03	3.104	O				2.59
208.083	0.00	0.03	3.104	O				2.59
208.167	0.00	0.03	3.103	O				2.59
208.250	0.00	0.03	3.103	O				2.59
208.333	0.00	0.03	3.103	O				2.59
208.417	0.00	0.03	3.103	O				2.59
208.500	0.00	0.03	3.103	O				2.59
208.583	0.00	0.03	3.103	O				2.59
208.667	0.00	0.03	3.102	O				2.59
208.750	0.00	0.03	3.102	O				2.59
208.833	0.00	0.03	3.102	O				2.59
208.917	0.00	0.03	3.102	O				2.58
209.000	0.00	0.03	3.102	O				2.58
209.083	0.00	0.03	3.101	O				2.58
209.167	0.00	0.03	3.101	O				2.58
209.250	0.00	0.03	3.101	O				2.58
209.333	0.00	0.03	3.101	O				2.58
209.417	0.00	0.03	3.101	O				2.58
209.500	0.00	0.03	3.101	O				2.58
209.583	0.00	0.03	3.100	O				2.58
209.667	0.00	0.03	3.100	O				2.58
209.750	0.00	0.03	3.100	O				2.58
209.833	0.00	0.02	3.100	O				2.58
209.917	0.00	0.02	3.100	O				2.58
210.000	0.00	0.02	3.100	O				2.58
210.083	0.00	0.02	3.099	O				2.58
210.167	0.00	0.02	3.099	O				2.58
210.250	0.00	0.02	3.099	O				2.58
210.333	0.00	0.02	3.099	O				2.58
210.417	0.00	0.02	3.099	O				2.58
210.500	0.00	0.02	3.099	O				2.58

210.583	0.00	0.02	3.098	O				2.58
210.667	0.00	0.02	3.098	O				2.58
210.750	0.00	0.02	3.098	O				2.58
210.833	0.00	0.02	3.098	O				2.58
210.917	0.00	0.02	3.098	O				2.58
211.000	0.00	0.02	3.098	O				2.58
211.083	0.00	0.02	3.097	O				2.58
211.167	0.00	0.02	3.097	O				2.58
211.250	0.00	0.02	3.097	O				2.58
211.333	0.00	0.02	3.097	O				2.58
211.417	0.00	0.02	3.097	O				2.58
211.500	0.00	0.02	3.097	O				2.58
211.583	0.00	0.02	3.096	O				2.58
211.667	0.00	0.02	3.096	O				2.58
211.750	0.00	0.02	3.096	O				2.58
211.833	0.00	0.02	3.096	O				2.58
211.917	0.00	0.02	3.096	O				2.58
212.000	0.00	0.02	3.096	O				2.58
212.083	0.00	0.02	3.095	O				2.58
212.167	0.00	0.02	3.095	O				2.58
212.250	0.00	0.02	3.095	O				2.58
212.333	0.00	0.02	3.095	O				2.58
212.417	0.00	0.02	3.095	O				2.58
212.500	0.00	0.02	3.095	O				2.58
212.583	0.00	0.02	3.094	O				2.58
212.667	0.00	0.02	3.094	O				2.58
212.750	0.00	0.02	3.094	O				2.58
212.833	0.00	0.02	3.094	O				2.58
212.917	0.00	0.02	3.094	O				2.58
213.000	0.00	0.02	3.094	O				2.58
213.083	0.00	0.02	3.093	O				2.58
213.167	0.00	0.02	3.093	O				2.58
213.250	0.00	0.02	3.093	O				2.58
213.333	0.00	0.02	3.093	O				2.58
213.417	0.00	0.02	3.093	O				2.58
213.500	0.00	0.02	3.093	O				2.58
213.583	0.00	0.02	3.092	O				2.58
213.667	0.00	0.02	3.092	O				2.58
213.750	0.00	0.02	3.092	O				2.58
213.833	0.00	0.02	3.092	O				2.58
213.917	0.00	0.02	3.092	O				2.58
214.000	0.00	0.02	3.092	O				2.58
214.083	0.00	0.02	3.091	O				2.58
214.167	0.00	0.02	3.091	O				2.58
214.250	0.00	0.02	3.091	O				2.58
214.333	0.00	0.02	3.091	O				2.58
214.417	0.00	0.02	3.091	O				2.58
214.500	0.00	0.02	3.091	O				2.58
214.583	0.00	0.02	3.090	O				2.58
214.667	0.00	0.02	3.090	O				2.58

214.750	0.00	0.02	3.090	O					2.58
214.833	0.00	0.02	3.090	O					2.57
214.917	0.00	0.02	3.090	O					2.57
215.000	0.00	0.02	3.090	O					2.57
215.083	0.00	0.02	3.089	O					2.57
215.167	0.00	0.02	3.089	O					2.57
215.250	0.00	0.02	3.089	O					2.57
215.333	0.00	0.02	3.089	O					2.57
215.417	0.00	0.02	3.089	O					2.57
215.500	0.00	0.02	3.089	O					2.57
215.583	0.00	0.02	3.088	O					2.57
215.667	0.00	0.02	3.088	O					2.57
215.750	0.00	0.02	3.088	O					2.57
215.833	0.00	0.02	3.088	O					2.57
215.917	0.00	0.02	3.088	O					2.57
216.000	0.00	0.02	3.088	O					2.57
216.083	0.00	0.02	3.088	O					2.57
216.167	0.00	0.02	3.087	O					2.57
216.250	0.00	0.02	3.087	O					2.57
216.333	0.00	0.02	3.087	O					2.57
216.417	0.00	0.02	3.087	O					2.57
216.500	0.00	0.02	3.087	O					2.57
216.583	0.00	0.02	3.087	O					2.57
216.667	0.00	0.02	3.086	O					2.57
216.750	0.00	0.02	3.086	O					2.57
216.833	0.00	0.02	3.086	O					2.57
216.917	0.00	0.02	3.086	O					2.57
217.000	0.00	0.02	3.086	O					2.57
217.083	0.00	0.02	3.086	O					2.57
217.167	0.00	0.02	3.085	O					2.57
217.250	0.00	0.02	3.085	O					2.57
217.333	0.00	0.02	3.085	O					2.57
217.417	0.00	0.02	3.085	O					2.57
217.500	0.00	0.02	3.085	O					2.57
217.583	0.00	0.02	3.085	O					2.57
217.667	0.00	0.02	3.085	O					2.57
217.750	0.00	0.02	3.084	O					2.57
217.833	0.00	0.02	3.084	O					2.57
217.917	0.00	0.02	3.084	O					2.57
218.000	0.00	0.02	3.084	O					2.57
218.083	0.00	0.02	3.084	O					2.57
218.167	0.00	0.02	3.084	O					2.57
218.250	0.00	0.02	3.083	O					2.57
218.333	0.00	0.02	3.083	O					2.57
218.417	0.00	0.02	3.083	O					2.57
218.500	0.00	0.02	3.083	O					2.57
218.583	0.00	0.02	3.083	O					2.57
218.667	0.00	0.02	3.083	O					2.57
218.750	0.00	0.02	3.083	O					2.57
218.833	0.00	0.02	3.082	O					2.57

218.917	0.00	0.02	3.082	O				2.57
219.000	0.00	0.02	3.082	O				2.57
219.083	0.00	0.02	3.082	O				2.57
219.167	0.00	0.02	3.082	O				2.57
219.250	0.00	0.02	3.082	O				2.57
219.333	0.00	0.02	3.081	O				2.57
219.417	0.00	0.02	3.081	O				2.57
219.500	0.00	0.02	3.081	O				2.57
219.583	0.00	0.02	3.081	O				2.57
219.667	0.00	0.02	3.081	O				2.57
219.750	0.00	0.02	3.081	O				2.57
219.833	0.00	0.02	3.081	O				2.57
219.917	0.00	0.02	3.080	O				2.57
220.000	0.00	0.02	3.080	O				2.57
220.083	0.00	0.02	3.080	O				2.57
220.167	0.00	0.02	3.080	O				2.57
220.250	0.00	0.02	3.080	O				2.57
220.333	0.00	0.02	3.080	O				2.57
220.417	0.00	0.02	3.079	O				2.57
220.500	0.00	0.02	3.079	O				2.57
220.583	0.00	0.02	3.079	O				2.57
220.667	0.00	0.02	3.079	O				2.57
220.750	0.00	0.02	3.079	O				2.57
220.833	0.00	0.02	3.079	O				2.57
220.917	0.00	0.02	3.079	O				2.57
221.000	0.00	0.02	3.078	O				2.57
221.083	0.00	0.02	3.078	O				2.57
221.167	0.00	0.02	3.078	O				2.57
221.250	0.00	0.02	3.078	O				2.56
221.333	0.00	0.02	3.078	O				2.56
221.417	0.00	0.02	3.078	O				2.56
221.500	0.00	0.02	3.078	O				2.56
221.583	0.00	0.02	3.077	O				2.56
221.667	0.00	0.02	3.077	O				2.56
221.750	0.00	0.02	3.077	O				2.56
221.833	0.00	0.02	3.077	O				2.56
221.917	0.00	0.02	3.077	O				2.56
222.000	0.00	0.02	3.077	O				2.56
222.083	0.00	0.02	3.076	O				2.56
222.167	0.00	0.02	3.076	O				2.56
222.250	0.00	0.02	3.076	O				2.56
222.333	0.00	0.02	3.076	O				2.56
222.417	0.00	0.02	3.076	O				2.56
222.500	0.00	0.02	3.076	O				2.56
222.583	0.00	0.02	3.076	O				2.56
222.667	0.00	0.02	3.075	O				2.56
222.750	0.00	0.02	3.075	O				2.56
222.833	0.00	0.02	3.075	O				2.56
222.917	0.00	0.02	3.075	O				2.56
223.000	0.00	0.02	3.075	O				2.56

223.083	0.00	0.02	3.075	O					2.56
223.167	0.00	0.02	3.075	O					2.56
223.250	0.00	0.02	3.074	O					2.56
223.333	0.00	0.02	3.074	O					2.56
223.417	0.00	0.02	3.074	O					2.56
223.500	0.00	0.02	3.074	O					2.56
223.583	0.00	0.02	3.074	O					2.56
223.667	0.00	0.02	3.074	O					2.56
223.750	0.00	0.02	3.074	O					2.56
223.833	0.00	0.02	3.073	O					2.56
223.917	0.00	0.02	3.073	O					2.56
224.000	0.00	0.02	3.073	O					2.56
224.083	0.00	0.02	3.073	O					2.56
224.167	0.00	0.02	3.073	O					2.56
224.250	0.00	0.02	3.073	O					2.56
224.333	0.00	0.02	3.073	O					2.56
224.417	0.00	0.02	3.072	O					2.56
224.500	0.00	0.02	3.072	O					2.56
224.583	0.00	0.02	3.072	O					2.56
224.667	0.00	0.02	3.072	O					2.56
224.750	0.00	0.02	3.072	O					2.56
224.833	0.00	0.02	3.072	O					2.56
224.917	0.00	0.02	3.072	O					2.56
225.000	0.00	0.02	3.071	O					2.56
225.083	0.00	0.02	3.071	O					2.56
225.167	0.00	0.02	3.071	O					2.56
225.250	0.00	0.02	3.071	O					2.56
225.333	0.00	0.02	3.071	O					2.56
225.417	0.00	0.02	3.071	O					2.56
225.500	0.00	0.02	3.071	O					2.56
225.583	0.00	0.02	3.070	O					2.56
225.667	0.00	0.02	3.070	O					2.56
225.750	0.00	0.02	3.070	O					2.56
225.833	0.00	0.02	3.070	O					2.56
225.917	0.00	0.02	3.070	O					2.56
226.000	0.00	0.02	3.070	O					2.56
226.083	0.00	0.02	3.070	O					2.56
226.167	0.00	0.02	3.069	O					2.56
226.250	0.00	0.02	3.069	O					2.56
226.333	0.00	0.02	3.069	O					2.56
226.417	0.00	0.02	3.069	O					2.56
226.500	0.00	0.02	3.069	O					2.56
226.583	0.00	0.02	3.069	O					2.56
226.667	0.00	0.02	3.069	O					2.56
226.750	0.00	0.02	3.068	O					2.56
226.833	0.00	0.02	3.068	O					2.56
226.917	0.00	0.02	3.068	O					2.56
227.000	0.00	0.02	3.068	O					2.56
227.083	0.00	0.02	3.068	O					2.56
227.167	0.00	0.02	3.068	O					2.56

227.250	0.00	0.02	3.068	O				2.56
227.333	0.00	0.02	3.067	O				2.56
227.417	0.00	0.02	3.067	O				2.56
227.500	0.00	0.02	3.067	O				2.56
227.583	0.00	0.02	3.067	O				2.56
227.667	0.00	0.02	3.067	O				2.56
227.750	0.00	0.02	3.067	O				2.56
227.833	0.00	0.02	3.067	O				2.56
227.917	0.00	0.02	3.066	O				2.56
228.000	0.00	0.02	3.066	O				2.56
228.083	0.00	0.02	3.066	O				2.56
228.167	0.00	0.02	3.066	O				2.56
228.250	0.00	0.02	3.066	O				2.55
228.333	0.00	0.02	3.066	O				2.55
228.417	0.00	0.02	3.066	O				2.55
228.500	0.00	0.02	3.066	O				2.55
228.583	0.00	0.02	3.065	O				2.55
228.667	0.00	0.02	3.065	O				2.55
228.750	0.00	0.02	3.065	O				2.55
228.833	0.00	0.02	3.065	O				2.55
228.917	0.00	0.02	3.065	O				2.55
229.000	0.00	0.02	3.065	O				2.55
229.083	0.00	0.02	3.065	O				2.55
229.167	0.00	0.02	3.064	O				2.55
229.250	0.00	0.02	3.064	O				2.55
229.333	0.00	0.02	3.064	O				2.55
229.417	0.00	0.02	3.064	O				2.55
229.500	0.00	0.02	3.064	O				2.55
229.583	0.00	0.02	3.064	O				2.55
229.667	0.00	0.02	3.064	O				2.55
229.750	0.00	0.02	3.063	O				2.55
229.833	0.00	0.02	3.063	O				2.55
229.917	0.00	0.02	3.063	O				2.55
230.000	0.00	0.02	3.063	O				2.55
230.083	0.00	0.02	3.063	O				2.55
230.167	0.00	0.02	3.063	O				2.55
230.250	0.00	0.02	3.063	O				2.55
230.333	0.00	0.02	3.063	O				2.55
230.417	0.00	0.02	3.062	O				2.55
230.500	0.00	0.02	3.062	O				2.55
230.583	0.00	0.02	3.062	O				2.55
230.667	0.00	0.02	3.062	O				2.55
230.750	0.00	0.02	3.062	O				2.55
230.833	0.00	0.02	3.062	O				2.55
230.917	0.00	0.02	3.062	O				2.55
231.000	0.00	0.02	3.061	O				2.55
231.083	0.00	0.02	3.061	O				2.55
231.167	0.00	0.02	3.061	O				2.55
231.250	0.00	0.02	3.061	O				2.55
231.333	0.00	0.02	3.061	O				2.55

231.417	0.00	0.02	3.061	O	|	|	|	2.55
231.500	0.00	0.02	3.061	O	|	|	|	2.55
231.583	0.00	0.02	3.061	O	|	|	|	2.55
231.667	0.00	0.02	3.060	O	|	|	|	2.55
231.750	0.00	0.02	3.060	O	|	|	|	2.55
231.833	0.00	0.02	3.060	O	|	|	|	2.55
231.917	0.00	0.02	3.060	O	|	|	|	2.55
232.000	0.00	0.02	3.060	O	|	|	|	2.55
232.083	0.00	0.02	3.060	O	|	|	|	2.55
232.167	0.00	0.02	3.060	O	|	|	|	2.55
232.250	0.00	0.02	3.060	O	|	|	|	2.55
232.333	0.00	0.02	3.059	O	|	|	|	2.55
232.417	0.00	0.02	3.059	O	|	|	|	2.55
232.500	0.00	0.02	3.059	O	|	|	|	2.55
232.583	0.00	0.02	3.059	O	|	|	|	2.55
232.667	0.00	0.02	3.059	O	|	|	|	2.55
232.750	0.00	0.02	3.059	O	|	|	|	2.55
232.833	0.00	0.02	3.059	O	|	|	|	2.55
232.917	0.00	0.02	3.058	O	|	|	|	2.55
233.000	0.00	0.02	3.058	O	|	|	|	2.55
233.083	0.00	0.02	3.058	O	|	|	|	2.55
233.167	0.00	0.02	3.058	O	|	|	|	2.55
233.250	0.00	0.02	3.058	O	|	|	|	2.55
233.333	0.00	0.02	3.058	O	|	|	|	2.55
233.417	0.00	0.02	3.058	O	|	|	|	2.55
233.500	0.00	0.02	3.058	O	|	|	|	2.55
233.583	0.00	0.02	3.057	O	|	|	|	2.55
233.667	0.00	0.02	3.057	O	|	|	|	2.55
233.750	0.00	0.02	3.057	O	|	|	|	2.55
233.833	0.00	0.02	3.057	O	|	|	|	2.55
233.917	0.00	0.02	3.057	O	|	|	|	2.55
234.000	0.00	0.02	3.057	O	|	|	|	2.55
234.083	0.00	0.02	3.057	O	|	|	|	2.55
234.167	0.00	0.02	3.057	O	|	|	|	2.55
234.250	0.00	0.02	3.056	O	|	|	|	2.55
234.333	0.00	0.02	3.056	O	|	|	|	2.55
234.417	0.00	0.02	3.056	O	|	|	|	2.55
234.500	0.00	0.02	3.056	O	|	|	|	2.55
234.583	0.00	0.02	3.056	O	|	|	|	2.55
234.667	0.00	0.02	3.056	O	|	|	|	2.55
234.750	0.00	0.02	3.056	O	|	|	|	2.55
234.833	0.00	0.02	3.056	O	|	|	|	2.55
234.917	0.00	0.02	3.055	O	|	|	|	2.55
235.000	0.00	0.02	3.055	O	|	|	|	2.55
235.083	0.00	0.02	3.055	O	|	|	|	2.55
235.167	0.00	0.02	3.055	O	|	|	|	2.55
235.250	0.00	0.02	3.055	O	|	|	|	2.55
235.333	0.00	0.02	3.055	O	|	|	|	2.55
235.417	0.00	0.02	3.055	O	|	|	|	2.55
235.500	0.00	0.02	3.055	O	|	|	|	2.55

235.583	0.00	0.02	3.054	O				2.55
235.667	0.00	0.02	3.054	O				2.55
235.750	0.00	0.02	3.054	O				2.55
235.833	0.00	0.02	3.054	O				2.55
235.917	0.00	0.02	3.054	O				2.54
236.000	0.00	0.02	3.054	O				2.54
236.083	0.00	0.02	3.054	O				2.54
236.167	0.00	0.02	3.054	O				2.54
236.250	0.00	0.02	3.053	O				2.54
236.333	0.00	0.02	3.053	O				2.54
236.417	0.00	0.02	3.053	O				2.54
236.500	0.00	0.02	3.053	O				2.54
236.583	0.00	0.02	3.053	O				2.54
236.667	0.00	0.02	3.053	O				2.54
236.750	0.00	0.02	3.053	O				2.54
236.833	0.00	0.02	3.053	O				2.54
236.917	0.00	0.02	3.052	O				2.54
237.000	0.00	0.02	3.052	O				2.54
237.083	0.00	0.02	3.052	O				2.54
237.167	0.00	0.02	3.052	O				2.54
237.250	0.00	0.02	3.052	O				2.54
237.333	0.00	0.02	3.052	O				2.54
237.417	0.00	0.02	3.052	O				2.54
237.500	0.00	0.02	3.052	O				2.54
237.583	0.00	0.02	3.051	O				2.54
237.667	0.00	0.02	3.051	O				2.54
237.750	0.00	0.02	3.051	O				2.54
237.833	0.00	0.02	3.051	O				2.54
237.917	0.00	0.02	3.051	O				2.54
238.000	0.00	0.02	3.051	O				2.54
238.083	0.00	0.02	3.051	O				2.54
238.167	0.00	0.02	3.051	O				2.54
238.250	0.00	0.02	3.050	O				2.54
238.333	0.00	0.02	3.050	O				2.54
238.417	0.00	0.02	3.050	O				2.54
238.500	0.00	0.02	3.050	O				2.54
238.583	0.00	0.02	3.050	O				2.54
238.667	0.00	0.02	3.050	O				2.54
238.750	0.00	0.02	3.050	O				2.54
238.833	0.00	0.02	3.050	O				2.54
238.917	0.00	0.02	3.050	O				2.54
239.000	0.00	0.02	3.049	O				2.54
239.083	0.00	0.02	3.049	O				2.54
239.167	0.00	0.02	3.049	O				2.54
239.250	0.00	0.02	3.049	O				2.54
239.333	0.00	0.02	3.049	O				2.54
239.417	0.00	0.02	3.049	O				2.54
239.500	0.00	0.02	3.049	O				2.54
239.583	0.00	0.02	3.049	O				2.54
239.667	0.00	0.02	3.048	O				2.54

239.750	0.00	0.02	3.048	O				2.54
239.833	0.00	0.02	3.048	O				2.54
239.917	0.00	0.02	3.048	O				2.54
240.000	0.00	0.02	3.048	O				2.54
240.083	0.00	0.02	3.048	O				2.54
240.167	0.00	0.02	3.048	O				2.54
240.250	0.00	0.02	3.048	O				2.54
240.333	0.00	0.02	3.047	O				2.54
240.417	0.00	0.02	3.047	O				2.54
240.500	0.00	0.02	3.047	O				2.54
240.583	0.00	0.02	3.047	O				2.54
240.667	0.00	0.02	3.047	O				2.54
240.750	0.00	0.02	3.047	O				2.54
240.833	0.00	0.02	3.047	O				2.54
240.917	0.00	0.02	3.047	O				2.54
241.000	0.00	0.02	3.047	O				2.54
241.083	0.00	0.02	3.046	O				2.54
241.167	0.00	0.02	3.046	O				2.54
241.250	0.00	0.02	3.046	O				2.54
241.333	0.00	0.02	3.046	O				2.54
241.417	0.00	0.02	3.046	O				2.54
241.500	0.00	0.02	3.046	O				2.54
241.583	0.00	0.02	3.046	O				2.54
241.667	0.00	0.02	3.046	O				2.54
241.750	0.00	0.02	3.046	O				2.54
241.833	0.00	0.02	3.045	O				2.54
241.917	0.00	0.02	3.045	O				2.54
242.000	0.00	0.02	3.045	O				2.54
242.083	0.00	0.02	3.045	O				2.54
242.167	0.00	0.02	3.045	O				2.54
242.250	0.00	0.02	3.045	O				2.54
242.333	0.00	0.02	3.045	O				2.54
242.417	0.00	0.02	3.045	O				2.54
242.500	0.00	0.02	3.044	O				2.54
242.583	0.00	0.02	3.044	O				2.54
242.667	0.00	0.02	3.044	O				2.54
242.750	0.00	0.02	3.044	O				2.54
242.833	0.00	0.02	3.044	O				2.54
242.917	0.00	0.02	3.044	O				2.54
243.000	0.00	0.02	3.044	O				2.54
243.083	0.00	0.02	3.044	O				2.54
243.167	0.00	0.02	3.044	O				2.54
243.250	0.00	0.02	3.043	O				2.54
243.333	0.00	0.02	3.043	O				2.54
243.417	0.00	0.02	3.043	O				2.54
243.500	0.00	0.02	3.043	O				2.54
243.583	0.00	0.02	3.043	O				2.54
243.667	0.00	0.02	3.043	O				2.54
243.750	0.00	0.02	3.043	O				2.54
243.833	0.00	0.02	3.043	O				2.54

243.917	0.00	0.02	3.043	O	|	|	|	2.54
244.000	0.00	0.02	3.042	O	|	|	|	2.54
244.083	0.00	0.02	3.042	O	|	|	|	2.54
244.167	0.00	0.02	3.042	O	|	|	|	2.54
244.250	0.00	0.02	3.042	O	|	|	|	2.54
244.333	0.00	0.02	3.042	O	|	|	|	2.53
244.417	0.00	0.02	3.042	O	|	|	|	2.53
244.500	0.00	0.02	3.042	O	|	|	|	2.53
244.583	0.00	0.02	3.042	O	|	|	|	2.53
244.667	0.00	0.02	3.042	O	|	|	|	2.53
244.750	0.00	0.02	3.041	O	|	|	|	2.53
244.833	0.00	0.02	3.041	O	|	|	|	2.53
244.917	0.00	0.02	3.041	O	|	|	|	2.53
245.000	0.00	0.02	3.041	O	|	|	|	2.53
245.083	0.00	0.02	3.041	O	|	|	|	2.53
245.167	0.00	0.02	3.041	O	|	|	|	2.53
245.250	0.00	0.02	3.041	O	|	|	|	2.53
245.333	0.00	0.02	3.041	O	|	|	|	2.53
245.417	0.00	0.02	3.041	O	|	|	|	2.53
245.500	0.00	0.02	3.040	O	|	|	|	2.53
245.583	0.00	0.02	3.040	O	|	|	|	2.53
245.667	0.00	0.02	3.040	O	|	|	|	2.53
245.750	0.00	0.02	3.040	O	|	|	|	2.53
245.833	0.00	0.02	3.040	O	|	|	|	2.53
245.917	0.00	0.02	3.040	O	|	|	|	2.53
246.000	0.00	0.02	3.040	O	|	|	|	2.53
246.083	0.00	0.02	3.040	O	|	|	|	2.53
246.167	0.00	0.02	3.040	O	|	|	|	2.53
246.250	0.00	0.02	3.039	O	|	|	|	2.53
246.333	0.00	0.02	3.039	O	|	|	|	2.53
246.417	0.00	0.02	3.039	O	|	|	|	2.53
246.500	0.00	0.02	3.039	O	|	|	|	2.53
246.583	0.00	0.02	3.039	O	|	|	|	2.53
246.667	0.00	0.02	3.039	O	|	|	|	2.53
246.750	0.00	0.02	3.039	O	|	|	|	2.53
246.833	0.00	0.02	3.039	O	|	|	|	2.53
246.917	0.00	0.02	3.039	O	|	|	|	2.53
247.000	0.00	0.02	3.038	O	|	|	|	2.53
247.083	0.00	0.02	3.038	O	|	|	|	2.53
247.167	0.00	0.02	3.038	O	|	|	|	2.53
247.250	0.00	0.02	3.038	O	|	|	|	2.53
247.333	0.00	0.02	3.038	O	|	|	|	2.53
247.417	0.00	0.02	3.038	O	|	|	|	2.53
247.500	0.00	0.02	3.038	O	|	|	|	2.53
247.583	0.00	0.02	3.038	O	|	|	|	2.53
247.667	0.00	0.02	3.038	O	|	|	|	2.53
247.750	0.00	0.02	3.037	O	|	|	|	2.53
247.833	0.00	0.02	3.037	O	|	|	|	2.53
247.917	0.00	0.02	3.037	O	|	|	|	2.53
248.000	0.00	0.02	3.037	O	|	|	|	2.53

248.083	0.00	0.02	3.037	O					2.53
248.167	0.00	0.02	3.037	O					2.53
248.250	0.00	0.02	3.037	O					2.53
248.333	0.00	0.02	3.037	O					2.53
248.417	0.00	0.02	3.037	O					2.53
248.500	0.00	0.02	3.036	O					2.53
248.583	0.00	0.02	3.036	O					2.53
248.667	0.00	0.02	3.036	O					2.53
248.750	0.00	0.02	3.036	O					2.53
248.833	0.00	0.02	3.036	O					2.53
248.917	0.00	0.02	3.036	O					2.53
249.000	0.00	0.02	3.036	O					2.53
249.083	0.00	0.02	3.036	O					2.53
249.167	0.00	0.02	3.036	O					2.53
249.250	0.00	0.02	3.036	O					2.53
249.333	0.00	0.02	3.035	O					2.53
249.417	0.00	0.02	3.035	O					2.53
249.500	0.00	0.02	3.035	O					2.53
249.583	0.00	0.02	3.035	O					2.53
249.667	0.00	0.02	3.035	O					2.53
249.750	0.00	0.02	3.035	O					2.53
249.833	0.00	0.02	3.035	O					2.53
249.917	0.00	0.02	3.035	O					2.53
250.000	0.00	0.02	3.035	O					2.53
250.083	0.00	0.02	3.034	O					2.53
250.167	0.00	0.02	3.034	O					2.53
250.250	0.00	0.02	3.034	O					2.53
250.333	0.00	0.02	3.034	O					2.53
250.417	0.00	0.02	3.034	O					2.53
250.500	0.00	0.02	3.034	O					2.53
250.583	0.00	0.02	3.034	O					2.53
250.667	0.00	0.02	3.034	O					2.53
250.750	0.00	0.02	3.034	O					2.53
250.833	0.00	0.02	3.034	O					2.53
250.917	0.00	0.02	3.033	O					2.53
251.000	0.00	0.02	3.033	O					2.53
251.083	0.00	0.01	3.033	O					2.53
251.167	0.00	0.01	3.033	O					2.53
251.250	0.00	0.01	3.033	O					2.53
251.333	0.00	0.01	3.033	O					2.53
251.417	0.00	0.01	3.033	O					2.53
251.500	0.00	0.01	3.033	O					2.53
251.583	0.00	0.01	3.033	O					2.53
251.667	0.00	0.01	3.033	O					2.53
251.750	0.00	0.01	3.032	O					2.53
251.833	0.00	0.01	3.032	O					2.53
251.917	0.00	0.01	3.032	O					2.53
252.000	0.00	0.01	3.032	O					2.53
252.083	0.00	0.01	3.032	O					2.53
252.167	0.00	0.01	3.032	O					2.53

252.250	0.00	0.01	3.032	O				2.53
252.333	0.00	0.01	3.032	O				2.53
252.417	0.00	0.01	3.032	O				2.53
252.500	0.00	0.01	3.032	O				2.53
252.583	0.00	0.01	3.031	O				2.53
252.667	0.00	0.01	3.031	O				2.53
252.750	0.00	0.01	3.031	O				2.53
252.833	0.00	0.01	3.031	O				2.53
252.917	0.00	0.01	3.031	O				2.53
253.000	0.00	0.01	3.031	O				2.53
253.083	0.00	0.01	3.031	O				2.53
253.167	0.00	0.01	3.031	O				2.53
253.250	0.00	0.01	3.031	O				2.53
253.333	0.00	0.01	3.030	O				2.53
253.417	0.00	0.01	3.030	O				2.53
253.500	0.00	0.01	3.030	O				2.53
253.583	0.00	0.01	3.030	O				2.53
253.667	0.00	0.01	3.030	O				2.53
253.750	0.00	0.01	3.030	O				2.52
253.833	0.00	0.01	3.030	O				2.52
253.917	0.00	0.01	3.030	O				2.52
254.000	0.00	0.01	3.030	O				2.52
254.083	0.00	0.01	3.030	O				2.52
254.167	0.00	0.01	3.029	O				2.52
254.250	0.00	0.01	3.029	O				2.52
254.333	0.00	0.01	3.029	O				2.52
254.417	0.00	0.01	3.029	O				2.52
254.500	0.00	0.01	3.029	O				2.52
254.583	0.00	0.01	3.029	O				2.52
254.667	0.00	0.01	3.029	O				2.52
254.750	0.00	0.01	3.029	O				2.52
254.833	0.00	0.01	3.029	O				2.52
254.917	0.00	0.01	3.029	O				2.52
255.000	0.00	0.01	3.029	O				2.52
255.083	0.00	0.01	3.028	O				2.52
255.167	0.00	0.01	3.028	O				2.52
255.250	0.00	0.01	3.028	O				2.52
255.333	0.00	0.01	3.028	O				2.52
255.417	0.00	0.01	3.028	O				2.52
255.500	0.00	0.01	3.028	O				2.52
255.583	0.00	0.01	3.028	O				2.52
255.667	0.00	0.01	3.028	O				2.52
255.750	0.00	0.01	3.028	O				2.52
255.833	0.00	0.01	3.028	O				2.52
255.917	0.00	0.01	3.027	O				2.52
256.000	0.00	0.01	3.027	O				2.52
256.083	0.00	0.01	3.027	O				2.52
256.167	0.00	0.01	3.027	O				2.52
256.250	0.00	0.01	3.027	O				2.52
256.333	0.00	0.01	3.027	O				2.52

256.417	0.00	0.01	3.027	O					2.52
256.500	0.00	0.01	3.027	O					2.52
256.583	0.00	0.01	3.027	O					2.52
256.667	0.00	0.01	3.027	O					2.52
256.750	0.00	0.01	3.026	O					2.52
256.833	0.00	0.01	3.026	O					2.52
256.917	0.00	0.01	3.026	O					2.52
257.000	0.00	0.01	3.026	O					2.52
257.083	0.00	0.01	3.026	O					2.52
257.167	0.00	0.01	3.026	O					2.52
257.250	0.00	0.01	3.026	O					2.52
257.333	0.00	0.01	3.026	O					2.52
257.417	0.00	0.01	3.026	O					2.52
257.500	0.00	0.01	3.026	O					2.52
257.583	0.00	0.01	3.026	O					2.52
257.667	0.00	0.01	3.025	O					2.52
257.750	0.00	0.01	3.025	O					2.52
257.833	0.00	0.01	3.025	O					2.52
257.917	0.00	0.01	3.025	O					2.52
258.000	0.00	0.01	3.025	O					2.52
258.083	0.00	0.01	3.025	O					2.52
258.167	0.00	0.01	3.025	O					2.52
258.250	0.00	0.01	3.025	O					2.52
258.333	0.00	0.01	3.025	O					2.52
258.417	0.00	0.01	3.025	O					2.52
258.500	0.00	0.01	3.024	O					2.52
258.583	0.00	0.01	3.024	O					2.52
258.667	0.00	0.01	3.024	O					2.52
258.750	0.00	0.01	3.024	O					2.52
258.833	0.00	0.01	3.024	O					2.52
258.917	0.00	0.01	3.024	O					2.52
259.000	0.00	0.01	3.024	O					2.52
259.083	0.00	0.01	3.024	O					2.52
259.167	0.00	0.01	3.024	O					2.52
259.250	0.00	0.01	3.024	O					2.52
259.333	0.00	0.01	3.024	O					2.52
259.417	0.00	0.01	3.023	O					2.52
259.500	0.00	0.01	3.023	O					2.52
259.583	0.00	0.01	3.023	O					2.52
259.667	0.00	0.01	3.023	O					2.52
259.750	0.00	0.01	3.023	O					2.52
259.833	0.00	0.01	3.023	O					2.52
259.917	0.00	0.01	3.023	O					2.52
260.000	0.00	0.01	3.023	O					2.52
260.083	0.00	0.01	3.023	O					2.52
260.167	0.00	0.01	3.023	O					2.52
260.250	0.00	0.01	3.023	O					2.52
260.333	0.00	0.01	3.022	O					2.52
260.417	0.00	0.01	3.022	O					2.52
260.500	0.00	0.01	3.022	O					2.52

260.583	0.00	0.01	3.022	O	|	|	|	2.52
260.667	0.00	0.01	3.022	O	|	|	|	2.52
260.750	0.00	0.01	3.022	O	|	|	|	2.52
260.833	0.00	0.01	3.022	O	|	|	|	2.52
260.917	0.00	0.01	3.022	O	|	|	|	2.52
261.000	0.00	0.01	3.022	O	|	|	|	2.52
261.083	0.00	0.01	3.022	O	|	|	|	2.52
261.167	0.00	0.01	3.022	O	|	|	|	2.52
261.250	0.00	0.01	3.021	O	|	|	|	2.52
261.333	0.00	0.01	3.021	O	|	|	|	2.52
261.417	0.00	0.01	3.021	O	|	|	|	2.52
261.500	0.00	0.01	3.021	O	|	|	|	2.52
261.583	0.00	0.01	3.021	O	|	|	|	2.52
261.667	0.00	0.01	3.021	O	|	|	|	2.52
261.750	0.00	0.01	3.021	O	|	|	|	2.52
261.833	0.00	0.01	3.021	O	|	|	|	2.52
261.917	0.00	0.01	3.021	O	|	|	|	2.52
262.000	0.00	0.01	3.021	O	|	|	|	2.52
262.083	0.00	0.01	3.021	O	|	|	|	2.52
262.167	0.00	0.01	3.020	O	|	|	|	2.52
262.250	0.00	0.01	3.020	O	|	|	|	2.52
262.333	0.00	0.01	3.020	O	|	|	|	2.52
262.417	0.00	0.01	3.020	O	|	|	|	2.52
262.500	0.00	0.01	3.020	O	|	|	|	2.52
262.583	0.00	0.01	3.020	O	|	|	|	2.52
262.667	0.00	0.01	3.020	O	|	|	|	2.52
262.750	0.00	0.01	3.020	O	|	|	|	2.52
262.833	0.00	0.01	3.020	O	|	|	|	2.52
262.917	0.00	0.01	3.020	O	|	|	|	2.52
263.000	0.00	0.01	3.020	O	|	|	|	2.52
263.083	0.00	0.01	3.019	O	|	|	|	2.52
263.167	0.00	0.01	3.019	O	|	|	|	2.52
263.250	0.00	0.01	3.019	O	|	|	|	2.52
263.333	0.00	0.01	3.019	O	|	|	|	2.52
263.417	0.00	0.01	3.019	O	|	|	|	2.52
263.500	0.00	0.01	3.019	O	|	|	|	2.52
263.583	0.00	0.01	3.019	O	|	|	|	2.52
263.667	0.00	0.01	3.019	O	|	|	|	2.52
263.750	0.00	0.01	3.019	O	|	|	|	2.52
263.833	0.00	0.01	3.019	O	|	|	|	2.52
263.917	0.00	0.01	3.019	O	|	|	|	2.52
264.000	0.00	0.01	3.018	O	|	|	|	2.52
264.083	0.00	0.01	3.018	O	|	|	|	2.52
264.167	0.00	0.01	3.018	O	|	|	|	2.52
264.250	0.00	0.01	3.018	O	|	|	|	2.52
264.333	0.00	0.01	3.018	O	|	|	|	2.52
264.417	0.00	0.01	3.018	O	|	|	|	2.52
264.500	0.00	0.01	3.018	O	|	|	|	2.51
264.583	0.00	0.01	3.018	O	|	|	|	2.51
264.667	0.00	0.01	3.018	O	|	|	|	2.51

264.750	0.00	0.01	3.018	O	|	|	|	2.51
264.833	0.00	0.01	3.018	O	|	|	|	2.51
264.917	0.00	0.01	3.018	O	|	|	|	2.51
265.000	0.00	0.01	3.017	O	|	|	|	2.51
265.083	0.00	0.01	3.017	O	|	|	|	2.51
265.167	0.00	0.01	3.017	O	|	|	|	2.51
265.250	0.00	0.01	3.017	O	|	|	|	2.51
265.333	0.00	0.01	3.017	O	|	|	|	2.51
265.417	0.00	0.01	3.017	O	|	|	|	2.51
265.500	0.00	0.01	3.017	O	|	|	|	2.51
265.583	0.00	0.01	3.017	O	|	|	|	2.51
265.667	0.00	0.01	3.017	O	|	|	|	2.51
265.750	0.00	0.01	3.017	O	|	|	|	2.51
265.833	0.00	0.01	3.017	O	|	|	|	2.51
265.917	0.00	0.01	3.016	O	|	|	|	2.51
266.000	0.00	0.01	3.016	O	|	|	|	2.51
266.083	0.00	0.01	3.016	O	|	|	|	2.51
266.167	0.00	0.01	3.016	O	|	|	|	2.51
266.250	0.00	0.01	3.016	O	|	|	|	2.51
266.333	0.00	0.01	3.016	O	|	|	|	2.51
266.417	0.00	0.01	3.016	O	|	|	|	2.51
266.500	0.00	0.01	3.016	O	|	|	|	2.51
266.583	0.00	0.01	3.016	O	|	|	|	2.51
266.667	0.00	0.01	3.016	O	|	|	|	2.51
266.750	0.00	0.01	3.016	O	|	|	|	2.51
266.833	0.00	0.01	3.016	O	|	|	|	2.51
266.917	0.00	0.01	3.015	O	|	|	|	2.51
267.000	0.00	0.01	3.015	O	|	|	|	2.51
267.083	0.00	0.01	3.015	O	|	|	|	2.51
267.167	0.00	0.01	3.015	O	|	|	|	2.51
267.250	0.00	0.01	3.015	O	|	|	|	2.51
267.333	0.00	0.01	3.015	O	|	|	|	2.51
267.417	0.00	0.01	3.015	O	|	|	|	2.51
267.500	0.00	0.01	3.015	O	|	|	|	2.51
267.583	0.00	0.01	3.015	O	|	|	|	2.51
267.667	0.00	0.01	3.015	O	|	|	|	2.51
267.750	0.00	0.01	3.015	O	|	|	|	2.51
267.833	0.00	0.01	3.015	O	|	|	|	2.51
267.917	0.00	0.01	3.014	O	|	|	|	2.51
268.000	0.00	0.01	3.014	O	|	|	|	2.51
268.083	0.00	0.01	3.014	O	|	|	|	2.51
268.167	0.00	0.01	3.014	O	|	|	|	2.51
268.250	0.00	0.01	3.014	O	|	|	|	2.51
268.333	0.00	0.01	3.014	O	|	|	|	2.51
268.417	0.00	0.01	3.014	O	|	|	|	2.51
268.500	0.00	0.01	3.014	O	|	|	|	2.51
268.583	0.00	0.01	3.014	O	|	|	|	2.51
268.667	0.00	0.01	3.014	O	|	|	|	2.51
268.750	0.00	0.01	3.014	O	|	|	|	2.51
268.833	0.00	0.01	3.014	O	|	|	|	2.51

268.917	0.00	0.01	3.013	O					2.51
269.000	0.00	0.01	3.013	O					2.51
269.083	0.00	0.01	3.013	O					2.51
269.167	0.00	0.01	3.013	O					2.51
269.250	0.00	0.01	3.013	O					2.51
269.333	0.00	0.01	3.013	O					2.51
269.417	0.00	0.01	3.013	O					2.51
269.500	0.00	0.01	3.013	O					2.51
269.583	0.00	0.01	3.013	O					2.51
269.667	0.00	0.01	3.013	O					2.51
269.750	0.00	0.01	3.013	O					2.51
269.833	0.00	0.01	3.013	O					2.51
269.917	0.00	0.01	3.012	O					2.51
270.000	0.00	0.01	3.012	O					2.51
270.083	0.00	0.01	3.012	O					2.51
270.167	0.00	0.01	3.012	O					2.51
270.250	0.00	0.01	3.012	O					2.51
270.333	0.00	0.01	3.012	O					2.51
270.417	0.00	0.01	3.012	O					2.51
270.500	0.00	0.01	3.012	O					2.51
270.583	0.00	0.01	3.012	O					2.51
270.667	0.00	0.01	3.012	O					2.51
270.750	0.00	0.01	3.012	O					2.51
270.833	0.00	0.01	3.012	O					2.51
270.917	0.00	0.01	3.011	O					2.51
271.000	0.00	0.01	3.011	O					2.51
271.083	0.00	0.01	3.011	O					2.51
271.167	0.00	0.01	3.011	O					2.51
271.250	0.00	0.01	3.011	O					2.51
271.333	0.00	0.01	3.011	O					2.51
271.417	0.00	0.01	3.011	O					2.51
271.500	0.00	0.01	3.011	O					2.51
271.583	0.00	0.01	3.011	O					2.51
271.667	0.00	0.01	3.011	O					2.51
271.750	0.00	0.01	3.011	O					2.51
271.833	0.00	0.01	3.011	O					2.51
271.917	0.00	0.01	3.011	O					2.51
272.000	0.00	0.01	3.010	O					2.51
272.083	0.00	0.01	3.010	O					2.51
272.167	0.00	0.01	3.010	O					2.51
272.250	0.00	0.01	3.010	O					2.51
272.333	0.00	0.01	3.010	O					2.51
272.417	0.00	0.01	3.010	O					2.51
272.500	0.00	0.01	3.010	O					2.51
272.583	0.00	0.01	3.010	O					2.51
272.667	0.00	0.01	3.010	O					2.51
272.750	0.00	0.01	3.010	O					2.51
272.833	0.00	0.01	3.010	O					2.51
272.917	0.00	0.01	3.010	O					2.51
273.000	0.00	0.01	3.009	O					2.51

273.083	0.00	0.01	3.009	O				2.51
273.167	0.00	0.01	3.009	O				2.51
273.250	0.00	0.01	3.009	O				2.51
273.333	0.00	0.01	3.009	O				2.51
273.417	0.00	0.01	3.009	O				2.51
273.500	0.00	0.01	3.009	O				2.51
273.583	0.00	0.01	3.009	O				2.51
273.667	0.00	0.01	3.009	O				2.51
273.750	0.00	0.01	3.009	O				2.51
273.833	0.00	0.01	3.009	O				2.51
273.917	0.00	0.01	3.009	O				2.51
274.000	0.00	0.01	3.009	O				2.51
274.083	0.00	0.01	3.008	O				2.51
274.167	0.00	0.01	3.008	O				2.51
274.250	0.00	0.01	3.008	O				2.51
274.333	0.00	0.01	3.008	O				2.51
274.417	0.00	0.01	3.008	O				2.51
274.500	0.00	0.01	3.008	O				2.51
274.583	0.00	0.01	3.008	O				2.51
274.667	0.00	0.01	3.008	O				2.51
274.750	0.00	0.01	3.008	O				2.51
274.833	0.00	0.01	3.008	O				2.51
274.917	0.00	0.01	3.008	O				2.51
275.000	0.00	0.01	3.008	O				2.51
275.083	0.00	0.01	3.008	O				2.51
275.167	0.00	0.01	3.007	O				2.51
275.250	0.00	0.01	3.007	O				2.51
275.333	0.00	0.01	3.007	O				2.51
275.417	0.00	0.01	3.007	O				2.51
275.500	0.00	0.01	3.007	O				2.51
275.583	0.00	0.01	3.007	O				2.51
275.667	0.00	0.01	3.007	O				2.51
275.750	0.00	0.01	3.007	O				2.51
275.833	0.00	0.01	3.007	O				2.51
275.917	0.00	0.01	3.007	O				2.51
276.000	0.00	0.01	3.007	O				2.51
276.083	0.00	0.01	3.007	O				2.51
276.167	0.00	0.01	3.007	O				2.51
276.250	0.00	0.01	3.006	O				2.51
276.333	0.00	0.01	3.006	O				2.51
276.417	0.00	0.01	3.006	O				2.51
276.500	0.00	0.01	3.006	O				2.51
276.583	0.00	0.01	3.006	O				2.51
276.667	0.00	0.01	3.006	O				2.51
276.750	0.00	0.01	3.006	O				2.51
276.833	0.00	0.01	3.006	O				2.50
276.917	0.00	0.01	3.006	O				2.50
277.000	0.00	0.01	3.006	O				2.50
277.083	0.00	0.01	3.006	O				2.50
277.167	0.00	0.01	3.006	O				2.50

277.250	0.00	0.01	3.006	O				2.50
277.333	0.00	0.01	3.005	O				2.50
277.417	0.00	0.01	3.005	O				2.50
277.500	0.00	0.01	3.005	O				2.50
277.583	0.00	0.01	3.005	O				2.50
277.667	0.00	0.01	3.005	O				2.50
277.750	0.00	0.01	3.005	O				2.50
277.833	0.00	0.01	3.005	O				2.50
277.917	0.00	0.01	3.005	O				2.50
278.000	0.00	0.01	3.005	O				2.50
278.083	0.00	0.01	3.005	O				2.50
278.167	0.00	0.01	3.005	O				2.50
278.250	0.00	0.01	3.005	O				2.50
278.333	0.00	0.01	3.005	O				2.50
278.417	0.00	0.01	3.005	O				2.50
278.500	0.00	0.01	3.004	O				2.50
278.583	0.00	0.01	3.004	O				2.50
278.667	0.00	0.01	3.004	O				2.50
278.750	0.00	0.01	3.004	O				2.50
278.833	0.00	0.01	3.004	O				2.50
278.917	0.00	0.01	3.004	O				2.50
279.000	0.00	0.01	3.004	O				2.50
279.083	0.00	0.01	3.004	O				2.50
279.167	0.00	0.01	3.004	O				2.50
279.250	0.00	0.01	3.004	O				2.50
279.333	0.00	0.01	3.004	O				2.50
279.417	0.00	0.01	3.004	O				2.50
279.500	0.00	0.01	3.004	O				2.50
279.583	0.00	0.01	3.004	O				2.50
279.667	0.00	0.01	3.003	O				2.50
279.750	0.00	0.01	3.003	O				2.50
279.833	0.00	0.01	3.003	O				2.50
279.917	0.00	0.01	3.003	O				2.50
280.000	0.00	0.01	3.003	O				2.50
280.083	0.00	0.01	3.003	O				2.50
280.167	0.00	0.01	3.003	O				2.50
280.250	0.00	0.01	3.003	O				2.50
280.333	0.00	0.01	3.003	O				2.50
280.417	0.00	0.01	3.003	O				2.50
280.500	0.00	0.01	3.003	O				2.50
280.583	0.00	0.01	3.003	O				2.50
280.667	0.00	0.01	3.003	O				2.50
280.750	0.00	0.01	3.003	O				2.50
280.833	0.00	0.01	3.002	O				2.50
280.917	0.00	0.01	3.002	O				2.50
281.000	0.00	0.01	3.002	O				2.50
281.083	0.00	0.01	3.002	O				2.50
281.167	0.00	0.01	3.002	O				2.50
281.250	0.00	0.01	3.002	O				2.50
281.333	0.00	0.01	3.002	O				2.50

281.417	0.00	0.01	3.002	O	|	|	|	2.50
281.500	0.00	0.01	3.002	O	|	|	|	2.50
281.583	0.00	0.01	3.002	O	|	|	|	2.50
281.667	0.00	0.01	3.002	O	|	|	|	2.50
281.750	0.00	0.01	3.002	O	|	|	|	2.50
281.833	0.00	0.01	3.002	O	|	|	|	2.50
281.917	0.00	0.01	3.002	O	|	|	|	2.50
282.000	0.00	0.01	3.001	O	|	|	|	2.50
282.083	0.00	0.01	3.001	O	|	|	|	2.50
282.167	0.00	0.01	3.001	O	|	|	|	2.50
282.250	0.00	0.01	3.001	O	|	|	|	2.50
282.333	0.00	0.01	3.001	O	|	|	|	2.50
282.417	0.00	0.01	3.001	O	|	|	|	2.50
282.500	0.00	0.01	3.001	O	|	|	|	2.50
282.583	0.00	0.01	3.001	O	|	|	|	2.50
282.667	0.00	0.01	3.001	O	|	|	|	2.50
282.750	0.00	0.01	3.001	O	|	|	|	2.50
282.833	0.00	0.01	3.001	O	|	|	|	2.50
282.917	0.00	0.01	3.001	O	|	|	|	2.50
283.000	0.00	0.01	3.001	O	|	|	|	2.50
283.083	0.00	0.01	3.001	O	|	|	|	2.50
283.167	0.00	0.01	3.000	O	|	|	|	2.50
283.250	0.00	0.01	3.000	O	|	|	|	2.50
283.333	0.00	0.01	3.000	O	|	|	|	2.50
283.417	0.00	0.01	3.000	O	|	|	|	2.50
283.500	0.00	0.01	3.000	O	|	|	|	2.50
283.583	0.00	0.01	3.000	O	|	|	|	2.50
283.667	0.00	0.01	3.000	O	|	|	|	2.50
283.750	0.00	0.01	3.000	O	|	|	|	2.50
283.833	0.00	0.01	3.000	O	|	|	|	2.50
283.917	0.00	0.01	3.000	O	|	|	|	2.50
284.000	0.00	0.01	3.000	O	|	|	|	2.50
284.083	0.00	0.01	3.000	O	|	|	|	2.50
284.167	0.00	0.01	3.000	O	|	|	|	2.50
284.250	0.00	0.01	3.000	O	|	|	|	2.50
284.333	0.00	0.01	2.999	O	|	|	|	2.50
284.417	0.00	0.01	2.999	O	|	|	|	2.50
284.500	0.00	0.01	2.999	O	|	|	|	2.50
284.583	0.00	0.01	2.999	O	|	|	|	2.50
284.667	0.00	0.01	2.999	O	|	|	|	2.50
284.750	0.00	0.01	2.999	O	|	|	|	2.50
284.833	0.00	0.01	2.999	O	|	|	|	2.50
284.917	0.00	0.01	2.999	O	|	|	|	2.50
285.000	0.00	0.01	2.999	O	|	|	|	2.50
285.083	0.00	0.01	2.999	O	|	|	|	2.50
285.167	0.00	0.01	2.999	O	|	|	|	2.50
285.250	0.00	0.01	2.999	O	|	|	|	2.50
285.333	0.00	0.01	2.999	O	|	|	|	2.50
285.417	0.00	0.01	2.999	O	|	|	|	2.50
285.500	0.00	0.01	2.999	O	|	|	|	2.50

285.583	0.00	0.01	2.998	O				2.50
285.667	0.00	0.01	2.998	O				2.50
285.750	0.00	0.01	2.998	O				2.50
285.833	0.00	0.01	2.998	O				2.50
285.917	0.00	0.01	2.998	O				2.50
286.000	0.00	0.01	2.998	O				2.50
286.083	0.00	0.01	2.998	O				2.50
286.167	0.00	0.01	2.998	O				2.50
286.250	0.00	0.01	2.998	O				2.50
286.333	0.00	0.01	2.998	O				2.50
286.417	0.00	0.01	2.998	O				2.50
286.500	0.00	0.01	2.998	O				2.50
286.583	0.00	0.01	2.998	O				2.50
286.667	0.00	0.01	2.998	O				2.50
286.750	0.00	0.01	2.998	O				2.50
286.833	0.00	0.01	2.997	O				2.50
286.917	0.00	0.01	2.997	O				2.50
287.000	0.00	0.01	2.997	O				2.50
287.083	0.00	0.01	2.997	O				2.50
287.167	0.00	0.01	2.997	O				2.50
287.250	0.00	0.01	2.997	O				2.50
287.333	0.00	0.01	2.997	O				2.50
287.417	0.00	0.01	2.997	O				2.50
287.500	0.00	0.01	2.997	O				2.50
287.583	0.00	0.01	2.997	O				2.50
287.667	0.00	0.01	2.997	O				2.50
287.750	0.00	0.01	2.997	O				2.50
287.833	0.00	0.01	2.997	O				2.50
287.917	0.00	0.01	2.997	O				2.50
288.000	0.00	0.01	2.996	O				2.50
288.083	0.00	0.01	2.996	O				2.50
288.167	0.00	0.01	2.996	O				2.50
288.250	0.00	0.01	2.996	O				2.50
288.333	0.00	0.01	2.996	O				2.50
288.417	0.00	0.01	2.996	O				2.50
288.500	0.00	0.01	2.996	O				2.50
288.583	0.00	0.01	2.996	O				2.50
288.667	0.00	0.01	2.996	O				2.50
288.750	0.00	0.01	2.996	O				2.50
288.833	0.00	0.01	2.996	O				2.50
288.917	0.00	0.01	2.996	O				2.50
289.000	0.00	0.01	2.996	O				2.50
289.083	0.00	0.01	2.996	O				2.50
289.167	0.00	0.01	2.996	O				2.50
289.250	0.00	0.01	2.995	O				2.50
289.333	0.00	0.01	2.995	O				2.50
289.417	0.00	0.01	2.995	O				2.50
289.500	0.00	0.01	2.995	O				2.50
289.583	0.00	0.01	2.995	O				2.50
289.667	0.00	0.01	2.995	O				2.50

289.750	0.00	0.01	2.995	O				2.50
289.833	0.00	0.01	2.995	O				2.50
289.917	0.00	0.01	2.995	O				2.50
290.000	0.00	0.01	2.995	O				2.50
290.083	0.00	0.01	2.995	O				2.50
290.167	0.00	0.01	2.995	O				2.50
290.250	0.00	0.01	2.995	O				2.50
290.333	0.00	0.01	2.995	O				2.50
290.417	0.00	0.01	2.994	O				2.50
290.500	0.00	0.01	2.994	O				2.50
290.583	0.00	0.01	2.994	O				2.50
290.667	0.00	0.01	2.994	O				2.50
290.750	0.00	0.01	2.994	O				2.50
290.833	0.00	0.01	2.994	O				2.50
290.917	0.00	0.01	2.994	O				2.50
291.000	0.00	0.01	2.994	O				2.50
291.083	0.00	0.01	2.994	O				2.49
291.167	0.00	0.01	2.994	O				2.49
291.250	0.00	0.01	2.994	O				2.49
291.333	0.00	0.01	2.994	O				2.49
291.417	0.00	0.01	2.994	O				2.49
291.500	0.00	0.01	2.994	O				2.49
291.583	0.00	0.01	2.994	O				2.49
291.667	0.00	0.01	2.993	O				2.49
291.750	0.00	0.01	2.993	O				2.49
291.833	0.00	0.01	2.993	O				2.49
291.917	0.00	0.01	2.993	O				2.49
292.000	0.00	0.01	2.993	O				2.49
292.083	0.00	0.01	2.993	O				2.49
292.167	0.00	0.01	2.993	O				2.49
292.250	0.00	0.01	2.993	O				2.49
292.333	0.00	0.01	2.993	O				2.49
292.417	0.00	0.01	2.993	O				2.49
292.500	0.00	0.01	2.993	O				2.49
292.583	0.00	0.01	2.993	O				2.49
292.667	0.00	0.01	2.993	O				2.49
292.750	0.00	0.01	2.993	O				2.49
292.833	0.00	0.01	2.993	O				2.49
292.917	0.00	0.01	2.992	O				2.49
293.000	0.00	0.01	2.992	O				2.49
293.083	0.00	0.01	2.992	O				2.49
293.167	0.00	0.01	2.992	O				2.49
293.250	0.00	0.01	2.992	O				2.49
293.333	0.00	0.01	2.992	O				2.49
293.417	0.00	0.01	2.992	O				2.49
293.500	0.00	0.01	2.992	O				2.49
293.583	0.00	0.01	2.992	O				2.49
293.667	0.00	0.01	2.992	O				2.49
293.750	0.00	0.01	2.992	O				2.49
293.833	0.00	0.01	2.992	O				2.49

293.917	0.00	0.01	2.992	O				2.49
294.000	0.00	0.01	2.992	O				2.49
294.083	0.00	0.01	2.991	O				2.49
294.167	0.00	0.01	2.991	O				2.49
294.250	0.00	0.01	2.991	O				2.49
294.333	0.00	0.01	2.991	O				2.49
294.417	0.00	0.01	2.991	O				2.49
294.500	0.00	0.01	2.991	O				2.49
294.583	0.00	0.01	2.991	O				2.49
294.667	0.00	0.01	2.991	O				2.49
294.750	0.00	0.01	2.991	O				2.49
294.833	0.00	0.01	2.991	O				2.49
294.917	0.00	0.01	2.991	O				2.49
295.000	0.00	0.01	2.991	O				2.49
295.083	0.00	0.01	2.991	O				2.49
295.167	0.00	0.01	2.991	O				2.49
295.250	0.00	0.01	2.991	O				2.49
295.333	0.00	0.01	2.990	O				2.49
295.417	0.00	0.01	2.990	O				2.49
295.500	0.00	0.01	2.990	O				2.49
295.583	0.00	0.01	2.990	O				2.49
295.667	0.00	0.01	2.990	O				2.49
295.750	0.00	0.01	2.990	O				2.49
295.833	0.00	0.01	2.990	O				2.49
295.917	0.00	0.01	2.990	O				2.49
296.000	0.00	0.01	2.990	O				2.49
296.083	0.00	0.01	2.990	O				2.49
296.167	0.00	0.01	2.990	O				2.49
296.250	0.00	0.01	2.990	O				2.49
296.333	0.00	0.01	2.990	O				2.49
296.417	0.00	0.01	2.990	O				2.49
296.500	0.00	0.01	2.990	O				2.49
296.583	0.00	0.01	2.989	O				2.49
296.667	0.00	0.01	2.989	O				2.49
296.750	0.00	0.01	2.989	O				2.49
296.833	0.00	0.01	2.989	O				2.49
296.917	0.00	0.01	2.989	O				2.49
297.000	0.00	0.01	2.989	O				2.49
297.083	0.00	0.01	2.989	O				2.49
297.167	0.00	0.01	2.989	O				2.49
297.250	0.00	0.01	2.989	O				2.49
297.333	0.00	0.01	2.989	O				2.49
297.417	0.00	0.01	2.989	O				2.49
297.500	0.00	0.01	2.989	O				2.49
297.583	0.00	0.01	2.989	O				2.49
297.667	0.00	0.01	2.989	O				2.49
297.750	0.00	0.01	2.989	O				2.49
297.833	0.00	0.01	2.988	O				2.49
297.917	0.00	0.01	2.988	O				2.49
298.000	0.00	0.01	2.988	O				2.49

298.083	0.00	0.01	2.988	O				2.49
298.167	0.00	0.01	2.988	O				2.49
298.250	0.00	0.01	2.988	O				2.49
298.333	0.00	0.01	2.988	O				2.49
298.417	0.00	0.01	2.988	O				2.49
298.500	0.00	0.01	2.988	O				2.49
298.583	0.00	0.01	2.988	O				2.49
298.667	0.00	0.01	2.988	O				2.49
298.750	0.00	0.01	2.988	O				2.49
298.833	0.00	0.01	2.988	O				2.49
298.917	0.00	0.01	2.988	O				2.49
299.000	0.00	0.01	2.987	O				2.49
299.083	0.00	0.01	2.987	O				2.49
299.167	0.00	0.01	2.987	O				2.49
299.250	0.00	0.01	2.987	O				2.49
299.333	0.00	0.01	2.987	O				2.49
299.417	0.00	0.01	2.987	O				2.49
299.500	0.00	0.01	2.987	O				2.49
299.583	0.00	0.01	2.987	O				2.49
299.667	0.00	0.01	2.987	O				2.49
299.750	0.00	0.01	2.987	O				2.49
299.833	0.00	0.01	2.987	O				2.49
299.917	0.00	0.01	2.987	O				2.49
300.000	0.00	0.01	2.987	O				2.49
300.083	0.00	0.01	2.987	O				2.49
300.167	0.00	0.01	2.987	O				2.49
300.250	0.00	0.01	2.986	O				2.49
300.333	0.00	0.01	2.986	O				2.49
300.417	0.00	0.01	2.986	O				2.49
300.500	0.00	0.01	2.986	O				2.49
300.583	0.00	0.01	2.986	O				2.49
300.667	0.00	0.01	2.986	O				2.49
300.750	0.00	0.01	2.986	O				2.49
300.833	0.00	0.01	2.986	O				2.49
300.917	0.00	0.01	2.986	O				2.49
301.000	0.00	0.01	2.986	O				2.49
301.083	0.00	0.01	2.986	O				2.49
301.167	0.00	0.01	2.986	O				2.49
301.250	0.00	0.01	2.986	O				2.49
301.333	0.00	0.01	2.986	O				2.49
301.417	0.00	0.01	2.986	O				2.49
301.500	0.00	0.01	2.985	O				2.49
301.583	0.00	0.01	2.985	O				2.49
301.667	0.00	0.01	2.985	O				2.49
301.750	0.00	0.01	2.985	O				2.49
301.833	0.00	0.01	2.985	O				2.49
301.917	0.00	0.01	2.985	O				2.49
302.000	0.00	0.01	2.985	O				2.49
302.083	0.00	0.01	2.985	O				2.49
302.167	0.00	0.01	2.985	O				2.49

302.250	0.00	0.01	2.985	O				2.49
302.333	0.00	0.01	2.985	O				2.49
302.417	0.00	0.01	2.985	O				2.49
302.500	0.00	0.01	2.985	O				2.49
302.583	0.00	0.01	2.985	O				2.49
302.667	0.00	0.01	2.985	O				2.49
302.750	0.00	0.01	2.984	O				2.49
302.833	0.00	0.01	2.984	O				2.49
302.917	0.00	0.01	2.984	O				2.49
303.000	0.00	0.01	2.984	O				2.49
303.083	0.00	0.01	2.984	O				2.49
303.167	0.00	0.01	2.984	O				2.49
303.250	0.00	0.01	2.984	O				2.49
303.333	0.00	0.01	2.984	O				2.49
303.417	0.00	0.01	2.984	O				2.49
303.500	0.00	0.01	2.984	O				2.49
303.583	0.00	0.01	2.984	O				2.49
303.667	0.00	0.01	2.984	O				2.49
303.750	0.00	0.01	2.984	O				2.49
303.833	0.00	0.01	2.984	O				2.49
303.917	0.00	0.01	2.984	O				2.49
304.000	0.00	0.01	2.983	O				2.49
304.083	0.00	0.01	2.983	O				2.49
304.167	0.00	0.01	2.983	O				2.49
304.250	0.00	0.01	2.983	O				2.49
304.333	0.00	0.01	2.983	O				2.49
304.417	0.00	0.01	2.983	O				2.49
304.500	0.00	0.01	2.983	O				2.49
304.583	0.00	0.01	2.983	O				2.49
304.667	0.00	0.01	2.983	O				2.49
304.750	0.00	0.01	2.983	O				2.49
304.833	0.00	0.01	2.983	O				2.49
304.917	0.00	0.01	2.983	O				2.49
305.000	0.00	0.01	2.983	O				2.49
305.083	0.00	0.01	2.983	O				2.49
305.167	0.00	0.01	2.983	O				2.49
305.250	0.00	0.01	2.982	O				2.49
305.333	0.00	0.01	2.982	O				2.49
305.417	0.00	0.01	2.982	O				2.49
305.500	0.00	0.01	2.982	O				2.49
305.583	0.00	0.01	2.982	O				2.49
305.667	0.00	0.01	2.982	O				2.49
305.750	0.00	0.01	2.982	O				2.49
305.833	0.00	0.01	2.982	O				2.48
305.917	0.00	0.01	2.982	O				2.48
306.000	0.00	0.01	2.982	O				2.48
306.083	0.00	0.01	2.982	O				2.48
306.167	0.00	0.01	2.982	O				2.48
306.250	0.00	0.01	2.982	O				2.48
306.333	0.00	0.01	2.982	O				2.48

306.417	0.00	0.01	2.982	O					2.48
306.500	0.00	0.01	2.981	O					2.48
306.583	0.00	0.01	2.981	O					2.48
306.667	0.00	0.01	2.981	O					2.48
306.750	0.00	0.01	2.981	O					2.48
306.833	0.00	0.01	2.981	O					2.48
306.917	0.00	0.01	2.981	O					2.48
307.000	0.00	0.01	2.981	O					2.48
307.083	0.00	0.01	2.981	O					2.48
307.167	0.00	0.01	2.981	O					2.48
307.250	0.00	0.01	2.981	O					2.48
307.333	0.00	0.01	2.981	O					2.48
307.417	0.00	0.01	2.981	O					2.48
307.500	0.00	0.01	2.981	O					2.48
307.583	0.00	0.01	2.981	O					2.48
307.667	0.00	0.01	2.981	O					2.48
307.750	0.00	0.01	2.980	O					2.48
307.833	0.00	0.01	2.980	O					2.48
307.917	0.00	0.01	2.980	O					2.48
308.000	0.00	0.01	2.980	O					2.48
308.083	0.00	0.01	2.980	O					2.48
308.167	0.00	0.01	2.980	O					2.48
308.250	0.00	0.01	2.980	O					2.48
308.333	0.00	0.01	2.980	O					2.48
308.417	0.00	0.01	2.980	O					2.48
308.500	0.00	0.01	2.980	O					2.48
308.583	0.00	0.01	2.980	O					2.48
308.667	0.00	0.01	2.980	O					2.48
308.750	0.00	0.01	2.980	O					2.48
308.833	0.00	0.01	2.980	O					2.48
308.917	0.00	0.01	2.979	O					2.48
309.000	0.00	0.01	2.979	O					2.48
309.083	0.00	0.01	2.979	O					2.48
309.167	0.00	0.01	2.979	O					2.48
309.250	0.00	0.01	2.979	O					2.48
309.333	0.00	0.01	2.979	O					2.48
309.417	0.00	0.01	2.979	O					2.48
309.500	0.00	0.01	2.979	O					2.48
309.583	0.00	0.01	2.979	O					2.48
309.667	0.00	0.01	2.979	O					2.48
309.750	0.00	0.01	2.979	O					2.48
309.833	0.00	0.01	2.979	O					2.48
309.917	0.00	0.01	2.979	O					2.48
310.000	0.00	0.01	2.979	O					2.48
310.083	0.00	0.01	2.979	O					2.48
310.167	0.00	0.01	2.978	O					2.48
310.250	0.00	0.01	2.978	O					2.48
310.333	0.00	0.01	2.978	O					2.48
310.417	0.00	0.01	2.978	O					2.48
310.500	0.00	0.01	2.978	O					2.48

310.583	0.00	0.01	2.978	O				2.48
310.667	0.00	0.01	2.978	O				2.48
310.750	0.00	0.01	2.978	O				2.48
310.833	0.00	0.01	2.978	O				2.48
310.917	0.00	0.01	2.978	O				2.48
311.000	0.00	0.01	2.978	O				2.48
311.083	0.00	0.01	2.978	O				2.48
311.167	0.00	0.01	2.978	O				2.48
311.250	0.00	0.01	2.978	O				2.48
311.333	0.00	0.01	2.978	O				2.48
311.417	0.00	0.01	2.977	O				2.48
311.500	0.00	0.01	2.977	O				2.48
311.583	0.00	0.01	2.977	O				2.48
311.667	0.00	0.01	2.977	O				2.48
311.750	0.00	0.01	2.977	O				2.48
311.833	0.00	0.01	2.977	O				2.48
311.917	0.00	0.01	2.977	O				2.48
312.000	0.00	0.01	2.977	O				2.48
312.083	0.00	0.01	2.977	O				2.48
312.167	0.00	0.01	2.977	O				2.48
312.250	0.00	0.01	2.977	O				2.48
312.333	0.00	0.01	2.977	O				2.48
312.417	0.00	0.01	2.977	O				2.48
312.500	0.00	0.01	2.977	O				2.48
312.583	0.00	0.01	2.977	O				2.48
312.667	0.00	0.01	2.977	O				2.48
312.750	0.00	0.01	2.976	O				2.48
312.833	0.00	0.01	2.976	O				2.48
312.917	0.00	0.01	2.976	O				2.48
313.000	0.00	0.01	2.976	O				2.48
313.083	0.00	0.01	2.976	O				2.48
313.167	0.00	0.01	2.976	O				2.48
313.250	0.00	0.01	2.976	O				2.48
313.333	0.00	0.01	2.976	O				2.48
313.417	0.00	0.01	2.976	O				2.48
313.500	0.00	0.01	2.976	O				2.48
313.583	0.00	0.01	2.976	O				2.48
313.667	0.00	0.01	2.976	O				2.48
313.750	0.00	0.01	2.976	O				2.48
313.833	0.00	0.01	2.976	O				2.48
313.917	0.00	0.01	2.976	O				2.48
314.000	0.00	0.01	2.975	O				2.48
314.083	0.00	0.01	2.975	O				2.48
314.167	0.00	0.01	2.975	O				2.48
314.250	0.00	0.01	2.975	O				2.48
314.333	0.00	0.01	2.975	O				2.48
314.417	0.00	0.01	2.975	O				2.48
314.500	0.00	0.01	2.975	O				2.48
314.583	0.00	0.01	2.975	O				2.48
314.667	0.00	0.01	2.975	O				2.48

314.750	0.00	0.01	2.975	O				2.48
314.833	0.00	0.01	2.975	O				2.48
314.917	0.00	0.01	2.975	O				2.48
315.000	0.00	0.01	2.975	O				2.48
315.083	0.00	0.01	2.975	O				2.48
315.167	0.00	0.01	2.975	O				2.48
315.250	0.00	0.01	2.974	O				2.48
315.333	0.00	0.01	2.974	O				2.48
315.417	0.00	0.01	2.974	O				2.48
315.500	0.00	0.01	2.974	O				2.48
315.583	0.00	0.01	2.974	O				2.48
315.667	0.00	0.01	2.974	O				2.48
315.750	0.00	0.01	2.974	O				2.48
315.833	0.00	0.01	2.974	O				2.48
315.917	0.00	0.01	2.974	O				2.48
316.000	0.00	0.01	2.974	O				2.48
316.083	0.00	0.01	2.974	O				2.48
316.167	0.00	0.01	2.974	O				2.48
316.250	0.00	0.01	2.974	O				2.48
316.333	0.00	0.01	2.974	O				2.48
316.417	0.00	0.01	2.974	O				2.48
316.500	0.00	0.01	2.973	O				2.48
316.583	0.00	0.01	2.973	O				2.48
316.667	0.00	0.01	2.973	O				2.48
316.750	0.00	0.01	2.973	O				2.48
316.833	0.00	0.01	2.973	O				2.48
316.917	0.00	0.01	2.973	O				2.48
317.000	0.00	0.01	2.973	O				2.48
317.083	0.00	0.01	2.973	O				2.48
317.167	0.00	0.01	2.973	O				2.48
317.250	0.00	0.01	2.973	O				2.48
317.333	0.00	0.01	2.973	O				2.48
317.417	0.00	0.01	2.973	O				2.48
317.500	0.00	0.01	2.973	O				2.48
317.583	0.00	0.01	2.973	O				2.48
317.667	0.00	0.01	2.973	O				2.48
317.750	0.00	0.01	2.972	O				2.48
317.833	0.00	0.01	2.972	O				2.48
317.917	0.00	0.01	2.972	O				2.48
318.000	0.00	0.01	2.972	O				2.48
318.083	0.00	0.01	2.972	O				2.48
318.167	0.00	0.01	2.972	O				2.48
318.250	0.00	0.01	2.972	O				2.48
318.333	0.00	0.01	2.972	O				2.48
318.417	0.00	0.01	2.972	O				2.48
318.500	0.00	0.01	2.972	O				2.48
318.583	0.00	0.01	2.972	O				2.48
318.667	0.00	0.01	2.972	O				2.48
318.750	0.00	0.01	2.972	O				2.48
318.833	0.00	0.01	2.972	O				2.48

318.917	0.00	0.01	2.972	O					2.48
319.000	0.00	0.01	2.971	O					2.48
319.083	0.00	0.01	2.971	O					2.48
319.167	0.00	0.01	2.971	O					2.48
319.250	0.00	0.01	2.971	O					2.48
319.333	0.00	0.01	2.971	O					2.48
319.417	0.00	0.01	2.971	O					2.48
319.500	0.00	0.01	2.971	O					2.48
319.583	0.00	0.01	2.971	O					2.48
319.667	0.00	0.01	2.971	O					2.48
319.750	0.00	0.01	2.971	O					2.48
319.833	0.00	0.01	2.971	O					2.48
319.917	0.00	0.01	2.971	O					2.48
320.000	0.00	0.01	2.971	O					2.48
320.083	0.00	0.01	2.971	O					2.48
320.167	0.00	0.01	2.971	O					2.48
320.250	0.00	0.01	2.970	O					2.48
320.333	0.00	0.01	2.970	O					2.48
320.417	0.00	0.01	2.970	O					2.48
320.500	0.00	0.01	2.970	O					2.48
320.583	0.00	0.01	2.970	O					2.48
320.667	0.00	0.01	2.970	O					2.48
320.750	0.00	0.01	2.970	O					2.48
320.833	0.00	0.01	2.970	O					2.48
320.917	0.00	0.01	2.970	O					2.47
321.000	0.00	0.01	2.970	O					2.47
321.083	0.00	0.01	2.970	O					2.47
321.167	0.00	0.01	2.970	O					2.47
321.250	0.00	0.01	2.970	O					2.47
321.333	0.00	0.01	2.970	O					2.47
321.417	0.00	0.01	2.970	O					2.47
321.500	0.00	0.01	2.969	O					2.47
321.583	0.00	0.01	2.969	O					2.47
321.667	0.00	0.01	2.969	O					2.47
321.750	0.00	0.01	2.969	O					2.47
321.833	0.00	0.01	2.969	O					2.47
321.917	0.00	0.01	2.969	O					2.47
322.000	0.00	0.01	2.969	O					2.47
322.083	0.00	0.01	2.969	O					2.47
322.167	0.00	0.01	2.969	O					2.47
322.250	0.00	0.01	2.969	O					2.47
322.333	0.00	0.01	2.969	O					2.47
322.417	0.00	0.01	2.969	O					2.47
322.500	0.00	0.01	2.969	O					2.47
322.583	0.00	0.01	2.969	O					2.47
322.667	0.00	0.01	2.969	O					2.47
322.750	0.00	0.01	2.969	O					2.47
322.833	0.00	0.01	2.968	O					2.47
322.917	0.00	0.01	2.968	O					2.47
323.000	0.00	0.01	2.968	O					2.47

323.083	0.00	0.01	2.968	O				2.47
323.167	0.00	0.01	2.968	O				2.47
323.250	0.00	0.01	2.968	O				2.47
323.333	0.00	0.01	2.968	O				2.47
323.417	0.00	0.01	2.968	O				2.47
323.500	0.00	0.01	2.968	O				2.47
323.583	0.00	0.01	2.968	O				2.47
323.667	0.00	0.01	2.968	O				2.47
323.750	0.00	0.01	2.968	O				2.47
323.833	0.00	0.01	2.968	O				2.47
323.917	0.00	0.01	2.968	O				2.47
324.000	0.00	0.01	2.968	O				2.47
324.083	0.00	0.01	2.967	O				2.47
324.167	0.00	0.01	2.967	O				2.47
324.250	0.00	0.01	2.967	O				2.47
324.333	0.00	0.01	2.967	O				2.47
324.417	0.00	0.01	2.967	O				2.47
324.500	0.00	0.01	2.967	O				2.47
324.583	0.00	0.01	2.967	O				2.47
324.667	0.00	0.01	2.967	O				2.47
324.750	0.00	0.01	2.967	O				2.47
324.833	0.00	0.01	2.967	O				2.47
324.917	0.00	0.01	2.967	O				2.47
325.000	0.00	0.01	2.967	O				2.47
325.083	0.00	0.01	2.967	O				2.47
325.167	0.00	0.01	2.967	O				2.47
325.250	0.00	0.01	2.967	O				2.47
325.333	0.00	0.01	2.966	O				2.47
325.417	0.00	0.01	2.966	O				2.47
325.500	0.00	0.01	2.966	O				2.47
325.583	0.00	0.01	2.966	O				2.47
325.667	0.00	0.01	2.966	O				2.47
325.750	0.00	0.01	2.966	O				2.47
325.833	0.00	0.01	2.966	O				2.47
325.917	0.00	0.01	2.966	O				2.47
326.000	0.00	0.01	2.966	O				2.47
326.083	0.00	0.01	2.966	O				2.47
326.167	0.00	0.01	2.966	O				2.47
326.250	0.00	0.01	2.966	O				2.47
326.333	0.00	0.01	2.966	O				2.47
326.417	0.00	0.01	2.966	O				2.47
326.500	0.00	0.01	2.966	O				2.47
326.583	0.00	0.01	2.966	O				2.47
326.667	0.00	0.01	2.965	O				2.47
326.750	0.00	0.01	2.965	O				2.47
326.833	0.00	0.01	2.965	O				2.47
326.917	0.00	0.01	2.965	O				2.47
327.000	0.00	0.01	2.965	O				2.47
327.083	0.00	0.01	2.965	O				2.47
327.167	0.00	0.01	2.965	O				2.47

327.250	0.00	0.01	2.965	O				2.47
327.333	0.00	0.01	2.965	O				2.47
327.417	0.00	0.01	2.965	O				2.47
327.500	0.00	0.01	2.965	O				2.47
327.583	0.00	0.01	2.965	O				2.47
327.667	0.00	0.01	2.965	O				2.47
327.750	0.00	0.01	2.965	O				2.47
327.833	0.00	0.01	2.965	O				2.47
327.917	0.00	0.01	2.964	O				2.47
328.000	0.00	0.01	2.964	O				2.47
328.083	0.00	0.01	2.964	O				2.47
328.167	0.00	0.01	2.964	O				2.47
328.250	0.00	0.01	2.964	O				2.47
328.333	0.00	0.01	2.964	O				2.47
328.417	0.00	0.01	2.964	O				2.47
328.500	0.00	0.01	2.964	O				2.47
328.583	0.00	0.01	2.964	O				2.47
328.667	0.00	0.01	2.964	O				2.47
328.750	0.00	0.01	2.964	O				2.47
328.833	0.00	0.01	2.964	O				2.47
328.917	0.00	0.01	2.964	O				2.47
329.000	0.00	0.01	2.964	O				2.47
329.083	0.00	0.01	2.964	O				2.47
329.167	0.00	0.01	2.963	O				2.47
329.250	0.00	0.01	2.963	O				2.47
329.333	0.00	0.01	2.963	O				2.47
329.417	0.00	0.01	2.963	O				2.47
329.500	0.00	0.01	2.963	O				2.47
329.583	0.00	0.01	2.963	O				2.47
329.667	0.00	0.01	2.963	O				2.47
329.750	0.00	0.01	2.963	O				2.47
329.833	0.00	0.01	2.963	O				2.47
329.917	0.00	0.01	2.963	O				2.47
330.000	0.00	0.01	2.963	O				2.47
330.083	0.00	0.01	2.963	O				2.47
330.167	0.00	0.01	2.963	O				2.47
330.250	0.00	0.01	2.963	O				2.47
330.333	0.00	0.01	2.963	O				2.47
330.417	0.00	0.01	2.963	O				2.47
330.500	0.00	0.01	2.962	O				2.47
330.583	0.00	0.01	2.962	O				2.47
330.667	0.00	0.01	2.962	O				2.47
330.750	0.00	0.01	2.962	O				2.47
330.833	0.00	0.01	2.962	O				2.47
330.917	0.00	0.01	2.962	O				2.47
331.000	0.00	0.01	2.962	O				2.47
331.083	0.00	0.01	2.962	O				2.47
331.167	0.00	0.01	2.962	O				2.47
331.250	0.00	0.01	2.962	O				2.47
331.333	0.00	0.01	2.962	O				2.47

331.417	0.00	0.01	2.962	O					2.47
331.500	0.00	0.01	2.962	O					2.47
331.583	0.00	0.01	2.962	O					2.47
331.667	0.00	0.01	2.962	O					2.47
331.750	0.00	0.01	2.961	O					2.47
331.833	0.00	0.01	2.961	O					2.47
331.917	0.00	0.01	2.961	O					2.47
332.000	0.00	0.01	2.961	O					2.47
332.083	0.00	0.01	2.961	O					2.47
332.167	0.00	0.01	2.961	O					2.47
332.250	0.00	0.01	2.961	O					2.47
332.333	0.00	0.01	2.961	O					2.47
332.417	0.00	0.01	2.961	O					2.47
332.500	0.00	0.01	2.961	O					2.47
332.583	0.00	0.01	2.961	O					2.47
332.667	0.00	0.01	2.961	O					2.47
332.750	0.00	0.01	2.961	O					2.47
332.833	0.00	0.01	2.961	O					2.47
332.917	0.00	0.01	2.961	O					2.47
333.000	0.00	0.01	2.960	O					2.47
333.083	0.00	0.01	2.960	O					2.47
333.167	0.00	0.01	2.960	O					2.47
333.250	0.00	0.01	2.960	O					2.47
333.333	0.00	0.01	2.960	O					2.47
333.417	0.00	0.01	2.960	O					2.47
333.500	0.00	0.01	2.960	O					2.47
333.583	0.00	0.01	2.960	O					2.47
333.667	0.00	0.01	2.960	O					2.47
333.750	0.00	0.01	2.960	O					2.47
333.833	0.00	0.01	2.960	O					2.47
333.917	0.00	0.01	2.960	O					2.47
334.000	0.00	0.01	2.960	O					2.47
334.083	0.00	0.01	2.960	O					2.47
334.167	0.00	0.01	2.960	O					2.47
334.250	0.00	0.01	2.960	O					2.47
334.333	0.00	0.01	2.959	O					2.47
334.417	0.00	0.01	2.959	O					2.47
334.500	0.00	0.01	2.959	O					2.47
334.583	0.00	0.01	2.959	O					2.47
334.667	0.00	0.01	2.959	O					2.47
334.750	0.00	0.01	2.959	O					2.47
334.833	0.00	0.01	2.959	O					2.47
334.917	0.00	0.01	2.959	O					2.47
335.000	0.00	0.01	2.959	O					2.47
335.083	0.00	0.01	2.959	O					2.47
335.167	0.00	0.01	2.959	O					2.47
335.250	0.00	0.01	2.959	O					2.47
335.333	0.00	0.01	2.959	O					2.47
335.417	0.00	0.01	2.959	O					2.47
335.500	0.00	0.01	2.959	O					2.47

335.583	0.00	0.01	2.958	O				2.47
335.667	0.00	0.01	2.958	O				2.47
335.750	0.00	0.01	2.958	O				2.47
335.833	0.00	0.01	2.958	O				2.47
335.917	0.00	0.01	2.958	O				2.47
336.000	0.00	0.01	2.958	O				2.47
336.083	0.00	0.01	2.958	O				2.47
336.167	0.00	0.01	2.958	O				2.47
336.250	0.00	0.01	2.958	O				2.46
336.333	0.00	0.01	2.958	O				2.46
336.417	0.00	0.01	2.958	O				2.46
336.500	0.00	0.01	2.958	O				2.46
336.583	0.00	0.01	2.958	O				2.46
336.667	0.00	0.01	2.958	O				2.46
336.750	0.00	0.01	2.958	O				2.46
336.833	0.00	0.01	2.958	O				2.46
336.917	0.00	0.01	2.957	O				2.46
337.000	0.00	0.01	2.957	O				2.46
337.083	0.00	0.01	2.957	O				2.46
337.167	0.00	0.01	2.957	O				2.46
337.250	0.00	0.01	2.957	O				2.46
337.333	0.00	0.01	2.957	O				2.46
337.417	0.00	0.01	2.957	O				2.46
337.500	0.00	0.01	2.957	O				2.46
337.583	0.00	0.01	2.957	O				2.46
337.667	0.00	0.01	2.957	O				2.46
337.750	0.00	0.01	2.957	O				2.46
337.833	0.00	0.01	2.957	O				2.46
337.917	0.00	0.01	2.957	O				2.46
338.000	0.00	0.01	2.957	O				2.46
338.083	0.00	0.01	2.957	O				2.46
338.167	0.00	0.01	2.956	O				2.46
338.250	0.00	0.01	2.956	O				2.46
338.333	0.00	0.01	2.956	O				2.46
338.417	0.00	0.01	2.956	O				2.46
338.500	0.00	0.01	2.956	O				2.46
338.583	0.00	0.01	2.956	O				2.46
338.667	0.00	0.01	2.956	O				2.46
338.750	0.00	0.01	2.956	O				2.46
338.833	0.00	0.01	2.956	O				2.46
338.917	0.00	0.01	2.956	O				2.46
339.000	0.00	0.01	2.956	O				2.46
339.083	0.00	0.01	2.956	O				2.46
339.167	0.00	0.01	2.956	O				2.46
339.250	0.00	0.01	2.956	O				2.46
339.333	0.00	0.01	2.956	O				2.46
339.417	0.00	0.01	2.956	O				2.46
339.500	0.00	0.01	2.955	O				2.46
339.583	0.00	0.01	2.955	O				2.46
339.667	0.00	0.01	2.955	O				2.46

339.750	0.00	0.01	2.955	O				2.46
339.833	0.00	0.01	2.955	O				2.46
339.917	0.00	0.01	2.955	O				2.46
340.000	0.00	0.01	2.955	O				2.46
340.083	0.00	0.01	2.955	O				2.46
340.167	0.00	0.01	2.955	O				2.46
340.250	0.00	0.01	2.955	O				2.46
340.333	0.00	0.01	2.955	O				2.46
340.417	0.00	0.01	2.955	O				2.46
340.500	0.00	0.01	2.955	O				2.46
340.583	0.00	0.01	2.955	O				2.46
340.667	0.00	0.01	2.955	O				2.46
340.750	0.00	0.01	2.954	O				2.46
340.833	0.00	0.01	2.954	O				2.46
340.917	0.00	0.01	2.954	O				2.46
341.000	0.00	0.01	2.954	O				2.46
341.083	0.00	0.01	2.954	O				2.46
341.167	0.00	0.01	2.954	O				2.46
341.250	0.00	0.01	2.954	O				2.46
341.333	0.00	0.01	2.954	O				2.46
341.417	0.00	0.01	2.954	O				2.46
341.500	0.00	0.01	2.954	O				2.46
341.583	0.00	0.01	2.954	O				2.46
341.667	0.00	0.01	2.954	O				2.46
341.750	0.00	0.01	2.954	O				2.46
341.833	0.00	0.01	2.954	O				2.46
341.917	0.00	0.01	2.954	O				2.46
342.000	0.00	0.01	2.954	O				2.46
342.083	0.00	0.01	2.953	O				2.46
342.167	0.00	0.01	2.953	O				2.46
342.250	0.00	0.01	2.953	O				2.46
342.333	0.00	0.01	2.953	O				2.46
342.417	0.00	0.01	2.953	O				2.46
342.500	0.00	0.01	2.953	O				2.46
342.583	0.00	0.01	2.953	O				2.46
342.667	0.00	0.01	2.953	O				2.46
342.750	0.00	0.01	2.953	O				2.46
342.833	0.00	0.01	2.953	O				2.46
342.917	0.00	0.01	2.953	O				2.46
343.000	0.00	0.01	2.953	O				2.46
343.083	0.00	0.01	2.953	O				2.46
343.167	0.00	0.01	2.953	O				2.46
343.250	0.00	0.01	2.953	O				2.46
343.333	0.00	0.01	2.953	O				2.46
343.417	0.00	0.01	2.952	O				2.46
343.500	0.00	0.01	2.952	O				2.46
343.583	0.00	0.01	2.952	O				2.46
343.667	0.00	0.01	2.952	O				2.46
343.750	0.00	0.01	2.952	O				2.46
343.833	0.00	0.01	2.952	O				2.46

343.917	0.00	0.01	2.952	O					2.46
344.000	0.00	0.01	2.952	O					2.46
344.083	0.00	0.01	2.952	O					2.46
344.167	0.00	0.01	2.952	O					2.46
344.250	0.00	0.01	2.952	O					2.46
344.333	0.00	0.01	2.952	O					2.46
344.417	0.00	0.01	2.952	O					2.46
344.500	0.00	0.01	2.952	O					2.46
344.583	0.00	0.01	2.952	O					2.46
344.667	0.00	0.01	2.951	O					2.46
344.750	0.00	0.01	2.951	O					2.46
344.833	0.00	0.01	2.951	O					2.46
344.917	0.00	0.01	2.951	O					2.46
345.000	0.00	0.01	2.951	O					2.46
345.083	0.00	0.01	2.951	O					2.46
345.167	0.00	0.01	2.951	O					2.46
345.250	0.00	0.01	2.951	O					2.46
345.333	0.00	0.01	2.951	O					2.46
345.417	0.00	0.01	2.951	O					2.46
345.500	0.00	0.01	2.951	O					2.46
345.583	0.00	0.01	2.951	O					2.46
345.667	0.00	0.01	2.951	O					2.46
345.750	0.00	0.01	2.951	O					2.46
345.833	0.00	0.01	2.951	O					2.46
345.917	0.00	0.01	2.951	O					2.46
346.000	0.00	0.01	2.950	O					2.46
346.083	0.00	0.01	2.950	O					2.46
346.167	0.00	0.01	2.950	O					2.46
346.250	0.00	0.01	2.950	O					2.46
346.333	0.00	0.01	2.950	O					2.46
346.417	0.00	0.01	2.950	O					2.46
346.500	0.00	0.01	2.950	O					2.46
346.583	0.00	0.01	2.950	O					2.46
346.667	0.00	0.01	2.950	O					2.46
346.750	0.00	0.01	2.950	O					2.46
346.833	0.00	0.01	2.950	O					2.46
346.917	0.00	0.01	2.950	O					2.46
347.000	0.00	0.01	2.950	O					2.46
347.083	0.00	0.01	2.950	O					2.46
347.167	0.00	0.01	2.950	O					2.46
347.250	0.00	0.01	2.950	O					2.46
347.333	0.00	0.01	2.949	O					2.46
347.417	0.00	0.01	2.949	O					2.46
347.500	0.00	0.01	2.949	O					2.46
347.583	0.00	0.01	2.949	O					2.46
347.667	0.00	0.01	2.949	O					2.46
347.750	0.00	0.01	2.949	O					2.46
347.833	0.00	0.01	2.949	O					2.46
347.917	0.00	0.01	2.949	O					2.46
348.000	0.00	0.01	2.949	O					2.46

348.083	0.00	0.01	2.949	O				2.46
348.167	0.00	0.01	2.949	O				2.46
348.250	0.00	0.01	2.949	O				2.46
348.333	0.00	0.01	2.949	O				2.46
348.417	0.00	0.01	2.949	O				2.46
348.500	0.00	0.01	2.949	O				2.46
348.583	0.00	0.01	2.948	O				2.46
348.667	0.00	0.01	2.948	O				2.46
348.750	0.00	0.01	2.948	O				2.46
348.833	0.00	0.01	2.948	O				2.46
348.917	0.00	0.01	2.948	O				2.46
349.000	0.00	0.01	2.948	O				2.46
349.083	0.00	0.01	2.948	O				2.46
349.167	0.00	0.01	2.948	O				2.46
349.250	0.00	0.01	2.948	O				2.46
349.333	0.00	0.01	2.948	O				2.46
349.417	0.00	0.01	2.948	O				2.46
349.500	0.00	0.01	2.948	O				2.46
349.583	0.00	0.01	2.948	O				2.46
349.667	0.00	0.01	2.948	O				2.46
349.750	0.00	0.01	2.948	O				2.46
349.833	0.00	0.01	2.948	O				2.46
349.917	0.00	0.01	2.947	O				2.46
350.000	0.00	0.01	2.947	O				2.46
350.083	0.00	0.01	2.947	O				2.46
350.167	0.00	0.01	2.947	O				2.46
350.250	0.00	0.01	2.947	O				2.46
350.333	0.00	0.01	2.947	O				2.46
350.417	0.00	0.01	2.947	O				2.46
350.500	0.00	0.01	2.947	O				2.46
350.583	0.00	0.01	2.947	O				2.46
350.667	0.00	0.01	2.947	O				2.46
350.750	0.00	0.01	2.947	O				2.46
350.833	0.00	0.01	2.947	O				2.46
350.917	0.00	0.01	2.947	O				2.46
351.000	0.00	0.01	2.947	O				2.46
351.083	0.00	0.01	2.947	O				2.46
351.167	0.00	0.01	2.947	O				2.46
351.250	0.00	0.01	2.946	O				2.46
351.333	0.00	0.01	2.946	O				2.46
351.417	0.00	0.01	2.946	O				2.46
351.500	0.00	0.01	2.946	O				2.46
351.583	0.00	0.01	2.946	O				2.46
351.667	0.00	0.01	2.946	O				2.46
351.750	0.00	0.01	2.946	O				2.46
351.833	0.00	0.01	2.946	O				2.46
351.917	0.00	0.01	2.946	O				2.45
352.000	0.00	0.01	2.946	O				2.45
352.083	0.00	0.01	2.946	O				2.45
352.167	0.00	0.01	2.946	O				2.45

352.250	0.00	0.01	2.946	O				2.45
352.333	0.00	0.01	2.946	O				2.45
352.417	0.00	0.01	2.946	O				2.45
352.500	0.00	0.01	2.946	O				2.45
352.583	0.00	0.01	2.945	O				2.45
352.667	0.00	0.01	2.945	O				2.45
352.750	0.00	0.01	2.945	O				2.45
352.833	0.00	0.01	2.945	O				2.45
352.917	0.00	0.01	2.945	O				2.45
353.000	0.00	0.01	2.945	O				2.45
353.083	0.00	0.01	2.945	O				2.45
353.167	0.00	0.01	2.945	O				2.45
353.250	0.00	0.01	2.945	O				2.45
353.333	0.00	0.01	2.945	O				2.45
353.417	0.00	0.01	2.945	O				2.45
353.500	0.00	0.01	2.945	O				2.45
353.583	0.00	0.01	2.945	O				2.45
353.667	0.00	0.01	2.945	O				2.45
353.750	0.00	0.01	2.945	O				2.45
353.833	0.00	0.01	2.945	O				2.45
353.917	0.00	0.01	2.944	O				2.45
354.000	0.00	0.01	2.944	O				2.45
354.083	0.00	0.01	2.944	O				2.45
354.167	0.00	0.01	2.944	O				2.45
354.250	0.00	0.01	2.944	O				2.45
354.333	0.00	0.01	2.944	O				2.45
354.417	0.00	0.01	2.944	O				2.45
354.500	0.00	0.01	2.944	O				2.45
354.583	0.00	0.01	2.944	O				2.45
354.667	0.00	0.01	2.944	O				2.45
354.750	0.00	0.01	2.944	O				2.45
354.833	0.00	0.01	2.944	O				2.45
354.917	0.00	0.01	2.944	O				2.45
355.000	0.00	0.01	2.944	O				2.45
355.083	0.00	0.01	2.944	O				2.45
355.167	0.00	0.01	2.943	O				2.45
355.250	0.00	0.01	2.943	O				2.45
355.333	0.00	0.01	2.943	O				2.45
355.417	0.00	0.01	2.943	O				2.45
355.500	0.00	0.01	2.943	O				2.45
355.583	0.00	0.01	2.943	O				2.45
355.667	0.00	0.01	2.943	O				2.45
355.750	0.00	0.01	2.943	O				2.45
355.833	0.00	0.01	2.943	O				2.45
355.917	0.00	0.01	2.943	O				2.45
356.000	0.00	0.01	2.943	O				2.45
356.083	0.00	0.01	2.943	O				2.45
356.167	0.00	0.01	2.943	O				2.45
356.250	0.00	0.01	2.943	O				2.45
356.333	0.00	0.01	2.943	O				2.45

356.417	0.00	0.01	2.943	O	|	|	|	|	2.45
356.500	0.00	0.01	2.942	O	|	|	|	|	2.45
356.583	0.00	0.01	2.942	O	|	|	|	|	2.45
356.667	0.00	0.01	2.942	O	|	|	|	|	2.45
356.750	0.00	0.01	2.942	O	|	|	|	|	2.45
356.833	0.00	0.01	2.942	O	|	|	|	|	2.45
356.917	0.00	0.01	2.942	O	|	|	|	|	2.45
357.000	0.00	0.01	2.942	O	|	|	|	|	2.45
357.083	0.00	0.01	2.942	O	|	|	|	|	2.45
357.167	0.00	0.01	2.942	O	|	|	|	|	2.45
357.250	0.00	0.01	2.942	O	|	|	|	|	2.45
357.333	0.00	0.01	2.942	O	|	|	|	|	2.45
357.417	0.00	0.01	2.942	O	|	|	|	|	2.45
357.500	0.00	0.01	2.942	O	|	|	|	|	2.45
357.583	0.00	0.01	2.942	O	|	|	|	|	2.45
357.667	0.00	0.01	2.942	O	|	|	|	|	2.45
357.750	0.00	0.01	2.942	O	|	|	|	|	2.45
357.833	0.00	0.01	2.941	O	|	|	|	|	2.45
357.917	0.00	0.01	2.941	O	|	|	|	|	2.45
358.000	0.00	0.01	2.941	O	|	|	|	|	2.45
358.083	0.00	0.01	2.941	O	|	|	|	|	2.45
358.167	0.00	0.01	2.941	O	|	|	|	|	2.45
358.250	0.00	0.01	2.941	O	|	|	|	|	2.45
358.333	0.00	0.01	2.941	O	|	|	|	|	2.45
358.417	0.00	0.01	2.941	O	|	|	|	|	2.45
358.500	0.00	0.01	2.941	O	|	|	|	|	2.45
358.583	0.00	0.01	2.941	O	|	|	|	|	2.45
358.667	0.00	0.01	2.941	O	|	|	|	|	2.45
358.750	0.00	0.01	2.941	O	|	|	|	|	2.45
358.833	0.00	0.01	2.941	O	|	|	|	|	2.45
358.917	0.00	0.01	2.941	O	|	|	|	|	2.45
359.000	0.00	0.01	2.941	O	|	|	|	|	2.45
359.083	0.00	0.01	2.941	O	|	|	|	|	2.45
359.167	0.00	0.01	2.940	O	|	|	|	|	2.45
359.250	0.00	0.01	2.940	O	|	|	|	|	2.45
359.333	0.00	0.01	2.940	O	|	|	|	|	2.45
359.417	0.00	0.01	2.940	O	|	|	|	|	2.45
359.500	0.00	0.01	2.940	O	|	|	|	|	2.45
359.583	0.00	0.01	2.940	O	|	|	|	|	2.45
359.667	0.00	0.01	2.940	O	|	|	|	|	2.45
359.750	0.00	0.01	2.940	O	|	|	|	|	2.45
359.833	0.00	0.01	2.940	O	|	|	|	|	2.45
359.917	0.00	0.01	2.940	O	|	|	|	|	2.45
360.000	0.00	0.01	2.940	O	|	|	|	|	2.45
360.083	0.00	0.01	2.940	O	|	|	|	|	2.45
360.167	0.00	0.01	2.940	O	|	|	|	|	2.45
360.250	0.00	0.01	2.940	O	|	|	|	|	2.45
360.333	0.00	0.01	2.940	O	|	|	|	|	2.45
360.417	0.00	0.01	2.940	O	|	|	|	|	2.45
360.500	0.00	0.01	2.939	O	|	|	|	|	2.45

360.583	0.00	0.01	2.939	O				2.45
360.667	0.00	0.01	2.939	O				2.45
360.750	0.00	0.01	2.939	O				2.45
360.833	0.00	0.01	2.939	O				2.45
360.917	0.00	0.01	2.939	O				2.45
361.000	0.00	0.01	2.939	O				2.45
361.083	0.00	0.01	2.939	O				2.45
361.167	0.00	0.01	2.939	O				2.45
361.250	0.00	0.01	2.939	O				2.45
361.333	0.00	0.01	2.939	O				2.45
361.417	0.00	0.01	2.939	O				2.45
361.500	0.00	0.01	2.939	O				2.45
361.583	0.00	0.01	2.939	O				2.45
361.667	0.00	0.01	2.939	O				2.45
361.750	0.00	0.01	2.939	O				2.45
361.833	0.00	0.01	2.938	O				2.45
361.917	0.00	0.01	2.938	O				2.45
362.000	0.00	0.01	2.938	O				2.45
362.083	0.00	0.01	2.938	O				2.45
362.167	0.00	0.01	2.938	O				2.45
362.250	0.00	0.01	2.938	O				2.45
362.333	0.00	0.01	2.938	O				2.45
362.417	0.00	0.01	2.938	O				2.45
362.500	0.00	0.01	2.938	O				2.45
362.583	0.00	0.01	2.938	O				2.45
362.667	0.00	0.01	2.938	O				2.45
362.750	0.00	0.01	2.938	O				2.45
362.833	0.00	0.01	2.938	O				2.45
362.917	0.00	0.01	2.938	O				2.45
363.000	0.00	0.01	2.938	O				2.45
363.083	0.00	0.01	2.938	O				2.45
363.167	0.00	0.01	2.937	O				2.45
363.250	0.00	0.01	2.937	O				2.45
363.333	0.00	0.01	2.937	O				2.45
363.417	0.00	0.01	2.937	O				2.45
363.500	0.00	0.01	2.937	O				2.45
363.583	0.00	0.01	2.937	O				2.45
363.667	0.00	0.01	2.937	O				2.45
363.750	0.00	0.01	2.937	O				2.45
363.833	0.00	0.01	2.937	O				2.45
363.917	0.00	0.01	2.937	O				2.45
364.000	0.00	0.01	2.937	O				2.45
364.083	0.00	0.01	2.937	O				2.45
364.167	0.00	0.01	2.937	O				2.45
364.250	0.00	0.01	2.937	O				2.45
364.333	0.00	0.01	2.937	O				2.45
364.417	0.00	0.01	2.937	O				2.45
364.500	0.00	0.01	2.936	O				2.45
364.583	0.00	0.01	2.936	O				2.45
364.667	0.00	0.01	2.936	O				2.45

364.750	0.00	0.01	2.936	O				2.45
364.833	0.00	0.01	2.936	O				2.45
364.917	0.00	0.01	2.936	O				2.45
365.000	0.00	0.01	2.936	O				2.45
365.083	0.00	0.01	2.936	O				2.45
365.167	0.00	0.01	2.936	O				2.45
365.250	0.00	0.01	2.936	O				2.45
365.333	0.00	0.01	2.936	O				2.45
365.417	0.00	0.01	2.936	O				2.45
365.500	0.00	0.01	2.936	O				2.45
365.583	0.00	0.01	2.936	O				2.45
365.667	0.00	0.01	2.936	O				2.45
365.750	0.00	0.01	2.936	O				2.45
365.833	0.00	0.01	2.935	O				2.45
365.917	0.00	0.01	2.935	O				2.45
366.000	0.00	0.01	2.935	O				2.45
366.083	0.00	0.01	2.935	O				2.45
366.167	0.00	0.01	2.935	O				2.45
366.250	0.00	0.01	2.935	O				2.45
366.333	0.00	0.01	2.935	O				2.45
366.417	0.00	0.01	2.935	O				2.45
366.500	0.00	0.01	2.935	O				2.45
366.583	0.00	0.01	2.935	O				2.45
366.667	0.00	0.01	2.935	O				2.45
366.750	0.00	0.01	2.935	O				2.45
366.833	0.00	0.01	2.935	O				2.45
366.917	0.00	0.01	2.935	O				2.45
367.000	0.00	0.01	2.935	O				2.45
367.083	0.00	0.01	2.935	O				2.45
367.167	0.00	0.01	2.934	O				2.45
367.250	0.00	0.01	2.934	O				2.45
367.333	0.00	0.01	2.934	O				2.45
367.417	0.00	0.01	2.934	O				2.45
367.500	0.00	0.01	2.934	O				2.45
367.583	0.00	0.01	2.934	O				2.45
367.667	0.00	0.01	2.934	O				2.45
367.750	0.00	0.01	2.934	O				2.45
367.833	0.00	0.01	2.934	O				2.44
367.917	0.00	0.01	2.934	O				2.44
368.000	0.00	0.01	2.934	O				2.44
368.083	0.00	0.01	2.934	O				2.44
368.167	0.00	0.01	2.934	O				2.44
368.250	0.00	0.01	2.934	O				2.44
368.333	0.00	0.01	2.934	O				2.44
368.417	0.00	0.01	2.934	O				2.44
368.500	0.00	0.01	2.933	O				2.44
368.583	0.00	0.01	2.933	O				2.44
368.667	0.00	0.01	2.933	O				2.44
368.750	0.00	0.01	2.933	O				2.44
368.833	0.00	0.01	2.933	O				2.44

368.917	0.00	0.01	2.933	O					2.44
369.000	0.00	0.01	2.933	O					2.44
369.083	0.00	0.01	2.933	O					2.44
369.167	0.00	0.01	2.933	O					2.44
369.250	0.00	0.01	2.933	O					2.44
369.333	0.00	0.01	2.933	O					2.44
369.417	0.00	0.01	2.933	O					2.44
369.500	0.00	0.01	2.933	O					2.44
369.583	0.00	0.01	2.933	O					2.44
369.667	0.00	0.01	2.933	O					2.44
369.750	0.00	0.01	2.933	O					2.44
369.833	0.00	0.01	2.932	O					2.44
369.917	0.00	0.01	2.932	O					2.44
370.000	0.00	0.01	2.932	O					2.44
370.083	0.00	0.01	2.932	O					2.44
370.167	0.00	0.01	2.932	O					2.44
370.250	0.00	0.01	2.932	O					2.44
370.333	0.00	0.01	2.932	O					2.44
370.417	0.00	0.01	2.932	O					2.44
370.500	0.00	0.01	2.932	O					2.44
370.583	0.00	0.01	2.932	O					2.44
370.667	0.00	0.01	2.932	O					2.44
370.750	0.00	0.01	2.932	O					2.44
370.833	0.00	0.01	2.932	O					2.44
370.917	0.00	0.01	2.932	O					2.44
371.000	0.00	0.01	2.932	O					2.44
371.083	0.00	0.01	2.932	O					2.44
371.167	0.00	0.01	2.932	O					2.44
371.250	0.00	0.01	2.931	O					2.44
371.333	0.00	0.01	2.931	O					2.44
371.417	0.00	0.01	2.931	O					2.44
371.500	0.00	0.01	2.931	O					2.44
371.583	0.00	0.01	2.931	O					2.44
371.667	0.00	0.01	2.931	O					2.44
371.750	0.00	0.01	2.931	O					2.44
371.833	0.00	0.01	2.931	O					2.44
371.917	0.00	0.01	2.931	O					2.44
372.000	0.00	0.01	2.931	O					2.44
372.083	0.00	0.01	2.931	O					2.44
372.167	0.00	0.01	2.931	O					2.44
372.250	0.00	0.01	2.931	O					2.44
372.333	0.00	0.01	2.931	O					2.44
372.417	0.00	0.01	2.931	O					2.44
372.500	0.00	0.01	2.931	O					2.44
372.583	0.00	0.01	2.930	O					2.44
372.667	0.00	0.01	2.930	O					2.44
372.750	0.00	0.01	2.930	O					2.44
372.833	0.00	0.01	2.930	O					2.44
372.917	0.00	0.01	2.930	O					2.44
373.000	0.00	0.01	2.930	O					2.44

373.083	0.00	0.01	2.930	O					2.44
373.167	0.00	0.01	2.930	O					2.44
373.250	0.00	0.01	2.930	O					2.44
373.333	0.00	0.01	2.930	O					2.44
373.417	0.00	0.01	2.930	O					2.44
373.500	0.00	0.01	2.930	O					2.44
373.583	0.00	0.01	2.930	O					2.44
373.667	0.00	0.01	2.930	O					2.44
373.750	0.00	0.01	2.930	O					2.44
373.833	0.00	0.01	2.930	O					2.44
373.917	0.00	0.01	2.929	O					2.44
374.000	0.00	0.01	2.929	O					2.44
374.083	0.00	0.01	2.929	O					2.44
374.167	0.00	0.01	2.929	O					2.44
374.250	0.00	0.01	2.929	O					2.44
374.333	0.00	0.01	2.929	O					2.44
374.417	0.00	0.01	2.929	O					2.44
374.500	0.00	0.01	2.929	O					2.44
374.583	0.00	0.01	2.929	O					2.44
374.667	0.00	0.01	2.929	O					2.44
374.750	0.00	0.01	2.929	O					2.44
374.833	0.00	0.01	2.929	O					2.44
374.917	0.00	0.01	2.929	O					2.44
375.000	0.00	0.01	2.929	O					2.44
375.083	0.00	0.01	2.929	O					2.44
375.167	0.00	0.01	2.929	O					2.44
375.250	0.00	0.01	2.928	O					2.44
375.333	0.00	0.01	2.928	O					2.44
375.417	0.00	0.01	2.928	O					2.44
375.500	0.00	0.01	2.928	O					2.44
375.583	0.00	0.01	2.928	O					2.44
375.667	0.00	0.01	2.928	O					2.44
375.750	0.00	0.01	2.928	O					2.44
375.833	0.00	0.01	2.928	O					2.44
375.917	0.00	0.01	2.928	O					2.44
376.000	0.00	0.01	2.928	O					2.44
376.083	0.00	0.01	2.928	O					2.44
376.167	0.00	0.01	2.928	O					2.44
376.250	0.00	0.01	2.928	O					2.44
376.333	0.00	0.01	2.928	O					2.44
376.417	0.00	0.01	2.928	O					2.44
376.500	0.00	0.01	2.928	O					2.44
376.583	0.00	0.01	2.928	O					2.44
376.667	0.00	0.01	2.927	O					2.44
376.750	0.00	0.01	2.927	O					2.44
376.833	0.00	0.01	2.927	O					2.44
376.917	0.00	0.01	2.927	O					2.44
377.000	0.00	0.01	2.927	O					2.44
377.083	0.00	0.01	2.927	O					2.44
377.167	0.00	0.01	2.927	O					2.44

377.250	0.00	0.01	2.927	O				2.44
377.333	0.00	0.01	2.927	O				2.44
377.417	0.00	0.01	2.927	O				2.44
377.500	0.00	0.01	2.927	O				2.44
377.583	0.00	0.01	2.927	O				2.44
377.667	0.00	0.01	2.927	O				2.44
377.750	0.00	0.01	2.927	O				2.44
377.833	0.00	0.01	2.927	O				2.44
377.917	0.00	0.01	2.927	O				2.44
378.000	0.00	0.01	2.926	O				2.44
378.083	0.00	0.01	2.926	O				2.44
378.167	0.00	0.01	2.926	O				2.44
378.250	0.00	0.01	2.926	O				2.44
378.333	0.00	0.01	2.926	O				2.44
378.417	0.00	0.01	2.926	O				2.44
378.500	0.00	0.01	2.926	O				2.44
378.583	0.00	0.01	2.926	O				2.44
378.667	0.00	0.01	2.926	O				2.44
378.750	0.00	0.01	2.926	O				2.44
378.833	0.00	0.01	2.926	O				2.44
378.917	0.00	0.01	2.926	O				2.44
379.000	0.00	0.01	2.926	O				2.44
379.083	0.00	0.01	2.926	O				2.44
379.167	0.00	0.01	2.926	O				2.44
379.250	0.00	0.01	2.926	O				2.44
379.333	0.00	0.01	2.925	O				2.44
379.417	0.00	0.01	2.925	O				2.44
379.500	0.00	0.01	2.925	O				2.44
379.583	0.00	0.01	2.925	O				2.44
379.667	0.00	0.01	2.925	O				2.44
379.750	0.00	0.01	2.925	O				2.44
379.833	0.00	0.01	2.925	O				2.44
379.917	0.00	0.01	2.925	O				2.44
380.000	0.00	0.01	2.925	O				2.44
380.083	0.00	0.01	2.925	O				2.44
380.167	0.00	0.01	2.925	O				2.44
380.250	0.00	0.01	2.925	O				2.44
380.333	0.00	0.01	2.925	O				2.44
380.417	0.00	0.01	2.925	O				2.44
380.500	0.00	0.01	2.925	O				2.44
380.583	0.00	0.01	2.925	O				2.44
380.667	0.00	0.01	2.925	O				2.44
380.750	0.00	0.01	2.924	O				2.44
380.833	0.00	0.01	2.924	O				2.44
380.917	0.00	0.01	2.924	O				2.44
381.000	0.00	0.01	2.924	O				2.44
381.083	0.00	0.01	2.924	O				2.44
381.167	0.00	0.01	2.924	O				2.44
381.250	0.00	0.01	2.924	O				2.44
381.333	0.00	0.01	2.924	O				2.44

381.417	0.00	0.01	2.924	O				2.44
381.500	0.00	0.01	2.924	O				2.44
381.583	0.00	0.01	2.924	O				2.44
381.667	0.00	0.01	2.924	O				2.44
381.750	0.00	0.01	2.924	O				2.44
381.833	0.00	0.01	2.924	O				2.44
381.917	0.00	0.01	2.924	O				2.44
382.000	0.00	0.01	2.924	O				2.44
382.083	0.00	0.01	2.923	O				2.44
382.167	0.00	0.01	2.923	O				2.44
382.250	0.00	0.01	2.923	O				2.44
382.333	0.00	0.01	2.923	O				2.44
382.417	0.00	0.01	2.923	O				2.44
382.500	0.00	0.01	2.923	O				2.44
382.583	0.00	0.01	2.923	O				2.44
382.667	0.00	0.01	2.923	O				2.44
382.750	0.00	0.01	2.923	O				2.44
382.833	0.00	0.01	2.923	O				2.44
382.917	0.00	0.01	2.923	O				2.44
383.000	0.00	0.01	2.923	O				2.44
383.083	0.00	0.01	2.923	O				2.44
383.167	0.00	0.01	2.923	O				2.44
383.250	0.00	0.01	2.923	O				2.44
383.333	0.00	0.01	2.923	O				2.44
383.417	0.00	0.01	2.922	O				2.44
383.500	0.00	0.01	2.922	O				2.44
383.583	0.00	0.01	2.922	O				2.44
383.667	0.00	0.01	2.922	O				2.44
383.750	0.00	0.01	2.922	O				2.44
383.833	0.00	0.01	2.922	O				2.44
383.917	0.00	0.01	2.922	O				2.44
384.000	0.00	0.01	2.922	O				2.44
384.083	0.00	0.01	2.922	O				2.44
384.167	0.00	0.01	2.922	O				2.43
384.250	0.00	0.01	2.922	O				2.43
384.333	0.00	0.01	2.922	O				2.43
384.417	0.00	0.01	2.922	O				2.43
384.500	0.00	0.01	2.922	O				2.43
384.583	0.00	0.01	2.922	O				2.43
384.667	0.00	0.01	2.922	O				2.43
384.750	0.00	0.01	2.922	O				2.43
384.833	0.00	0.01	2.921	O				2.43
384.917	0.00	0.01	2.921	O				2.43
385.000	0.00	0.01	2.921	O				2.43
385.083	0.00	0.01	2.921	O				2.43
385.167	0.00	0.01	2.921	O				2.43
385.250	0.00	0.01	2.921	O				2.43
385.333	0.00	0.01	2.921	O				2.43
385.417	0.00	0.01	2.921	O				2.43
385.500	0.00	0.01	2.921	O				2.43

385.583	0.00	0.01	2.921	O				2.43
385.667	0.00	0.01	2.921	O				2.43
385.750	0.00	0.01	2.921	O				2.43
385.833	0.00	0.01	2.921	O				2.43
385.917	0.00	0.01	2.921	O				2.43
386.000	0.00	0.01	2.921	O				2.43
386.083	0.00	0.01	2.921	O				2.43
386.167	0.00	0.01	2.920	O				2.43
386.250	0.00	0.01	2.920	O				2.43
386.333	0.00	0.01	2.920	O				2.43
386.417	0.00	0.01	2.920	O				2.43
386.500	0.00	0.01	2.920	O				2.43
386.583	0.00	0.01	2.920	O				2.43
386.667	0.00	0.01	2.920	O				2.43
386.750	0.00	0.01	2.920	O				2.43
386.833	0.00	0.01	2.920	O				2.43
386.917	0.00	0.01	2.920	O				2.43
387.000	0.00	0.01	2.920	O				2.43
387.083	0.00	0.01	2.920	O				2.43
387.167	0.00	0.01	2.920	O				2.43
387.250	0.00	0.01	2.920	O				2.43
387.333	0.00	0.01	2.920	O				2.43
387.417	0.00	0.01	2.920	O				2.43
387.500	0.00	0.01	2.920	O				2.43
387.583	0.00	0.01	2.919	O				2.43
387.667	0.00	0.01	2.919	O				2.43
387.750	0.00	0.01	2.919	O				2.43
387.833	0.00	0.01	2.919	O				2.43
387.917	0.00	0.01	2.919	O				2.43
388.000	0.00	0.01	2.919	O				2.43
388.083	0.00	0.01	2.919	O				2.43
388.167	0.00	0.01	2.919	O				2.43
388.250	0.00	0.01	2.919	O				2.43
388.333	0.00	0.01	2.919	O				2.43
388.417	0.00	0.01	2.919	O				2.43
388.500	0.00	0.01	2.919	O				2.43
388.583	0.00	0.01	2.919	O				2.43
388.667	0.00	0.01	2.919	O				2.43
388.750	0.00	0.01	2.919	O				2.43
388.833	0.00	0.01	2.919	O				2.43
388.917	0.00	0.01	2.918	O				2.43
389.000	0.00	0.01	2.918	O				2.43
389.083	0.00	0.01	2.918	O				2.43
389.167	0.00	0.01	2.918	O				2.43
389.250	0.00	0.01	2.918	O				2.43
389.333	0.00	0.01	2.918	O				2.43
389.417	0.00	0.01	2.918	O				2.43
389.500	0.00	0.01	2.918	O				2.43
389.583	0.00	0.01	2.918	O				2.43
389.667	0.00	0.01	2.918	O				2.43

389.750	0.00	0.01	2.918	O				2.43
389.833	0.00	0.01	2.918	O				2.43
389.917	0.00	0.01	2.918	O				2.43
390.000	0.00	0.01	2.918	O				2.43
390.083	0.00	0.01	2.918	O				2.43
390.167	0.00	0.01	2.918	O				2.43
390.250	0.00	0.01	2.918	O				2.43
390.333	0.00	0.01	2.917	O				2.43
390.417	0.00	0.01	2.917	O				2.43
390.500	0.00	0.01	2.917	O				2.43
390.583	0.00	0.01	2.917	O				2.43
390.667	0.00	0.01	2.917	O				2.43
390.750	0.00	0.01	2.917	O				2.43
390.833	0.00	0.01	2.917	O				2.43
390.917	0.00	0.01	2.917	O				2.43
391.000	0.00	0.01	2.917	O				2.43
391.083	0.00	0.01	2.917	O				2.43
391.167	0.00	0.01	2.917	O				2.43
391.250	0.00	0.01	2.917	O				2.43
391.333	0.00	0.01	2.917	O				2.43
391.417	0.00	0.01	2.917	O				2.43
391.500	0.00	0.01	2.917	O				2.43
391.583	0.00	0.01	2.917	O				2.43
391.667	0.00	0.01	2.916	O				2.43
391.750	0.00	0.01	2.916	O				2.43
391.833	0.00	0.01	2.916	O				2.43
391.917	0.00	0.01	2.916	O				2.43
392.000	0.00	0.01	2.916	O				2.43
392.083	0.00	0.01	2.916	O				2.43
392.167	0.00	0.01	2.916	O				2.43
392.250	0.00	0.01	2.916	O				2.43
392.333	0.00	0.01	2.916	O				2.43
392.417	0.00	0.01	2.916	O				2.43
392.500	0.00	0.01	2.916	O				2.43
392.583	0.00	0.01	2.916	O				2.43
392.667	0.00	0.01	2.916	O				2.43
392.750	0.00	0.01	2.916	O				2.43
392.833	0.00	0.01	2.916	O				2.43
392.917	0.00	0.01	2.916	O				2.43
393.000	0.00	0.01	2.916	O				2.43
393.083	0.00	0.01	2.915	O				2.43
393.167	0.00	0.01	2.915	O				2.43
393.250	0.00	0.01	2.915	O				2.43
393.333	0.00	0.01	2.915	O				2.43
393.417	0.00	0.01	2.915	O				2.43
393.500	0.00	0.01	2.915	O				2.43
393.583	0.00	0.01	2.915	O				2.43
393.667	0.00	0.01	2.915	O				2.43
393.750	0.00	0.01	2.915	O				2.43
393.833	0.00	0.01	2.915	O				2.43

393.917	0.00	0.01	2.915	O					2.43
394.000	0.00	0.01	2.915	O					2.43
394.083	0.00	0.01	2.915	O					2.43
394.167	0.00	0.01	2.915	O					2.43
394.250	0.00	0.01	2.915	O					2.43
394.333	0.00	0.01	2.915	O					2.43
394.417	0.00	0.01	2.915	O					2.43
394.500	0.00	0.01	2.914	O					2.43
394.583	0.00	0.01	2.914	O					2.43
394.667	0.00	0.01	2.914	O					2.43
394.750	0.00	0.01	2.914	O					2.43
394.833	0.00	0.01	2.914	O					2.43
394.917	0.00	0.01	2.914	O					2.43
395.000	0.00	0.01	2.914	O					2.43
395.083	0.00	0.01	2.914	O					2.43
395.167	0.00	0.01	2.914	O					2.43
395.250	0.00	0.01	2.914	O					2.43
395.333	0.00	0.01	2.914	O					2.43
395.417	0.00	0.01	2.914	O					2.43
395.500	0.00	0.01	2.914	O					2.43
395.583	0.00	0.01	2.914	O					2.43
395.667	0.00	0.01	2.914	O					2.43
395.750	0.00	0.01	2.914	O					2.43
395.833	0.00	0.01	2.913	O					2.43
395.917	0.00	0.01	2.913	O					2.43
396.000	0.00	0.01	2.913	O					2.43
396.083	0.00	0.01	2.913	O					2.43
396.167	0.00	0.01	2.913	O					2.43
396.250	0.00	0.01	2.913	O					2.43
396.333	0.00	0.01	2.913	O					2.43
396.417	0.00	0.01	2.913	O					2.43
396.500	0.00	0.01	2.913	O					2.43
396.583	0.00	0.01	2.913	O					2.43
396.667	0.00	0.01	2.913	O					2.43
396.750	0.00	0.01	2.913	O					2.43
396.833	0.00	0.01	2.913	O					2.43
396.917	0.00	0.01	2.913	O					2.43
397.000	0.00	0.01	2.913	O					2.43
397.083	0.00	0.01	2.913	O					2.43
397.167	0.00	0.01	2.913	O					2.43
397.250	0.00	0.01	2.912	O					2.43
397.333	0.00	0.01	2.912	O					2.43
397.417	0.00	0.01	2.912	O					2.43
397.500	0.00	0.01	2.912	O					2.43
397.583	0.00	0.01	2.912	O					2.43
397.667	0.00	0.01	2.912	O					2.43
397.750	0.00	0.01	2.912	O					2.43
397.833	0.00	0.01	2.912	O					2.43
397.917	0.00	0.01	2.912	O					2.43
398.000	0.00	0.01	2.912	O					2.43

398.083	0.00	0.01	2.912	O				2.43
398.167	0.00	0.01	2.912	O				2.43
398.250	0.00	0.01	2.912	O				2.43
398.333	0.00	0.01	2.912	O				2.43
398.417	0.00	0.01	2.912	O				2.43
398.500	0.00	0.01	2.912	O				2.43
398.583	0.00	0.01	2.912	O				2.43
398.667	0.00	0.01	2.911	O				2.43
398.750	0.00	0.01	2.911	O				2.43
398.833	0.00	0.01	2.911	O				2.43
398.917	0.00	0.01	2.911	O				2.43
399.000	0.00	0.01	2.911	O				2.43
399.083	0.00	0.01	2.911	O				2.43
399.167	0.00	0.01	2.911	O				2.43
399.250	0.00	0.01	2.911	O				2.43
399.333	0.00	0.01	2.911	O				2.43
399.417	0.00	0.01	2.911	O				2.43
399.500	0.00	0.01	2.911	O				2.43
399.583	0.00	0.01	2.911	O				2.43
399.667	0.00	0.01	2.911	O				2.43
399.750	0.00	0.01	2.911	O				2.43
399.833	0.00	0.01	2.911	O				2.43
399.917	0.00	0.01	2.911	O				2.43
400.000	0.00	0.01	2.911	O				2.43
400.083	0.00	0.01	2.910	O				2.43
400.167	0.00	0.01	2.910	O				2.43
400.250	0.00	0.01	2.910	O				2.43
400.333	0.00	0.01	2.910	O				2.43
400.417	0.00	0.01	2.910	O				2.43
400.500	0.00	0.01	2.910	O				2.43
400.583	0.00	0.01	2.910	O				2.43
400.667	0.00	0.01	2.910	O				2.43
400.750	0.00	0.01	2.910	O				2.42
400.833	0.00	0.01	2.910	O				2.42
400.917	0.00	0.01	2.910	O				2.42
401.000	0.00	0.01	2.910	O				2.42
401.083	0.00	0.01	2.910	O				2.42
401.167	0.00	0.01	2.910	O				2.42
401.250	0.00	0.01	2.910	O				2.42
401.333	0.00	0.01	2.910	O				2.42
401.417	0.00	0.01	2.909	O				2.42
401.500	0.00	0.01	2.909	O				2.42
401.583	0.00	0.01	2.909	O				2.42
401.667	0.00	0.01	2.909	O				2.42
401.750	0.00	0.01	2.909	O				2.42
401.833	0.00	0.01	2.909	O				2.42
401.917	0.00	0.01	2.909	O				2.42
402.000	0.00	0.01	2.909	O				2.42
402.083	0.00	0.01	2.909	O				2.42
402.167	0.00	0.01	2.909	O				2.42

402.250	0.00	0.01	2.909	O				2.42
402.333	0.00	0.01	2.909	O				2.42
402.417	0.00	0.01	2.909	O				2.42
402.500	0.00	0.01	2.909	O				2.42
402.583	0.00	0.01	2.909	O				2.42
402.667	0.00	0.01	2.909	O				2.42
402.750	0.00	0.01	2.909	O				2.42
402.833	0.00	0.01	2.908	O				2.42
402.917	0.00	0.01	2.908	O				2.42
403.000	0.00	0.01	2.908	O				2.42
403.083	0.00	0.01	2.908	O				2.42
403.167	0.00	0.01	2.908	O				2.42
403.250	0.00	0.01	2.908	O				2.42
403.333	0.00	0.01	2.908	O				2.42
403.417	0.00	0.01	2.908	O				2.42
403.500	0.00	0.01	2.908	O				2.42
403.583	0.00	0.01	2.908	O				2.42
403.667	0.00	0.01	2.908	O				2.42
403.750	0.00	0.01	2.908	O				2.42
403.833	0.00	0.01	2.908	O				2.42
403.917	0.00	0.01	2.908	O				2.42
404.000	0.00	0.01	2.908	O				2.42
404.083	0.00	0.01	2.908	O				2.42
404.167	0.00	0.01	2.908	O				2.42
404.250	0.00	0.01	2.907	O				2.42
404.333	0.00	0.01	2.907	O				2.42
404.417	0.00	0.01	2.907	O				2.42
404.500	0.00	0.01	2.907	O				2.42
404.583	0.00	0.01	2.907	O				2.42
404.667	0.00	0.01	2.907	O				2.42
404.750	0.00	0.01	2.907	O				2.42
404.833	0.00	0.01	2.907	O				2.42
404.917	0.00	0.01	2.907	O				2.42
405.000	0.00	0.01	2.907	O				2.42
405.083	0.00	0.01	2.907	O				2.42
405.167	0.00	0.01	2.907	O				2.42
405.250	0.00	0.01	2.907	O				2.42
405.333	0.00	0.01	2.907	O				2.42
405.417	0.00	0.01	2.907	O				2.42
405.500	0.00	0.01	2.907	O				2.42
405.583	0.00	0.01	2.907	O				2.42
405.667	0.00	0.01	2.906	O				2.42
405.750	0.00	0.01	2.906	O				2.42
405.833	0.00	0.01	2.906	O				2.42
405.917	0.00	0.01	2.906	O				2.42
406.000	0.00	0.01	2.906	O				2.42
406.083	0.00	0.01	2.906	O				2.42
406.167	0.00	0.01	2.906	O				2.42
406.250	0.00	0.01	2.906	O				2.42
406.333	0.00	0.01	2.906	O				2.42

406.417	0.00	0.01	2.906	O	|	|	|	2.42
406.500	0.00	0.01	2.906	O	|	|	|	2.42
406.583	0.00	0.01	2.906	O	|	|	|	2.42
406.667	0.00	0.01	2.906	O	|	|	|	2.42
406.750	0.00	0.01	2.906	O	|	|	|	2.42
406.833	0.00	0.01	2.906	O	|	|	|	2.42
406.917	0.00	0.01	2.906	O	|	|	|	2.42
407.000	0.00	0.01	2.906	O	|	|	|	2.42
407.083	0.00	0.01	2.905	O	|	|	|	2.42
407.167	0.00	0.01	2.905	O	|	|	|	2.42
407.250	0.00	0.01	2.905	O	|	|	|	2.42
407.333	0.00	0.01	2.905	O	|	|	|	2.42
407.417	0.00	0.01	2.905	O	|	|	|	2.42
407.500	0.00	0.01	2.905	O	|	|	|	2.42
407.583	0.00	0.01	2.905	O	|	|	|	2.42
407.667	0.00	0.01	2.905	O	|	|	|	2.42
407.750	0.00	0.01	2.905	O	|	|	|	2.42
407.833	0.00	0.01	2.905	O	|	|	|	2.42
407.917	0.00	0.01	2.905	O	|	|	|	2.42
408.000	0.00	0.01	2.905	O	|	|	|	2.42
408.083	0.00	0.01	2.905	O	|	|	|	2.42
408.167	0.00	0.01	2.905	O	|	|	|	2.42
408.250	0.00	0.01	2.905	O	|	|	|	2.42
408.333	0.00	0.01	2.905	O	|	|	|	2.42
408.417	0.00	0.01	2.905	O	|	|	|	2.42
408.500	0.00	0.01	2.904	O	|	|	|	2.42
408.583	0.00	0.01	2.904	O	|	|	|	2.42
408.667	0.00	0.01	2.904	O	|	|	|	2.42
408.750	0.00	0.01	2.904	O	|	|	|	2.42
408.833	0.00	0.01	2.904	O	|	|	|	2.42
408.917	0.00	0.01	2.904	O	|	|	|	2.42
409.000	0.00	0.01	2.904	O	|	|	|	2.42
409.083	0.00	0.01	2.904	O	|	|	|	2.42
409.167	0.00	0.01	2.904	O	|	|	|	2.42
409.250	0.00	0.01	2.904	O	|	|	|	2.42
409.333	0.00	0.01	2.904	O	|	|	|	2.42
409.417	0.00	0.01	2.904	O	|	|	|	2.42
409.500	0.00	0.01	2.904	O	|	|	|	2.42
409.583	0.00	0.01	2.904	O	|	|	|	2.42
409.667	0.00	0.01	2.904	O	|	|	|	2.42
409.750	0.00	0.01	2.904	O	|	|	|	2.42
409.833	0.00	0.01	2.904	O	|	|	|	2.42
409.917	0.00	0.01	2.903	O	|	|	|	2.42
410.000	0.00	0.01	2.903	O	|	|	|	2.42
410.083	0.00	0.01	2.903	O	|	|	|	2.42
410.167	0.00	0.01	2.903	O	|	|	|	2.42
410.250	0.00	0.01	2.903	O	|	|	|	2.42
410.333	0.00	0.01	2.903	O	|	|	|	2.42
410.417	0.00	0.01	2.903	O	|	|	|	2.42
410.500	0.00	0.01	2.903	O	|	|	|	2.42

410.583	0.00	0.01	2.903	O					2.42
410.667	0.00	0.01	2.903	O					2.42
410.750	0.00	0.01	2.903	O					2.42
410.833	0.00	0.01	2.903	O					2.42
410.917	0.00	0.01	2.903	O					2.42
411.000	0.00	0.01	2.903	O					2.42
411.083	0.00	0.01	2.903	O					2.42
411.167	0.00	0.01	2.903	O					2.42
411.250	0.00	0.01	2.903	O					2.42
411.333	0.00	0.01	2.902	O					2.42
411.417	0.00	0.01	2.902	O					2.42
411.500	0.00	0.01	2.902	O					2.42
411.583	0.00	0.01	2.902	O					2.42
411.667	0.00	0.01	2.902	O					2.42
411.750	0.00	0.01	2.902	O					2.42
411.833	0.00	0.01	2.902	O					2.42
411.917	0.00	0.01	2.902	O					2.42
412.000	0.00	0.01	2.902	O					2.42
412.083	0.00	0.01	2.902	O					2.42
412.167	0.00	0.01	2.902	O					2.42
412.250	0.00	0.01	2.902	O					2.42
412.333	0.00	0.01	2.902	O					2.42
412.417	0.00	0.01	2.902	O					2.42
412.500	0.00	0.01	2.902	O					2.42
412.583	0.00	0.01	2.902	O					2.42
412.667	0.00	0.01	2.902	O					2.42
412.750	0.00	0.01	2.901	O					2.42
412.833	0.00	0.01	2.901	O					2.42
412.917	0.00	0.01	2.901	O					2.42
413.000	0.00	0.01	2.901	O					2.42
413.083	0.00	0.01	2.901	O					2.42
413.167	0.00	0.01	2.901	O					2.42
413.250	0.00	0.01	2.901	O					2.42
413.333	0.00	0.01	2.901	O					2.42
413.417	0.00	0.01	2.901	O					2.42
413.500	0.00	0.01	2.901	O					2.42
413.583	0.00	0.01	2.901	O					2.42
413.667	0.00	0.01	2.901	O					2.42
413.750	0.00	0.01	2.901	O					2.42
413.833	0.00	0.01	2.901	O					2.42
413.917	0.00	0.01	2.901	O					2.42
414.000	0.00	0.01	2.901	O					2.42
414.083	0.00	0.01	2.901	O					2.42
414.167	0.00	0.01	2.900	O					2.42
414.250	0.00	0.01	2.900	O					2.42
414.333	0.00	0.01	2.900	O					2.42
414.417	0.00	0.01	2.900	O					2.42
414.500	0.00	0.01	2.900	O					2.42
414.583	0.00	0.01	2.900	O					2.42
414.667	0.00	0.01	2.900	O					2.42

414.750	0.00	0.01	2.900	O	|	|	|	2.42
414.833	0.00	0.01	2.900	O	|	|	|	2.42
414.917	0.00	0.01	2.900	O	|	|	|	2.42
415.000	0.00	0.01	2.900	O	|	|	|	2.42
415.083	0.00	0.01	2.900	O	|	|	|	2.42
415.167	0.00	0.01	2.900	O	|	|	|	2.42
415.250	0.00	0.01	2.900	O	|	|	|	2.42
415.333	0.00	0.01	2.900	O	|	|	|	2.42
415.417	0.00	0.01	2.900	O	|	|	|	2.42
415.500	0.00	0.01	2.900	O	|	|	|	2.42
415.583	0.00	0.01	2.899	O	|	|	|	2.42
415.667	0.00	0.01	2.899	O	|	|	|	2.42
415.750	0.00	0.01	2.899	O	|	|	|	2.42
415.833	0.00	0.01	2.899	O	|	|	|	2.42
415.917	0.00	0.01	2.899	O	|	|	|	2.42
416.000	0.00	0.01	2.899	O	|	|	|	2.42
416.083	0.00	0.01	2.899	O	|	|	|	2.42
416.167	0.00	0.01	2.899	O	|	|	|	2.42
416.250	0.00	0.01	2.899	O	|	|	|	2.42
416.333	0.00	0.01	2.899	O	|	|	|	2.42
416.417	0.00	0.01	2.899	O	|	|	|	2.42
416.500	0.00	0.01	2.899	O	|	|	|	2.42
416.583	0.00	0.01	2.899	O	|	|	|	2.42
416.667	0.00	0.01	2.899	O	|	|	|	2.42

Remaining water in basin = 2.90 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 20.133 (CFS)
Total volume = 4.310 (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 - 2014
Study date: 08/07/22

IENLC
Basin D
10-year

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: 10yrareaC.rte
**********HYDROGRAPH DATA**********
Number of intervals = 303
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 51.008 (CFS)
Total volume = 5.791 (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 100.000 to Point/Station 103.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 303
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.450	0.001	1.450	1.450
2.000	1.940	0.010	1.940	1.940
2.500	2.420	0.100	2.420	2.420
3.000	2.910	0.100	2.910	2.910
3.500	3.390	0.100	3.390	3.390
4.000	3.880	10.000	3.846	3.914
4.500	4.170	20.000	4.101	4.239
5.000	4.250	20.000	4.181	4.319

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 12.8 25.50 38.26 51.01	Depth (Ft.)
0.083	0.04	0.00	0.000	O | | | |	0.00
0.167	0.34	0.00	0.001	O | | | |	0.00
0.250	0.67	0.00	0.005	O | | | |	0.01
0.333	0.82	0.00	0.010	O | | | |	0.01
0.417	0.90	0.00	0.016	O | | | |	0.02
0.500	0.96	0.00	0.022	O | | | |	0.02
0.583	1.00	0.00	0.029	O | | | |	0.03
0.667	1.04	0.00	0.036	O | | | |	0.04
0.750	1.06	0.00	0.043	O | | | |	0.04
0.833	1.08	0.00	0.051	O | | | |	0.05
0.917	1.10	0.00	0.058	O | | | |	0.06
1.000	1.11	0.00	0.066	O | | | |	0.07
1.083	1.12	0.00	0.074	O | | | |	0.08
1.167	1.13	0.00	0.081	O | | | |	0.08
1.250	1.14	0.00	0.089	O | | | |	0.09
1.333	1.14	0.00	0.097	O | | | |	0.10
1.417	1.15	0.00	0.105	O | | | |	0.11
1.500	1.15	0.00	0.113	O | | | |	0.12
1.583	1.16	0.00	0.121	O | | | |	0.12
1.667	1.16	0.00	0.129	O | | | |	0.13
1.750	1.16	0.00	0.137	O | | | |	0.14
1.833	1.17	0.00	0.145	O | | | |	0.15
1.917	1.17	0.00	0.153	O | | | |	0.16
2.000	1.18	0.00	0.161	O | | | |	0.17
2.083	1.18	0.00	0.169	O | | | |	0.17
2.167	1.19	0.00	0.177	O | | | |	0.18

2.250	1.19	0.00	0.185	O	|	|	|	0.19
2.333	1.19	0.00	0.194	O	|	|	|	0.20
2.417	1.20	0.00	0.202	O	|	|	|	0.21
2.500	1.20	0.00	0.210	O	|	|	|	0.22
2.583	1.21	0.00	0.218	O	|	|	|	0.23
2.667	1.21	0.00	0.227	O	|	|	|	0.23
2.750	1.22	0.00	0.235	O	|	|	|	0.24
2.833	1.22	0.00	0.243	O	|	|	|	0.25
2.917	1.23	0.00	0.252	O	|	|	|	0.26
3.000	1.23	0.00	0.260	O	|	|	|	0.27
3.083	1.23	0.00	0.269	O	|	|	|	0.28
3.167	1.24	0.00	0.277	O	|	|	|	0.29
3.250	1.24	0.00	0.286	O	|	|	|	0.30
3.333	1.25	0.00	0.294	O	|	|	|	0.30
3.417	1.25	0.00	0.303	O	|	|	|	0.31
3.500	1.26	0.00	0.312	O	|	|	|	0.32
3.583	1.26	0.00	0.320	O	|	|	|	0.33
3.667	1.27	0.00	0.329	O	|	|	|	0.34
3.750	1.27	0.00	0.338	O	|	|	|	0.35
3.833	1.28	0.00	0.347	O	|	|	|	0.36
3.917	1.28	0.00	0.355	O	|	|	|	0.37
4.000	1.29	0.00	0.364	O	|	|	|	0.38
4.083	1.30	0.00	0.373	O	|	|	|	0.39
4.167	1.30	0.00	0.382	O	|	|	|	0.40
4.250	1.31	0.00	0.391	O	|	|	|	0.40
4.333	1.31	0.00	0.400	O	|	|	|	0.41
4.417	1.32	0.00	0.409	O	|	|	|	0.42
4.500	1.32	0.00	0.418	O	|	|	|	0.43
4.583	1.33	0.00	0.427	O	|	|	|	0.44
4.667	1.33	0.00	0.437	O	|	|	|	0.45
4.750	1.34	0.00	0.446	O	|	|	|	0.46
4.833	1.35	0.00	0.455	O	|	|	|	0.47
4.917	1.35	0.00	0.464	O	|	|	|	0.48
5.000	1.36	0.00	0.474	O	|	|	|	0.49
5.083	1.36	0.00	0.483	O	|	|	|	0.50
5.167	1.37	0.00	0.492	O	|	|	|	0.51
5.250	1.38	0.00	0.502	O	|	|	|	0.52
5.333	1.38	0.00	0.511	O	|	|	|	0.53
5.417	1.39	0.00	0.521	O	|	|	|	0.54
5.500	1.40	0.00	0.531	O	|	|	|	0.55
5.583	1.40	0.00	0.540	O	|	|	|	0.56
5.667	1.41	0.00	0.550	O	|	|	|	0.57
5.750	1.42	0.00	0.560	O	|	|	|	0.58
5.833	1.42	0.00	0.569	O	|	|	|	0.59
5.917	1.43	0.00	0.579	O	|	|	|	0.60
6.000	1.44	0.00	0.589	O	|	|	|	0.61
6.083	1.44	0.00	0.599	O	|	|	|	0.62
6.167	1.45	0.00	0.609	O	|	|	|	0.63
6.250	1.46	0.00	0.619	O	|	|	|	0.64
6.333	1.47	0.00	0.629	O	|	|	|	0.65

6.417	1.47	0.00	0.639	O				0.66
6.500	1.48	0.00	0.649	O				0.67
6.583	1.49	0.00	0.660	O				0.68
6.667	1.50	0.00	0.670	O				0.69
6.750	1.50	0.00	0.680	O				0.70
6.833	1.51	0.00	0.691	O				0.71
6.917	1.52	0.00	0.701	O				0.73
7.000	1.53	0.00	0.712	O				0.74
7.083	1.54	0.00	0.722	O				0.75
7.167	1.55	0.00	0.733	O				0.76
7.250	1.56	0.00	0.743	O				0.77
7.333	1.56	0.00	0.754	O				0.78
7.417	1.57	0.00	0.765	O				0.79
7.500	1.58	0.00	0.776	O				0.80
7.583	1.59	0.00	0.787	O				0.81
7.667	1.60	0.00	0.798	OI				0.83
7.750	1.61	0.00	0.809	OI				0.84
7.833	1.62	0.00	0.820	OI				0.85
7.917	1.63	0.00	0.831	OI				0.86
8.000	1.64	0.00	0.842	OI				0.87
8.083	1.65	0.00	0.854	OI				0.88
8.167	1.66	0.00	0.865	OI				0.89
8.250	1.67	0.00	0.876	OI				0.91
8.333	1.68	0.00	0.888	OI				0.92
8.417	1.69	0.00	0.900	OI				0.93
8.500	1.70	0.00	0.911	OI				0.94
8.583	1.71	0.00	0.923	OI				0.95
8.667	1.73	0.00	0.935	OI				0.97
8.750	1.74	0.00	0.947	OI				0.98
8.833	1.75	0.00	0.959	OI				0.99
8.917	1.76	0.00	0.971	OI				1.00
9.000	1.77	0.00	0.983	OI				1.02
9.083	1.78	0.00	0.995	OI				1.03
9.167	1.80	0.00	1.008	OI				1.04
9.250	1.81	0.00	1.020	OI				1.06
9.333	1.82	0.00	1.033	OI				1.07
9.417	1.84	0.00	1.045	OI				1.08
9.500	1.85	0.00	1.058	OI				1.09
9.583	1.86	0.00	1.071	OI				1.11
9.667	1.88	0.00	1.083	OI				1.12
9.750	1.89	0.00	1.096	OI				1.13
9.833	1.91	0.00	1.110	OI				1.15
9.917	1.92	0.00	1.123	OI				1.16
10.000	1.94	0.00	1.136	OI				1.18
10.083	1.95	0.00	1.149	OI				1.19
10.167	1.97	0.00	1.163	OI				1.20
10.250	1.99	0.00	1.177	OI				1.22
10.333	2.00	0.00	1.190	OI				1.23
10.417	2.02	0.00	1.204	OI				1.25
10.500	2.04	0.00	1.218	OI				1.26

10.583	2.06	0.00	1.232	OI	|	|	|	1.27
10.667	2.08	0.00	1.246	OI	|	|	|	1.29
10.750	2.09	0.00	1.261	OI	|	|	|	1.30
10.833	2.11	0.00	1.275	OI	|	|	|	1.32
10.917	2.13	0.00	1.290	OI	|	|	|	1.33
11.000	2.15	0.00	1.305	OI	|	|	|	1.35
11.083	2.18	0.00	1.320	OI	|	|	|	1.37
11.167	2.20	0.00	1.335	OI	|	|	|	1.38
11.250	2.22	0.00	1.350	OI	|	|	|	1.40
11.333	2.24	0.00	1.365	OI	|	|	|	1.41
11.417	2.26	0.00	1.381	OI	|	|	|	1.43
11.500	2.29	0.00	1.396	OI	|	|	|	1.44
11.583	2.31	0.00	1.412	OI	|	|	|	1.46
11.667	2.34	0.00	1.428	OI	|	|	|	1.48
11.750	2.36	0.00	1.444	OI	|	|	|	1.49
11.833	2.39	0.00	1.461	OI	|	|	|	1.51
11.917	2.42	0.00	1.477	OI	|	|	|	1.53
12.000	2.45	0.00	1.494	OI	|	|	|	1.54
12.083	2.48	0.00	1.511	OI	|	|	|	1.56
12.167	2.52	0.00	1.528	OI	|	|	|	1.58
12.250	2.56	0.00	1.546	OI	|	|	|	1.60
12.333	2.60	0.00	1.564	OI	|	|	|	1.62
12.417	2.64	0.00	1.582	OI	|	|	|	1.63
12.500	2.68	0.00	1.600	OI	|	|	|	1.65
12.583	2.71	0.00	1.618	OI	|	|	|	1.67
12.667	2.75	0.00	1.637	OI	|	|	|	1.69
12.750	2.79	0.00	1.656	OI	|	|	|	1.71
12.833	2.83	0.01	1.676	OI	|	|	|	1.73
12.917	2.88	0.01	1.695	OI	|	|	|	1.75
13.000	2.92	0.01	1.715	OI	|	|	|	1.77
13.083	2.97	0.01	1.735	OI	|	|	|	1.79
13.167	3.01	0.01	1.756	OI	|	|	|	1.81
13.250	3.06	0.01	1.777	OI	|	|	|	1.83
13.333	3.12	0.01	1.798	OI	|	|	|	1.86
13.417	3.17	0.01	1.820	OI	|	|	|	1.88
13.500	3.23	0.01	1.842	O I	|	|	|	1.90
13.583	3.29	0.01	1.864	O I	|	|	|	1.92
13.667	3.35	0.01	1.887	O I	|	|	|	1.95
13.750	3.41	0.01	1.910	O I	|	|	|	1.97
13.833	3.48	0.01	1.934	O I	|	|	|	1.99
13.917	3.56	0.01	1.958	O I	|	|	|	2.02
14.000	3.63	0.02	1.982	O I	|	|	|	2.04
14.083	3.72	0.02	2.008	O I	|	|	|	2.07
14.167	3.81	0.03	2.033	O I	|	|	|	2.10
14.250	3.90	0.03	2.060	O I	|	|	|	2.12
14.333	4.01	0.04	2.087	O I	|	|	|	2.15
14.417	4.11	0.04	2.114	O I	|	|	|	2.18
14.500	4.23	0.05	2.143	O I	|	|	|	2.21
14.583	4.35	0.05	2.172	O I	|	|	|	2.24
14.667	4.49	0.06	2.202	O I	|	|	|	2.27

14.750	4.63	0.06	2.233	O I	|	|	|	2.31
14.833	4.79	0.07	2.265	O I	|	|	|	2.34
14.917	4.97	0.08	2.298	O I	|	|	|	2.37
15.000	5.16	0.08	2.332	O I	|	|	|	2.41
15.083	5.37	0.09	2.368	O I	|	|	|	2.45
15.167	5.62	0.10	2.405	O I	|	|	|	2.48
15.250	5.89	0.10	2.444	O I	|	|	|	2.52
15.333	6.20	0.10	2.485	O I	|	|	|	2.57
15.417	6.48	0.10	2.528	O I	|	|	|	2.61
15.500	6.40	0.10	2.572	O I	|	|	|	2.66
15.583	6.31	0.10	2.615	O I	|	|	|	2.70
15.667	6.65	0.10	2.659	O I	|	|	|	2.74
15.750	7.23	0.10	2.706	O I	|	|	|	2.79
15.833	8.21	0.10	2.759	O I	|	|	|	2.85
15.917	9.79	0.10	2.820	O I	|	|	|	2.91
16.000	13.07	0.10	2.898	O I	|	|	|	2.99
16.083	22.43	0.10	3.019	O | I	|	|	|	3.11
16.167	49.48	0.10	3.266	O |	|	|	I|	3.37
16.250	51.01	4.29	3.597	| O	|	|	I	3.71
16.333	28.95	8.93	3.827	| O	|	I |	|	3.95
16.417	19.94	11.55	3.925	| O|	I |	|	|	4.08
16.500	15.61	12.87	3.963	| OI	|	|	|	4.14
16.583	12.92	13.17	3.972	| O	|	|	|	4.16
16.667	10.91	12.90	3.964	| I O	|	|	|	4.15
16.750	9.41	12.32	3.947	| I O|	|	|	|	4.12
16.833	8.20	11.57	3.926	| I O|	|	|	|	4.08
16.917	7.17	10.75	3.902	| I O |	|	|	|	4.04
17.000	6.26	9.93	3.877	| I O |	|	|	|	4.00
17.083	5.72	9.42	3.851	| I O |	|	|	|	3.97
17.167	5.43	8.92	3.827	| I O |	|	|	|	3.95
17.250	4.93	8.43	3.802	| I O |	|	|	|	3.92
17.333	4.49	7.95	3.779	| I O |	|	|	|	3.90
17.417	3.87	7.46	3.754	| I O |	|	|	|	3.87
17.500	3.67	6.98	3.730	| I O |	|	|	|	3.85
17.583	3.51	6.54	3.709	| I O |	|	|	|	3.83
17.667	3.37	6.13	3.689	| IO |	|	|	|	3.80
17.750	3.24	5.77	3.670	| IO |	|	|	|	3.79
17.833	3.12	5.43	3.654	|I O |	|	|	|	3.77
17.917	3.02	5.12	3.639	|I O |	|	|	|	3.75
18.000	2.92	4.84	3.625	|I O |	|	|	|	3.74
18.083	2.83	4.59	3.612	|IO |	|	|	|	3.73
18.167	2.74	4.35	3.600	|IO |	|	|	|	3.71
18.250	2.65	4.14	3.590	|IO |	|	|	|	3.70
18.333	2.58	3.94	3.580	|IO |	|	|	|	3.69
18.417	2.51	3.76	3.571	|IO |	|	|	|	3.68
18.500	2.45	3.59	3.563	|IO |	|	|	|	3.68
18.583	2.39	3.44	3.555	|IO |	|	|	|	3.67
18.667	2.34	3.30	3.548	|IO |	|	|	|	3.66
18.750	2.28	3.17	3.542	|O |	|	|	|	3.66
18.833	2.24	3.05	3.536	|O |	|	|	|	3.65

18.917	2.19	2.94	3.531	|O	|	|	|	3.64
19.000	2.15	2.84	3.526	|O	|	|	|	3.64
19.083	2.11	2.75	3.521	|O	|	|	|	3.63
19.167	2.07	2.66	3.517	|O	|	|	|	3.63
19.250	2.03	2.58	3.513	|O	|	|	|	3.63
19.333	2.00	2.51	3.509	|O	|	|	|	3.62
19.417	1.97	2.44	3.506	|O	|	|	|	3.62
19.500	1.93	2.38	3.503	|O	|	|	|	3.62
19.583	1.90	2.32	3.500	|O	|	|	|	3.61
19.667	1.87	2.26	3.497	|O	|	|	|	3.61
19.750	1.85	2.21	3.494	|O	|	|	|	3.61
19.833	1.82	2.16	3.492	|O	|	|	|	3.60
19.917	1.79	2.11	3.490	|O	|	|	|	3.60
20.000	1.77	2.07	3.488	|O	|	|	|	3.60
20.083	1.74	2.03	3.486	|O	|	|	|	3.60
20.167	1.72	1.99	3.484	|O	|	|	|	3.60
20.250	1.70	1.95	3.482	|O	|	|	|	3.59
20.333	1.68	1.92	3.480	|O	|	|	|	3.59
20.417	1.66	1.89	3.478	|O	|	|	|	3.59
20.500	1.63	1.86	3.477	|O	|	|	|	3.59
20.583	1.62	1.83	3.475	|O	|	|	|	3.59
20.667	1.60	1.80	3.474	|O	|	|	|	3.59
20.750	1.58	1.77	3.473	IO	|	|	|	3.58
20.833	1.56	1.74	3.471	IO	|	|	|	3.58
20.917	1.54	1.72	3.470	IO	|	|	|	3.58
21.000	1.53	1.69	3.469	IO	|	|	|	3.58
21.083	1.51	1.67	3.468	IO	|	|	|	3.58
21.167	1.49	1.65	3.467	IO	|	|	|	3.58
21.250	1.48	1.63	3.466	IO	|	|	|	3.58
21.333	1.46	1.61	3.465	IO	|	|	|	3.58
21.417	1.45	1.59	3.464	O	|	|	|	3.58
21.500	1.43	1.57	3.463	O	|	|	|	3.57
21.583	1.42	1.55	3.462	O	|	|	|	3.57
21.667	1.41	1.53	3.461	O	|	|	|	3.57
21.750	1.39	1.52	3.460	O	|	|	|	3.57
21.833	1.38	1.50	3.459	O	|	|	|	3.57
21.917	1.37	1.48	3.458	O	|	|	|	3.57
22.000	1.36	1.47	3.458	O	|	|	|	3.57
22.083	1.34	1.45	3.457	O	|	|	|	3.57
22.167	1.33	1.44	3.456	O	|	|	|	3.57
22.250	1.32	1.42	3.455	O	|	|	|	3.57
22.333	1.31	1.41	3.455	O	|	|	|	3.57
22.417	1.30	1.39	3.454	O	|	|	|	3.57
22.500	1.29	1.38	3.453	O	|	|	|	3.56
22.583	1.28	1.37	3.453	O	|	|	|	3.56
22.667	1.27	1.36	3.452	O	|	|	|	3.56
22.750	1.26	1.34	3.452	O	|	|	|	3.56
22.833	1.25	1.33	3.451	O	|	|	|	3.56
22.917	1.24	1.32	3.450	O	|	|	|	3.56
23.000	1.23	1.31	3.450	O	|	|	|	3.56

23.083	1.22	1.30	3.449	O				3.56
23.167	1.21	1.29	3.449	O				3.56
23.250	1.20	1.28	3.448	O				3.56
23.333	1.19	1.27	3.448	O				3.56
23.417	1.18	1.26	3.447	O				3.56
23.500	1.17	1.25	3.447	O				3.56
23.583	1.17	1.24	3.446	O				3.56
23.667	1.16	1.23	3.446	O				3.56
23.750	1.15	1.22	3.445	O				3.56
23.833	1.14	1.21	3.445	O				3.56
23.917	1.13	1.20	3.444	O				3.56
24.000	1.13	1.19	3.444	O				3.56
24.083	1.08	1.18	3.443	O				3.55
24.167	0.78	1.15	3.442	O				3.55
24.250	0.44	1.08	3.438	O				3.55
24.333	0.29	0.98	3.434	O				3.54
24.417	0.21	0.89	3.429	O				3.54
24.500	0.15	0.80	3.424	O				3.54
24.583	0.11	0.71	3.420	O				3.53
24.667	0.08	0.63	3.416	O				3.53
24.750	0.06	0.56	3.413	O				3.52
24.833	0.04	0.49	3.409	O				3.52
24.917	0.03	0.43	3.406	O				3.52
25.000	0.02	0.38	3.404	O				3.51
25.083	0.02	0.33	3.401	O				3.51
25.167	0.01	0.29	3.399	O				3.51
25.250	0.00	0.25	3.398	O				3.51
25.333	0.00	0.22	3.396	O				3.51
25.417	0.00	0.19	3.395	O				3.50
25.500	0.00	0.17	3.393	O				3.50
25.583	0.00	0.15	3.392	O				3.50
25.667	0.00	0.13	3.391	O				3.50
25.750	0.00	0.11	3.390	O				3.50
25.833	0.00	0.10	3.390	O				3.50
25.917	0.00	0.10	3.389	O				3.50
26.000	0.00	0.10	3.388	O				3.50
26.083	0.00	0.10	3.388	O				3.50
26.167	0.00	0.10	3.387	O				3.50
26.250	0.00	0.10	3.386	O				3.50
26.333	0.00	0.10	3.386	O				3.50
26.417	0.00	0.10	3.385	O				3.49
26.500	0.00	0.10	3.384	O				3.49
26.583	0.00	0.10	3.384	O				3.49
26.667	0.00	0.10	3.383	O				3.49
26.750	0.00	0.10	3.382	O				3.49
26.833	0.00	0.10	3.382	O				3.49
26.917	0.00	0.10	3.381	O				3.49
27.000	0.00	0.10	3.380	O				3.49
27.083	0.00	0.10	3.379	O				3.49
27.167	0.00	0.10	3.379	O				3.49

27.250	0.00	0.10	3.378	O				3.49
27.333	0.00	0.10	3.377	O				3.49
27.417	0.00	0.10	3.377	O				3.49
27.500	0.00	0.10	3.376	O				3.49
27.583	0.00	0.10	3.375	O				3.48
27.667	0.00	0.10	3.375	O				3.48
27.750	0.00	0.10	3.374	O				3.48
27.833	0.00	0.10	3.373	O				3.48
27.917	0.00	0.10	3.373	O				3.48
28.000	0.00	0.10	3.372	O				3.48
28.083	0.00	0.10	3.371	O				3.48
28.167	0.00	0.10	3.370	O				3.48
28.250	0.00	0.10	3.370	O				3.48
28.333	0.00	0.10	3.369	O				3.48
28.417	0.00	0.10	3.368	O				3.48
28.500	0.00	0.10	3.368	O				3.48
28.583	0.00	0.10	3.367	O				3.48
28.667	0.00	0.10	3.366	O				3.48
28.750	0.00	0.10	3.366	O				3.47
28.833	0.00	0.10	3.365	O				3.47
28.917	0.00	0.10	3.364	O				3.47
29.000	0.00	0.10	3.364	O				3.47
29.083	0.00	0.10	3.363	O				3.47
29.167	0.00	0.10	3.362	O				3.47
29.250	0.00	0.10	3.362	O				3.47
29.333	0.00	0.10	3.361	O				3.47
29.417	0.00	0.10	3.360	O				3.47
29.500	0.00	0.10	3.359	O				3.47
29.583	0.00	0.10	3.359	O				3.47
29.667	0.00	0.10	3.358	O				3.47
29.750	0.00	0.10	3.357	O				3.47
29.833	0.00	0.10	3.357	O				3.47
29.917	0.00	0.10	3.356	O				3.46
30.000	0.00	0.10	3.355	O				3.46
30.083	0.00	0.10	3.355	O				3.46
30.167	0.00	0.10	3.354	O				3.46
30.250	0.00	0.10	3.353	O				3.46
30.333	0.00	0.10	3.353	O				3.46
30.417	0.00	0.10	3.352	O				3.46
30.500	0.00	0.10	3.351	O				3.46
30.583	0.00	0.10	3.351	O				3.46
30.667	0.00	0.10	3.350	O				3.46
30.750	0.00	0.10	3.349	O				3.46
30.833	0.00	0.10	3.348	O				3.46
30.917	0.00	0.10	3.348	O				3.46
31.000	0.00	0.10	3.347	O				3.46
31.083	0.00	0.10	3.346	O				3.45
31.167	0.00	0.10	3.346	O				3.45
31.250	0.00	0.10	3.345	O				3.45
31.333	0.00	0.10	3.344	O				3.45

31.417	0.00	0.10	3.344	O				3.45
31.500	0.00	0.10	3.343	O				3.45
31.583	0.00	0.10	3.342	O				3.45
31.667	0.00	0.10	3.342	O				3.45
31.750	0.00	0.10	3.341	O				3.45
31.833	0.00	0.10	3.340	O				3.45
31.917	0.00	0.10	3.339	O				3.45
32.000	0.00	0.10	3.339	O				3.45
32.083	0.00	0.10	3.338	O				3.45
32.167	0.00	0.10	3.337	O				3.45
32.250	0.00	0.10	3.337	O				3.44
32.333	0.00	0.10	3.336	O				3.44
32.417	0.00	0.10	3.335	O				3.44
32.500	0.00	0.10	3.335	O				3.44
32.583	0.00	0.10	3.334	O				3.44
32.667	0.00	0.10	3.333	O				3.44
32.750	0.00	0.10	3.333	O				3.44
32.833	0.00	0.10	3.332	O				3.44
32.917	0.00	0.10	3.331	O				3.44
33.000	0.00	0.10	3.331	O				3.44
33.083	0.00	0.10	3.330	O				3.44
33.167	0.00	0.10	3.329	O				3.44
33.250	0.00	0.10	3.328	O				3.44
33.333	0.00	0.10	3.328	O				3.44
33.417	0.00	0.10	3.327	O				3.43
33.500	0.00	0.10	3.326	O				3.43
33.583	0.00	0.10	3.326	O				3.43
33.667	0.00	0.10	3.325	O				3.43
33.750	0.00	0.10	3.324	O				3.43
33.833	0.00	0.10	3.324	O				3.43
33.917	0.00	0.10	3.323	O				3.43
34.000	0.00	0.10	3.322	O				3.43
34.083	0.00	0.10	3.322	O				3.43
34.167	0.00	0.10	3.321	O				3.43
34.250	0.00	0.10	3.320	O				3.43
34.333	0.00	0.10	3.320	O				3.43
34.417	0.00	0.10	3.319	O				3.43
34.500	0.00	0.10	3.318	O				3.43
34.583	0.00	0.10	3.317	O				3.42
34.667	0.00	0.10	3.317	O				3.42
34.750	0.00	0.10	3.316	O				3.42
34.833	0.00	0.10	3.315	O				3.42
34.917	0.00	0.10	3.315	O				3.42
35.000	0.00	0.10	3.314	O				3.42
35.083	0.00	0.10	3.313	O				3.42
35.167	0.00	0.10	3.313	O				3.42
35.250	0.00	0.10	3.312	O				3.42
35.333	0.00	0.10	3.311	O				3.42
35.417	0.00	0.10	3.311	O				3.42
35.500	0.00	0.10	3.310	O				3.42

35.583	0.00	0.10	3.309	O				3.42
35.667	0.00	0.10	3.309	O				3.42
35.750	0.00	0.10	3.308	O				3.41
35.833	0.00	0.10	3.307	O				3.41
35.917	0.00	0.10	3.306	O				3.41
36.000	0.00	0.10	3.306	O				3.41
36.083	0.00	0.10	3.305	O				3.41
36.167	0.00	0.10	3.304	O				3.41
36.250	0.00	0.10	3.304	O				3.41
36.333	0.00	0.10	3.303	O				3.41
36.417	0.00	0.10	3.302	O				3.41
36.500	0.00	0.10	3.302	O				3.41
36.583	0.00	0.10	3.301	O				3.41
36.667	0.00	0.10	3.300	O				3.41
36.750	0.00	0.10	3.300	O				3.41
36.833	0.00	0.10	3.299	O				3.41
36.917	0.00	0.10	3.298	O				3.40
37.000	0.00	0.10	3.297	O				3.40
37.083	0.00	0.10	3.297	O				3.40
37.167	0.00	0.10	3.296	O				3.40
37.250	0.00	0.10	3.295	O				3.40
37.333	0.00	0.10	3.295	O				3.40
37.417	0.00	0.10	3.294	O				3.40
37.500	0.00	0.10	3.293	O				3.40
37.583	0.00	0.10	3.293	O				3.40
37.667	0.00	0.10	3.292	O				3.40
37.750	0.00	0.10	3.291	O				3.40
37.833	0.00	0.10	3.291	O				3.40
37.917	0.00	0.10	3.290	O				3.40
38.000	0.00	0.10	3.289	O				3.40
38.083	0.00	0.10	3.289	O				3.39
38.167	0.00	0.10	3.288	O				3.39
38.250	0.00	0.10	3.287	O				3.39
38.333	0.00	0.10	3.286	O				3.39
38.417	0.00	0.10	3.286	O				3.39
38.500	0.00	0.10	3.285	O				3.39
38.583	0.00	0.10	3.284	O				3.39
38.667	0.00	0.10	3.284	O				3.39
38.750	0.00	0.10	3.283	O				3.39
38.833	0.00	0.10	3.282	O				3.39
38.917	0.00	0.10	3.282	O				3.39
39.000	0.00	0.10	3.281	O				3.39
39.083	0.00	0.10	3.280	O				3.39
39.167	0.00	0.10	3.280	O				3.38
39.250	0.00	0.10	3.279	O				3.38
39.333	0.00	0.10	3.278	O				3.38
39.417	0.00	0.10	3.278	O				3.38
39.500	0.00	0.10	3.277	O				3.38
39.583	0.00	0.10	3.276	O				3.38
39.667	0.00	0.10	3.275	O				3.38

39.750	0.00	0.10	3.275	O				3.38
39.833	0.00	0.10	3.274	O				3.38
39.917	0.00	0.10	3.273	O				3.38
40.000	0.00	0.10	3.273	O				3.38
40.083	0.00	0.10	3.272	O				3.38
40.167	0.00	0.10	3.271	O				3.38
40.250	0.00	0.10	3.271	O				3.38
40.333	0.00	0.10	3.270	O				3.37
40.417	0.00	0.10	3.269	O				3.37
40.500	0.00	0.10	3.269	O				3.37
40.583	0.00	0.10	3.268	O				3.37
40.667	0.00	0.10	3.267	O				3.37
40.750	0.00	0.10	3.266	O				3.37
40.833	0.00	0.10	3.266	O				3.37
40.917	0.00	0.10	3.265	O				3.37
41.000	0.00	0.10	3.264	O				3.37
41.083	0.00	0.10	3.264	O				3.37
41.167	0.00	0.10	3.263	O				3.37
41.250	0.00	0.10	3.262	O				3.37
41.333	0.00	0.10	3.262	O				3.37
41.417	0.00	0.10	3.261	O				3.37
41.500	0.00	0.10	3.260	O				3.36
41.583	0.00	0.10	3.260	O				3.36
41.667	0.00	0.10	3.259	O				3.36
41.750	0.00	0.10	3.258	O				3.36
41.833	0.00	0.10	3.258	O				3.36
41.917	0.00	0.10	3.257	O				3.36
42.000	0.00	0.10	3.256	O				3.36
42.083	0.00	0.10	3.255	O				3.36
42.167	0.00	0.10	3.255	O				3.36
42.250	0.00	0.10	3.254	O				3.36
42.333	0.00	0.10	3.253	O				3.36
42.417	0.00	0.10	3.253	O				3.36
42.500	0.00	0.10	3.252	O				3.36
42.583	0.00	0.10	3.251	O				3.36
42.667	0.00	0.10	3.251	O				3.35
42.750	0.00	0.10	3.250	O				3.35
42.833	0.00	0.10	3.249	O				3.35
42.917	0.00	0.10	3.249	O				3.35
43.000	0.00	0.10	3.248	O				3.35
43.083	0.00	0.10	3.247	O				3.35
43.167	0.00	0.10	3.247	O				3.35
43.250	0.00	0.10	3.246	O				3.35
43.333	0.00	0.10	3.245	O				3.35
43.417	0.00	0.10	3.244	O				3.35
43.500	0.00	0.10	3.244	O				3.35
43.583	0.00	0.10	3.243	O				3.35
43.667	0.00	0.10	3.242	O				3.35
43.750	0.00	0.10	3.242	O				3.35
43.833	0.00	0.10	3.241	O				3.34

43.917	0.00	0.10	3.240	O					3.34
44.000	0.00	0.10	3.240	O					3.34
44.083	0.00	0.10	3.239	O					3.34
44.167	0.00	0.10	3.238	O					3.34
44.250	0.00	0.10	3.238	O					3.34
44.333	0.00	0.10	3.237	O					3.34
44.417	0.00	0.10	3.236	O					3.34
44.500	0.00	0.10	3.235	O					3.34
44.583	0.00	0.10	3.235	O					3.34
44.667	0.00	0.10	3.234	O					3.34
44.750	0.00	0.10	3.233	O					3.34
44.833	0.00	0.10	3.233	O					3.34
44.917	0.00	0.10	3.232	O					3.34
45.000	0.00	0.10	3.231	O					3.33
45.083	0.00	0.10	3.231	O					3.33
45.167	0.00	0.10	3.230	O					3.33
45.250	0.00	0.10	3.229	O					3.33
45.333	0.00	0.10	3.229	O					3.33
45.417	0.00	0.10	3.228	O					3.33
45.500	0.00	0.10	3.227	O					3.33
45.583	0.00	0.10	3.227	O					3.33
45.667	0.00	0.10	3.226	O					3.33
45.750	0.00	0.10	3.225	O					3.33
45.833	0.00	0.10	3.224	O					3.33
45.917	0.00	0.10	3.224	O					3.33
46.000	0.00	0.10	3.223	O					3.33
46.083	0.00	0.10	3.222	O					3.33
46.167	0.00	0.10	3.222	O					3.32
46.250	0.00	0.10	3.221	O					3.32
46.333	0.00	0.10	3.220	O					3.32
46.417	0.00	0.10	3.220	O					3.32
46.500	0.00	0.10	3.219	O					3.32
46.583	0.00	0.10	3.218	O					3.32
46.667	0.00	0.10	3.218	O					3.32
46.750	0.00	0.10	3.217	O					3.32
46.833	0.00	0.10	3.216	O					3.32
46.917	0.00	0.10	3.216	O					3.32
47.000	0.00	0.10	3.215	O					3.32
47.083	0.00	0.10	3.214	O					3.32
47.167	0.00	0.10	3.213	O					3.32
47.250	0.00	0.10	3.213	O					3.32
47.333	0.00	0.10	3.212	O					3.31
47.417	0.00	0.10	3.211	O					3.31
47.500	0.00	0.10	3.211	O					3.31
47.583	0.00	0.10	3.210	O					3.31
47.667	0.00	0.10	3.209	O					3.31
47.750	0.00	0.10	3.209	O					3.31
47.833	0.00	0.10	3.208	O					3.31
47.917	0.00	0.10	3.207	O					3.31
48.000	0.00	0.10	3.207	O					3.31

48.083	0.00	0.10	3.206	O				3.31
48.167	0.00	0.10	3.205	O				3.31
48.250	0.00	0.10	3.205	O				3.31
48.333	0.00	0.10	3.204	O				3.31
48.417	0.00	0.10	3.203	O				3.31
48.500	0.00	0.10	3.202	O				3.30
48.583	0.00	0.10	3.202	O				3.30
48.667	0.00	0.10	3.201	O				3.30
48.750	0.00	0.10	3.200	O				3.30
48.833	0.00	0.10	3.200	O				3.30
48.917	0.00	0.10	3.199	O				3.30
49.000	0.00	0.10	3.198	O				3.30
49.083	0.00	0.10	3.198	O				3.30
49.167	0.00	0.10	3.197	O				3.30
49.250	0.00	0.10	3.196	O				3.30
49.333	0.00	0.10	3.196	O				3.30
49.417	0.00	0.10	3.195	O				3.30
49.500	0.00	0.10	3.194	O				3.30
49.583	0.00	0.10	3.193	O				3.30
49.667	0.00	0.10	3.193	O				3.29
49.750	0.00	0.10	3.192	O				3.29
49.833	0.00	0.10	3.191	O				3.29
49.917	0.00	0.10	3.191	O				3.29
50.000	0.00	0.10	3.190	O				3.29
50.083	0.00	0.10	3.189	O				3.29
50.167	0.00	0.10	3.189	O				3.29
50.250	0.00	0.10	3.188	O				3.29
50.333	0.00	0.10	3.187	O				3.29
50.417	0.00	0.10	3.187	O				3.29
50.500	0.00	0.10	3.186	O				3.29
50.583	0.00	0.10	3.185	O				3.29
50.667	0.00	0.10	3.185	O				3.29
50.750	0.00	0.10	3.184	O				3.29
50.833	0.00	0.10	3.183	O				3.28
50.917	0.00	0.10	3.182	O				3.28
51.000	0.00	0.10	3.182	O				3.28
51.083	0.00	0.10	3.181	O				3.28
51.167	0.00	0.10	3.180	O				3.28
51.250	0.00	0.10	3.180	O				3.28
51.333	0.00	0.10	3.179	O				3.28
51.417	0.00	0.10	3.178	O				3.28
51.500	0.00	0.10	3.178	O				3.28
51.583	0.00	0.10	3.177	O				3.28
51.667	0.00	0.10	3.176	O				3.28
51.750	0.00	0.10	3.176	O				3.28
51.833	0.00	0.10	3.175	O				3.28
51.917	0.00	0.10	3.174	O				3.28
52.000	0.00	0.10	3.174	O				3.27
52.083	0.00	0.10	3.173	O				3.27
52.167	0.00	0.10	3.172	O				3.27

52.250	0.00	0.10	3.171	O				3.27
52.333	0.00	0.10	3.171	O				3.27
52.417	0.00	0.10	3.170	O				3.27
52.500	0.00	0.10	3.169	O				3.27
52.583	0.00	0.10	3.169	O				3.27
52.667	0.00	0.10	3.168	O				3.27
52.750	0.00	0.10	3.167	O				3.27
52.833	0.00	0.10	3.167	O				3.27
52.917	0.00	0.10	3.166	O				3.27
53.000	0.00	0.10	3.165	O				3.27
53.083	0.00	0.10	3.165	O				3.27
53.167	0.00	0.10	3.164	O				3.26
53.250	0.00	0.10	3.163	O				3.26
53.333	0.00	0.10	3.162	O				3.26
53.417	0.00	0.10	3.162	O				3.26
53.500	0.00	0.10	3.161	O				3.26
53.583	0.00	0.10	3.160	O				3.26
53.667	0.00	0.10	3.160	O				3.26
53.750	0.00	0.10	3.159	O				3.26
53.833	0.00	0.10	3.158	O				3.26
53.917	0.00	0.10	3.158	O				3.26
54.000	0.00	0.10	3.157	O				3.26
54.083	0.00	0.10	3.156	O				3.26
54.167	0.00	0.10	3.156	O				3.26
54.250	0.00	0.10	3.155	O				3.26
54.333	0.00	0.10	3.154	O				3.25
54.417	0.00	0.10	3.154	O				3.25
54.500	0.00	0.10	3.153	O				3.25
54.583	0.00	0.10	3.152	O				3.25
54.667	0.00	0.10	3.151	O				3.25
54.750	0.00	0.10	3.151	O				3.25
54.833	0.00	0.10	3.150	O				3.25
54.917	0.00	0.10	3.149	O				3.25
55.000	0.00	0.10	3.149	O				3.25
55.083	0.00	0.10	3.148	O				3.25
55.167	0.00	0.10	3.147	O				3.25
55.250	0.00	0.10	3.147	O				3.25
55.333	0.00	0.10	3.146	O				3.25
55.417	0.00	0.10	3.145	O				3.25
55.500	0.00	0.10	3.145	O				3.24
55.583	0.00	0.10	3.144	O				3.24
55.667	0.00	0.10	3.143	O				3.24
55.750	0.00	0.10	3.143	O				3.24
55.833	0.00	0.10	3.142	O				3.24
55.917	0.00	0.10	3.141	O				3.24
56.000	0.00	0.10	3.140	O				3.24
56.083	0.00	0.10	3.140	O				3.24
56.167	0.00	0.10	3.139	O				3.24
56.250	0.00	0.10	3.138	O				3.24
56.333	0.00	0.10	3.138	O				3.24

56.417	0.00	0.10	3.137	O					3.24
56.500	0.00	0.10	3.136	O					3.24
56.583	0.00	0.10	3.136	O					3.24
56.667	0.00	0.10	3.135	O					3.23
56.750	0.00	0.10	3.134	O					3.23
56.833	0.00	0.10	3.134	O					3.23
56.917	0.00	0.10	3.133	O					3.23
57.000	0.00	0.10	3.132	O					3.23
57.083	0.00	0.10	3.132	O					3.23
57.167	0.00	0.10	3.131	O					3.23
57.250	0.00	0.10	3.130	O					3.23
57.333	0.00	0.10	3.129	O					3.23
57.417	0.00	0.10	3.129	O					3.23
57.500	0.00	0.10	3.128	O					3.23
57.583	0.00	0.10	3.127	O					3.23
57.667	0.00	0.10	3.127	O					3.23
57.750	0.00	0.10	3.126	O					3.22
57.833	0.00	0.10	3.125	O					3.22
57.917	0.00	0.10	3.125	O					3.22
58.000	0.00	0.10	3.124	O					3.22
58.083	0.00	0.10	3.123	O					3.22
58.167	0.00	0.10	3.123	O					3.22
58.250	0.00	0.10	3.122	O					3.22
58.333	0.00	0.10	3.121	O					3.22
58.417	0.00	0.10	3.120	O					3.22
58.500	0.00	0.10	3.120	O					3.22
58.583	0.00	0.10	3.119	O					3.22
58.667	0.00	0.10	3.118	O					3.22
58.750	0.00	0.10	3.118	O					3.22
58.833	0.00	0.10	3.117	O					3.22
58.917	0.00	0.10	3.116	O					3.21
59.000	0.00	0.10	3.116	O					3.21
59.083	0.00	0.10	3.115	O					3.21
59.167	0.00	0.10	3.114	O					3.21
59.250	0.00	0.10	3.114	O					3.21
59.333	0.00	0.10	3.113	O					3.21
59.417	0.00	0.10	3.112	O					3.21
59.500	0.00	0.10	3.112	O					3.21
59.583	0.00	0.10	3.111	O					3.21
59.667	0.00	0.10	3.110	O					3.21
59.750	0.00	0.10	3.109	O					3.21
59.833	0.00	0.10	3.109	O					3.21
59.917	0.00	0.10	3.108	O					3.21
60.000	0.00	0.10	3.107	O					3.21
60.083	0.00	0.10	3.107	O					3.20
60.167	0.00	0.10	3.106	O					3.20
60.250	0.00	0.10	3.105	O					3.20
60.333	0.00	0.10	3.105	O					3.20
60.417	0.00	0.10	3.104	O					3.20
60.500	0.00	0.10	3.103	O					3.20

60.583	0.00	0.10	3.103	O					3.20
60.667	0.00	0.10	3.102	O					3.20
60.750	0.00	0.10	3.101	O					3.20
60.833	0.00	0.10	3.101	O					3.20
60.917	0.00	0.10	3.100	O					3.20
61.000	0.00	0.10	3.099	O					3.20
61.083	0.00	0.10	3.098	O					3.20
61.167	0.00	0.10	3.098	O					3.20
61.250	0.00	0.10	3.097	O					3.19
61.333	0.00	0.10	3.096	O					3.19
61.417	0.00	0.10	3.096	O					3.19
61.500	0.00	0.10	3.095	O					3.19
61.583	0.00	0.10	3.094	O					3.19
61.667	0.00	0.10	3.094	O					3.19
61.750	0.00	0.10	3.093	O					3.19
61.833	0.00	0.10	3.092	O					3.19
61.917	0.00	0.10	3.092	O					3.19
62.000	0.00	0.10	3.091	O					3.19
62.083	0.00	0.10	3.090	O					3.19
62.167	0.00	0.10	3.089	O					3.19
62.250	0.00	0.10	3.089	O					3.19
62.333	0.00	0.10	3.088	O					3.19
62.417	0.00	0.10	3.087	O					3.18
62.500	0.00	0.10	3.087	O					3.18
62.583	0.00	0.10	3.086	O					3.18
62.667	0.00	0.10	3.085	O					3.18
62.750	0.00	0.10	3.085	O					3.18
62.833	0.00	0.10	3.084	O					3.18
62.917	0.00	0.10	3.083	O					3.18
63.000	0.00	0.10	3.083	O					3.18
63.083	0.00	0.10	3.082	O					3.18
63.167	0.00	0.10	3.081	O					3.18
63.250	0.00	0.10	3.081	O					3.18
63.333	0.00	0.10	3.080	O					3.18
63.417	0.00	0.10	3.079	O					3.18
63.500	0.00	0.10	3.078	O					3.18
63.583	0.00	0.10	3.078	O					3.17
63.667	0.00	0.10	3.077	O					3.17
63.750	0.00	0.10	3.076	O					3.17
63.833	0.00	0.10	3.076	O					3.17
63.917	0.00	0.10	3.075	O					3.17
64.000	0.00	0.10	3.074	O					3.17
64.083	0.00	0.10	3.074	O					3.17
64.167	0.00	0.10	3.073	O					3.17
64.250	0.00	0.10	3.072	O					3.17
64.333	0.00	0.10	3.072	O					3.17
64.417	0.00	0.10	3.071	O					3.17
64.500	0.00	0.10	3.070	O					3.17
64.583	0.00	0.10	3.070	O					3.17
64.667	0.00	0.10	3.069	O					3.17

64.750	0.00	0.10	3.068	O				3.16
64.833	0.00	0.10	3.067	O				3.16
64.917	0.00	0.10	3.067	O				3.16
65.000	0.00	0.10	3.066	O				3.16
65.083	0.00	0.10	3.065	O				3.16
65.167	0.00	0.10	3.065	O				3.16
65.250	0.00	0.10	3.064	O				3.16
65.333	0.00	0.10	3.063	O				3.16
65.417	0.00	0.10	3.063	O				3.16
65.500	0.00	0.10	3.062	O				3.16
65.583	0.00	0.10	3.061	O				3.16
65.667	0.00	0.10	3.061	O				3.16
65.750	0.00	0.10	3.060	O				3.16
65.833	0.00	0.10	3.059	O				3.16
65.917	0.00	0.10	3.059	O				3.15
66.000	0.00	0.10	3.058	O				3.15
66.083	0.00	0.10	3.057	O				3.15
66.167	0.00	0.10	3.056	O				3.15
66.250	0.00	0.10	3.056	O				3.15
66.333	0.00	0.10	3.055	O				3.15
66.417	0.00	0.10	3.054	O				3.15
66.500	0.00	0.10	3.054	O				3.15
66.583	0.00	0.10	3.053	O				3.15
66.667	0.00	0.10	3.052	O				3.15
66.750	0.00	0.10	3.052	O				3.15
66.833	0.00	0.10	3.051	O				3.15
66.917	0.00	0.10	3.050	O				3.15
67.000	0.00	0.10	3.050	O				3.15
67.083	0.00	0.10	3.049	O				3.14
67.167	0.00	0.10	3.048	O				3.14
67.250	0.00	0.10	3.047	O				3.14
67.333	0.00	0.10	3.047	O				3.14
67.417	0.00	0.10	3.046	O				3.14
67.500	0.00	0.10	3.045	O				3.14
67.583	0.00	0.10	3.045	O				3.14
67.667	0.00	0.10	3.044	O				3.14
67.750	0.00	0.10	3.043	O				3.14
67.833	0.00	0.10	3.043	O				3.14
67.917	0.00	0.10	3.042	O				3.14
68.000	0.00	0.10	3.041	O				3.14
68.083	0.00	0.10	3.041	O				3.14
68.167	0.00	0.10	3.040	O				3.14
68.250	0.00	0.10	3.039	O				3.13
68.333	0.00	0.10	3.039	O				3.13
68.417	0.00	0.10	3.038	O				3.13
68.500	0.00	0.10	3.037	O				3.13
68.583	0.00	0.10	3.036	O				3.13
68.667	0.00	0.10	3.036	O				3.13
68.750	0.00	0.10	3.035	O				3.13
68.833	0.00	0.10	3.034	O				3.13

68.917	0.00	0.10	3.034	O					3.13
69.000	0.00	0.10	3.033	O					3.13
69.083	0.00	0.10	3.032	O					3.13
69.167	0.00	0.10	3.032	O					3.13
69.250	0.00	0.10	3.031	O					3.13
69.333	0.00	0.10	3.030	O					3.13
69.417	0.00	0.10	3.030	O					3.12
69.500	0.00	0.10	3.029	O					3.12
69.583	0.00	0.10	3.028	O					3.12
69.667	0.00	0.10	3.028	O					3.12
69.750	0.00	0.10	3.027	O					3.12
69.833	0.00	0.10	3.026	O					3.12
69.917	0.00	0.10	3.025	O					3.12
70.000	0.00	0.10	3.025	O					3.12
70.083	0.00	0.10	3.024	O					3.12
70.167	0.00	0.10	3.023	O					3.12
70.250	0.00	0.10	3.023	O					3.12
70.333	0.00	0.10	3.022	O					3.12
70.417	0.00	0.10	3.021	O					3.12
70.500	0.00	0.10	3.021	O					3.12
70.583	0.00	0.10	3.020	O					3.11
70.667	0.00	0.10	3.019	O					3.11
70.750	0.00	0.10	3.019	O					3.11
70.833	0.00	0.10	3.018	O					3.11
70.917	0.00	0.10	3.017	O					3.11
71.000	0.00	0.10	3.016	O					3.11
71.083	0.00	0.10	3.016	O					3.11
71.167	0.00	0.10	3.015	O					3.11
71.250	0.00	0.10	3.014	O					3.11
71.333	0.00	0.10	3.014	O					3.11
71.417	0.00	0.10	3.013	O					3.11
71.500	0.00	0.10	3.012	O					3.11
71.583	0.00	0.10	3.012	O					3.11
71.667	0.00	0.10	3.011	O					3.11
71.750	0.00	0.10	3.010	O					3.10
71.833	0.00	0.10	3.010	O					3.10
71.917	0.00	0.10	3.009	O					3.10
72.000	0.00	0.10	3.008	O					3.10
72.083	0.00	0.10	3.008	O					3.10
72.167	0.00	0.10	3.007	O					3.10
72.250	0.00	0.10	3.006	O					3.10
72.333	0.00	0.10	3.005	O					3.10
72.417	0.00	0.10	3.005	O					3.10
72.500	0.00	0.10	3.004	O					3.10
72.583	0.00	0.10	3.003	O					3.10
72.667	0.00	0.10	3.003	O					3.10
72.750	0.00	0.10	3.002	O					3.10
72.833	0.00	0.10	3.001	O					3.10
72.917	0.00	0.10	3.001	O					3.09
73.000	0.00	0.10	3.000	O					3.09

73.083	0.00	0.10	2.999	O				3.09
73.167	0.00	0.10	2.999	O				3.09
73.250	0.00	0.10	2.998	O				3.09
73.333	0.00	0.10	2.997	O				3.09
73.417	0.00	0.10	2.997	O				3.09
73.500	0.00	0.10	2.996	O				3.09
73.583	0.00	0.10	2.995	O				3.09
73.667	0.00	0.10	2.994	O				3.09
73.750	0.00	0.10	2.994	O				3.09
73.833	0.00	0.10	2.993	O				3.09
73.917	0.00	0.10	2.992	O				3.09
74.000	0.00	0.10	2.992	O				3.09
74.083	0.00	0.10	2.991	O				3.08
74.167	0.00	0.10	2.990	O				3.08
74.250	0.00	0.10	2.990	O				3.08
74.333	0.00	0.10	2.989	O				3.08
74.417	0.00	0.10	2.988	O				3.08
74.500	0.00	0.10	2.988	O				3.08
74.583	0.00	0.10	2.987	O				3.08
74.667	0.00	0.10	2.986	O				3.08
74.750	0.00	0.10	2.985	O				3.08
74.833	0.00	0.10	2.985	O				3.08
74.917	0.00	0.10	2.984	O				3.08
75.000	0.00	0.10	2.983	O				3.08
75.083	0.00	0.10	2.983	O				3.08
75.167	0.00	0.10	2.982	O				3.08
75.250	0.00	0.10	2.981	O				3.07
75.333	0.00	0.10	2.981	O				3.07
75.417	0.00	0.10	2.980	O				3.07
75.500	0.00	0.10	2.979	O				3.07
75.583	0.00	0.10	2.979	O				3.07
75.667	0.00	0.10	2.978	O				3.07
75.750	0.00	0.10	2.977	O				3.07
75.833	0.00	0.10	2.977	O				3.07
75.917	0.00	0.10	2.976	O				3.07
76.000	0.00	0.10	2.975	O				3.07
76.083	0.00	0.10	2.974	O				3.07
76.167	0.00	0.10	2.974	O				3.07
76.250	0.00	0.10	2.973	O				3.07
76.333	0.00	0.10	2.972	O				3.07
76.417	0.00	0.10	2.972	O				3.06
76.500	0.00	0.10	2.971	O				3.06
76.583	0.00	0.10	2.970	O				3.06
76.667	0.00	0.10	2.970	O				3.06
76.750	0.00	0.10	2.969	O				3.06
76.833	0.00	0.10	2.968	O				3.06
76.917	0.00	0.10	2.968	O				3.06
77.000	0.00	0.10	2.967	O				3.06
77.083	0.00	0.10	2.966	O				3.06
77.167	0.00	0.10	2.966	O				3.06

77.250	0.00	0.10	2.965	O					3.06
77.333	0.00	0.10	2.964	O					3.06
77.417	0.00	0.10	2.963	O					3.06
77.500	0.00	0.10	2.963	O					3.05
77.583	0.00	0.10	2.962	O					3.05
77.667	0.00	0.10	2.961	O					3.05
77.750	0.00	0.10	2.961	O					3.05
77.833	0.00	0.10	2.960	O					3.05
77.917	0.00	0.10	2.959	O					3.05
78.000	0.00	0.10	2.959	O					3.05
78.083	0.00	0.10	2.958	O					3.05
78.167	0.00	0.10	2.957	O					3.05
78.250	0.00	0.10	2.957	O					3.05
78.333	0.00	0.10	2.956	O					3.05
78.417	0.00	0.10	2.955	O					3.05
78.500	0.00	0.10	2.955	O					3.05
78.583	0.00	0.10	2.954	O					3.05
78.667	0.00	0.10	2.953	O					3.04
78.750	0.00	0.10	2.952	O					3.04
78.833	0.00	0.10	2.952	O					3.04
78.917	0.00	0.10	2.951	O					3.04
79.000	0.00	0.10	2.950	O					3.04
79.083	0.00	0.10	2.950	O					3.04
79.167	0.00	0.10	2.949	O					3.04
79.250	0.00	0.10	2.948	O					3.04
79.333	0.00	0.10	2.948	O					3.04
79.417	0.00	0.10	2.947	O					3.04
79.500	0.00	0.10	2.946	O					3.04
79.583	0.00	0.10	2.946	O					3.04
79.667	0.00	0.10	2.945	O					3.04
79.750	0.00	0.10	2.944	O					3.04
79.833	0.00	0.10	2.943	O					3.03
79.917	0.00	0.10	2.943	O					3.03
80.000	0.00	0.10	2.942	O					3.03
80.083	0.00	0.10	2.941	O					3.03
80.167	0.00	0.10	2.941	O					3.03
80.250	0.00	0.10	2.940	O					3.03
80.333	0.00	0.10	2.939	O					3.03
80.417	0.00	0.10	2.939	O					3.03
80.500	0.00	0.10	2.938	O					3.03
80.583	0.00	0.10	2.937	O					3.03
80.667	0.00	0.10	2.937	O					3.03
80.750	0.00	0.10	2.936	O					3.03
80.833	0.00	0.10	2.935	O					3.03
80.917	0.00	0.10	2.935	O					3.03
81.000	0.00	0.10	2.934	O					3.02
81.083	0.00	0.10	2.933	O					3.02
81.167	0.00	0.10	2.932	O					3.02
81.250	0.00	0.10	2.932	O					3.02
81.333	0.00	0.10	2.931	O					3.02

81.417	0.00	0.10	2.930	O				3.02
81.500	0.00	0.10	2.930	O				3.02
81.583	0.00	0.10	2.929	O				3.02
81.667	0.00	0.10	2.928	O				3.02
81.750	0.00	0.10	2.928	O				3.02
81.833	0.00	0.10	2.927	O				3.02
81.917	0.00	0.10	2.926	O				3.02
82.000	0.00	0.10	2.926	O				3.02
82.083	0.00	0.10	2.925	O				3.02
82.167	0.00	0.10	2.924	O				3.01
82.250	0.00	0.10	2.924	O				3.01
82.333	0.00	0.10	2.923	O				3.01
82.417	0.00	0.10	2.922	O				3.01
82.500	0.00	0.10	2.921	O				3.01
82.583	0.00	0.10	2.921	O				3.01
82.667	0.00	0.10	2.920	O				3.01
82.750	0.00	0.10	2.919	O				3.01
82.833	0.00	0.10	2.919	O				3.01
82.917	0.00	0.10	2.918	O				3.01
83.000	0.00	0.10	2.917	O				3.01
83.083	0.00	0.10	2.917	O				3.01
83.167	0.00	0.10	2.916	O				3.01
83.250	0.00	0.10	2.915	O				3.01
83.333	0.00	0.10	2.915	O				3.00
83.417	0.00	0.10	2.914	O				3.00
83.500	0.00	0.10	2.913	O				3.00
83.583	0.00	0.10	2.912	O				3.00
83.667	0.00	0.10	2.912	O				3.00
83.750	0.00	0.10	2.911	O				3.00
83.833	0.00	0.10	2.910	O				3.00
83.917	0.00	0.10	2.910	O				3.00
84.000	0.00	0.10	2.909	O				3.00
84.083	0.00	0.10	2.908	O				3.00
84.167	0.00	0.10	2.908	O				3.00
84.250	0.00	0.10	2.907	O				3.00
84.333	0.00	0.10	2.906	O				3.00
84.417	0.00	0.10	2.906	O				3.00
84.500	0.00	0.10	2.905	O				2.99
84.583	0.00	0.10	2.904	O				2.99
84.667	0.00	0.10	2.904	O				2.99
84.750	0.00	0.10	2.903	O				2.99
84.833	0.00	0.10	2.902	O				2.99
84.917	0.00	0.10	2.901	O				2.99
85.000	0.00	0.10	2.901	O				2.99
85.083	0.00	0.10	2.900	O				2.99
85.167	0.00	0.10	2.899	O				2.99
85.250	0.00	0.10	2.899	O				2.99
85.333	0.00	0.10	2.898	O				2.99
85.417	0.00	0.10	2.897	O				2.99
85.500	0.00	0.10	2.897	O				2.99

85.583	0.00	0.10	2.896	O					2.99
85.667	0.00	0.10	2.895	O					2.98
85.750	0.00	0.10	2.895	O					2.98
85.833	0.00	0.10	2.894	O					2.98
85.917	0.00	0.10	2.893	O					2.98
86.000	0.00	0.10	2.893	O					2.98
86.083	0.00	0.10	2.892	O					2.98
86.167	0.00	0.10	2.891	O					2.98
86.250	0.00	0.10	2.890	O					2.98
86.333	0.00	0.10	2.890	O					2.98
86.417	0.00	0.10	2.889	O					2.98
86.500	0.00	0.10	2.888	O					2.98
86.583	0.00	0.10	2.888	O					2.98
86.667	0.00	0.10	2.887	O					2.98
86.750	0.00	0.10	2.886	O					2.98
86.833	0.00	0.10	2.886	O					2.98
86.917	0.00	0.10	2.885	O					2.97
87.000	0.00	0.10	2.884	O					2.97
87.083	0.00	0.10	2.884	O					2.97
87.167	0.00	0.10	2.883	O					2.97
87.250	0.00	0.10	2.882	O					2.97
87.333	0.00	0.10	2.882	O					2.97
87.417	0.00	0.10	2.881	O					2.97
87.500	0.00	0.10	2.880	O					2.97
87.583	0.00	0.10	2.879	O					2.97
87.667	0.00	0.10	2.879	O					2.97
87.750	0.00	0.10	2.878	O					2.97
87.833	0.00	0.10	2.877	O					2.97
87.917	0.00	0.10	2.877	O					2.97
88.000	0.00	0.10	2.876	O					2.97
88.083	0.00	0.10	2.875	O					2.96
88.167	0.00	0.10	2.875	O					2.96
88.250	0.00	0.10	2.874	O					2.96
88.333	0.00	0.10	2.873	O					2.96
88.417	0.00	0.10	2.873	O					2.96
88.500	0.00	0.10	2.872	O					2.96
88.583	0.00	0.10	2.871	O					2.96
88.667	0.00	0.10	2.870	O					2.96
88.750	0.00	0.10	2.870	O					2.96
88.833	0.00	0.10	2.869	O					2.96
88.917	0.00	0.10	2.868	O					2.96
89.000	0.00	0.10	2.868	O					2.96
89.083	0.00	0.10	2.867	O					2.96
89.167	0.00	0.10	2.866	O					2.96
89.250	0.00	0.10	2.866	O					2.95
89.333	0.00	0.10	2.865	O					2.95
89.417	0.00	0.10	2.864	O					2.95
89.500	0.00	0.10	2.864	O					2.95
89.583	0.00	0.10	2.863	O					2.95
89.667	0.00	0.10	2.862	O					2.95

89.750	0.00	0.10	2.862	O				2.95
89.833	0.00	0.10	2.861	O				2.95
89.917	0.00	0.10	2.860	O				2.95
90.000	0.00	0.10	2.859	O				2.95
90.083	0.00	0.10	2.859	O				2.95
90.167	0.00	0.10	2.858	O				2.95
90.250	0.00	0.10	2.857	O				2.95
90.333	0.00	0.10	2.857	O				2.95
90.417	0.00	0.10	2.856	O				2.94
90.500	0.00	0.10	2.855	O				2.94
90.583	0.00	0.10	2.855	O				2.94
90.667	0.00	0.10	2.854	O				2.94
90.750	0.00	0.10	2.853	O				2.94
90.833	0.00	0.10	2.853	O				2.94
90.917	0.00	0.10	2.852	O				2.94
91.000	0.00	0.10	2.851	O				2.94
91.083	0.00	0.10	2.851	O				2.94
91.167	0.00	0.10	2.850	O				2.94
91.250	0.00	0.10	2.849	O				2.94
91.333	0.00	0.10	2.848	O				2.94
91.417	0.00	0.10	2.848	O				2.94
91.500	0.00	0.10	2.847	O				2.94
91.583	0.00	0.10	2.846	O				2.94
91.667	0.00	0.10	2.846	O				2.93
91.750	0.00	0.10	2.845	O				2.93
91.833	0.00	0.10	2.844	O				2.93
91.917	0.00	0.10	2.844	O				2.93
92.000	0.00	0.10	2.843	O				2.93
92.083	0.00	0.10	2.842	O				2.93
92.167	0.00	0.10	2.842	O				2.93
92.250	0.00	0.10	2.841	O				2.93
92.333	0.00	0.10	2.840	O				2.93
92.417	0.00	0.10	2.839	O				2.93
92.500	0.00	0.10	2.839	O				2.93
92.583	0.00	0.10	2.838	O				2.93
92.667	0.00	0.10	2.837	O				2.93
92.750	0.00	0.10	2.837	O				2.93
92.833	0.00	0.10	2.836	O				2.92
92.917	0.00	0.10	2.835	O				2.92
93.000	0.00	0.10	2.835	O				2.92
93.083	0.00	0.10	2.834	O				2.92
93.167	0.00	0.10	2.833	O				2.92
93.250	0.00	0.10	2.833	O				2.92
93.333	0.00	0.10	2.832	O				2.92
93.417	0.00	0.10	2.831	O				2.92
93.500	0.00	0.10	2.831	O				2.92
93.583	0.00	0.10	2.830	O				2.92
93.667	0.00	0.10	2.829	O				2.92
93.750	0.00	0.10	2.828	O				2.92
93.833	0.00	0.10	2.828	O				2.92

93.917	0.00	0.10	2.827	O					2.92
94.000	0.00	0.10	2.826	O					2.91
94.083	0.00	0.10	2.826	O					2.91
94.167	0.00	0.10	2.825	O					2.91
94.250	0.00	0.10	2.824	O					2.91
94.333	0.00	0.10	2.824	O					2.91
94.417	0.00	0.10	2.823	O					2.91
94.500	0.00	0.10	2.822	O					2.91
94.583	0.00	0.10	2.822	O					2.91
94.667	0.00	0.10	2.821	O					2.91
94.750	0.00	0.10	2.820	O					2.91
94.833	0.00	0.10	2.820	O					2.91
94.917	0.00	0.10	2.819	O					2.91
95.000	0.00	0.10	2.818	O					2.91
95.083	0.00	0.10	2.817	O					2.91
95.167	0.00	0.10	2.817	O					2.90
95.250	0.00	0.10	2.816	O					2.90
95.333	0.00	0.10	2.815	O					2.90
95.417	0.00	0.10	2.815	O					2.90
95.500	0.00	0.10	2.814	O					2.90
95.583	0.00	0.10	2.813	O					2.90
95.667	0.00	0.10	2.813	O					2.90
95.750	0.00	0.10	2.812	O					2.90
95.833	0.00	0.10	2.811	O					2.90
95.917	0.00	0.10	2.811	O					2.90
96.000	0.00	0.10	2.810	O					2.90
96.083	0.00	0.10	2.809	O					2.90
96.167	0.00	0.10	2.809	O					2.90
96.250	0.00	0.10	2.808	O					2.90
96.333	0.00	0.10	2.807	O					2.90
96.417	0.00	0.10	2.806	O					2.89
96.500	0.00	0.10	2.806	O					2.89
96.583	0.00	0.10	2.805	O					2.89
96.667	0.00	0.10	2.804	O					2.89
96.750	0.00	0.10	2.804	O					2.89
96.833	0.00	0.10	2.803	O					2.89
96.917	0.00	0.10	2.802	O					2.89
97.000	0.00	0.10	2.802	O					2.89
97.083	0.00	0.10	2.801	O					2.89
97.167	0.00	0.10	2.800	O					2.89
97.250	0.00	0.10	2.800	O					2.89
97.333	0.00	0.10	2.799	O					2.89
97.417	0.00	0.10	2.798	O					2.89
97.500	0.00	0.10	2.797	O					2.89
97.583	0.00	0.10	2.797	O					2.88
97.667	0.00	0.10	2.796	O					2.88
97.750	0.00	0.10	2.795	O					2.88
97.833	0.00	0.10	2.795	O					2.88
97.917	0.00	0.10	2.794	O					2.88
98.000	0.00	0.10	2.793	O					2.88

98.083	0.00	0.10	2.793	O				2.88
98.167	0.00	0.10	2.792	O				2.88
98.250	0.00	0.10	2.791	O				2.88
98.333	0.00	0.10	2.791	O				2.88
98.417	0.00	0.10	2.790	O				2.88
98.500	0.00	0.10	2.789	O				2.88
98.583	0.00	0.10	2.789	O				2.88
98.667	0.00	0.10	2.788	O				2.88
98.750	0.00	0.10	2.787	O				2.87
98.833	0.00	0.10	2.786	O				2.87
98.917	0.00	0.10	2.786	O				2.87
99.000	0.00	0.10	2.785	O				2.87
99.083	0.00	0.10	2.784	O				2.87
99.167	0.00	0.10	2.784	O				2.87
99.250	0.00	0.10	2.783	O				2.87
99.333	0.00	0.10	2.782	O				2.87
99.417	0.00	0.10	2.782	O				2.87
99.500	0.00	0.10	2.781	O				2.87
99.583	0.00	0.10	2.780	O				2.87
99.667	0.00	0.10	2.780	O				2.87
99.750	0.00	0.10	2.779	O				2.87
99.833	0.00	0.10	2.778	O				2.87
99.917	0.00	0.10	2.778	O				2.86
100.000	0.00	0.10	2.777	O				2.86
100.083	0.00	0.10	2.776	O				2.86
100.167	0.00	0.10	2.775	O				2.86
100.250	0.00	0.10	2.775	O				2.86
100.333	0.00	0.10	2.774	O				2.86
100.417	0.00	0.10	2.773	O				2.86
100.500	0.00	0.10	2.773	O				2.86
100.583	0.00	0.10	2.772	O				2.86
100.667	0.00	0.10	2.771	O				2.86
100.750	0.00	0.10	2.771	O				2.86
100.833	0.00	0.10	2.770	O				2.86
100.917	0.00	0.10	2.769	O				2.86
101.000	0.00	0.10	2.769	O				2.86
101.083	0.00	0.10	2.768	O				2.85
101.167	0.00	0.10	2.767	O				2.85
101.250	0.00	0.10	2.766	O				2.85
101.333	0.00	0.10	2.766	O				2.85
101.417	0.00	0.10	2.765	O				2.85
101.500	0.00	0.10	2.764	O				2.85
101.583	0.00	0.10	2.764	O				2.85
101.667	0.00	0.10	2.763	O				2.85
101.750	0.00	0.10	2.762	O				2.85
101.833	0.00	0.10	2.762	O				2.85
101.917	0.00	0.10	2.761	O				2.85
102.000	0.00	0.10	2.760	O				2.85
102.083	0.00	0.10	2.760	O				2.85
102.167	0.00	0.10	2.759	O				2.85

102.250	0.00	0.10	2.758	O				2.85
102.333	0.00	0.10	2.758	O				2.84
102.417	0.00	0.10	2.757	O				2.84
102.500	0.00	0.10	2.756	O				2.84
102.583	0.00	0.10	2.755	O				2.84
102.667	0.00	0.10	2.755	O				2.84
102.750	0.00	0.10	2.754	O				2.84
102.833	0.00	0.10	2.753	O				2.84
102.917	0.00	0.10	2.753	O				2.84
103.000	0.00	0.10	2.752	O				2.84
103.083	0.00	0.10	2.751	O				2.84
103.167	0.00	0.10	2.751	O				2.84
103.250	0.00	0.10	2.750	O				2.84
103.333	0.00	0.10	2.749	O				2.84
103.417	0.00	0.10	2.749	O				2.84
103.500	0.00	0.10	2.748	O				2.83
103.583	0.00	0.10	2.747	O				2.83
103.667	0.00	0.10	2.747	O				2.83
103.750	0.00	0.10	2.746	O				2.83
103.833	0.00	0.10	2.745	O				2.83
103.917	0.00	0.10	2.744	O				2.83
104.000	0.00	0.10	2.744	O				2.83
104.083	0.00	0.10	2.743	O				2.83
104.167	0.00	0.10	2.742	O				2.83
104.250	0.00	0.10	2.742	O				2.83
104.333	0.00	0.10	2.741	O				2.83
104.417	0.00	0.10	2.740	O				2.83
104.500	0.00	0.10	2.740	O				2.83
104.583	0.00	0.10	2.739	O				2.83
104.667	0.00	0.10	2.738	O				2.82
104.750	0.00	0.10	2.738	O				2.82
104.833	0.00	0.10	2.737	O				2.82
104.917	0.00	0.10	2.736	O				2.82
105.000	0.00	0.10	2.735	O				2.82
105.083	0.00	0.10	2.735	O				2.82
105.167	0.00	0.10	2.734	O				2.82
105.250	0.00	0.10	2.733	O				2.82
105.333	0.00	0.10	2.733	O				2.82
105.417	0.00	0.10	2.732	O				2.82
105.500	0.00	0.10	2.731	O				2.82
105.583	0.00	0.10	2.731	O				2.82
105.667	0.00	0.10	2.730	O				2.82
105.750	0.00	0.10	2.729	O				2.82
105.833	0.00	0.10	2.729	O				2.81
105.917	0.00	0.10	2.728	O				2.81
106.000	0.00	0.10	2.727	O				2.81
106.083	0.00	0.10	2.727	O				2.81
106.167	0.00	0.10	2.726	O				2.81
106.250	0.00	0.10	2.725	O				2.81
106.333	0.00	0.10	2.724	O				2.81

106.417	0.00	0.10	2.724	O				2.81
106.500	0.00	0.10	2.723	O				2.81
106.583	0.00	0.10	2.722	O				2.81
106.667	0.00	0.10	2.722	O				2.81
106.750	0.00	0.10	2.721	O				2.81
106.833	0.00	0.10	2.720	O				2.81
106.917	0.00	0.10	2.720	O				2.81
107.000	0.00	0.10	2.719	O				2.81
107.083	0.00	0.10	2.718	O				2.80
107.167	0.00	0.10	2.718	O				2.80
107.250	0.00	0.10	2.717	O				2.80
107.333	0.00	0.10	2.716	O				2.80
107.417	0.00	0.10	2.716	O				2.80
107.500	0.00	0.10	2.715	O				2.80
107.583	0.00	0.10	2.714	O				2.80
107.667	0.00	0.10	2.713	O				2.80
107.750	0.00	0.10	2.713	O				2.80
107.833	0.00	0.10	2.712	O				2.80
107.917	0.00	0.10	2.711	O				2.80
108.000	0.00	0.10	2.711	O				2.80
108.083	0.00	0.10	2.710	O				2.80
108.167	0.00	0.10	2.709	O				2.80
108.250	0.00	0.10	2.709	O				2.79
108.333	0.00	0.10	2.708	O				2.79
108.417	0.00	0.10	2.707	O				2.79
108.500	0.00	0.10	2.707	O				2.79
108.583	0.00	0.10	2.706	O				2.79
108.667	0.00	0.10	2.705	O				2.79
108.750	0.00	0.10	2.705	O				2.79
108.833	0.00	0.10	2.704	O				2.79
108.917	0.00	0.10	2.703	O				2.79
109.000	0.00	0.10	2.702	O				2.79
109.083	0.00	0.10	2.702	O				2.79
109.167	0.00	0.10	2.701	O				2.79
109.250	0.00	0.10	2.700	O				2.79
109.333	0.00	0.10	2.700	O				2.79
109.417	0.00	0.10	2.699	O				2.78
109.500	0.00	0.10	2.698	O				2.78
109.583	0.00	0.10	2.698	O				2.78
109.667	0.00	0.10	2.697	O				2.78
109.750	0.00	0.10	2.696	O				2.78
109.833	0.00	0.10	2.696	O				2.78
109.917	0.00	0.10	2.695	O				2.78
110.000	0.00	0.10	2.694	O				2.78
110.083	0.00	0.10	2.693	O				2.78
110.167	0.00	0.10	2.693	O				2.78
110.250	0.00	0.10	2.692	O				2.78
110.333	0.00	0.10	2.691	O				2.78
110.417	0.00	0.10	2.691	O				2.78
110.500	0.00	0.10	2.690	O				2.78

110.583	0.00	0.10	2.689	O					2.77
110.667	0.00	0.10	2.689	O					2.77
110.750	0.00	0.10	2.688	O					2.77
110.833	0.00	0.10	2.687	O					2.77
110.917	0.00	0.10	2.687	O					2.77
111.000	0.00	0.10	2.686	O					2.77
111.083	0.00	0.10	2.685	O					2.77
111.167	0.00	0.10	2.685	O					2.77
111.250	0.00	0.10	2.684	O					2.77
111.333	0.00	0.10	2.683	O					2.77
111.417	0.00	0.10	2.682	O					2.77
111.500	0.00	0.10	2.682	O					2.77
111.583	0.00	0.10	2.681	O					2.77
111.667	0.00	0.10	2.680	O					2.77
111.750	0.00	0.10	2.680	O					2.77
111.833	0.00	0.10	2.679	O					2.76
111.917	0.00	0.10	2.678	O					2.76
112.000	0.00	0.10	2.678	O					2.76
112.083	0.00	0.10	2.677	O					2.76
112.167	0.00	0.10	2.676	O					2.76
112.250	0.00	0.10	2.676	O					2.76
112.333	0.00	0.10	2.675	O					2.76
112.417	0.00	0.10	2.674	O					2.76
112.500	0.00	0.10	2.674	O					2.76
112.583	0.00	0.10	2.673	O					2.76
112.667	0.00	0.10	2.672	O					2.76
112.750	0.00	0.10	2.671	O					2.76
112.833	0.00	0.10	2.671	O					2.76
112.917	0.00	0.10	2.670	O					2.76
113.000	0.00	0.10	2.669	O					2.75
113.083	0.00	0.10	2.669	O					2.75
113.167	0.00	0.10	2.668	O					2.75
113.250	0.00	0.10	2.667	O					2.75
113.333	0.00	0.10	2.667	O					2.75
113.417	0.00	0.10	2.666	O					2.75
113.500	0.00	0.10	2.665	O					2.75
113.583	0.00	0.10	2.665	O					2.75
113.667	0.00	0.10	2.664	O					2.75
113.750	0.00	0.10	2.663	O					2.75
113.833	0.00	0.10	2.662	O					2.75
113.917	0.00	0.10	2.662	O					2.75
114.000	0.00	0.10	2.661	O					2.75
114.083	0.00	0.10	2.660	O					2.75
114.167	0.00	0.10	2.660	O					2.74
114.250	0.00	0.10	2.659	O					2.74
114.333	0.00	0.10	2.658	O					2.74
114.417	0.00	0.10	2.658	O					2.74
114.500	0.00	0.10	2.657	O					2.74
114.583	0.00	0.10	2.656	O					2.74
114.667	0.00	0.10	2.656	O					2.74

114.750	0.00	0.10	2.655	O					2.74
114.833	0.00	0.10	2.654	O					2.74
114.917	0.00	0.10	2.654	O					2.74
115.000	0.00	0.10	2.653	O					2.74
115.083	0.00	0.10	2.652	O					2.74
115.167	0.00	0.10	2.651	O					2.74
115.250	0.00	0.10	2.651	O					2.74
115.333	0.00	0.10	2.650	O					2.73
115.417	0.00	0.10	2.649	O					2.73
115.500	0.00	0.10	2.649	O					2.73
115.583	0.00	0.10	2.648	O					2.73
115.667	0.00	0.10	2.647	O					2.73
115.750	0.00	0.10	2.647	O					2.73
115.833	0.00	0.10	2.646	O					2.73
115.917	0.00	0.10	2.645	O					2.73
116.000	0.00	0.10	2.645	O					2.73
116.083	0.00	0.10	2.644	O					2.73
116.167	0.00	0.10	2.643	O					2.73
116.250	0.00	0.10	2.643	O					2.73
116.333	0.00	0.10	2.642	O					2.73
116.417	0.00	0.10	2.641	O					2.73
116.500	0.00	0.10	2.640	O					2.72
116.583	0.00	0.10	2.640	O					2.72
116.667	0.00	0.10	2.639	O					2.72
116.750	0.00	0.10	2.638	O					2.72
116.833	0.00	0.10	2.638	O					2.72
116.917	0.00	0.10	2.637	O					2.72
117.000	0.00	0.10	2.636	O					2.72
117.083	0.00	0.10	2.636	O					2.72
117.167	0.00	0.10	2.635	O					2.72
117.250	0.00	0.10	2.634	O					2.72
117.333	0.00	0.10	2.634	O					2.72
117.417	0.00	0.10	2.633	O					2.72
117.500	0.00	0.10	2.632	O					2.72
117.583	0.00	0.10	2.632	O					2.72
117.667	0.00	0.10	2.631	O					2.72
117.750	0.00	0.10	2.630	O					2.71
117.833	0.00	0.10	2.629	O					2.71
117.917	0.00	0.10	2.629	O					2.71
118.000	0.00	0.10	2.628	O					2.71
118.083	0.00	0.10	2.627	O					2.71
118.167	0.00	0.10	2.627	O					2.71
118.250	0.00	0.10	2.626	O					2.71
118.333	0.00	0.10	2.625	O					2.71
118.417	0.00	0.10	2.625	O					2.71
118.500	0.00	0.10	2.624	O					2.71
118.583	0.00	0.10	2.623	O					2.71
118.667	0.00	0.10	2.623	O					2.71
118.750	0.00	0.10	2.622	O					2.71
118.833	0.00	0.10	2.621	O					2.71

118.917	0.00	0.10	2.620	O					2.70
119.000	0.00	0.10	2.620	O					2.70
119.083	0.00	0.10	2.619	O					2.70
119.167	0.00	0.10	2.618	O					2.70
119.250	0.00	0.10	2.618	O					2.70
119.333	0.00	0.10	2.617	O					2.70
119.417	0.00	0.10	2.616	O					2.70
119.500	0.00	0.10	2.616	O					2.70
119.583	0.00	0.10	2.615	O					2.70
119.667	0.00	0.10	2.614	O					2.70
119.750	0.00	0.10	2.614	O					2.70
119.833	0.00	0.10	2.613	O					2.70
119.917	0.00	0.10	2.612	O					2.70
120.000	0.00	0.10	2.612	O					2.70
120.083	0.00	0.10	2.611	O					2.69
120.167	0.00	0.10	2.610	O					2.69
120.250	0.00	0.10	2.609	O					2.69
120.333	0.00	0.10	2.609	O					2.69
120.417	0.00	0.10	2.608	O					2.69
120.500	0.00	0.10	2.607	O					2.69
120.583	0.00	0.10	2.607	O					2.69
120.667	0.00	0.10	2.606	O					2.69
120.750	0.00	0.10	2.605	O					2.69
120.833	0.00	0.10	2.605	O					2.69
120.917	0.00	0.10	2.604	O					2.69
121.000	0.00	0.10	2.603	O					2.69
121.083	0.00	0.10	2.603	O					2.69
121.167	0.00	0.10	2.602	O					2.69
121.250	0.00	0.10	2.601	O					2.68
121.333	0.00	0.10	2.601	O					2.68
121.417	0.00	0.10	2.600	O					2.68
121.500	0.00	0.10	2.599	O					2.68
121.583	0.00	0.10	2.598	O					2.68
121.667	0.00	0.10	2.598	O					2.68
121.750	0.00	0.10	2.597	O					2.68
121.833	0.00	0.10	2.596	O					2.68
121.917	0.00	0.10	2.596	O					2.68
122.000	0.00	0.10	2.595	O					2.68
122.083	0.00	0.10	2.594	O					2.68
122.167	0.00	0.10	2.594	O					2.68
122.250	0.00	0.10	2.593	O					2.68
122.333	0.00	0.10	2.592	O					2.68
122.417	0.00	0.10	2.592	O					2.68
122.500	0.00	0.10	2.591	O					2.67
122.583	0.00	0.10	2.590	O					2.67
122.667	0.00	0.10	2.589	O					2.67
122.750	0.00	0.10	2.589	O					2.67
122.833	0.00	0.10	2.588	O					2.67
122.917	0.00	0.10	2.587	O					2.67
123.000	0.00	0.10	2.587	O					2.67

123.083	0.00	0.10	2.586	O				2.67
123.167	0.00	0.10	2.585	O				2.67
123.250	0.00	0.10	2.585	O				2.67
123.333	0.00	0.10	2.584	O				2.67
123.417	0.00	0.10	2.583	O				2.67
123.500	0.00	0.10	2.583	O				2.67
123.583	0.00	0.10	2.582	O				2.67
123.667	0.00	0.10	2.581	O				2.66
123.750	0.00	0.10	2.581	O				2.66
123.833	0.00	0.10	2.580	O				2.66
123.917	0.00	0.10	2.579	O				2.66
124.000	0.00	0.10	2.578	O				2.66
124.083	0.00	0.10	2.578	O				2.66
124.167	0.00	0.10	2.577	O				2.66
124.250	0.00	0.10	2.576	O				2.66
124.333	0.00	0.10	2.576	O				2.66
124.417	0.00	0.10	2.575	O				2.66
124.500	0.00	0.10	2.574	O				2.66
124.583	0.00	0.10	2.574	O				2.66
124.667	0.00	0.10	2.573	O				2.66
124.750	0.00	0.10	2.572	O				2.66
124.833	0.00	0.10	2.572	O				2.65
124.917	0.00	0.10	2.571	O				2.65
125.000	0.00	0.10	2.570	O				2.65
125.083	0.00	0.10	2.570	O				2.65
125.167	0.00	0.10	2.569	O				2.65
125.250	0.00	0.10	2.568	O				2.65
125.333	0.00	0.10	2.567	O				2.65
125.417	0.00	0.10	2.567	O				2.65
125.500	0.00	0.10	2.566	O				2.65
125.583	0.00	0.10	2.565	O				2.65
125.667	0.00	0.10	2.565	O				2.65
125.750	0.00	0.10	2.564	O				2.65
125.833	0.00	0.10	2.563	O				2.65
125.917	0.00	0.10	2.563	O				2.65
126.000	0.00	0.10	2.562	O				2.64
126.083	0.00	0.10	2.561	O				2.64
126.167	0.00	0.10	2.561	O				2.64
126.250	0.00	0.10	2.560	O				2.64
126.333	0.00	0.10	2.559	O				2.64
126.417	0.00	0.10	2.559	O				2.64
126.500	0.00	0.10	2.558	O				2.64
126.583	0.00	0.10	2.557	O				2.64
126.667	0.00	0.10	2.556	O				2.64
126.750	0.00	0.10	2.556	O				2.64
126.833	0.00	0.10	2.555	O				2.64
126.917	0.00	0.10	2.554	O				2.64
127.000	0.00	0.10	2.554	O				2.64
127.083	0.00	0.10	2.553	O				2.64
127.167	0.00	0.10	2.552	O				2.64

127.250	0.00	0.10	2.552	O				2.63
127.333	0.00	0.10	2.551	O				2.63
127.417	0.00	0.10	2.550	O				2.63
127.500	0.00	0.10	2.550	O				2.63
127.583	0.00	0.10	2.549	O				2.63
127.667	0.00	0.10	2.548	O				2.63
127.750	0.00	0.10	2.547	O				2.63
127.833	0.00	0.10	2.547	O				2.63
127.917	0.00	0.10	2.546	O				2.63
128.000	0.00	0.10	2.545	O				2.63
128.083	0.00	0.10	2.545	O				2.63
128.167	0.00	0.10	2.544	O				2.63
128.250	0.00	0.10	2.543	O				2.63
128.333	0.00	0.10	2.543	O				2.63
128.417	0.00	0.10	2.542	O				2.62
128.500	0.00	0.10	2.541	O				2.62
128.583	0.00	0.10	2.541	O				2.62
128.667	0.00	0.10	2.540	O				2.62
128.750	0.00	0.10	2.539	O				2.62
128.833	0.00	0.10	2.539	O				2.62
128.917	0.00	0.10	2.538	O				2.62
129.000	0.00	0.10	2.537	O				2.62
129.083	0.00	0.10	2.536	O				2.62
129.167	0.00	0.10	2.536	O				2.62
129.250	0.00	0.10	2.535	O				2.62
129.333	0.00	0.10	2.534	O				2.62
129.417	0.00	0.10	2.534	O				2.62
129.500	0.00	0.10	2.533	O				2.62
129.583	0.00	0.10	2.532	O				2.61
129.667	0.00	0.10	2.532	O				2.61
129.750	0.00	0.10	2.531	O				2.61
129.833	0.00	0.10	2.530	O				2.61
129.917	0.00	0.10	2.530	O				2.61
130.000	0.00	0.10	2.529	O				2.61
130.083	0.00	0.10	2.528	O				2.61
130.167	0.00	0.10	2.528	O				2.61
130.250	0.00	0.10	2.527	O				2.61
130.333	0.00	0.10	2.526	O				2.61
130.417	0.00	0.10	2.525	O				2.61
130.500	0.00	0.10	2.525	O				2.61
130.583	0.00	0.10	2.524	O				2.61
130.667	0.00	0.10	2.523	O				2.61
130.750	0.00	0.10	2.523	O				2.60
130.833	0.00	0.10	2.522	O				2.60
130.917	0.00	0.10	2.521	O				2.60
131.000	0.00	0.10	2.521	O				2.60
131.083	0.00	0.10	2.520	O				2.60
131.167	0.00	0.10	2.519	O				2.60
131.250	0.00	0.10	2.519	O				2.60
131.333	0.00	0.10	2.518	O				2.60

131.417	0.00	0.10	2.517	O					2.60
131.500	0.00	0.10	2.516	O					2.60
131.583	0.00	0.10	2.516	O					2.60
131.667	0.00	0.10	2.515	O					2.60
131.750	0.00	0.10	2.514	O					2.60
131.833	0.00	0.10	2.514	O					2.60
131.917	0.00	0.10	2.513	O					2.59
132.000	0.00	0.10	2.512	O					2.59
132.083	0.00	0.10	2.512	O					2.59
132.167	0.00	0.10	2.511	O					2.59
132.250	0.00	0.10	2.510	O					2.59
132.333	0.00	0.10	2.510	O					2.59
132.417	0.00	0.10	2.509	O					2.59
132.500	0.00	0.10	2.508	O					2.59
132.583	0.00	0.10	2.508	O					2.59
132.667	0.00	0.10	2.507	O					2.59
132.750	0.00	0.10	2.506	O					2.59
132.833	0.00	0.10	2.505	O					2.59
132.917	0.00	0.10	2.505	O					2.59
133.000	0.00	0.10	2.504	O					2.59
133.083	0.00	0.10	2.503	O					2.59
133.167	0.00	0.10	2.503	O					2.58
133.250	0.00	0.10	2.502	O					2.58
133.333	0.00	0.10	2.501	O					2.58
133.417	0.00	0.10	2.501	O					2.58
133.500	0.00	0.10	2.500	O					2.58
133.583	0.00	0.10	2.499	O					2.58
133.667	0.00	0.10	2.499	O					2.58
133.750	0.00	0.10	2.498	O					2.58
133.833	0.00	0.10	2.497	O					2.58
133.917	0.00	0.10	2.497	O					2.58
134.000	0.00	0.10	2.496	O					2.58
134.083	0.00	0.10	2.495	O					2.58
134.167	0.00	0.10	2.494	O					2.58
134.250	0.00	0.10	2.494	O					2.58
134.333	0.00	0.10	2.493	O					2.57
134.417	0.00	0.10	2.492	O					2.57
134.500	0.00	0.10	2.492	O					2.57
134.583	0.00	0.10	2.491	O					2.57
134.667	0.00	0.10	2.490	O					2.57
134.750	0.00	0.10	2.490	O					2.57
134.833	0.00	0.10	2.489	O					2.57
134.917	0.00	0.10	2.488	O					2.57
135.000	0.00	0.10	2.488	O					2.57
135.083	0.00	0.10	2.487	O					2.57
135.167	0.00	0.10	2.486	O					2.57
135.250	0.00	0.10	2.485	O					2.57
135.333	0.00	0.10	2.485	O					2.57
135.417	0.00	0.10	2.484	O					2.57
135.500	0.00	0.10	2.483	O					2.56

135.583	0.00	0.10	2.483	O					2.56
135.667	0.00	0.10	2.482	O					2.56
135.750	0.00	0.10	2.481	O					2.56
135.833	0.00	0.10	2.481	O					2.56
135.917	0.00	0.10	2.480	O					2.56
136.000	0.00	0.10	2.479	O					2.56
136.083	0.00	0.10	2.479	O					2.56
136.167	0.00	0.10	2.478	O					2.56
136.250	0.00	0.10	2.477	O					2.56
136.333	0.00	0.10	2.477	O					2.56
136.417	0.00	0.10	2.476	O					2.56
136.500	0.00	0.10	2.475	O					2.56
136.583	0.00	0.10	2.474	O					2.56
136.667	0.00	0.10	2.474	O					2.55
136.750	0.00	0.10	2.473	O					2.55
136.833	0.00	0.10	2.472	O					2.55
136.917	0.00	0.10	2.472	O					2.55
137.000	0.00	0.10	2.471	O					2.55
137.083	0.00	0.10	2.470	O					2.55
137.167	0.00	0.10	2.470	O					2.55
137.250	0.00	0.10	2.469	O					2.55
137.333	0.00	0.10	2.468	O					2.55
137.417	0.00	0.10	2.468	O					2.55
137.500	0.00	0.10	2.467	O					2.55
137.583	0.00	0.10	2.466	O					2.55
137.667	0.00	0.10	2.466	O					2.55
137.750	0.00	0.10	2.465	O					2.55
137.833	0.00	0.10	2.464	O					2.55
137.917	0.00	0.10	2.463	O					2.54
138.000	0.00	0.10	2.463	O					2.54
138.083	0.00	0.10	2.462	O					2.54
138.167	0.00	0.10	2.461	O					2.54
138.250	0.00	0.10	2.461	O					2.54
138.333	0.00	0.10	2.460	O					2.54
138.417	0.00	0.10	2.459	O					2.54
138.500	0.00	0.10	2.459	O					2.54
138.583	0.00	0.10	2.458	O					2.54
138.667	0.00	0.10	2.457	O					2.54
138.750	0.00	0.10	2.457	O					2.54
138.833	0.00	0.10	2.456	O					2.54
138.917	0.00	0.10	2.455	O					2.54
139.000	0.00	0.10	2.455	O					2.54
139.083	0.00	0.10	2.454	O					2.53
139.167	0.00	0.10	2.453	O					2.53
139.250	0.00	0.10	2.452	O					2.53
139.333	0.00	0.10	2.452	O					2.53
139.417	0.00	0.10	2.451	O					2.53
139.500	0.00	0.10	2.450	O					2.53
139.583	0.00	0.10	2.450	O					2.53
139.667	0.00	0.10	2.449	O					2.53

139.750	0.00	0.10	2.448	O				2.53
139.833	0.00	0.10	2.448	O				2.53
139.917	0.00	0.10	2.447	O				2.53
140.000	0.00	0.10	2.446	O				2.53
140.083	0.00	0.10	2.446	O				2.53
140.167	0.00	0.10	2.445	O				2.53
140.250	0.00	0.10	2.444	O				2.52
140.333	0.00	0.10	2.443	O				2.52
140.417	0.00	0.10	2.443	O				2.52
140.500	0.00	0.10	2.442	O				2.52
140.583	0.00	0.10	2.441	O				2.52
140.667	0.00	0.10	2.441	O				2.52
140.750	0.00	0.10	2.440	O				2.52
140.833	0.00	0.10	2.439	O				2.52
140.917	0.00	0.10	2.439	O				2.52
141.000	0.00	0.10	2.438	O				2.52
141.083	0.00	0.10	2.437	O				2.52
141.167	0.00	0.10	2.437	O				2.52
141.250	0.00	0.10	2.436	O				2.52
141.333	0.00	0.10	2.435	O				2.52
141.417	0.00	0.10	2.435	O				2.51
141.500	0.00	0.10	2.434	O				2.51
141.583	0.00	0.10	2.433	O				2.51
141.667	0.00	0.10	2.432	O				2.51
141.750	0.00	0.10	2.432	O				2.51
141.833	0.00	0.10	2.431	O				2.51
141.917	0.00	0.10	2.430	O				2.51
142.000	0.00	0.10	2.430	O				2.51
142.083	0.00	0.10	2.429	O				2.51
142.167	0.00	0.10	2.428	O				2.51
142.250	0.00	0.10	2.428	O				2.51
142.333	0.00	0.10	2.427	O				2.51
142.417	0.00	0.10	2.426	O				2.51
142.500	0.00	0.10	2.426	O				2.51
142.583	0.00	0.10	2.425	O				2.50
142.667	0.00	0.10	2.424	O				2.50
142.750	0.00	0.10	2.424	O				2.50
142.833	0.00	0.10	2.423	O				2.50
142.917	0.00	0.10	2.422	O				2.50
143.000	0.00	0.10	2.421	O				2.50
143.083	0.00	0.10	2.421	O				2.50
143.167	0.00	0.10	2.420	O				2.50
143.250	0.00	0.10	2.419	O				2.50
143.333	0.00	0.10	2.419	O				2.50
143.417	0.00	0.10	2.418	O				2.50
143.500	0.00	0.10	2.417	O				2.50
143.583	0.00	0.10	2.417	O				2.50
143.667	0.00	0.10	2.416	O				2.50
143.750	0.00	0.10	2.415	O				2.50
143.833	0.00	0.10	2.415	O				2.49

143.917	0.00	0.10	2.414	O				2.49
144.000	0.00	0.10	2.413	O				2.49
144.083	0.00	0.10	2.413	O				2.49
144.167	0.00	0.10	2.412	O				2.49
144.250	0.00	0.10	2.411	O				2.49
144.333	0.00	0.10	2.411	O				2.49
144.417	0.00	0.10	2.410	O				2.49
144.500	0.00	0.10	2.409	O				2.49
144.583	0.00	0.10	2.408	O				2.49
144.667	0.00	0.10	2.408	O				2.49
144.750	0.00	0.10	2.407	O				2.49
144.833	0.00	0.10	2.406	O				2.49
144.917	0.00	0.10	2.406	O				2.49
145.000	0.00	0.10	2.405	O				2.48
145.083	0.00	0.10	2.404	O				2.48
145.167	0.00	0.10	2.404	O				2.48
145.250	0.00	0.10	2.403	O				2.48
145.333	0.00	0.10	2.402	O				2.48
145.417	0.00	0.10	2.402	O				2.48
145.500	0.00	0.10	2.401	O				2.48
145.583	0.00	0.10	2.400	O				2.48
145.667	0.00	0.10	2.400	O				2.48
145.750	0.00	0.10	2.399	O				2.48
145.833	0.00	0.10	2.398	O				2.48
145.917	0.00	0.10	2.398	O				2.48
146.000	0.00	0.10	2.397	O				2.48
146.083	0.00	0.10	2.396	O				2.48
146.167	0.00	0.10	2.396	O				2.47
146.250	0.00	0.10	2.395	O				2.47
146.333	0.00	0.10	2.395	O				2.47
146.417	0.00	0.10	2.394	O				2.47
146.500	0.00	0.09	2.393	O				2.47
146.583	0.00	0.09	2.393	O				2.47
146.667	0.00	0.09	2.392	O				2.47
146.750	0.00	0.09	2.391	O				2.47
146.833	0.00	0.09	2.391	O				2.47
146.917	0.00	0.09	2.390	O				2.47
147.000	0.00	0.09	2.389	O				2.47
147.083	0.00	0.09	2.389	O				2.47
147.167	0.00	0.09	2.388	O				2.47
147.250	0.00	0.09	2.387	O				2.47
147.333	0.00	0.09	2.387	O				2.47
147.417	0.00	0.09	2.386	O				2.46
147.500	0.00	0.09	2.385	O				2.46
147.583	0.00	0.09	2.385	O				2.46
147.667	0.00	0.09	2.384	O				2.46
147.750	0.00	0.09	2.384	O				2.46
147.833	0.00	0.09	2.383	O				2.46
147.917	0.00	0.09	2.382	O				2.46
148.000	0.00	0.09	2.382	O				2.46

148.083	0.00	0.09	2.381	O				2.46
148.167	0.00	0.09	2.380	O				2.46
148.250	0.00	0.09	2.380	O				2.46
148.333	0.00	0.09	2.379	O				2.46
148.417	0.00	0.09	2.378	O				2.46
148.500	0.00	0.09	2.378	O				2.46
148.583	0.00	0.09	2.377	O				2.46
148.667	0.00	0.09	2.376	O				2.45
148.750	0.00	0.09	2.376	O				2.45
148.833	0.00	0.09	2.375	O				2.45
148.917	0.00	0.09	2.375	O				2.45
149.000	0.00	0.09	2.374	O				2.45
149.083	0.00	0.09	2.373	O				2.45
149.167	0.00	0.09	2.373	O				2.45
149.250	0.00	0.09	2.372	O				2.45
149.333	0.00	0.09	2.371	O				2.45
149.417	0.00	0.09	2.371	O				2.45
149.500	0.00	0.09	2.370	O				2.45
149.583	0.00	0.09	2.370	O				2.45
149.667	0.00	0.09	2.369	O				2.45
149.750	0.00	0.09	2.368	O				2.45
149.833	0.00	0.09	2.368	O				2.45
149.917	0.00	0.09	2.367	O				2.44
150.000	0.00	0.09	2.366	O				2.44
150.083	0.00	0.09	2.366	O				2.44
150.167	0.00	0.09	2.365	O				2.44
150.250	0.00	0.09	2.365	O				2.44
150.333	0.00	0.09	2.364	O				2.44
150.417	0.00	0.09	2.363	O				2.44
150.500	0.00	0.09	2.363	O				2.44
150.583	0.00	0.09	2.362	O				2.44
150.667	0.00	0.09	2.362	O				2.44
150.750	0.00	0.09	2.361	O				2.44
150.833	0.00	0.09	2.360	O				2.44
150.917	0.00	0.09	2.360	O				2.44
151.000	0.00	0.09	2.359	O				2.44
151.083	0.00	0.09	2.358	O				2.44
151.167	0.00	0.09	2.358	O				2.44
151.250	0.00	0.09	2.357	O				2.43
151.333	0.00	0.09	2.357	O				2.43
151.417	0.00	0.09	2.356	O				2.43
151.500	0.00	0.09	2.355	O				2.43
151.583	0.00	0.09	2.355	O				2.43
151.667	0.00	0.09	2.354	O				2.43
151.750	0.00	0.09	2.354	O				2.43
151.833	0.00	0.09	2.353	O				2.43
151.917	0.00	0.09	2.352	O				2.43
152.000	0.00	0.09	2.352	O				2.43
152.083	0.00	0.09	2.351	O				2.43
152.167	0.00	0.09	2.351	O				2.43

152.250	0.00	0.09	2.350	O				2.43
152.333	0.00	0.09	2.349	O				2.43
152.417	0.00	0.09	2.349	O				2.43
152.500	0.00	0.09	2.348	O				2.43
152.583	0.00	0.09	2.348	O				2.42
152.667	0.00	0.09	2.347	O				2.42
152.750	0.00	0.09	2.346	O				2.42
152.833	0.00	0.09	2.346	O				2.42
152.917	0.00	0.09	2.345	O				2.42
153.000	0.00	0.09	2.345	O				2.42
153.083	0.00	0.09	2.344	O				2.42
153.167	0.00	0.09	2.344	O				2.42
153.250	0.00	0.09	2.343	O				2.42
153.333	0.00	0.09	2.342	O				2.42
153.417	0.00	0.09	2.342	O				2.42
153.500	0.00	0.09	2.341	O				2.42
153.583	0.00	0.09	2.341	O				2.42
153.667	0.00	0.08	2.340	O				2.42
153.750	0.00	0.08	2.339	O				2.42
153.833	0.00	0.08	2.339	O				2.42
153.917	0.00	0.08	2.338	O				2.41
154.000	0.00	0.08	2.338	O				2.41
154.083	0.00	0.08	2.337	O				2.41
154.167	0.00	0.08	2.336	O				2.41
154.250	0.00	0.08	2.336	O				2.41
154.333	0.00	0.08	2.335	O				2.41
154.417	0.00	0.08	2.335	O				2.41
154.500	0.00	0.08	2.334	O				2.41
154.583	0.00	0.08	2.334	O				2.41
154.667	0.00	0.08	2.333	O				2.41
154.750	0.00	0.08	2.332	O				2.41
154.833	0.00	0.08	2.332	O				2.41
154.917	0.00	0.08	2.331	O				2.41
155.000	0.00	0.08	2.331	O				2.41
155.083	0.00	0.08	2.330	O				2.41
155.167	0.00	0.08	2.330	O				2.41
155.250	0.00	0.08	2.329	O				2.41
155.333	0.00	0.08	2.328	O				2.40
155.417	0.00	0.08	2.328	O				2.40
155.500	0.00	0.08	2.327	O				2.40
155.583	0.00	0.08	2.327	O				2.40
155.667	0.00	0.08	2.326	O				2.40
155.750	0.00	0.08	2.326	O				2.40
155.833	0.00	0.08	2.325	O				2.40
155.917	0.00	0.08	2.324	O				2.40
156.000	0.00	0.08	2.324	O				2.40
156.083	0.00	0.08	2.323	O				2.40
156.167	0.00	0.08	2.323	O				2.40
156.250	0.00	0.08	2.322	O				2.40
156.333	0.00	0.08	2.322	O				2.40

156.417	0.00	0.08	2.321	O				2.40
156.500	0.00	0.08	2.321	O				2.40
156.583	0.00	0.08	2.320	O				2.40
156.667	0.00	0.08	2.319	O				2.40
156.750	0.00	0.08	2.319	O				2.39
156.833	0.00	0.08	2.318	O				2.39
156.917	0.00	0.08	2.318	O				2.39
157.000	0.00	0.08	2.317	O				2.39
157.083	0.00	0.08	2.317	O				2.39
157.167	0.00	0.08	2.316	O				2.39
157.250	0.00	0.08	2.315	O				2.39
157.333	0.00	0.08	2.315	O				2.39
157.417	0.00	0.08	2.314	O				2.39
157.500	0.00	0.08	2.314	O				2.39
157.583	0.00	0.08	2.313	O				2.39
157.667	0.00	0.08	2.313	O				2.39
157.750	0.00	0.08	2.312	O				2.39
157.833	0.00	0.08	2.312	O				2.39
157.917	0.00	0.08	2.311	O				2.39
158.000	0.00	0.08	2.311	O				2.39
158.083	0.00	0.08	2.310	O				2.39
158.167	0.00	0.08	2.309	O				2.38
158.250	0.00	0.08	2.309	O				2.38
158.333	0.00	0.08	2.308	O				2.38
158.417	0.00	0.08	2.308	O				2.38
158.500	0.00	0.08	2.307	O				2.38
158.583	0.00	0.08	2.307	O				2.38
158.667	0.00	0.08	2.306	O				2.38
158.750	0.00	0.08	2.306	O				2.38
158.833	0.00	0.08	2.305	O				2.38
158.917	0.00	0.08	2.305	O				2.38
159.000	0.00	0.08	2.304	O				2.38
159.083	0.00	0.08	2.303	O				2.38
159.167	0.00	0.08	2.303	O				2.38
159.250	0.00	0.08	2.302	O				2.38
159.333	0.00	0.08	2.302	O				2.38
159.417	0.00	0.08	2.301	O				2.38
159.500	0.00	0.08	2.301	O				2.38
159.583	0.00	0.08	2.300	O				2.38
159.667	0.00	0.08	2.300	O				2.37
159.750	0.00	0.08	2.299	O				2.37
159.833	0.00	0.08	2.299	O				2.37
159.917	0.00	0.08	2.298	O				2.37
160.000	0.00	0.08	2.298	O				2.37
160.083	0.00	0.08	2.297	O				2.37
160.167	0.00	0.08	2.297	O				2.37
160.250	0.00	0.08	2.296	O				2.37
160.333	0.00	0.08	2.295	O				2.37
160.417	0.00	0.08	2.295	O				2.37
160.500	0.00	0.08	2.294	O				2.37

160.583	0.00	0.08	2.294	O				2.37
160.667	0.00	0.08	2.293	O				2.37
160.750	0.00	0.08	2.293	O				2.37
160.833	0.00	0.08	2.292	O				2.37
160.917	0.00	0.08	2.292	O				2.37
161.000	0.00	0.08	2.291	O				2.37
161.083	0.00	0.08	2.291	O				2.37
161.167	0.00	0.08	2.290	O				2.36
161.250	0.00	0.08	2.290	O				2.36
161.333	0.00	0.08	2.289	O				2.36
161.417	0.00	0.08	2.289	O				2.36
161.500	0.00	0.08	2.288	O				2.36
161.583	0.00	0.08	2.288	O				2.36
161.667	0.00	0.08	2.287	O				2.36
161.750	0.00	0.07	2.287	O				2.36
161.833	0.00	0.07	2.286	O				2.36
161.917	0.00	0.07	2.286	O				2.36
162.000	0.00	0.07	2.285	O				2.36
162.083	0.00	0.07	2.285	O				2.36
162.167	0.00	0.07	2.284	O				2.36
162.250	0.00	0.07	2.284	O				2.36
162.333	0.00	0.07	2.283	O				2.36
162.417	0.00	0.07	2.282	O				2.36
162.500	0.00	0.07	2.282	O				2.36
162.583	0.00	0.07	2.281	O				2.36
162.667	0.00	0.07	2.281	O				2.36
162.750	0.00	0.07	2.280	O				2.35
162.833	0.00	0.07	2.280	O				2.35
162.917	0.00	0.07	2.279	O				2.35
163.000	0.00	0.07	2.279	O				2.35
163.083	0.00	0.07	2.278	O				2.35
163.167	0.00	0.07	2.278	O				2.35
163.250	0.00	0.07	2.277	O				2.35
163.333	0.00	0.07	2.277	O				2.35
163.417	0.00	0.07	2.276	O				2.35
163.500	0.00	0.07	2.276	O				2.35
163.583	0.00	0.07	2.275	O				2.35
163.667	0.00	0.07	2.275	O				2.35
163.750	0.00	0.07	2.274	O				2.35
163.833	0.00	0.07	2.274	O				2.35
163.917	0.00	0.07	2.273	O				2.35
164.000	0.00	0.07	2.273	O				2.35
164.083	0.00	0.07	2.272	O				2.35
164.167	0.00	0.07	2.272	O				2.35
164.250	0.00	0.07	2.271	O				2.35
164.333	0.00	0.07	2.271	O				2.34
164.417	0.00	0.07	2.270	O				2.34
164.500	0.00	0.07	2.270	O				2.34
164.583	0.00	0.07	2.269	O				2.34
164.667	0.00	0.07	2.269	O				2.34

164.750	0.00	0.07	2.268	O				2.34
164.833	0.00	0.07	2.268	O				2.34
164.917	0.00	0.07	2.267	O				2.34
165.000	0.00	0.07	2.267	O				2.34
165.083	0.00	0.07	2.266	O				2.34
165.167	0.00	0.07	2.266	O				2.34
165.250	0.00	0.07	2.265	O				2.34
165.333	0.00	0.07	2.265	O				2.34
165.417	0.00	0.07	2.265	O				2.34
165.500	0.00	0.07	2.264	O				2.34
165.583	0.00	0.07	2.264	O				2.34
165.667	0.00	0.07	2.263	O				2.34
165.750	0.00	0.07	2.263	O				2.34
165.833	0.00	0.07	2.262	O				2.34
165.917	0.00	0.07	2.262	O				2.34
166.000	0.00	0.07	2.261	O				2.33
166.083	0.00	0.07	2.261	O				2.33
166.167	0.00	0.07	2.260	O				2.33
166.250	0.00	0.07	2.260	O				2.33
166.333	0.00	0.07	2.259	O				2.33
166.417	0.00	0.07	2.259	O				2.33
166.500	0.00	0.07	2.258	O				2.33
166.583	0.00	0.07	2.258	O				2.33
166.667	0.00	0.07	2.257	O				2.33
166.750	0.00	0.07	2.257	O				2.33
166.833	0.00	0.07	2.256	O				2.33
166.917	0.00	0.07	2.256	O				2.33
167.000	0.00	0.07	2.255	O				2.33
167.083	0.00	0.07	2.255	O				2.33
167.167	0.00	0.07	2.254	O				2.33
167.250	0.00	0.07	2.254	O				2.33
167.333	0.00	0.07	2.253	O				2.33
167.417	0.00	0.07	2.253	O				2.33
167.500	0.00	0.07	2.253	O				2.33
167.583	0.00	0.07	2.252	O				2.33
167.667	0.00	0.07	2.252	O				2.32
167.750	0.00	0.07	2.251	O				2.32
167.833	0.00	0.07	2.251	O				2.32
167.917	0.00	0.07	2.250	O				2.32
168.000	0.00	0.07	2.250	O				2.32
168.083	0.00	0.07	2.249	O				2.32
168.167	0.00	0.07	2.249	O				2.32
168.250	0.00	0.07	2.248	O				2.32
168.333	0.00	0.07	2.248	O				2.32
168.417	0.00	0.07	2.247	O				2.32
168.500	0.00	0.07	2.247	O				2.32
168.583	0.00	0.07	2.246	O				2.32
168.667	0.00	0.07	2.246	O				2.32
168.750	0.00	0.07	2.245	O				2.32
168.833	0.00	0.07	2.245	O				2.32

168.917	0.00	0.07	2.245	O				2.32
169.000	0.00	0.07	2.244	O				2.32
169.083	0.00	0.07	2.244	O				2.32
169.167	0.00	0.07	2.243	O				2.32
169.250	0.00	0.07	2.243	O				2.32
169.333	0.00	0.07	2.242	O				2.31
169.417	0.00	0.07	2.242	O				2.31
169.500	0.00	0.07	2.241	O				2.31
169.583	0.00	0.07	2.241	O				2.31
169.667	0.00	0.07	2.240	O				2.31
169.750	0.00	0.07	2.240	O				2.31
169.833	0.00	0.07	2.240	O				2.31
169.917	0.00	0.07	2.239	O				2.31
170.000	0.00	0.07	2.239	O				2.31
170.083	0.00	0.07	2.238	O				2.31
170.167	0.00	0.07	2.238	O				2.31
170.250	0.00	0.07	2.237	O				2.31
170.333	0.00	0.07	2.237	O				2.31
170.417	0.00	0.07	2.236	O				2.31
170.500	0.00	0.07	2.236	O				2.31
170.583	0.00	0.07	2.235	O				2.31
170.667	0.00	0.07	2.235	O				2.31
170.750	0.00	0.07	2.235	O				2.31
170.833	0.00	0.07	2.234	O				2.31
170.917	0.00	0.07	2.234	O				2.31
171.000	0.00	0.06	2.233	O				2.31
171.083	0.00	0.06	2.233	O				2.30
171.167	0.00	0.06	2.232	O				2.30
171.250	0.00	0.06	2.232	O				2.30
171.333	0.00	0.06	2.231	O				2.30
171.417	0.00	0.06	2.231	O				2.30
171.500	0.00	0.06	2.231	O				2.30
171.583	0.00	0.06	2.230	O				2.30
171.667	0.00	0.06	2.230	O				2.30
171.750	0.00	0.06	2.229	O				2.30
171.833	0.00	0.06	2.229	O				2.30
171.917	0.00	0.06	2.228	O				2.30
172.000	0.00	0.06	2.228	O				2.30
172.083	0.00	0.06	2.227	O				2.30
172.167	0.00	0.06	2.227	O				2.30
172.250	0.00	0.06	2.227	O				2.30
172.333	0.00	0.06	2.226	O				2.30
172.417	0.00	0.06	2.226	O				2.30
172.500	0.00	0.06	2.225	O				2.30
172.583	0.00	0.06	2.225	O				2.30
172.667	0.00	0.06	2.224	O				2.30
172.750	0.00	0.06	2.224	O				2.30
172.833	0.00	0.06	2.223	O				2.30
172.917	0.00	0.06	2.223	O				2.29
173.000	0.00	0.06	2.223	O				2.29

173.083	0.00	0.06	2.222	O				2.29
173.167	0.00	0.06	2.222	O				2.29
173.250	0.00	0.06	2.221	O				2.29
173.333	0.00	0.06	2.221	O				2.29
173.417	0.00	0.06	2.220	O				2.29
173.500	0.00	0.06	2.220	O				2.29
173.583	0.00	0.06	2.220	O				2.29
173.667	0.00	0.06	2.219	O				2.29
173.750	0.00	0.06	2.219	O				2.29
173.833	0.00	0.06	2.218	O				2.29
173.917	0.00	0.06	2.218	O				2.29
174.000	0.00	0.06	2.217	O				2.29
174.083	0.00	0.06	2.217	O				2.29
174.167	0.00	0.06	2.217	O				2.29
174.250	0.00	0.06	2.216	O				2.29
174.333	0.00	0.06	2.216	O				2.29
174.417	0.00	0.06	2.215	O				2.29
174.500	0.00	0.06	2.215	O				2.29
174.583	0.00	0.06	2.214	O				2.29
174.667	0.00	0.06	2.214	O				2.29
174.750	0.00	0.06	2.214	O				2.29
174.833	0.00	0.06	2.213	O				2.28
174.917	0.00	0.06	2.213	O				2.28
175.000	0.00	0.06	2.212	O				2.28
175.083	0.00	0.06	2.212	O				2.28
175.167	0.00	0.06	2.212	O				2.28
175.250	0.00	0.06	2.211	O				2.28
175.333	0.00	0.06	2.211	O				2.28
175.417	0.00	0.06	2.210	O				2.28
175.500	0.00	0.06	2.210	O				2.28
175.583	0.00	0.06	2.209	O				2.28
175.667	0.00	0.06	2.209	O				2.28
175.750	0.00	0.06	2.209	O				2.28
175.833	0.00	0.06	2.208	O				2.28
175.917	0.00	0.06	2.208	O				2.28
176.000	0.00	0.06	2.207	O				2.28
176.083	0.00	0.06	2.207	O				2.28
176.167	0.00	0.06	2.207	O				2.28
176.250	0.00	0.06	2.206	O				2.28
176.333	0.00	0.06	2.206	O				2.28
176.417	0.00	0.06	2.205	O				2.28
176.500	0.00	0.06	2.205	O				2.28
176.583	0.00	0.06	2.204	O				2.28
176.667	0.00	0.06	2.204	O				2.28
176.750	0.00	0.06	2.204	O				2.27
176.833	0.00	0.06	2.203	O				2.27
176.917	0.00	0.06	2.203	O				2.27
177.000	0.00	0.06	2.202	O				2.27
177.083	0.00	0.06	2.202	O				2.27
177.167	0.00	0.06	2.202	O				2.27

177.250	0.00	0.06	2.201	O				2.27
177.333	0.00	0.06	2.201	O				2.27
177.417	0.00	0.06	2.200	O				2.27
177.500	0.00	0.06	2.200	O				2.27
177.583	0.00	0.06	2.200	O				2.27
177.667	0.00	0.06	2.199	O				2.27
177.750	0.00	0.06	2.199	O				2.27
177.833	0.00	0.06	2.198	O				2.27
177.917	0.00	0.06	2.198	O				2.27
178.000	0.00	0.06	2.198	O				2.27
178.083	0.00	0.06	2.197	O				2.27
178.167	0.00	0.06	2.197	O				2.27
178.250	0.00	0.06	2.196	O				2.27
178.333	0.00	0.06	2.196	O				2.27
178.417	0.00	0.06	2.196	O				2.27
178.500	0.00	0.06	2.195	O				2.27
178.583	0.00	0.06	2.195	O				2.27
178.667	0.00	0.06	2.194	O				2.26
178.750	0.00	0.06	2.194	O				2.26
178.833	0.00	0.06	2.194	O				2.26
178.917	0.00	0.06	2.193	O				2.26
179.000	0.00	0.06	2.193	O				2.26
179.083	0.00	0.06	2.192	O				2.26
179.167	0.00	0.06	2.192	O				2.26
179.250	0.00	0.06	2.192	O				2.26
179.333	0.00	0.06	2.191	O				2.26
179.417	0.00	0.06	2.191	O				2.26
179.500	0.00	0.06	2.190	O				2.26
179.583	0.00	0.06	2.190	O				2.26
179.667	0.00	0.06	2.190	O				2.26
179.750	0.00	0.06	2.189	O				2.26
179.833	0.00	0.06	2.189	O				2.26
179.917	0.00	0.06	2.188	O				2.26
180.000	0.00	0.06	2.188	O				2.26
180.083	0.00	0.06	2.188	O				2.26
180.167	0.00	0.06	2.187	O				2.26
180.250	0.00	0.06	2.187	O				2.26
180.333	0.00	0.06	2.187	O				2.26
180.417	0.00	0.06	2.186	O				2.26
180.500	0.00	0.06	2.186	O				2.26
180.583	0.00	0.06	2.185	O				2.26
180.667	0.00	0.06	2.185	O				2.26
180.750	0.00	0.06	2.185	O				2.25
180.833	0.00	0.06	2.184	O				2.25
180.917	0.00	0.06	2.184	O				2.25
181.000	0.00	0.06	2.183	O				2.25
181.083	0.00	0.06	2.183	O				2.25
181.167	0.00	0.06	2.183	O				2.25
181.250	0.00	0.06	2.182	O				2.25
181.333	0.00	0.06	2.182	O				2.25

181.417	0.00	0.06	2.182	O				2.25
181.500	0.00	0.06	2.181	O				2.25
181.583	0.00	0.06	2.181	O				2.25
181.667	0.00	0.06	2.180	O				2.25
181.750	0.00	0.06	2.180	O				2.25
181.833	0.00	0.05	2.180	O				2.25
181.917	0.00	0.05	2.179	O				2.25
182.000	0.00	0.05	2.179	O				2.25
182.083	0.00	0.05	2.179	O				2.25
182.167	0.00	0.05	2.178	O				2.25
182.250	0.00	0.05	2.178	O				2.25
182.333	0.00	0.05	2.177	O				2.25
182.417	0.00	0.05	2.177	O				2.25
182.500	0.00	0.05	2.177	O				2.25
182.583	0.00	0.05	2.176	O				2.25
182.667	0.00	0.05	2.176	O				2.25
182.750	0.00	0.05	2.176	O				2.25
182.833	0.00	0.05	2.175	O				2.24
182.917	0.00	0.05	2.175	O				2.24
183.000	0.00	0.05	2.174	O				2.24
183.083	0.00	0.05	2.174	O				2.24
183.167	0.00	0.05	2.174	O				2.24
183.250	0.00	0.05	2.173	O				2.24
183.333	0.00	0.05	2.173	O				2.24
183.417	0.00	0.05	2.173	O				2.24
183.500	0.00	0.05	2.172	O				2.24
183.583	0.00	0.05	2.172	O				2.24
183.667	0.00	0.05	2.171	O				2.24
183.750	0.00	0.05	2.171	O				2.24
183.833	0.00	0.05	2.171	O				2.24
183.917	0.00	0.05	2.170	O				2.24
184.000	0.00	0.05	2.170	O				2.24
184.083	0.00	0.05	2.170	O				2.24
184.167	0.00	0.05	2.169	O				2.24
184.250	0.00	0.05	2.169	O				2.24
184.333	0.00	0.05	2.169	O				2.24
184.417	0.00	0.05	2.168	O				2.24
184.500	0.00	0.05	2.168	O				2.24
184.583	0.00	0.05	2.167	O				2.24
184.667	0.00	0.05	2.167	O				2.24
184.750	0.00	0.05	2.167	O				2.24
184.833	0.00	0.05	2.166	O				2.24
184.917	0.00	0.05	2.166	O				2.24
185.000	0.00	0.05	2.166	O				2.24
185.083	0.00	0.05	2.165	O				2.23
185.167	0.00	0.05	2.165	O				2.23
185.250	0.00	0.05	2.165	O				2.23
185.333	0.00	0.05	2.164	O				2.23
185.417	0.00	0.05	2.164	O				2.23
185.500	0.00	0.05	2.163	O				2.23

185.583	0.00	0.05	2.163	O					2.23
185.667	0.00	0.05	2.163	O					2.23
185.750	0.00	0.05	2.162	O					2.23
185.833	0.00	0.05	2.162	O					2.23
185.917	0.00	0.05	2.162	O					2.23
186.000	0.00	0.05	2.161	O					2.23
186.083	0.00	0.05	2.161	O					2.23
186.167	0.00	0.05	2.161	O					2.23
186.250	0.00	0.05	2.160	O					2.23
186.333	0.00	0.05	2.160	O					2.23
186.417	0.00	0.05	2.160	O					2.23
186.500	0.00	0.05	2.159	O					2.23
186.583	0.00	0.05	2.159	O					2.23
186.667	0.00	0.05	2.159	O					2.23
186.750	0.00	0.05	2.158	O					2.23
186.833	0.00	0.05	2.158	O					2.23
186.917	0.00	0.05	2.157	O					2.23
187.000	0.00	0.05	2.157	O					2.23
187.083	0.00	0.05	2.157	O					2.23
187.167	0.00	0.05	2.156	O					2.23
187.250	0.00	0.05	2.156	O					2.23
187.333	0.00	0.05	2.156	O					2.22
187.417	0.00	0.05	2.155	O					2.22
187.500	0.00	0.05	2.155	O					2.22
187.583	0.00	0.05	2.155	O					2.22
187.667	0.00	0.05	2.154	O					2.22
187.750	0.00	0.05	2.154	O					2.22
187.833	0.00	0.05	2.154	O					2.22
187.917	0.00	0.05	2.153	O					2.22
188.000	0.00	0.05	2.153	O					2.22
188.083	0.00	0.05	2.153	O					2.22
188.167	0.00	0.05	2.152	O					2.22
188.250	0.00	0.05	2.152	O					2.22
188.333	0.00	0.05	2.152	O					2.22
188.417	0.00	0.05	2.151	O					2.22
188.500	0.00	0.05	2.151	O					2.22
188.583	0.00	0.05	2.151	O					2.22
188.667	0.00	0.05	2.150	O					2.22
188.750	0.00	0.05	2.150	O					2.22
188.833	0.00	0.05	2.150	O					2.22
188.917	0.00	0.05	2.149	O					2.22
189.000	0.00	0.05	2.149	O					2.22
189.083	0.00	0.05	2.149	O					2.22
189.167	0.00	0.05	2.148	O					2.22
189.250	0.00	0.05	2.148	O					2.22
189.333	0.00	0.05	2.148	O					2.22
189.417	0.00	0.05	2.147	O					2.22
189.500	0.00	0.05	2.147	O					2.22
189.583	0.00	0.05	2.146	O					2.22
189.667	0.00	0.05	2.146	O					2.21

189.750	0.00	0.05	2.146	O				2.21
189.833	0.00	0.05	2.145	O				2.21
189.917	0.00	0.05	2.145	O				2.21
190.000	0.00	0.05	2.145	O				2.21
190.083	0.00	0.05	2.144	O				2.21
190.167	0.00	0.05	2.144	O				2.21
190.250	0.00	0.05	2.144	O				2.21
190.333	0.00	0.05	2.143	O				2.21
190.417	0.00	0.05	2.143	O				2.21
190.500	0.00	0.05	2.143	O				2.21
190.583	0.00	0.05	2.142	O				2.21
190.667	0.00	0.05	2.142	O				2.21
190.750	0.00	0.05	2.142	O				2.21
190.833	0.00	0.05	2.142	O				2.21
190.917	0.00	0.05	2.141	O				2.21
191.000	0.00	0.05	2.141	O				2.21
191.083	0.00	0.05	2.141	O				2.21
191.167	0.00	0.05	2.140	O				2.21
191.250	0.00	0.05	2.140	O				2.21
191.333	0.00	0.05	2.140	O				2.21
191.417	0.00	0.05	2.139	O				2.21
191.500	0.00	0.05	2.139	O				2.21
191.583	0.00	0.05	2.139	O				2.21
191.667	0.00	0.05	2.138	O				2.21
191.750	0.00	0.05	2.138	O				2.21
191.833	0.00	0.05	2.138	O				2.21
191.917	0.00	0.05	2.137	O				2.21
192.000	0.00	0.05	2.137	O				2.21
192.083	0.00	0.05	2.137	O				2.20
192.167	0.00	0.05	2.136	O				2.20
192.250	0.00	0.05	2.136	O				2.20
192.333	0.00	0.05	2.136	O				2.20
192.417	0.00	0.05	2.135	O				2.20
192.500	0.00	0.05	2.135	O				2.20
192.583	0.00	0.05	2.135	O				2.20
192.667	0.00	0.05	2.134	O				2.20
192.750	0.00	0.05	2.134	O				2.20
192.833	0.00	0.05	2.134	O				2.20
192.917	0.00	0.05	2.133	O				2.20
193.000	0.00	0.05	2.133	O				2.20
193.083	0.00	0.05	2.133	O				2.20
193.167	0.00	0.05	2.132	O				2.20
193.250	0.00	0.05	2.132	O				2.20
193.333	0.00	0.05	2.132	O				2.20
193.417	0.00	0.05	2.132	O				2.20
193.500	0.00	0.05	2.131	O				2.20
193.583	0.00	0.05	2.131	O				2.20
193.667	0.00	0.05	2.131	O				2.20
193.750	0.00	0.05	2.130	O				2.20
193.833	0.00	0.05	2.130	O				2.20

193.917	0.00	0.05	2.130	O				2.20
194.000	0.00	0.05	2.129	O				2.20
194.083	0.00	0.05	2.129	O				2.20
194.167	0.00	0.05	2.129	O				2.20
194.250	0.00	0.05	2.128	O				2.20
194.333	0.00	0.05	2.128	O				2.20
194.417	0.00	0.05	2.128	O				2.20
194.500	0.00	0.05	2.127	O				2.20
194.583	0.00	0.05	2.127	O				2.19
194.667	0.00	0.05	2.127	O				2.19
194.750	0.00	0.04	2.127	O				2.19
194.833	0.00	0.04	2.126	O				2.19
194.917	0.00	0.04	2.126	O				2.19
195.000	0.00	0.04	2.126	O				2.19
195.083	0.00	0.04	2.125	O				2.19
195.167	0.00	0.04	2.125	O				2.19
195.250	0.00	0.04	2.125	O				2.19
195.333	0.00	0.04	2.124	O				2.19
195.417	0.00	0.04	2.124	O				2.19
195.500	0.00	0.04	2.124	O				2.19
195.583	0.00	0.04	2.123	O				2.19
195.667	0.00	0.04	2.123	O				2.19
195.750	0.00	0.04	2.123	O				2.19
195.833	0.00	0.04	2.123	O				2.19
195.917	0.00	0.04	2.122	O				2.19
196.000	0.00	0.04	2.122	O				2.19
196.083	0.00	0.04	2.122	O				2.19
196.167	0.00	0.04	2.121	O				2.19
196.250	0.00	0.04	2.121	O				2.19
196.333	0.00	0.04	2.121	O				2.19
196.417	0.00	0.04	2.120	O				2.19
196.500	0.00	0.04	2.120	O				2.19
196.583	0.00	0.04	2.120	O				2.19
196.667	0.00	0.04	2.119	O				2.19
196.750	0.00	0.04	2.119	O				2.19
196.833	0.00	0.04	2.119	O				2.19
196.917	0.00	0.04	2.119	O				2.19
197.000	0.00	0.04	2.118	O				2.19
197.083	0.00	0.04	2.118	O				2.19
197.167	0.00	0.04	2.118	O				2.19
197.250	0.00	0.04	2.117	O				2.18
197.333	0.00	0.04	2.117	O				2.18
197.417	0.00	0.04	2.117	O				2.18
197.500	0.00	0.04	2.116	O				2.18
197.583	0.00	0.04	2.116	O				2.18
197.667	0.00	0.04	2.116	O				2.18
197.750	0.00	0.04	2.116	O				2.18
197.833	0.00	0.04	2.115	O				2.18
197.917	0.00	0.04	2.115	O				2.18
198.000	0.00	0.04	2.115	O				2.18

198.083	0.00	0.04	2.114	O				2.18
198.167	0.00	0.04	2.114	O				2.18
198.250	0.00	0.04	2.114	O				2.18
198.333	0.00	0.04	2.114	O				2.18
198.417	0.00	0.04	2.113	O				2.18
198.500	0.00	0.04	2.113	O				2.18
198.583	0.00	0.04	2.113	O				2.18
198.667	0.00	0.04	2.112	O				2.18
198.750	0.00	0.04	2.112	O				2.18
198.833	0.00	0.04	2.112	O				2.18
198.917	0.00	0.04	2.112	O				2.18
199.000	0.00	0.04	2.111	O				2.18
199.083	0.00	0.04	2.111	O				2.18
199.167	0.00	0.04	2.111	O				2.18
199.250	0.00	0.04	2.110	O				2.18
199.333	0.00	0.04	2.110	O				2.18
199.417	0.00	0.04	2.110	O				2.18
199.500	0.00	0.04	2.109	O				2.18
199.583	0.00	0.04	2.109	O				2.18
199.667	0.00	0.04	2.109	O				2.18
199.750	0.00	0.04	2.109	O				2.18
199.833	0.00	0.04	2.108	O				2.18
199.917	0.00	0.04	2.108	O				2.18
200.000	0.00	0.04	2.108	O				2.17
200.083	0.00	0.04	2.107	O				2.17
200.167	0.00	0.04	2.107	O				2.17
200.250	0.00	0.04	2.107	O				2.17
200.333	0.00	0.04	2.107	O				2.17
200.417	0.00	0.04	2.106	O				2.17
200.500	0.00	0.04	2.106	O				2.17
200.583	0.00	0.04	2.106	O				2.17
200.667	0.00	0.04	2.105	O				2.17
200.750	0.00	0.04	2.105	O				2.17
200.833	0.00	0.04	2.105	O				2.17
200.917	0.00	0.04	2.105	O				2.17
201.000	0.00	0.04	2.104	O				2.17
201.083	0.00	0.04	2.104	O				2.17
201.167	0.00	0.04	2.104	O				2.17
201.250	0.00	0.04	2.104	O				2.17
201.333	0.00	0.04	2.103	O				2.17
201.417	0.00	0.04	2.103	O				2.17
201.500	0.00	0.04	2.103	O				2.17
201.583	0.00	0.04	2.102	O				2.17
201.667	0.00	0.04	2.102	O				2.17
201.750	0.00	0.04	2.102	O				2.17
201.833	0.00	0.04	2.102	O				2.17
201.917	0.00	0.04	2.101	O				2.17
202.000	0.00	0.04	2.101	O				2.17
202.083	0.00	0.04	2.101	O				2.17
202.167	0.00	0.04	2.100	O				2.17

202.250	0.00	0.04	2.100	O				2.17
202.333	0.00	0.04	2.100	O				2.17
202.417	0.00	0.04	2.100	O				2.17
202.500	0.00	0.04	2.099	O				2.17
202.583	0.00	0.04	2.099	O				2.17
202.667	0.00	0.04	2.099	O				2.17
202.750	0.00	0.04	2.099	O				2.17
202.833	0.00	0.04	2.098	O				2.16
202.917	0.00	0.04	2.098	O				2.16
203.000	0.00	0.04	2.098	O				2.16
203.083	0.00	0.04	2.097	O				2.16
203.167	0.00	0.04	2.097	O				2.16
203.250	0.00	0.04	2.097	O				2.16
203.333	0.00	0.04	2.097	O				2.16
203.417	0.00	0.04	2.096	O				2.16
203.500	0.00	0.04	2.096	O				2.16
203.583	0.00	0.04	2.096	O				2.16
203.667	0.00	0.04	2.096	O				2.16
203.750	0.00	0.04	2.095	O				2.16
203.833	0.00	0.04	2.095	O				2.16
203.917	0.00	0.04	2.095	O				2.16
204.000	0.00	0.04	2.094	O				2.16
204.083	0.00	0.04	2.094	O				2.16
204.167	0.00	0.04	2.094	O				2.16
204.250	0.00	0.04	2.094	O				2.16
204.333	0.00	0.04	2.093	O				2.16
204.417	0.00	0.04	2.093	O				2.16
204.500	0.00	0.04	2.093	O				2.16
204.583	0.00	0.04	2.093	O				2.16
204.667	0.00	0.04	2.092	O				2.16
204.750	0.00	0.04	2.092	O				2.16
204.833	0.00	0.04	2.092	O				2.16
204.917	0.00	0.04	2.092	O				2.16
205.000	0.00	0.04	2.091	O				2.16
205.083	0.00	0.04	2.091	O				2.16
205.167	0.00	0.04	2.091	O				2.16
205.250	0.00	0.04	2.090	O				2.16
205.333	0.00	0.04	2.090	O				2.16
205.417	0.00	0.04	2.090	O				2.16
205.500	0.00	0.04	2.090	O				2.16
205.583	0.00	0.04	2.089	O				2.16
205.667	0.00	0.04	2.089	O				2.16
205.750	0.00	0.04	2.089	O				2.16
205.833	0.00	0.04	2.089	O				2.15
205.917	0.00	0.04	2.088	O				2.15
206.000	0.00	0.04	2.088	O				2.15
206.083	0.00	0.04	2.088	O				2.15
206.167	0.00	0.04	2.088	O				2.15
206.250	0.00	0.04	2.087	O				2.15
206.333	0.00	0.04	2.087	O				2.15

206.417	0.00	0.04	2.087	O				2.15
206.500	0.00	0.04	2.087	O				2.15
206.583	0.00	0.04	2.086	O				2.15
206.667	0.00	0.04	2.086	O				2.15
206.750	0.00	0.04	2.086	O				2.15
206.833	0.00	0.04	2.086	O				2.15
206.917	0.00	0.04	2.085	O				2.15
207.000	0.00	0.04	2.085	O				2.15
207.083	0.00	0.04	2.085	O				2.15
207.167	0.00	0.04	2.085	O				2.15
207.250	0.00	0.04	2.084	O				2.15
207.333	0.00	0.04	2.084	O				2.15
207.417	0.00	0.04	2.084	O				2.15
207.500	0.00	0.04	2.084	O				2.15
207.583	0.00	0.04	2.083	O				2.15
207.667	0.00	0.04	2.083	O				2.15
207.750	0.00	0.04	2.083	O				2.15
207.833	0.00	0.04	2.082	O				2.15
207.917	0.00	0.04	2.082	O				2.15
208.000	0.00	0.04	2.082	O				2.15
208.083	0.00	0.04	2.082	O				2.15
208.167	0.00	0.04	2.081	O				2.15
208.250	0.00	0.04	2.081	O				2.15
208.333	0.00	0.04	2.081	O				2.15
208.417	0.00	0.04	2.081	O				2.15
208.500	0.00	0.04	2.080	O				2.15
208.583	0.00	0.04	2.080	O				2.15
208.667	0.00	0.04	2.080	O				2.15
208.750	0.00	0.04	2.080	O				2.15
208.833	0.00	0.04	2.079	O				2.15
208.917	0.00	0.04	2.079	O				2.15
209.000	0.00	0.04	2.079	O				2.14
209.083	0.00	0.04	2.079	O				2.14
209.167	0.00	0.04	2.078	O				2.14
209.250	0.00	0.04	2.078	O				2.14
209.333	0.00	0.04	2.078	O				2.14
209.417	0.00	0.04	2.078	O				2.14
209.500	0.00	0.04	2.077	O				2.14
209.583	0.00	0.04	2.077	O				2.14
209.667	0.00	0.04	2.077	O				2.14
209.750	0.00	0.04	2.077	O				2.14
209.833	0.00	0.04	2.077	O				2.14
209.917	0.00	0.04	2.076	O				2.14
210.000	0.00	0.04	2.076	O				2.14
210.083	0.00	0.04	2.076	O				2.14
210.167	0.00	0.04	2.076	O				2.14
210.250	0.00	0.04	2.075	O				2.14
210.333	0.00	0.04	2.075	O				2.14
210.417	0.00	0.04	2.075	O				2.14
210.500	0.00	0.04	2.075	O				2.14

210.583	0.00	0.04	2.074	O				2.14
210.667	0.00	0.04	2.074	O				2.14
210.750	0.00	0.04	2.074	O				2.14
210.833	0.00	0.04	2.074	O				2.14
210.917	0.00	0.04	2.073	O				2.14
211.000	0.00	0.03	2.073	O				2.14
211.083	0.00	0.03	2.073	O				2.14
211.167	0.00	0.03	2.073	O				2.14
211.250	0.00	0.03	2.072	O				2.14
211.333	0.00	0.03	2.072	O				2.14
211.417	0.00	0.03	2.072	O				2.14
211.500	0.00	0.03	2.072	O				2.14
211.583	0.00	0.03	2.071	O				2.14
211.667	0.00	0.03	2.071	O				2.14
211.750	0.00	0.03	2.071	O				2.14
211.833	0.00	0.03	2.071	O				2.14
211.917	0.00	0.03	2.070	O				2.14
212.000	0.00	0.03	2.070	O				2.14
212.083	0.00	0.03	2.070	O				2.14
212.167	0.00	0.03	2.070	O				2.14
212.250	0.00	0.03	2.070	O				2.13
212.333	0.00	0.03	2.069	O				2.13
212.417	0.00	0.03	2.069	O				2.13
212.500	0.00	0.03	2.069	O				2.13
212.583	0.00	0.03	2.069	O				2.13
212.667	0.00	0.03	2.068	O				2.13
212.750	0.00	0.03	2.068	O				2.13
212.833	0.00	0.03	2.068	O				2.13
212.917	0.00	0.03	2.068	O				2.13
213.000	0.00	0.03	2.067	O				2.13
213.083	0.00	0.03	2.067	O				2.13
213.167	0.00	0.03	2.067	O				2.13
213.250	0.00	0.03	2.067	O				2.13
213.333	0.00	0.03	2.066	O				2.13
213.417	0.00	0.03	2.066	O				2.13
213.500	0.00	0.03	2.066	O				2.13
213.583	0.00	0.03	2.066	O				2.13
213.667	0.00	0.03	2.066	O				2.13
213.750	0.00	0.03	2.065	O				2.13
213.833	0.00	0.03	2.065	O				2.13
213.917	0.00	0.03	2.065	O				2.13
214.000	0.00	0.03	2.065	O				2.13
214.083	0.00	0.03	2.064	O				2.13
214.167	0.00	0.03	2.064	O				2.13
214.250	0.00	0.03	2.064	O				2.13
214.333	0.00	0.03	2.064	O				2.13
214.417	0.00	0.03	2.063	O				2.13
214.500	0.00	0.03	2.063	O				2.13
214.583	0.00	0.03	2.063	O				2.13
214.667	0.00	0.03	2.063	O				2.13

214.750	0.00	0.03	2.063	O				2.13
214.833	0.00	0.03	2.062	O				2.13
214.917	0.00	0.03	2.062	O				2.13
215.000	0.00	0.03	2.062	O				2.13
215.083	0.00	0.03	2.062	O				2.13
215.167	0.00	0.03	2.061	O				2.13
215.250	0.00	0.03	2.061	O				2.13
215.333	0.00	0.03	2.061	O				2.13
215.417	0.00	0.03	2.061	O				2.13
215.500	0.00	0.03	2.061	O				2.13
215.583	0.00	0.03	2.060	O				2.13
215.667	0.00	0.03	2.060	O				2.13
215.750	0.00	0.03	2.060	O				2.12
215.833	0.00	0.03	2.060	O				2.12
215.917	0.00	0.03	2.059	O				2.12
216.000	0.00	0.03	2.059	O				2.12
216.083	0.00	0.03	2.059	O				2.12
216.167	0.00	0.03	2.059	O				2.12
216.250	0.00	0.03	2.059	O				2.12
216.333	0.00	0.03	2.058	O				2.12
216.417	0.00	0.03	2.058	O				2.12
216.500	0.00	0.03	2.058	O				2.12
216.583	0.00	0.03	2.058	O				2.12
216.667	0.00	0.03	2.057	O				2.12
216.750	0.00	0.03	2.057	O				2.12
216.833	0.00	0.03	2.057	O				2.12
216.917	0.00	0.03	2.057	O				2.12
217.000	0.00	0.03	2.057	O				2.12
217.083	0.00	0.03	2.056	O				2.12
217.167	0.00	0.03	2.056	O				2.12
217.250	0.00	0.03	2.056	O				2.12
217.333	0.00	0.03	2.056	O				2.12
217.417	0.00	0.03	2.055	O				2.12
217.500	0.00	0.03	2.055	O				2.12
217.583	0.00	0.03	2.055	O				2.12
217.667	0.00	0.03	2.055	O				2.12
217.750	0.00	0.03	2.055	O				2.12
217.833	0.00	0.03	2.054	O				2.12
217.917	0.00	0.03	2.054	O				2.12
218.000	0.00	0.03	2.054	O				2.12
218.083	0.00	0.03	2.054	O				2.12
218.167	0.00	0.03	2.054	O				2.12
218.250	0.00	0.03	2.053	O				2.12
218.333	0.00	0.03	2.053	O				2.12
218.417	0.00	0.03	2.053	O				2.12
218.500	0.00	0.03	2.053	O				2.12
218.583	0.00	0.03	2.052	O				2.12
218.667	0.00	0.03	2.052	O				2.12
218.750	0.00	0.03	2.052	O				2.12
218.833	0.00	0.03	2.052	O				2.12

218.917	0.00	0.03	2.052	O	|	|	|	|	2.12
219.000	0.00	0.03	2.051	O	|	|	|	|	2.12
219.083	0.00	0.03	2.051	O	|	|	|	|	2.12
219.167	0.00	0.03	2.051	O	|	|	|	|	2.12
219.250	0.00	0.03	2.051	O	|	|	|	|	2.12
219.333	0.00	0.03	2.051	O	|	|	|	|	2.12
219.417	0.00	0.03	2.050	O	|	|	|	|	2.11
219.500	0.00	0.03	2.050	O	|	|	|	|	2.11
219.583	0.00	0.03	2.050	O	|	|	|	|	2.11
219.667	0.00	0.03	2.050	O	|	|	|	|	2.11
219.750	0.00	0.03	2.049	O	|	|	|	|	2.11
219.833	0.00	0.03	2.049	O	|	|	|	|	2.11
219.917	0.00	0.03	2.049	O	|	|	|	|	2.11
220.000	0.00	0.03	2.049	O	|	|	|	|	2.11
220.083	0.00	0.03	2.049	O	|	|	|	|	2.11
220.167	0.00	0.03	2.048	O	|	|	|	|	2.11
220.250	0.00	0.03	2.048	O	|	|	|	|	2.11
220.333	0.00	0.03	2.048	O	|	|	|	|	2.11
220.417	0.00	0.03	2.048	O	|	|	|	|	2.11
220.500	0.00	0.03	2.048	O	|	|	|	|	2.11
220.583	0.00	0.03	2.047	O	|	|	|	|	2.11
220.667	0.00	0.03	2.047	O	|	|	|	|	2.11
220.750	0.00	0.03	2.047	O	|	|	|	|	2.11
220.833	0.00	0.03	2.047	O	|	|	|	|	2.11
220.917	0.00	0.03	2.047	O	|	|	|	|	2.11
221.000	0.00	0.03	2.046	O	|	|	|	|	2.11
221.083	0.00	0.03	2.046	O	|	|	|	|	2.11
221.167	0.00	0.03	2.046	O	|	|	|	|	2.11
221.250	0.00	0.03	2.046	O	|	|	|	|	2.11
221.333	0.00	0.03	2.046	O	|	|	|	|	2.11
221.417	0.00	0.03	2.045	O	|	|	|	|	2.11
221.500	0.00	0.03	2.045	O	|	|	|	|	2.11
221.583	0.00	0.03	2.045	O	|	|	|	|	2.11
221.667	0.00	0.03	2.045	O	|	|	|	|	2.11
221.750	0.00	0.03	2.045	O	|	|	|	|	2.11
221.833	0.00	0.03	2.044	O	|	|	|	|	2.11
221.917	0.00	0.03	2.044	O	|	|	|	|	2.11
222.000	0.00	0.03	2.044	O	|	|	|	|	2.11
222.083	0.00	0.03	2.044	O	|	|	|	|	2.11
222.167	0.00	0.03	2.043	O	|	|	|	|	2.11
222.250	0.00	0.03	2.043	O	|	|	|	|	2.11
222.333	0.00	0.03	2.043	O	|	|	|	|	2.11
222.417	0.00	0.03	2.043	O	|	|	|	|	2.11
222.500	0.00	0.03	2.043	O	|	|	|	|	2.11
222.583	0.00	0.03	2.042	O	|	|	|	|	2.11
222.667	0.00	0.03	2.042	O	|	|	|	|	2.11
222.750	0.00	0.03	2.042	O	|	|	|	|	2.11
222.833	0.00	0.03	2.042	O	|	|	|	|	2.11
222.917	0.00	0.03	2.042	O	|	|	|	|	2.11
223.000	0.00	0.03	2.041	O	|	|	|	|	2.11

223.083	0.00	0.03	2.041	O				2.11
223.167	0.00	0.03	2.041	O				2.11
223.250	0.00	0.03	2.041	O				2.11
223.333	0.00	0.03	2.041	O				2.10
223.417	0.00	0.03	2.040	O				2.10
223.500	0.00	0.03	2.040	O				2.10
223.583	0.00	0.03	2.040	O				2.10
223.667	0.00	0.03	2.040	O				2.10
223.750	0.00	0.03	2.040	O				2.10
223.833	0.00	0.03	2.039	O				2.10
223.917	0.00	0.03	2.039	O				2.10
224.000	0.00	0.03	2.039	O				2.10
224.083	0.00	0.03	2.039	O				2.10
224.167	0.00	0.03	2.039	O				2.10
224.250	0.00	0.03	2.039	O				2.10
224.333	0.00	0.03	2.038	O				2.10
224.417	0.00	0.03	2.038	O				2.10
224.500	0.00	0.03	2.038	O				2.10
224.583	0.00	0.03	2.038	O				2.10
224.667	0.00	0.03	2.038	O				2.10
224.750	0.00	0.03	2.037	O				2.10
224.833	0.00	0.03	2.037	O				2.10
224.917	0.00	0.03	2.037	O				2.10
225.000	0.00	0.03	2.037	O				2.10
225.083	0.00	0.03	2.037	O				2.10
225.167	0.00	0.03	2.036	O				2.10
225.250	0.00	0.03	2.036	O				2.10
225.333	0.00	0.03	2.036	O				2.10
225.417	0.00	0.03	2.036	O				2.10
225.500	0.00	0.03	2.036	O				2.10
225.583	0.00	0.03	2.035	O				2.10
225.667	0.00	0.03	2.035	O				2.10
225.750	0.00	0.03	2.035	O				2.10
225.833	0.00	0.03	2.035	O				2.10
225.917	0.00	0.03	2.035	O				2.10
226.000	0.00	0.03	2.034	O				2.10
226.083	0.00	0.03	2.034	O				2.10
226.167	0.00	0.03	2.034	O				2.10
226.250	0.00	0.03	2.034	O				2.10
226.333	0.00	0.03	2.034	O				2.10
226.417	0.00	0.03	2.033	O				2.10
226.500	0.00	0.03	2.033	O				2.10
226.583	0.00	0.03	2.033	O				2.10
226.667	0.00	0.03	2.033	O				2.10
226.750	0.00	0.03	2.033	O				2.10
226.833	0.00	0.03	2.033	O				2.10
226.917	0.00	0.03	2.032	O				2.10
227.000	0.00	0.03	2.032	O				2.10
227.083	0.00	0.03	2.032	O				2.10
227.167	0.00	0.03	2.032	O				2.10

227.250	0.00	0.03	2.032	O				2.10
227.333	0.00	0.03	2.031	O				2.10
227.417	0.00	0.03	2.031	O				2.10
227.500	0.00	0.03	2.031	O				2.09
227.583	0.00	0.03	2.031	O				2.09
227.667	0.00	0.03	2.031	O				2.09
227.750	0.00	0.03	2.030	O				2.09
227.833	0.00	0.03	2.030	O				2.09
227.917	0.00	0.03	2.030	O				2.09
228.000	0.00	0.03	2.030	O				2.09
228.083	0.00	0.03	2.030	O				2.09
228.167	0.00	0.03	2.030	O				2.09
228.250	0.00	0.03	2.029	O				2.09
228.333	0.00	0.03	2.029	O				2.09
228.417	0.00	0.03	2.029	O				2.09
228.500	0.00	0.03	2.029	O				2.09
228.583	0.00	0.03	2.029	O				2.09
228.667	0.00	0.03	2.028	O				2.09
228.750	0.00	0.03	2.028	O				2.09
228.833	0.00	0.03	2.028	O				2.09
228.917	0.00	0.03	2.028	O				2.09
229.000	0.00	0.03	2.028	O				2.09
229.083	0.00	0.03	2.028	O				2.09
229.167	0.00	0.03	2.027	O				2.09
229.250	0.00	0.03	2.027	O				2.09
229.333	0.00	0.03	2.027	O				2.09
229.417	0.00	0.03	2.027	O				2.09
229.500	0.00	0.03	2.027	O				2.09
229.583	0.00	0.03	2.026	O				2.09
229.667	0.00	0.03	2.026	O				2.09
229.750	0.00	0.03	2.026	O				2.09
229.833	0.00	0.03	2.026	O				2.09
229.917	0.00	0.03	2.026	O				2.09
230.000	0.00	0.03	2.026	O				2.09
230.083	0.00	0.03	2.025	O				2.09
230.167	0.00	0.03	2.025	O				2.09
230.250	0.00	0.03	2.025	O				2.09
230.333	0.00	0.03	2.025	O				2.09
230.417	0.00	0.03	2.025	O				2.09
230.500	0.00	0.03	2.024	O				2.09
230.583	0.00	0.03	2.024	O				2.09
230.667	0.00	0.03	2.024	O				2.09
230.750	0.00	0.03	2.024	O				2.09
230.833	0.00	0.03	2.024	O				2.09
230.917	0.00	0.03	2.024	O				2.09
231.000	0.00	0.03	2.023	O				2.09
231.083	0.00	0.03	2.023	O				2.09
231.167	0.00	0.03	2.023	O				2.09
231.250	0.00	0.03	2.023	O				2.09
231.333	0.00	0.03	2.023	O				2.09

231.417	0.00	0.03	2.023	O					2.09
231.500	0.00	0.03	2.022	O					2.09
231.583	0.00	0.03	2.022	O					2.09
231.667	0.00	0.03	2.022	O					2.09
231.750	0.00	0.03	2.022	O					2.09
231.833	0.00	0.03	2.022	O					2.09
231.917	0.00	0.03	2.021	O					2.08
232.000	0.00	0.03	2.021	O					2.08
232.083	0.00	0.03	2.021	O					2.08
232.167	0.00	0.03	2.021	O					2.08
232.250	0.00	0.03	2.021	O					2.08
232.333	0.00	0.03	2.021	O					2.08
232.417	0.00	0.03	2.020	O					2.08
232.500	0.00	0.03	2.020	O					2.08
232.583	0.00	0.03	2.020	O					2.08
232.667	0.00	0.02	2.020	O					2.08
232.750	0.00	0.02	2.020	O					2.08
232.833	0.00	0.02	2.020	O					2.08
232.917	0.00	0.02	2.019	O					2.08
233.000	0.00	0.02	2.019	O					2.08
233.083	0.00	0.02	2.019	O					2.08
233.167	0.00	0.02	2.019	O					2.08
233.250	0.00	0.02	2.019	O					2.08
233.333	0.00	0.02	2.019	O					2.08
233.417	0.00	0.02	2.018	O					2.08
233.500	0.00	0.02	2.018	O					2.08
233.583	0.00	0.02	2.018	O					2.08
233.667	0.00	0.02	2.018	O					2.08
233.750	0.00	0.02	2.018	O					2.08
233.833	0.00	0.02	2.018	O					2.08
233.917	0.00	0.02	2.017	O					2.08
234.000	0.00	0.02	2.017	O					2.08
234.083	0.00	0.02	2.017	O					2.08
234.167	0.00	0.02	2.017	O					2.08
234.250	0.00	0.02	2.017	O					2.08
234.333	0.00	0.02	2.017	O					2.08
234.417	0.00	0.02	2.016	O					2.08
234.500	0.00	0.02	2.016	O					2.08
234.583	0.00	0.02	2.016	O					2.08
234.667	0.00	0.02	2.016	O					2.08
234.750	0.00	0.02	2.016	O					2.08
234.833	0.00	0.02	2.016	O					2.08
234.917	0.00	0.02	2.015	O					2.08
235.000	0.00	0.02	2.015	O					2.08
235.083	0.00	0.02	2.015	O					2.08
235.167	0.00	0.02	2.015	O					2.08
235.250	0.00	0.02	2.015	O					2.08
235.333	0.00	0.02	2.015	O					2.08
235.417	0.00	0.02	2.014	O					2.08
235.500	0.00	0.02	2.014	O					2.08

235.583	0.00	0.02	2.014	O				2.08
235.667	0.00	0.02	2.014	O				2.08
235.750	0.00	0.02	2.014	O				2.08
235.833	0.00	0.02	2.014	O				2.08
235.917	0.00	0.02	2.013	O				2.08
236.000	0.00	0.02	2.013	O				2.08
236.083	0.00	0.02	2.013	O				2.08
236.167	0.00	0.02	2.013	O				2.08
236.250	0.00	0.02	2.013	O				2.08
236.333	0.00	0.02	2.013	O				2.08
236.417	0.00	0.02	2.012	O				2.08
236.500	0.00	0.02	2.012	O				2.08
236.583	0.00	0.02	2.012	O				2.08
236.667	0.00	0.02	2.012	O				2.07
236.750	0.00	0.02	2.012	O				2.07
236.833	0.00	0.02	2.012	O				2.07
236.917	0.00	0.02	2.011	O				2.07
237.000	0.00	0.02	2.011	O				2.07
237.083	0.00	0.02	2.011	O				2.07
237.167	0.00	0.02	2.011	O				2.07
237.250	0.00	0.02	2.011	O				2.07
237.333	0.00	0.02	2.011	O				2.07
237.417	0.00	0.02	2.010	O				2.07
237.500	0.00	0.02	2.010	O				2.07
237.583	0.00	0.02	2.010	O				2.07
237.667	0.00	0.02	2.010	O				2.07
237.750	0.00	0.02	2.010	O				2.07
237.833	0.00	0.02	2.010	O				2.07
237.917	0.00	0.02	2.010	O				2.07
238.000	0.00	0.02	2.009	O				2.07
238.083	0.00	0.02	2.009	O				2.07
238.167	0.00	0.02	2.009	O				2.07
238.250	0.00	0.02	2.009	O				2.07
238.333	0.00	0.02	2.009	O				2.07
238.417	0.00	0.02	2.009	O				2.07
238.500	0.00	0.02	2.008	O				2.07
238.583	0.00	0.02	2.008	O				2.07
238.667	0.00	0.02	2.008	O				2.07
238.750	0.00	0.02	2.008	O				2.07
238.833	0.00	0.02	2.008	O				2.07
238.917	0.00	0.02	2.008	O				2.07
239.000	0.00	0.02	2.007	O				2.07
239.083	0.00	0.02	2.007	O				2.07
239.167	0.00	0.02	2.007	O				2.07
239.250	0.00	0.02	2.007	O				2.07
239.333	0.00	0.02	2.007	O				2.07
239.417	0.00	0.02	2.007	O				2.07
239.500	0.00	0.02	2.007	O				2.07
239.583	0.00	0.02	2.006	O				2.07
239.667	0.00	0.02	2.006	O				2.07

239.750	0.00	0.02	2.006	O				2.07
239.833	0.00	0.02	2.006	O				2.07
239.917	0.00	0.02	2.006	O				2.07
240.000	0.00	0.02	2.006	O				2.07
240.083	0.00	0.02	2.005	O				2.07
240.167	0.00	0.02	2.005	O				2.07
240.250	0.00	0.02	2.005	O				2.07
240.333	0.00	0.02	2.005	O				2.07
240.417	0.00	0.02	2.005	O				2.07
240.500	0.00	0.02	2.005	O				2.07
240.583	0.00	0.02	2.005	O				2.07
240.667	0.00	0.02	2.004	O				2.07
240.750	0.00	0.02	2.004	O				2.07
240.833	0.00	0.02	2.004	O				2.07
240.917	0.00	0.02	2.004	O				2.07
241.000	0.00	0.02	2.004	O				2.07
241.083	0.00	0.02	2.004	O				2.07
241.167	0.00	0.02	2.003	O				2.07
241.250	0.00	0.02	2.003	O				2.07
241.333	0.00	0.02	2.003	O				2.07
241.417	0.00	0.02	2.003	O				2.07
241.500	0.00	0.02	2.003	O				2.07
241.583	0.00	0.02	2.003	O				2.07
241.667	0.00	0.02	2.003	O				2.07
241.750	0.00	0.02	2.002	O				2.07
241.833	0.00	0.02	2.002	O				2.06
241.917	0.00	0.02	2.002	O				2.06
242.000	0.00	0.02	2.002	O				2.06
242.083	0.00	0.02	2.002	O				2.06
242.167	0.00	0.02	2.002	O				2.06
242.250	0.00	0.02	2.002	O				2.06
242.333	0.00	0.02	2.001	O				2.06
242.417	0.00	0.02	2.001	O				2.06
242.500	0.00	0.02	2.001	O				2.06
242.583	0.00	0.02	2.001	O				2.06
242.667	0.00	0.02	2.001	O				2.06
242.750	0.00	0.02	2.001	O				2.06
242.833	0.00	0.02	2.001	O				2.06
242.917	0.00	0.02	2.000	O				2.06
243.000	0.00	0.02	2.000	O				2.06
243.083	0.00	0.02	2.000	O				2.06
243.167	0.00	0.02	2.000	O				2.06
243.250	0.00	0.02	2.000	O				2.06
243.333	0.00	0.02	2.000	O				2.06
243.417	0.00	0.02	1.999	O				2.06
243.500	0.00	0.02	1.999	O				2.06
243.583	0.00	0.02	1.999	O				2.06
243.667	0.00	0.02	1.999	O				2.06
243.750	0.00	0.02	1.999	O				2.06
243.833	0.00	0.02	1.999	O				2.06

243.917	0.00	0.02	1.999	O				2.06
244.000	0.00	0.02	1.998	O				2.06
244.083	0.00	0.02	1.998	O				2.06
244.167	0.00	0.02	1.998	O				2.06
244.250	0.00	0.02	1.998	O				2.06
244.333	0.00	0.02	1.998	O				2.06
244.417	0.00	0.02	1.998	O				2.06
244.500	0.00	0.02	1.998	O				2.06
244.583	0.00	0.02	1.997	O				2.06
244.667	0.00	0.02	1.997	O				2.06
244.750	0.00	0.02	1.997	O				2.06
244.833	0.00	0.02	1.997	O				2.06
244.917	0.00	0.02	1.997	O				2.06
245.000	0.00	0.02	1.997	O				2.06
245.083	0.00	0.02	1.997	O				2.06
245.167	0.00	0.02	1.996	O				2.06
245.250	0.00	0.02	1.996	O				2.06
245.333	0.00	0.02	1.996	O				2.06
245.417	0.00	0.02	1.996	O				2.06
245.500	0.00	0.02	1.996	O				2.06
245.583	0.00	0.02	1.996	O				2.06
245.667	0.00	0.02	1.996	O				2.06
245.750	0.00	0.02	1.995	O				2.06
245.833	0.00	0.02	1.995	O				2.06
245.917	0.00	0.02	1.995	O				2.06
246.000	0.00	0.02	1.995	O				2.06
246.083	0.00	0.02	1.995	O				2.06
246.167	0.00	0.02	1.995	O				2.06
246.250	0.00	0.02	1.995	O				2.06
246.333	0.00	0.02	1.995	O				2.06
246.417	0.00	0.02	1.994	O				2.06
246.500	0.00	0.02	1.994	O				2.06
246.583	0.00	0.02	1.994	O				2.06
246.667	0.00	0.02	1.994	O				2.06
246.750	0.00	0.02	1.994	O				2.06
246.833	0.00	0.02	1.994	O				2.06
246.917	0.00	0.02	1.994	O				2.06
247.000	0.00	0.02	1.993	O				2.06
247.083	0.00	0.02	1.993	O				2.06
247.167	0.00	0.02	1.993	O				2.06
247.250	0.00	0.02	1.993	O				2.06
247.333	0.00	0.02	1.993	O				2.06
247.417	0.00	0.02	1.993	O				2.05
247.500	0.00	0.02	1.993	O				2.05
247.583	0.00	0.02	1.992	O				2.05
247.667	0.00	0.02	1.992	O				2.05
247.750	0.00	0.02	1.992	O				2.05
247.833	0.00	0.02	1.992	O				2.05
247.917	0.00	0.02	1.992	O				2.05
248.000	0.00	0.02	1.992	O				2.05

248.083	0.00	0.02	1.992	O				2.05
248.167	0.00	0.02	1.991	O				2.05
248.250	0.00	0.02	1.991	O				2.05
248.333	0.00	0.02	1.991	O				2.05
248.417	0.00	0.02	1.991	O				2.05
248.500	0.00	0.02	1.991	O				2.05
248.583	0.00	0.02	1.991	O				2.05
248.667	0.00	0.02	1.991	O				2.05
248.750	0.00	0.02	1.991	O				2.05
248.833	0.00	0.02	1.990	O				2.05
248.917	0.00	0.02	1.990	O				2.05
249.000	0.00	0.02	1.990	O				2.05
249.083	0.00	0.02	1.990	O				2.05
249.167	0.00	0.02	1.990	O				2.05
249.250	0.00	0.02	1.990	O				2.05
249.333	0.00	0.02	1.990	O				2.05
249.417	0.00	0.02	1.989	O				2.05
249.500	0.00	0.02	1.989	O				2.05
249.583	0.00	0.02	1.989	O				2.05
249.667	0.00	0.02	1.989	O				2.05
249.750	0.00	0.02	1.989	O				2.05
249.833	0.00	0.02	1.989	O				2.05
249.917	0.00	0.02	1.989	O				2.05
250.000	0.00	0.02	1.989	O				2.05
250.083	0.00	0.02	1.988	O				2.05
250.167	0.00	0.02	1.988	O				2.05
250.250	0.00	0.02	1.988	O				2.05
250.333	0.00	0.02	1.988	O				2.05
250.417	0.00	0.02	1.988	O				2.05
250.500	0.00	0.02	1.988	O				2.05
250.583	0.00	0.02	1.988	O				2.05
250.667	0.00	0.02	1.988	O				2.05
250.750	0.00	0.02	1.987	O				2.05
250.833	0.00	0.02	1.987	O				2.05
250.917	0.00	0.02	1.987	O				2.05
251.000	0.00	0.02	1.987	O				2.05
251.083	0.00	0.02	1.987	O				2.05
251.167	0.00	0.02	1.987	O				2.05
251.250	0.00	0.02	1.987	O				2.05
251.333	0.00	0.02	1.986	O				2.05
251.417	0.00	0.02	1.986	O				2.05
251.500	0.00	0.02	1.986	O				2.05
251.583	0.00	0.02	1.986	O				2.05
251.667	0.00	0.02	1.986	O				2.05
251.750	0.00	0.02	1.986	O				2.05
251.833	0.00	0.02	1.986	O				2.05
251.917	0.00	0.02	1.986	O				2.05
252.000	0.00	0.02	1.985	O				2.05
252.083	0.00	0.02	1.985	O				2.05
252.167	0.00	0.02	1.985	O				2.05

252.250	0.00	0.02	1.985	O				2.05
252.333	0.00	0.02	1.985	O				2.05
252.417	0.00	0.02	1.985	O				2.05
252.500	0.00	0.02	1.985	O				2.05
252.583	0.00	0.02	1.985	O				2.05
252.667	0.00	0.02	1.984	O				2.05
252.750	0.00	0.02	1.984	O				2.05
252.833	0.00	0.02	1.984	O				2.05
252.917	0.00	0.02	1.984	O				2.05
253.000	0.00	0.02	1.984	O				2.05
253.083	0.00	0.02	1.984	O				2.05
253.167	0.00	0.02	1.984	O				2.05
253.250	0.00	0.02	1.984	O				2.05
253.333	0.00	0.02	1.983	O				2.05
253.417	0.00	0.02	1.983	O				2.05
253.500	0.00	0.02	1.983	O				2.04
253.583	0.00	0.02	1.983	O				2.04
253.667	0.00	0.02	1.983	O				2.04
253.750	0.00	0.02	1.983	O				2.04
253.833	0.00	0.02	1.983	O				2.04
253.917	0.00	0.02	1.983	O				2.04
254.000	0.00	0.02	1.982	O				2.04
254.083	0.00	0.02	1.982	O				2.04
254.167	0.00	0.02	1.982	O				2.04
254.250	0.00	0.02	1.982	O				2.04
254.333	0.00	0.02	1.982	O				2.04
254.417	0.00	0.02	1.982	O				2.04
254.500	0.00	0.02	1.982	O				2.04
254.583	0.00	0.02	1.982	O				2.04
254.667	0.00	0.02	1.981	O				2.04
254.750	0.00	0.02	1.981	O				2.04
254.833	0.00	0.02	1.981	O				2.04
254.917	0.00	0.02	1.981	O				2.04
255.000	0.00	0.02	1.981	O				2.04
255.083	0.00	0.02	1.981	O				2.04
255.167	0.00	0.02	1.981	O				2.04
255.250	0.00	0.02	1.981	O				2.04
255.333	0.00	0.02	1.980	O				2.04
255.417	0.00	0.02	1.980	O				2.04
255.500	0.00	0.02	1.980	O				2.04
255.583	0.00	0.02	1.980	O				2.04
255.667	0.00	0.02	1.980	O				2.04
255.750	0.00	0.02	1.980	O				2.04
255.833	0.00	0.02	1.980	O				2.04
255.917	0.00	0.02	1.980	O				2.04
256.000	0.00	0.02	1.980	O				2.04
256.083	0.00	0.02	1.979	O				2.04
256.167	0.00	0.02	1.979	O				2.04
256.250	0.00	0.02	1.979	O				2.04
256.333	0.00	0.02	1.979	O				2.04

256.417	0.00	0.02	1.979	O				2.04
256.500	0.00	0.02	1.979	O				2.04
256.583	0.00	0.02	1.979	O				2.04
256.667	0.00	0.02	1.979	O				2.04
256.750	0.00	0.02	1.978	O				2.04
256.833	0.00	0.02	1.978	O				2.04
256.917	0.00	0.02	1.978	O				2.04
257.000	0.00	0.02	1.978	O				2.04
257.083	0.00	0.02	1.978	O				2.04
257.167	0.00	0.02	1.978	O				2.04
257.250	0.00	0.02	1.978	O				2.04
257.333	0.00	0.02	1.978	O				2.04
257.417	0.00	0.02	1.977	O				2.04
257.500	0.00	0.02	1.977	O				2.04
257.583	0.00	0.02	1.977	O				2.04
257.667	0.00	0.02	1.977	O				2.04
257.750	0.00	0.02	1.977	O				2.04
257.833	0.00	0.02	1.977	O				2.04
257.917	0.00	0.02	1.977	O				2.04
258.000	0.00	0.02	1.977	O				2.04
258.083	0.00	0.02	1.977	O				2.04
258.167	0.00	0.02	1.976	O				2.04
258.250	0.00	0.02	1.976	O				2.04
258.333	0.00	0.02	1.976	O				2.04
258.417	0.00	0.02	1.976	O				2.04
258.500	0.00	0.02	1.976	O				2.04
258.583	0.00	0.02	1.976	O				2.04
258.667	0.00	0.02	1.976	O				2.04
258.750	0.00	0.02	1.976	O				2.04
258.833	0.00	0.02	1.976	O				2.04
258.917	0.00	0.02	1.975	O				2.04
259.000	0.00	0.02	1.975	O				2.04
259.083	0.00	0.02	1.975	O				2.04
259.167	0.00	0.02	1.975	O				2.04
259.250	0.00	0.02	1.975	O				2.04
259.333	0.00	0.02	1.975	O				2.04
259.417	0.00	0.02	1.975	O				2.04
259.500	0.00	0.02	1.975	O				2.04
259.583	0.00	0.02	1.974	O				2.04
259.667	0.00	0.02	1.974	O				2.04
259.750	0.00	0.02	1.974	O				2.04
259.833	0.00	0.02	1.974	O				2.04
259.917	0.00	0.02	1.974	O				2.04
260.000	0.00	0.02	1.974	O				2.04
260.083	0.00	0.02	1.974	O				2.04
260.167	0.00	0.02	1.974	O				2.04
260.250	0.00	0.02	1.974	O				2.03
260.333	0.00	0.02	1.973	O				2.03
260.417	0.00	0.02	1.973	O				2.03
260.500	0.00	0.02	1.973	O				2.03

260.583	0.00	0.02	1.973	O				2.03
260.667	0.00	0.02	1.973	O				2.03
260.750	0.00	0.02	1.973	O				2.03
260.833	0.00	0.02	1.973	O				2.03
260.917	0.00	0.02	1.973	O				2.03
261.000	0.00	0.02	1.973	O				2.03
261.083	0.00	0.02	1.972	O				2.03
261.167	0.00	0.02	1.972	O				2.03
261.250	0.00	0.02	1.972	O				2.03
261.333	0.00	0.02	1.972	O				2.03
261.417	0.00	0.02	1.972	O				2.03
261.500	0.00	0.02	1.972	O				2.03
261.583	0.00	0.02	1.972	O				2.03
261.667	0.00	0.02	1.972	O				2.03
261.750	0.00	0.02	1.972	O				2.03
261.833	0.00	0.02	1.971	O				2.03
261.917	0.00	0.02	1.971	O				2.03
262.000	0.00	0.02	1.971	O				2.03
262.083	0.00	0.02	1.971	O				2.03
262.167	0.00	0.02	1.971	O				2.03
262.250	0.00	0.02	1.971	O				2.03
262.333	0.00	0.02	1.971	O				2.03
262.417	0.00	0.02	1.971	O				2.03
262.500	0.00	0.02	1.971	O				2.03
262.583	0.00	0.02	1.970	O				2.03
262.667	0.00	0.02	1.970	O				2.03
262.750	0.00	0.02	1.970	O				2.03
262.833	0.00	0.02	1.970	O				2.03
262.917	0.00	0.02	1.970	O				2.03
263.000	0.00	0.02	1.970	O				2.03
263.083	0.00	0.02	1.970	O				2.03
263.167	0.00	0.02	1.970	O				2.03
263.250	0.00	0.02	1.970	O				2.03
263.333	0.00	0.02	1.970	O				2.03
263.417	0.00	0.02	1.969	O				2.03
263.500	0.00	0.02	1.969	O				2.03
263.583	0.00	0.02	1.969	O				2.03
263.667	0.00	0.02	1.969	O				2.03
263.750	0.00	0.02	1.969	O				2.03
263.833	0.00	0.02	1.969	O				2.03
263.917	0.00	0.02	1.969	O				2.03
264.000	0.00	0.02	1.969	O				2.03
264.083	0.00	0.02	1.969	O				2.03
264.167	0.00	0.02	1.968	O				2.03
264.250	0.00	0.02	1.968	O				2.03
264.333	0.00	0.02	1.968	O				2.03
264.417	0.00	0.02	1.968	O				2.03
264.500	0.00	0.02	1.968	O				2.03
264.583	0.00	0.02	1.968	O				2.03
264.667	0.00	0.02	1.968	O				2.03

264.750	0.00	0.02	1.968	O				2.03
264.833	0.00	0.02	1.968	O				2.03
264.917	0.00	0.02	1.968	O				2.03
265.000	0.00	0.02	1.967	O				2.03
265.083	0.00	0.02	1.967	O				2.03
265.167	0.00	0.02	1.967	O				2.03
265.250	0.00	0.02	1.967	O				2.03
265.333	0.00	0.02	1.967	O				2.03
265.417	0.00	0.02	1.967	O				2.03
265.500	0.00	0.02	1.967	O				2.03
265.583	0.00	0.02	1.967	O				2.03
265.667	0.00	0.01	1.967	O				2.03
265.750	0.00	0.01	1.966	O				2.03
265.833	0.00	0.01	1.966	O				2.03
265.917	0.00	0.01	1.966	O				2.03
266.000	0.00	0.01	1.966	O				2.03
266.083	0.00	0.01	1.966	O				2.03
266.167	0.00	0.01	1.966	O				2.03
266.250	0.00	0.01	1.966	O				2.03
266.333	0.00	0.01	1.966	O				2.03
266.417	0.00	0.01	1.966	O				2.03
266.500	0.00	0.01	1.966	O				2.03
266.583	0.00	0.01	1.965	O				2.03
266.667	0.00	0.01	1.965	O				2.03
266.750	0.00	0.01	1.965	O				2.03
266.833	0.00	0.01	1.965	O				2.03
266.917	0.00	0.01	1.965	O				2.03
267.000	0.00	0.01	1.965	O				2.03
267.083	0.00	0.01	1.965	O				2.03
267.167	0.00	0.01	1.965	O				2.03
267.250	0.00	0.01	1.965	O				2.03
267.333	0.00	0.01	1.965	O				2.03
267.417	0.00	0.01	1.964	O				2.03
267.500	0.00	0.01	1.964	O				2.03
267.583	0.00	0.01	1.964	O				2.03
267.667	0.00	0.01	1.964	O				2.03
267.750	0.00	0.01	1.964	O				2.03
267.833	0.00	0.01	1.964	O				2.02
267.917	0.00	0.01	1.964	O				2.02
268.000	0.00	0.01	1.964	O				2.02
268.083	0.00	0.01	1.964	O				2.02
268.167	0.00	0.01	1.964	O				2.02
268.250	0.00	0.01	1.963	O				2.02
268.333	0.00	0.01	1.963	O				2.02
268.417	0.00	0.01	1.963	O				2.02
268.500	0.00	0.01	1.963	O				2.02
268.583	0.00	0.01	1.963	O				2.02
268.667	0.00	0.01	1.963	O				2.02
268.750	0.00	0.01	1.963	O				2.02
268.833	0.00	0.01	1.963	O				2.02

268.917	0.00	0.01	1.963	O				2.02
269.000	0.00	0.01	1.963	O				2.02
269.083	0.00	0.01	1.962	O				2.02
269.167	0.00	0.01	1.962	O				2.02
269.250	0.00	0.01	1.962	O				2.02
269.333	0.00	0.01	1.962	O				2.02
269.417	0.00	0.01	1.962	O				2.02
269.500	0.00	0.01	1.962	O				2.02
269.583	0.00	0.01	1.962	O				2.02
269.667	0.00	0.01	1.962	O				2.02
269.750	0.00	0.01	1.962	O				2.02
269.833	0.00	0.01	1.962	O				2.02
269.917	0.00	0.01	1.961	O				2.02
270.000	0.00	0.01	1.961	O				2.02
270.083	0.00	0.01	1.961	O				2.02
270.167	0.00	0.01	1.961	O				2.02
270.250	0.00	0.01	1.961	O				2.02
270.333	0.00	0.01	1.961	O				2.02
270.417	0.00	0.01	1.961	O				2.02
270.500	0.00	0.01	1.961	O				2.02
270.583	0.00	0.01	1.961	O				2.02
270.667	0.00	0.01	1.961	O				2.02
270.750	0.00	0.01	1.961	O				2.02
270.833	0.00	0.01	1.960	O				2.02
270.917	0.00	0.01	1.960	O				2.02
271.000	0.00	0.01	1.960	O				2.02
271.083	0.00	0.01	1.960	O				2.02
271.167	0.00	0.01	1.960	O				2.02
271.250	0.00	0.01	1.960	O				2.02
271.333	0.00	0.01	1.960	O				2.02
271.417	0.00	0.01	1.960	O				2.02
271.500	0.00	0.01	1.960	O				2.02
271.583	0.00	0.01	1.960	O				2.02
271.667	0.00	0.01	1.959	O				2.02
271.750	0.00	0.01	1.959	O				2.02
271.833	0.00	0.01	1.959	O				2.02
271.917	0.00	0.01	1.959	O				2.02
272.000	0.00	0.01	1.959	O				2.02
272.083	0.00	0.01	1.959	O				2.02
272.167	0.00	0.01	1.959	O				2.02
272.250	0.00	0.01	1.959	O				2.02
272.333	0.00	0.01	1.959	O				2.02
272.417	0.00	0.01	1.959	O				2.02
272.500	0.00	0.01	1.959	O				2.02
272.583	0.00	0.01	1.958	O				2.02
272.667	0.00	0.01	1.958	O				2.02
272.750	0.00	0.01	1.958	O				2.02
272.833	0.00	0.01	1.958	O				2.02
272.917	0.00	0.01	1.958	O				2.02
273.000	0.00	0.01	1.958	O				2.02

273.083	0.00	0.01	1.958	O				2.02
273.167	0.00	0.01	1.958	O				2.02
273.250	0.00	0.01	1.958	O				2.02
273.333	0.00	0.01	1.958	O				2.02
273.417	0.00	0.01	1.958	O				2.02
273.500	0.00	0.01	1.957	O				2.02
273.583	0.00	0.01	1.957	O				2.02
273.667	0.00	0.01	1.957	O				2.02
273.750	0.00	0.01	1.957	O				2.02
273.833	0.00	0.01	1.957	O				2.02
273.917	0.00	0.01	1.957	O				2.02
274.000	0.00	0.01	1.957	O				2.02
274.083	0.00	0.01	1.957	O				2.02
274.167	0.00	0.01	1.957	O				2.02
274.250	0.00	0.01	1.957	O				2.02
274.333	0.00	0.01	1.957	O				2.02
274.417	0.00	0.01	1.956	O				2.02
274.500	0.00	0.01	1.956	O				2.02
274.583	0.00	0.01	1.956	O				2.02
274.667	0.00	0.01	1.956	O				2.02
274.750	0.00	0.01	1.956	O				2.02
274.833	0.00	0.01	1.956	O				2.02
274.917	0.00	0.01	1.956	O				2.02
275.000	0.00	0.01	1.956	O				2.02
275.083	0.00	0.01	1.956	O				2.02
275.167	0.00	0.01	1.956	O				2.02
275.250	0.00	0.01	1.956	O				2.02
275.333	0.00	0.01	1.955	O				2.02
275.417	0.00	0.01	1.955	O				2.02
275.500	0.00	0.01	1.955	O				2.02
275.583	0.00	0.01	1.955	O				2.02
275.667	0.00	0.01	1.955	O				2.02
275.750	0.00	0.01	1.955	O				2.02
275.833	0.00	0.01	1.955	O				2.02
275.917	0.00	0.01	1.955	O				2.02
276.000	0.00	0.01	1.955	O				2.02
276.083	0.00	0.01	1.955	O				2.02
276.167	0.00	0.01	1.955	O				2.02
276.250	0.00	0.01	1.954	O				2.02
276.333	0.00	0.01	1.954	O				2.02
276.417	0.00	0.01	1.954	O				2.01
276.500	0.00	0.01	1.954	O				2.01
276.583	0.00	0.01	1.954	O				2.01
276.667	0.00	0.01	1.954	O				2.01
276.750	0.00	0.01	1.954	O				2.01
276.833	0.00	0.01	1.954	O				2.01
276.917	0.00	0.01	1.954	O				2.01
277.000	0.00	0.01	1.954	O				2.01
277.083	0.00	0.01	1.954	O				2.01
277.167	0.00	0.01	1.954	O				2.01

277.250	0.00	0.01	1.953	O				2.01
277.333	0.00	0.01	1.953	O				2.01
277.417	0.00	0.01	1.953	O				2.01
277.500	0.00	0.01	1.953	O				2.01
277.583	0.00	0.01	1.953	O				2.01
277.667	0.00	0.01	1.953	O				2.01
277.750	0.00	0.01	1.953	O				2.01
277.833	0.00	0.01	1.953	O				2.01
277.917	0.00	0.01	1.953	O				2.01
278.000	0.00	0.01	1.953	O				2.01
278.083	0.00	0.01	1.953	O				2.01
278.167	0.00	0.01	1.953	O				2.01
278.250	0.00	0.01	1.952	O				2.01
278.333	0.00	0.01	1.952	O				2.01
278.417	0.00	0.01	1.952	O				2.01
278.500	0.00	0.01	1.952	O				2.01
278.583	0.00	0.01	1.952	O				2.01
278.667	0.00	0.01	1.952	O				2.01
278.750	0.00	0.01	1.952	O				2.01
278.833	0.00	0.01	1.952	O				2.01
278.917	0.00	0.01	1.952	O				2.01
279.000	0.00	0.01	1.952	O				2.01
279.083	0.00	0.01	1.952	O				2.01
279.167	0.00	0.01	1.952	O				2.01
279.250	0.00	0.01	1.951	O				2.01
279.333	0.00	0.01	1.951	O				2.01
279.417	0.00	0.01	1.951	O				2.01
279.500	0.00	0.01	1.951	O				2.01
279.583	0.00	0.01	1.951	O				2.01
279.667	0.00	0.01	1.951	O				2.01
279.750	0.00	0.01	1.951	O				2.01
279.833	0.00	0.01	1.951	O				2.01
279.917	0.00	0.01	1.951	O				2.01
280.000	0.00	0.01	1.951	O				2.01
280.083	0.00	0.01	1.951	O				2.01
280.167	0.00	0.01	1.951	O				2.01
280.250	0.00	0.01	1.950	O				2.01
280.333	0.00	0.01	1.950	O				2.01
280.417	0.00	0.01	1.950	O				2.01
280.500	0.00	0.01	1.950	O				2.01
280.583	0.00	0.01	1.950	O				2.01
280.667	0.00	0.01	1.950	O				2.01
280.750	0.00	0.01	1.950	O				2.01
280.833	0.00	0.01	1.950	O				2.01
280.917	0.00	0.01	1.950	O				2.01
281.000	0.00	0.01	1.950	O				2.01
281.083	0.00	0.01	1.950	O				2.01
281.167	0.00	0.01	1.950	O				2.01
281.250	0.00	0.01	1.949	O				2.01
281.333	0.00	0.01	1.949	O				2.01

281.417	0.00	0.01	1.949	O	|	|	|	2.01
281.500	0.00	0.01	1.949	O	|	|	|	2.01
281.583	0.00	0.01	1.949	O	|	|	|	2.01
281.667	0.00	0.01	1.949	O	|	|	|	2.01
281.750	0.00	0.01	1.949	O	|	|	|	2.01
281.833	0.00	0.01	1.949	O	|	|	|	2.01
281.917	0.00	0.01	1.949	O	|	|	|	2.01
282.000	0.00	0.01	1.949	O	|	|	|	2.01
282.083	0.00	0.01	1.949	O	|	|	|	2.01
282.167	0.00	0.01	1.949	O	|	|	|	2.01
282.250	0.00	0.01	1.948	O	|	|	|	2.01
282.333	0.00	0.01	1.948	O	|	|	|	2.01
282.417	0.00	0.01	1.948	O	|	|	|	2.01
282.500	0.00	0.01	1.948	O	|	|	|	2.01
282.583	0.00	0.01	1.948	O	|	|	|	2.01
282.667	0.00	0.01	1.948	O	|	|	|	2.01
282.750	0.00	0.01	1.948	O	|	|	|	2.01
282.833	0.00	0.01	1.948	O	|	|	|	2.01
282.917	0.00	0.01	1.948	O	|	|	|	2.01
283.000	0.00	0.01	1.948	O	|	|	|	2.01
283.083	0.00	0.01	1.948	O	|	|	|	2.01
283.167	0.00	0.01	1.948	O	|	|	|	2.01
283.250	0.00	0.01	1.948	O	|	|	|	2.01
283.333	0.00	0.01	1.947	O	|	|	|	2.01
283.417	0.00	0.01	1.947	O	|	|	|	2.01
283.500	0.00	0.01	1.947	O	|	|	|	2.01
283.583	0.00	0.01	1.947	O	|	|	|	2.01
283.667	0.00	0.01	1.947	O	|	|	|	2.01
283.750	0.00	0.01	1.947	O	|	|	|	2.01
283.833	0.00	0.01	1.947	O	|	|	|	2.01
283.917	0.00	0.01	1.947	O	|	|	|	2.01
284.000	0.00	0.01	1.947	O	|	|	|	2.01
284.083	0.00	0.01	1.947	O	|	|	|	2.01
284.167	0.00	0.01	1.947	O	|	|	|	2.01
284.250	0.00	0.01	1.947	O	|	|	|	2.01
284.333	0.00	0.01	1.947	O	|	|	|	2.01
284.417	0.00	0.01	1.946	O	|	|	|	2.01
284.500	0.00	0.01	1.946	O	|	|	|	2.01
284.583	0.00	0.01	1.946	O	|	|	|	2.01
284.667	0.00	0.01	1.946	O	|	|	|	2.01
284.750	0.00	0.01	1.946	O	|	|	|	2.01
284.833	0.00	0.01	1.946	O	|	|	|	2.01
284.917	0.00	0.01	1.946	O	|	|	|	2.01
285.000	0.00	0.01	1.946	O	|	|	|	2.01
285.083	0.00	0.01	1.946	O	|	|	|	2.01
285.167	0.00	0.01	1.946	O	|	|	|	2.01
285.250	0.00	0.01	1.946	O	|	|	|	2.01
285.333	0.00	0.01	1.946	O	|	|	|	2.01
285.417	0.00	0.01	1.946	O	|	|	|	2.01
285.500	0.00	0.01	1.945	O	|	|	|	2.01

285.583	0.00	0.01	1.945	O				2.01
285.667	0.00	0.01	1.945	O				2.01
285.750	0.00	0.01	1.945	O				2.01
285.833	0.00	0.01	1.945	O				2.01
285.917	0.00	0.01	1.945	O				2.01
286.000	0.00	0.01	1.945	O				2.01
286.083	0.00	0.01	1.945	O				2.01
286.167	0.00	0.01	1.945	O				2.01
286.250	0.00	0.01	1.945	O				2.00
286.333	0.00	0.01	1.945	O				2.00
286.417	0.00	0.01	1.945	O				2.00
286.500	0.00	0.01	1.945	O				2.00
286.583	0.00	0.01	1.944	O				2.00
286.667	0.00	0.01	1.944	O				2.00
286.750	0.00	0.01	1.944	O				2.00
286.833	0.00	0.01	1.944	O				2.00
286.917	0.00	0.01	1.944	O				2.00
287.000	0.00	0.01	1.944	O				2.00
287.083	0.00	0.01	1.944	O				2.00
287.167	0.00	0.01	1.944	O				2.00
287.250	0.00	0.01	1.944	O				2.00
287.333	0.00	0.01	1.944	O				2.00
287.417	0.00	0.01	1.944	O				2.00
287.500	0.00	0.01	1.944	O				2.00
287.583	0.00	0.01	1.944	O				2.00
287.667	0.00	0.01	1.944	O				2.00
287.750	0.00	0.01	1.943	O				2.00
287.833	0.00	0.01	1.943	O				2.00
287.917	0.00	0.01	1.943	O				2.00
288.000	0.00	0.01	1.943	O				2.00
288.083	0.00	0.01	1.943	O				2.00
288.167	0.00	0.01	1.943	O				2.00
288.250	0.00	0.01	1.943	O				2.00
288.333	0.00	0.01	1.943	O				2.00
288.417	0.00	0.01	1.943	O				2.00
288.500	0.00	0.01	1.943	O				2.00
288.583	0.00	0.01	1.943	O				2.00
288.667	0.00	0.01	1.943	O				2.00
288.750	0.00	0.01	1.943	O				2.00
288.833	0.00	0.01	1.942	O				2.00
288.917	0.00	0.01	1.942	O				2.00
289.000	0.00	0.01	1.942	O				2.00
289.083	0.00	0.01	1.942	O				2.00
289.167	0.00	0.01	1.942	O				2.00
289.250	0.00	0.01	1.942	O				2.00
289.333	0.00	0.01	1.942	O				2.00
289.417	0.00	0.01	1.942	O				2.00
289.500	0.00	0.01	1.942	O				2.00
289.583	0.00	0.01	1.942	O				2.00
289.667	0.00	0.01	1.942	O				2.00

289.750	0.00	0.01	1.942	O				2.00
289.833	0.00	0.01	1.942	O				2.00
289.917	0.00	0.01	1.942	O				2.00
290.000	0.00	0.01	1.941	O				2.00
290.083	0.00	0.01	1.941	O				2.00
290.167	0.00	0.01	1.941	O				2.00
290.250	0.00	0.01	1.941	O				2.00
290.333	0.00	0.01	1.941	O				2.00
290.417	0.00	0.01	1.941	O				2.00
290.500	0.00	0.01	1.941	O				2.00
290.583	0.00	0.01	1.941	O				2.00
290.667	0.00	0.01	1.941	O				2.00
290.750	0.00	0.01	1.941	O				2.00
290.833	0.00	0.01	1.941	O				2.00
290.917	0.00	0.01	1.941	O				2.00
291.000	0.00	0.01	1.941	O				2.00
291.083	0.00	0.01	1.941	O				2.00
291.167	0.00	0.01	1.940	O				2.00
291.250	0.00	0.01	1.940	O				2.00
291.333	0.00	0.01	1.940	O				2.00
291.417	0.00	0.01	1.940	O				2.00
291.500	0.00	0.01	1.940	O				2.00
291.583	0.00	0.01	1.940	O				2.00
291.667	0.00	0.01	1.940	O				2.00
291.750	0.00	0.01	1.940	O				2.00
291.833	0.00	0.01	1.940	O				2.00
291.917	0.00	0.01	1.940	O				2.00
292.000	0.00	0.01	1.940	O				2.00
292.083	0.00	0.01	1.940	O				2.00
292.167	0.00	0.01	1.940	O				2.00
292.250	0.00	0.01	1.940	O				2.00
292.333	0.00	0.01	1.940	O				2.00
292.417	0.00	0.01	1.939	O				2.00
292.500	0.00	0.01	1.939	O				2.00
292.583	0.00	0.01	1.939	O				2.00
292.667	0.00	0.01	1.939	O				2.00
292.750	0.00	0.01	1.939	O				2.00
292.833	0.00	0.01	1.939	O				2.00
292.917	0.00	0.01	1.939	O				2.00
293.000	0.00	0.01	1.939	O				2.00
293.083	0.00	0.01	1.939	O				2.00
293.167	0.00	0.01	1.939	O				2.00
293.250	0.00	0.01	1.939	O				2.00
293.333	0.00	0.01	1.939	O				2.00
293.417	0.00	0.01	1.939	O				2.00
293.500	0.00	0.01	1.939	O				2.00
293.583	0.00	0.01	1.939	O				2.00
293.667	0.00	0.01	1.938	O				2.00
293.750	0.00	0.01	1.938	O				2.00
293.833	0.00	0.01	1.938	O				2.00

293.917	0.00	0.01	1.938	O				2.00
294.000	0.00	0.01	1.938	O				2.00
294.083	0.00	0.01	1.938	O				2.00
294.167	0.00	0.01	1.938	O				2.00
294.250	0.00	0.01	1.938	O				2.00
294.333	0.00	0.01	1.938	O				2.00
294.417	0.00	0.01	1.938	O				2.00
294.500	0.00	0.01	1.938	O				2.00
294.583	0.00	0.01	1.938	O				2.00
294.667	0.00	0.01	1.938	O				2.00
294.750	0.00	0.01	1.938	O				2.00
294.833	0.00	0.01	1.937	O				2.00
294.917	0.00	0.01	1.937	O				2.00
295.000	0.00	0.01	1.937	O				2.00
295.083	0.00	0.01	1.937	O				2.00
295.167	0.00	0.01	1.937	O				2.00
295.250	0.00	0.01	1.937	O				2.00
295.333	0.00	0.01	1.937	O				2.00
295.417	0.00	0.01	1.937	O				2.00
295.500	0.00	0.01	1.937	O				2.00
295.583	0.00	0.01	1.937	O				2.00
295.667	0.00	0.01	1.937	O				2.00
295.750	0.00	0.01	1.937	O				2.00
295.833	0.00	0.01	1.937	O				2.00
295.917	0.00	0.01	1.937	O				2.00
296.000	0.00	0.01	1.937	O				2.00
296.083	0.00	0.01	1.936	O				2.00
296.167	0.00	0.01	1.936	O				2.00
296.250	0.00	0.01	1.936	O				2.00
296.333	0.00	0.01	1.936	O				2.00
296.417	0.00	0.01	1.936	O				2.00
296.500	0.00	0.01	1.936	O				2.00
296.583	0.00	0.01	1.936	O				2.00
296.667	0.00	0.01	1.936	O				2.00
296.750	0.00	0.01	1.936	O				2.00
296.833	0.00	0.01	1.936	O				2.00
296.917	0.00	0.01	1.936	O				2.00
297.000	0.00	0.01	1.936	O				2.00
297.083	0.00	0.01	1.936	O				2.00
297.167	0.00	0.01	1.936	O				2.00
297.250	0.00	0.01	1.935	O				2.00
297.333	0.00	0.01	1.935	O				2.00
297.417	0.00	0.01	1.935	O				2.00
297.500	0.00	0.01	1.935	O				2.00
297.583	0.00	0.01	1.935	O				2.00
297.667	0.00	0.01	1.935	O				2.00
297.750	0.00	0.01	1.935	O				1.99
297.833	0.00	0.01	1.935	O				1.99
297.917	0.00	0.01	1.935	O				1.99
298.000	0.00	0.01	1.935	O				1.99

298.083	0.00	0.01	1.935	O				1.99
298.167	0.00	0.01	1.935	O				1.99
298.250	0.00	0.01	1.935	O				1.99
298.333	0.00	0.01	1.935	O				1.99
298.417	0.00	0.01	1.935	O				1.99
298.500	0.00	0.01	1.934	O				1.99
298.583	0.00	0.01	1.934	O				1.99
298.667	0.00	0.01	1.934	O				1.99
298.750	0.00	0.01	1.934	O				1.99
298.833	0.00	0.01	1.934	O				1.99
298.917	0.00	0.01	1.934	O				1.99
299.000	0.00	0.01	1.934	O				1.99
299.083	0.00	0.01	1.934	O				1.99
299.167	0.00	0.01	1.934	O				1.99
299.250	0.00	0.01	1.934	O				1.99
299.333	0.00	0.01	1.934	O				1.99
299.417	0.00	0.01	1.934	O				1.99
299.500	0.00	0.01	1.934	O				1.99
299.583	0.00	0.01	1.934	O				1.99
299.667	0.00	0.01	1.934	O				1.99
299.750	0.00	0.01	1.933	O				1.99
299.833	0.00	0.01	1.933	O				1.99
299.917	0.00	0.01	1.933	O				1.99
300.000	0.00	0.01	1.933	O				1.99
300.083	0.00	0.01	1.933	O				1.99
300.167	0.00	0.01	1.933	O				1.99
300.250	0.00	0.01	1.933	O				1.99
300.333	0.00	0.01	1.933	O				1.99
300.417	0.00	0.01	1.933	O				1.99
300.500	0.00	0.01	1.933	O				1.99
300.583	0.00	0.01	1.933	O				1.99
300.667	0.00	0.01	1.933	O				1.99
300.750	0.00	0.01	1.933	O				1.99
300.833	0.00	0.01	1.933	O				1.99
300.917	0.00	0.01	1.932	O				1.99
301.000	0.00	0.01	1.932	O				1.99
301.083	0.00	0.01	1.932	O				1.99
301.167	0.00	0.01	1.932	O				1.99
301.250	0.00	0.01	1.932	O				1.99
301.333	0.00	0.01	1.932	O				1.99
301.417	0.00	0.01	1.932	O				1.99
301.500	0.00	0.01	1.932	O				1.99
301.583	0.00	0.01	1.932	O				1.99
301.667	0.00	0.01	1.932	O				1.99
301.750	0.00	0.01	1.932	O				1.99
301.833	0.00	0.01	1.932	O				1.99
301.917	0.00	0.01	1.932	O				1.99
302.000	0.00	0.01	1.932	O				1.99
302.083	0.00	0.01	1.932	O				1.99
302.167	0.00	0.01	1.931	O				1.99

302.250	0.00	0.01	1.931	O				1.99
302.333	0.00	0.01	1.931	O				1.99
302.417	0.00	0.01	1.931	O				1.99
302.500	0.00	0.01	1.931	O				1.99
302.583	0.00	0.01	1.931	O				1.99
302.667	0.00	0.01	1.931	O				1.99
302.750	0.00	0.01	1.931	O				1.99
302.833	0.00	0.01	1.931	O				1.99
302.917	0.00	0.01	1.931	O				1.99
303.000	0.00	0.01	1.931	O				1.99
303.083	0.00	0.01	1.931	O				1.99
303.167	0.00	0.01	1.931	O				1.99
303.250	0.00	0.01	1.931	O				1.99
303.333	0.00	0.01	1.931	O				1.99
303.417	0.00	0.01	1.930	O				1.99
303.500	0.00	0.01	1.930	O				1.99
303.583	0.00	0.01	1.930	O				1.99
303.667	0.00	0.01	1.930	O				1.99
303.750	0.00	0.01	1.930	O				1.99
303.833	0.00	0.01	1.930	O				1.99
303.917	0.00	0.01	1.930	O				1.99
304.000	0.00	0.01	1.930	O				1.99
304.083	0.00	0.01	1.930	O				1.99
304.167	0.00	0.01	1.930	O				1.99
304.250	0.00	0.01	1.930	O				1.99
304.333	0.00	0.01	1.930	O				1.99
304.417	0.00	0.01	1.930	O				1.99
304.500	0.00	0.01	1.930	O				1.99
304.583	0.00	0.01	1.930	O				1.99
304.667	0.00	0.01	1.929	O				1.99
304.750	0.00	0.01	1.929	O				1.99
304.833	0.00	0.01	1.929	O				1.99
304.917	0.00	0.01	1.929	O				1.99
305.000	0.00	0.01	1.929	O				1.99
305.083	0.00	0.01	1.929	O				1.99
305.167	0.00	0.01	1.929	O				1.99
305.250	0.00	0.01	1.929	O				1.99
305.333	0.00	0.01	1.929	O				1.99
305.417	0.00	0.01	1.929	O				1.99
305.500	0.00	0.01	1.929	O				1.99
305.583	0.00	0.01	1.929	O				1.99
305.667	0.00	0.01	1.929	O				1.99
305.750	0.00	0.01	1.929	O				1.99
305.833	0.00	0.01	1.928	O				1.99
305.917	0.00	0.01	1.928	O				1.99
306.000	0.00	0.01	1.928	O				1.99
306.083	0.00	0.01	1.928	O				1.99
306.167	0.00	0.01	1.928	O				1.99
306.250	0.00	0.01	1.928	O				1.99
306.333	0.00	0.01	1.928	O				1.99

306.417	0.00	0.01	1.928	O				1.99
306.500	0.00	0.01	1.928	O				1.99
306.583	0.00	0.01	1.928	O				1.99
306.667	0.00	0.01	1.928	O				1.99
306.750	0.00	0.01	1.928	O				1.99
306.833	0.00	0.01	1.928	O				1.99
306.917	0.00	0.01	1.928	O				1.99
307.000	0.00	0.01	1.928	O				1.99
307.083	0.00	0.01	1.927	O				1.99
307.167	0.00	0.01	1.927	O				1.99
307.250	0.00	0.01	1.927	O				1.99
307.333	0.00	0.01	1.927	O				1.99
307.417	0.00	0.01	1.927	O				1.99
307.500	0.00	0.01	1.927	O				1.99
307.583	0.00	0.01	1.927	O				1.99
307.667	0.00	0.01	1.927	O				1.99
307.750	0.00	0.01	1.927	O				1.99
307.833	0.00	0.01	1.927	O				1.99
307.917	0.00	0.01	1.927	O				1.99
308.000	0.00	0.01	1.927	O				1.99
308.083	0.00	0.01	1.927	O				1.99
308.167	0.00	0.01	1.927	O				1.99
308.250	0.00	0.01	1.927	O				1.99
308.333	0.00	0.01	1.926	O				1.99
308.417	0.00	0.01	1.926	O				1.99
308.500	0.00	0.01	1.926	O				1.99
308.583	0.00	0.01	1.926	O				1.99
308.667	0.00	0.01	1.926	O				1.99
308.750	0.00	0.01	1.926	O				1.99
308.833	0.00	0.01	1.926	O				1.99
308.917	0.00	0.01	1.926	O				1.99
309.000	0.00	0.01	1.926	O				1.99
309.083	0.00	0.01	1.926	O				1.99
309.167	0.00	0.01	1.926	O				1.99
309.250	0.00	0.01	1.926	O				1.99
309.333	0.00	0.01	1.926	O				1.99
309.417	0.00	0.01	1.926	O				1.99
309.500	0.00	0.01	1.926	O				1.99
309.583	0.00	0.01	1.925	O				1.99
309.667	0.00	0.01	1.925	O				1.99
309.750	0.00	0.01	1.925	O				1.99
309.833	0.00	0.01	1.925	O				1.98
309.917	0.00	0.01	1.925	O				1.98
310.000	0.00	0.01	1.925	O				1.98
310.083	0.00	0.01	1.925	O				1.98
310.167	0.00	0.01	1.925	O				1.98
310.250	0.00	0.01	1.925	O				1.98
310.333	0.00	0.01	1.925	O				1.98
310.417	0.00	0.01	1.925	O				1.98
310.500	0.00	0.01	1.925	O				1.98

310.583	0.00	0.01	1.925	O				1.98
310.667	0.00	0.01	1.925	O				1.98
310.750	0.00	0.01	1.925	O				1.98
310.833	0.00	0.01	1.924	O				1.98
310.917	0.00	0.01	1.924	O				1.98
311.000	0.00	0.01	1.924	O				1.98
311.083	0.00	0.01	1.924	O				1.98
311.167	0.00	0.01	1.924	O				1.98
311.250	0.00	0.01	1.924	O				1.98
311.333	0.00	0.01	1.924	O				1.98
311.417	0.00	0.01	1.924	O				1.98
311.500	0.00	0.01	1.924	O				1.98
311.583	0.00	0.01	1.924	O				1.98
311.667	0.00	0.01	1.924	O				1.98
311.750	0.00	0.01	1.924	O				1.98
311.833	0.00	0.01	1.924	O				1.98
311.917	0.00	0.01	1.924	O				1.98
312.000	0.00	0.01	1.924	O				1.98
312.083	0.00	0.01	1.923	O				1.98
312.167	0.00	0.01	1.923	O				1.98
312.250	0.00	0.01	1.923	O				1.98
312.333	0.00	0.01	1.923	O				1.98
312.417	0.00	0.01	1.923	O				1.98
312.500	0.00	0.01	1.923	O				1.98
312.583	0.00	0.01	1.923	O				1.98
312.667	0.00	0.01	1.923	O				1.98
312.750	0.00	0.01	1.923	O				1.98
312.833	0.00	0.01	1.923	O				1.98
312.917	0.00	0.01	1.923	O				1.98
313.000	0.00	0.01	1.923	O				1.98
313.083	0.00	0.01	1.923	O				1.98
313.167	0.00	0.01	1.923	O				1.98
313.250	0.00	0.01	1.923	O				1.98
313.333	0.00	0.01	1.922	O				1.98
313.417	0.00	0.01	1.922	O				1.98
313.500	0.00	0.01	1.922	O				1.98
313.583	0.00	0.01	1.922	O				1.98
313.667	0.00	0.01	1.922	O				1.98
313.750	0.00	0.01	1.922	O				1.98
313.833	0.00	0.01	1.922	O				1.98
313.917	0.00	0.01	1.922	O				1.98
314.000	0.00	0.01	1.922	O				1.98
314.083	0.00	0.01	1.922	O				1.98
314.167	0.00	0.01	1.922	O				1.98
314.250	0.00	0.01	1.922	O				1.98
314.333	0.00	0.01	1.922	O				1.98
314.417	0.00	0.01	1.922	O				1.98
314.500	0.00	0.01	1.922	O				1.98
314.583	0.00	0.01	1.921	O				1.98
314.667	0.00	0.01	1.921	O				1.98

314.750	0.00	0.01	1.921	O				1.98
314.833	0.00	0.01	1.921	O				1.98
314.917	0.00	0.01	1.921	O				1.98
315.000	0.00	0.01	1.921	O				1.98
315.083	0.00	0.01	1.921	O				1.98
315.167	0.00	0.01	1.921	O				1.98
315.250	0.00	0.01	1.921	O				1.98
315.333	0.00	0.01	1.921	O				1.98
315.417	0.00	0.01	1.921	O				1.98
315.500	0.00	0.01	1.921	O				1.98
315.583	0.00	0.01	1.921	O				1.98
315.667	0.00	0.01	1.921	O				1.98
315.750	0.00	0.01	1.921	O				1.98
315.833	0.00	0.01	1.920	O				1.98
315.917	0.00	0.01	1.920	O				1.98
316.000	0.00	0.01	1.920	O				1.98
316.083	0.00	0.01	1.920	O				1.98
316.167	0.00	0.01	1.920	O				1.98
316.250	0.00	0.01	1.920	O				1.98
316.333	0.00	0.01	1.920	O				1.98
316.417	0.00	0.01	1.920	O				1.98
316.500	0.00	0.01	1.920	O				1.98
316.583	0.00	0.01	1.920	O				1.98
316.667	0.00	0.01	1.920	O				1.98
316.750	0.00	0.01	1.920	O				1.98
316.833	0.00	0.01	1.920	O				1.98
316.917	0.00	0.01	1.920	O				1.98
317.000	0.00	0.01	1.920	O				1.98
317.083	0.00	0.01	1.919	O				1.98
317.167	0.00	0.01	1.919	O				1.98
317.250	0.00	0.01	1.919	O				1.98
317.333	0.00	0.01	1.919	O				1.98
317.417	0.00	0.01	1.919	O				1.98
317.500	0.00	0.01	1.919	O				1.98
317.583	0.00	0.01	1.919	O				1.98
317.667	0.00	0.01	1.919	O				1.98
317.750	0.00	0.01	1.919	O				1.98
317.833	0.00	0.01	1.919	O				1.98
317.917	0.00	0.01	1.919	O				1.98
318.000	0.00	0.01	1.919	O				1.98
318.083	0.00	0.01	1.919	O				1.98
318.167	0.00	0.01	1.919	O				1.98
318.250	0.00	0.01	1.919	O				1.98
318.333	0.00	0.01	1.918	O				1.98
318.417	0.00	0.01	1.918	O				1.98
318.500	0.00	0.01	1.918	O				1.98
318.583	0.00	0.01	1.918	O				1.98
318.667	0.00	0.01	1.918	O				1.98
318.750	0.00	0.01	1.918	O				1.98
318.833	0.00	0.01	1.918	O				1.98

318.917	0.00	0.01	1.918	O				1.98
319.000	0.00	0.01	1.918	O				1.98
319.083	0.00	0.01	1.918	O				1.98
319.167	0.00	0.01	1.918	O				1.98
319.250	0.00	0.01	1.918	O				1.98
319.333	0.00	0.01	1.918	O				1.98
319.417	0.00	0.01	1.918	O				1.98
319.500	0.00	0.01	1.918	O				1.98
319.583	0.00	0.01	1.917	O				1.98
319.667	0.00	0.01	1.917	O				1.98
319.750	0.00	0.01	1.917	O				1.98
319.833	0.00	0.01	1.917	O				1.98
319.917	0.00	0.01	1.917	O				1.98
320.000	0.00	0.01	1.917	O				1.98
320.083	0.00	0.01	1.917	O				1.98
320.167	0.00	0.01	1.917	O				1.98
320.250	0.00	0.01	1.917	O				1.98
320.333	0.00	0.01	1.917	O				1.98
320.417	0.00	0.01	1.917	O				1.98
320.500	0.00	0.01	1.917	O				1.98
320.583	0.00	0.01	1.917	O				1.98
320.667	0.00	0.01	1.917	O				1.98
320.750	0.00	0.01	1.917	O				1.98
320.833	0.00	0.01	1.917	O				1.98
320.917	0.00	0.01	1.916	O				1.98
321.000	0.00	0.01	1.916	O				1.98
321.083	0.00	0.01	1.916	O				1.98
321.167	0.00	0.01	1.916	O				1.98
321.250	0.00	0.01	1.916	O				1.98
321.333	0.00	0.01	1.916	O				1.98
321.417	0.00	0.01	1.916	O				1.98
321.500	0.00	0.01	1.916	O				1.98
321.583	0.00	0.01	1.916	O				1.98
321.667	0.00	0.01	1.916	O				1.98
321.750	0.00	0.01	1.916	O				1.98
321.833	0.00	0.01	1.916	O				1.98
321.917	0.00	0.01	1.916	O				1.98
322.000	0.00	0.01	1.916	O				1.98
322.083	0.00	0.01	1.916	O				1.98
322.167	0.00	0.01	1.915	O				1.97
322.250	0.00	0.01	1.915	O				1.97
322.333	0.00	0.01	1.915	O				1.97
322.417	0.00	0.01	1.915	O				1.97
322.500	0.00	0.01	1.915	O				1.97
322.583	0.00	0.01	1.915	O				1.97
322.667	0.00	0.01	1.915	O				1.97
322.750	0.00	0.01	1.915	O				1.97
322.833	0.00	0.01	1.915	O				1.97
322.917	0.00	0.01	1.915	O				1.97
323.000	0.00	0.01	1.915	O				1.97

323.083	0.00	0.01	1.915	O				1.97
323.167	0.00	0.01	1.915	O				1.97
323.250	0.00	0.01	1.915	O				1.97
323.333	0.00	0.01	1.915	O				1.97
323.417	0.00	0.01	1.914	O				1.97
323.500	0.00	0.01	1.914	O				1.97
323.583	0.00	0.01	1.914	O				1.97
323.667	0.00	0.01	1.914	O				1.97
323.750	0.00	0.01	1.914	O				1.97
323.833	0.00	0.01	1.914	O				1.97
323.917	0.00	0.01	1.914	O				1.97
324.000	0.00	0.01	1.914	O				1.97
324.083	0.00	0.01	1.914	O				1.97
324.167	0.00	0.01	1.914	O				1.97
324.250	0.00	0.01	1.914	O				1.97
324.333	0.00	0.01	1.914	O				1.97
324.417	0.00	0.01	1.914	O				1.97
324.500	0.00	0.01	1.914	O				1.97
324.583	0.00	0.01	1.914	O				1.97
324.667	0.00	0.01	1.913	O				1.97
324.750	0.00	0.01	1.913	O				1.97
324.833	0.00	0.01	1.913	O				1.97
324.917	0.00	0.01	1.913	O				1.97
325.000	0.00	0.01	1.913	O				1.97
325.083	0.00	0.01	1.913	O				1.97
325.167	0.00	0.01	1.913	O				1.97
325.250	0.00	0.01	1.913	O				1.97
325.333	0.00	0.01	1.913	O				1.97
325.417	0.00	0.01	1.913	O				1.97
325.500	0.00	0.01	1.913	O				1.97
325.583	0.00	0.01	1.913	O				1.97
325.667	0.00	0.01	1.913	O				1.97
325.750	0.00	0.01	1.913	O				1.97
325.833	0.00	0.01	1.913	O				1.97
325.917	0.00	0.01	1.912	O				1.97
326.000	0.00	0.01	1.912	O				1.97
326.083	0.00	0.01	1.912	O				1.97
326.167	0.00	0.01	1.912	O				1.97
326.250	0.00	0.01	1.912	O				1.97
326.333	0.00	0.01	1.912	O				1.97
326.417	0.00	0.01	1.912	O				1.97
326.500	0.00	0.01	1.912	O				1.97
326.583	0.00	0.01	1.912	O				1.97
326.667	0.00	0.01	1.912	O				1.97
326.750	0.00	0.01	1.912	O				1.97
326.833	0.00	0.01	1.912	O				1.97
326.917	0.00	0.01	1.912	O				1.97
327.000	0.00	0.01	1.912	O				1.97
327.083	0.00	0.01	1.912	O				1.97
327.167	0.00	0.01	1.912	O				1.97

327.250	0.00	0.01	1.911	O				1.97
327.333	0.00	0.01	1.911	O				1.97
327.417	0.00	0.01	1.911	O				1.97
327.500	0.00	0.01	1.911	O				1.97
327.583	0.00	0.01	1.911	O				1.97
327.667	0.00	0.01	1.911	O				1.97
327.750	0.00	0.01	1.911	O				1.97
327.833	0.00	0.01	1.911	O				1.97
327.917	0.00	0.01	1.911	O				1.97
328.000	0.00	0.01	1.911	O				1.97
328.083	0.00	0.01	1.911	O				1.97
328.167	0.00	0.01	1.911	O				1.97
328.250	0.00	0.01	1.911	O				1.97
328.333	0.00	0.01	1.911	O				1.97
328.417	0.00	0.01	1.911	O				1.97
328.500	0.00	0.01	1.910	O				1.97
328.583	0.00	0.01	1.910	O				1.97
328.667	0.00	0.01	1.910	O				1.97
328.750	0.00	0.01	1.910	O				1.97
328.833	0.00	0.01	1.910	O				1.97
328.917	0.00	0.01	1.910	O				1.97
329.000	0.00	0.01	1.910	O				1.97
329.083	0.00	0.01	1.910	O				1.97
329.167	0.00	0.01	1.910	O				1.97
329.250	0.00	0.01	1.910	O				1.97
329.333	0.00	0.01	1.910	O				1.97
329.417	0.00	0.01	1.910	O				1.97
329.500	0.00	0.01	1.910	O				1.97
329.583	0.00	0.01	1.910	O				1.97
329.667	0.00	0.01	1.910	O				1.97
329.750	0.00	0.01	1.909	O				1.97
329.833	0.00	0.01	1.909	O				1.97
329.917	0.00	0.01	1.909	O				1.97
330.000	0.00	0.01	1.909	O				1.97
330.083	0.00	0.01	1.909	O				1.97
330.167	0.00	0.01	1.909	O				1.97
330.250	0.00	0.01	1.909	O				1.97
330.333	0.00	0.01	1.909	O				1.97
330.417	0.00	0.01	1.909	O				1.97
330.500	0.00	0.01	1.909	O				1.97
330.583	0.00	0.01	1.909	O				1.97
330.667	0.00	0.01	1.909	O				1.97
330.750	0.00	0.01	1.909	O				1.97
330.833	0.00	0.01	1.909	O				1.97
330.917	0.00	0.01	1.909	O				1.97
331.000	0.00	0.01	1.909	O				1.97
331.083	0.00	0.01	1.908	O				1.97
331.167	0.00	0.01	1.908	O				1.97
331.250	0.00	0.01	1.908	O				1.97
331.333	0.00	0.01	1.908	O				1.97

331.417	0.00	0.01	1.908	O				1.97
331.500	0.00	0.01	1.908	O				1.97
331.583	0.00	0.01	1.908	O				1.97
331.667	0.00	0.01	1.908	O				1.97
331.750	0.00	0.01	1.908	O				1.97
331.833	0.00	0.01	1.908	O				1.97
331.917	0.00	0.01	1.908	O				1.97
332.000	0.00	0.01	1.908	O				1.97
332.083	0.00	0.01	1.908	O				1.97
332.167	0.00	0.01	1.908	O				1.97
332.250	0.00	0.01	1.908	O				1.97
332.333	0.00	0.01	1.907	O				1.97
332.417	0.00	0.01	1.907	O				1.97
332.500	0.00	0.01	1.907	O				1.97
332.583	0.00	0.01	1.907	O				1.97
332.667	0.00	0.01	1.907	O				1.97
332.750	0.00	0.01	1.907	O				1.97
332.833	0.00	0.01	1.907	O				1.97
332.917	0.00	0.01	1.907	O				1.97
333.000	0.00	0.01	1.907	O				1.97
333.083	0.00	0.01	1.907	O				1.97
333.167	0.00	0.01	1.907	O				1.97
333.250	0.00	0.01	1.907	O				1.97
333.333	0.00	0.01	1.907	O				1.97
333.417	0.00	0.01	1.907	O				1.97
333.500	0.00	0.01	1.907	O				1.97
333.583	0.00	0.01	1.907	O				1.97
333.667	0.00	0.01	1.906	O				1.97
333.750	0.00	0.01	1.906	O				1.97
333.833	0.00	0.01	1.906	O				1.97
333.917	0.00	0.01	1.906	O				1.97
334.000	0.00	0.01	1.906	O				1.97
334.083	0.00	0.01	1.906	O				1.97
334.167	0.00	0.01	1.906	O				1.97
334.250	0.00	0.01	1.906	O				1.97
334.333	0.00	0.01	1.906	O				1.97
334.417	0.00	0.01	1.906	O				1.97
334.500	0.00	0.01	1.906	O				1.97
334.583	0.00	0.01	1.906	O				1.97
334.667	0.00	0.01	1.906	O				1.96
334.750	0.00	0.01	1.906	O				1.96
334.833	0.00	0.01	1.906	O				1.96
334.917	0.00	0.01	1.905	O				1.96
335.000	0.00	0.01	1.905	O				1.96
335.083	0.00	0.01	1.905	O				1.96
335.167	0.00	0.01	1.905	O				1.96
335.250	0.00	0.01	1.905	O				1.96
335.333	0.00	0.01	1.905	O				1.96
335.417	0.00	0.01	1.905	O				1.96
335.500	0.00	0.01	1.905	O				1.96

335.583	0.00	0.01	1.905	O				1.96
335.667	0.00	0.01	1.905	O				1.96
335.750	0.00	0.01	1.905	O				1.96
335.833	0.00	0.01	1.905	O				1.96
335.917	0.00	0.01	1.905	O				1.96
336.000	0.00	0.01	1.905	O				1.96
336.083	0.00	0.01	1.905	O				1.96
336.167	0.00	0.01	1.905	O				1.96
336.250	0.00	0.01	1.904	O				1.96
336.333	0.00	0.01	1.904	O				1.96
336.417	0.00	0.01	1.904	O				1.96
336.500	0.00	0.01	1.904	O				1.96
336.583	0.00	0.01	1.904	O				1.96
336.667	0.00	0.01	1.904	O				1.96
336.750	0.00	0.01	1.904	O				1.96
336.833	0.00	0.01	1.904	O				1.96
336.917	0.00	0.01	1.904	O				1.96
337.000	0.00	0.01	1.904	O				1.96
337.083	0.00	0.01	1.904	O				1.96
337.167	0.00	0.01	1.904	O				1.96
337.250	0.00	0.01	1.904	O				1.96
337.333	0.00	0.01	1.904	O				1.96
337.417	0.00	0.01	1.904	O				1.96
337.500	0.00	0.01	1.903	O				1.96
337.583	0.00	0.01	1.903	O				1.96
337.667	0.00	0.01	1.903	O				1.96
337.750	0.00	0.01	1.903	O				1.96
337.833	0.00	0.01	1.903	O				1.96
337.917	0.00	0.01	1.903	O				1.96
338.000	0.00	0.01	1.903	O				1.96
338.083	0.00	0.01	1.903	O				1.96
338.167	0.00	0.01	1.903	O				1.96
338.250	0.00	0.01	1.903	O				1.96
338.333	0.00	0.01	1.903	O				1.96
338.417	0.00	0.01	1.903	O				1.96
338.500	0.00	0.01	1.903	O				1.96
338.583	0.00	0.01	1.903	O				1.96
338.667	0.00	0.01	1.903	O				1.96
338.750	0.00	0.01	1.903	O				1.96
338.833	0.00	0.01	1.902	O				1.96
338.917	0.00	0.01	1.902	O				1.96
339.000	0.00	0.01	1.902	O				1.96
339.083	0.00	0.01	1.902	O				1.96
339.167	0.00	0.01	1.902	O				1.96
339.250	0.00	0.01	1.902	O				1.96
339.333	0.00	0.01	1.902	O				1.96
339.417	0.00	0.01	1.902	O				1.96
339.500	0.00	0.01	1.902	O				1.96
339.583	0.00	0.01	1.902	O				1.96
339.667	0.00	0.01	1.902	O				1.96

339.750	0.00	0.01	1.902	O				1.96
339.833	0.00	0.01	1.902	O				1.96
339.917	0.00	0.01	1.902	O				1.96
340.000	0.00	0.01	1.902	O				1.96
340.083	0.00	0.01	1.901	O				1.96
340.167	0.00	0.01	1.901	O				1.96
340.250	0.00	0.01	1.901	O				1.96
340.333	0.00	0.01	1.901	O				1.96
340.417	0.00	0.01	1.901	O				1.96
340.500	0.00	0.01	1.901	O				1.96
340.583	0.00	0.01	1.901	O				1.96
340.667	0.00	0.01	1.901	O				1.96
340.750	0.00	0.01	1.901	O				1.96
340.833	0.00	0.01	1.901	O				1.96
340.917	0.00	0.01	1.901	O				1.96
341.000	0.00	0.01	1.901	O				1.96
341.083	0.00	0.01	1.901	O				1.96
341.167	0.00	0.01	1.901	O				1.96
341.250	0.00	0.01	1.901	O				1.96
341.333	0.00	0.01	1.901	O				1.96
341.417	0.00	0.01	1.900	O				1.96
341.500	0.00	0.01	1.900	O				1.96
341.583	0.00	0.01	1.900	O				1.96
341.667	0.00	0.01	1.900	O				1.96
341.750	0.00	0.01	1.900	O				1.96
341.833	0.00	0.01	1.900	O				1.96
341.917	0.00	0.01	1.900	O				1.96
342.000	0.00	0.01	1.900	O				1.96
342.083	0.00	0.01	1.900	O				1.96
342.167	0.00	0.01	1.900	O				1.96
342.250	0.00	0.01	1.900	O				1.96
342.333	0.00	0.01	1.900	O				1.96
342.417	0.00	0.01	1.900	O				1.96
342.500	0.00	0.01	1.900	O				1.96
342.583	0.00	0.01	1.900	O				1.96
342.667	0.00	0.01	1.900	O				1.96
342.750	0.00	0.01	1.899	O				1.96
342.833	0.00	0.01	1.899	O				1.96
342.917	0.00	0.01	1.899	O				1.96
343.000	0.00	0.01	1.899	O				1.96
343.083	0.00	0.01	1.899	O				1.96
343.167	0.00	0.01	1.899	O				1.96
343.250	0.00	0.01	1.899	O				1.96
343.333	0.00	0.01	1.899	O				1.96
343.417	0.00	0.01	1.899	O				1.96
343.500	0.00	0.01	1.899	O				1.96
343.583	0.00	0.01	1.899	O				1.96
343.667	0.00	0.01	1.899	O				1.96
343.750	0.00	0.01	1.899	O				1.96
343.833	0.00	0.01	1.899	O				1.96

343.917	0.00	0.01	1.899	O				1.96
344.000	0.00	0.01	1.899	O				1.96
344.083	0.00	0.01	1.898	O				1.96
344.167	0.00	0.01	1.898	O				1.96
344.250	0.00	0.01	1.898	O				1.96
344.333	0.00	0.01	1.898	O				1.96
344.417	0.00	0.01	1.898	O				1.96
344.500	0.00	0.01	1.898	O				1.96
344.583	0.00	0.01	1.898	O				1.96
344.667	0.00	0.01	1.898	O				1.96
344.750	0.00	0.01	1.898	O				1.96
344.833	0.00	0.01	1.898	O				1.96
344.917	0.00	0.01	1.898	O				1.96
345.000	0.00	0.01	1.898	O				1.96
345.083	0.00	0.01	1.898	O				1.96
345.167	0.00	0.01	1.898	O				1.96
345.250	0.00	0.01	1.898	O				1.96
345.333	0.00	0.01	1.897	O				1.96
345.417	0.00	0.01	1.897	O				1.96
345.500	0.00	0.01	1.897	O				1.96
345.583	0.00	0.01	1.897	O				1.96
345.667	0.00	0.01	1.897	O				1.96
345.750	0.00	0.01	1.897	O				1.96
345.833	0.00	0.01	1.897	O				1.96
345.917	0.00	0.01	1.897	O				1.96
346.000	0.00	0.01	1.897	O				1.96
346.083	0.00	0.01	1.897	O				1.96
346.167	0.00	0.01	1.897	O				1.96
346.250	0.00	0.01	1.897	O				1.96
346.333	0.00	0.01	1.897	O				1.96
346.417	0.00	0.01	1.897	O				1.96
346.500	0.00	0.01	1.897	O				1.96
346.583	0.00	0.01	1.897	O				1.96
346.667	0.00	0.01	1.896	O				1.96
346.750	0.00	0.01	1.896	O				1.96
346.833	0.00	0.01	1.896	O				1.96
346.917	0.00	0.01	1.896	O				1.96
347.000	0.00	0.01	1.896	O				1.96
347.083	0.00	0.01	1.896	O				1.96
347.167	0.00	0.01	1.896	O				1.96
347.250	0.00	0.01	1.896	O				1.96
347.333	0.00	0.01	1.896	O				1.96
347.417	0.00	0.01	1.896	O				1.95
347.500	0.00	0.01	1.896	O				1.95
347.583	0.00	0.01	1.896	O				1.95
347.667	0.00	0.01	1.896	O				1.95
347.750	0.00	0.01	1.896	O				1.95
347.833	0.00	0.01	1.896	O				1.95
347.917	0.00	0.01	1.896	O				1.95
348.000	0.00	0.01	1.895	O				1.95

348.083	0.00	0.01	1.895	O				1.95
348.167	0.00	0.01	1.895	O				1.95
348.250	0.00	0.01	1.895	O				1.95
348.333	0.00	0.01	1.895	O				1.95
348.417	0.00	0.01	1.895	O				1.95
348.500	0.00	0.01	1.895	O				1.95
348.583	0.00	0.01	1.895	O				1.95
348.667	0.00	0.01	1.895	O				1.95
348.750	0.00	0.01	1.895	O				1.95
348.833	0.00	0.01	1.895	O				1.95
348.917	0.00	0.01	1.895	O				1.95
349.000	0.00	0.01	1.895	O				1.95
349.083	0.00	0.01	1.895	O				1.95
349.167	0.00	0.01	1.895	O				1.95
349.250	0.00	0.01	1.895	O				1.95
349.333	0.00	0.01	1.894	O				1.95
349.417	0.00	0.01	1.894	O				1.95
349.500	0.00	0.01	1.894	O				1.95
349.583	0.00	0.01	1.894	O				1.95
349.667	0.00	0.01	1.894	O				1.95
349.750	0.00	0.01	1.894	O				1.95
349.833	0.00	0.01	1.894	O				1.95
349.917	0.00	0.01	1.894	O				1.95
350.000	0.00	0.01	1.894	O				1.95
350.083	0.00	0.01	1.894	O				1.95
350.167	0.00	0.01	1.894	O				1.95
350.250	0.00	0.01	1.894	O				1.95
350.333	0.00	0.01	1.894	O				1.95
350.417	0.00	0.01	1.894	O				1.95
350.500	0.00	0.01	1.894	O				1.95
350.583	0.00	0.01	1.893	O				1.95
350.667	0.00	0.01	1.893	O				1.95
350.750	0.00	0.01	1.893	O				1.95
350.833	0.00	0.01	1.893	O				1.95
350.917	0.00	0.01	1.893	O				1.95
351.000	0.00	0.01	1.893	O				1.95
351.083	0.00	0.01	1.893	O				1.95
351.167	0.00	0.01	1.893	O				1.95
351.250	0.00	0.01	1.893	O				1.95
351.333	0.00	0.01	1.893	O				1.95
351.417	0.00	0.01	1.893	O				1.95
351.500	0.00	0.01	1.893	O				1.95
351.583	0.00	0.01	1.893	O				1.95
351.667	0.00	0.01	1.893	O				1.95
351.750	0.00	0.01	1.893	O				1.95
351.833	0.00	0.01	1.893	O				1.95
351.917	0.00	0.01	1.892	O				1.95
352.000	0.00	0.01	1.892	O				1.95
352.083	0.00	0.01	1.892	O				1.95
352.167	0.00	0.01	1.892	O				1.95

352.250	0.00	0.01	1.892	O				1.95
352.333	0.00	0.01	1.892	O				1.95
352.417	0.00	0.01	1.892	O				1.95
352.500	0.00	0.01	1.892	O				1.95
352.583	0.00	0.01	1.892	O				1.95
352.667	0.00	0.01	1.892	O				1.95
352.750	0.00	0.01	1.892	O				1.95
352.833	0.00	0.01	1.892	O				1.95
352.917	0.00	0.01	1.892	O				1.95
353.000	0.00	0.01	1.892	O				1.95
353.083	0.00	0.01	1.892	O				1.95
353.167	0.00	0.01	1.892	O				1.95
353.250	0.00	0.01	1.891	O				1.95
353.333	0.00	0.01	1.891	O				1.95
353.417	0.00	0.01	1.891	O				1.95
353.500	0.00	0.01	1.891	O				1.95
353.583	0.00	0.01	1.891	O				1.95
353.667	0.00	0.01	1.891	O				1.95
353.750	0.00	0.01	1.891	O				1.95
353.833	0.00	0.01	1.891	O				1.95
353.917	0.00	0.01	1.891	O				1.95
354.000	0.00	0.01	1.891	O				1.95
354.083	0.00	0.01	1.891	O				1.95
354.167	0.00	0.01	1.891	O				1.95
354.250	0.00	0.01	1.891	O				1.95
354.333	0.00	0.01	1.891	O				1.95
354.417	0.00	0.01	1.891	O				1.95
354.500	0.00	0.01	1.891	O				1.95
354.583	0.00	0.01	1.890	O				1.95
354.667	0.00	0.01	1.890	O				1.95
354.750	0.00	0.01	1.890	O				1.95
354.833	0.00	0.01	1.890	O				1.95
354.917	0.00	0.01	1.890	O				1.95
355.000	0.00	0.01	1.890	O				1.95
355.083	0.00	0.01	1.890	O				1.95
355.167	0.00	0.01	1.890	O				1.95
355.250	0.00	0.01	1.890	O				1.95
355.333	0.00	0.01	1.890	O				1.95
355.417	0.00	0.01	1.890	O				1.95
355.500	0.00	0.01	1.890	O				1.95
355.583	0.00	0.01	1.890	O				1.95
355.667	0.00	0.01	1.890	O				1.95
355.750	0.00	0.01	1.890	O				1.95
355.833	0.00	0.01	1.890	O				1.95
355.917	0.00	0.01	1.889	O				1.95
356.000	0.00	0.01	1.889	O				1.95
356.083	0.00	0.01	1.889	O				1.95
356.167	0.00	0.01	1.889	O				1.95
356.250	0.00	0.01	1.889	O				1.95
356.333	0.00	0.01	1.889	O				1.95

356.417	0.00	0.01	1.889	O				1.95
356.500	0.00	0.01	1.889	O				1.95
356.583	0.00	0.01	1.889	O				1.95
356.667	0.00	0.01	1.889	O				1.95
356.750	0.00	0.01	1.889	O				1.95
356.833	0.00	0.01	1.889	O				1.95
356.917	0.00	0.01	1.889	O				1.95
357.000	0.00	0.01	1.889	O				1.95
357.083	0.00	0.01	1.889	O				1.95
357.167	0.00	0.01	1.889	O				1.95
357.250	0.00	0.01	1.888	O				1.95
357.333	0.00	0.01	1.888	O				1.95
357.417	0.00	0.01	1.888	O				1.95
357.500	0.00	0.01	1.888	O				1.95
357.583	0.00	0.01	1.888	O				1.95
357.667	0.00	0.01	1.888	O				1.95
357.750	0.00	0.01	1.888	O				1.95
357.833	0.00	0.01	1.888	O				1.95
357.917	0.00	0.01	1.888	O				1.95
358.000	0.00	0.01	1.888	O				1.95
358.083	0.00	0.01	1.888	O				1.95
358.167	0.00	0.01	1.888	O				1.95
358.250	0.00	0.01	1.888	O				1.95
358.333	0.00	0.01	1.888	O				1.95
358.417	0.00	0.01	1.888	O				1.95
358.500	0.00	0.01	1.888	O				1.95
358.583	0.00	0.01	1.887	O				1.95
358.667	0.00	0.01	1.887	O				1.95
358.750	0.00	0.01	1.887	O				1.95
358.833	0.00	0.01	1.887	O				1.95
358.917	0.00	0.01	1.887	O				1.95
359.000	0.00	0.01	1.887	O				1.95
359.083	0.00	0.01	1.887	O				1.95
359.167	0.00	0.01	1.887	O				1.95
359.250	0.00	0.01	1.887	O				1.95
359.333	0.00	0.01	1.887	O				1.95
359.417	0.00	0.01	1.887	O				1.95
359.500	0.00	0.01	1.887	O				1.95
359.583	0.00	0.01	1.887	O				1.95
359.667	0.00	0.01	1.887	O				1.95
359.750	0.00	0.01	1.887	O				1.95
359.833	0.00	0.01	1.887	O				1.95
359.917	0.00	0.01	1.886	O				1.95
360.000	0.00	0.01	1.886	O				1.95
360.083	0.00	0.01	1.886	O				1.95
360.167	0.00	0.01	1.886	O				1.95
360.250	0.00	0.01	1.886	O				1.95
360.333	0.00	0.01	1.886	O				1.95
360.417	0.00	0.01	1.886	O				1.95
360.500	0.00	0.01	1.886	O				1.94

360.583	0.00	0.01	1.886	O				1.94
360.667	0.00	0.01	1.886	O				1.94
360.750	0.00	0.01	1.886	O				1.94
360.833	0.00	0.01	1.886	O				1.94
360.917	0.00	0.01	1.886	O				1.94
361.000	0.00	0.01	1.886	O				1.94
361.083	0.00	0.01	1.886	O				1.94
361.167	0.00	0.01	1.886	O				1.94
361.250	0.00	0.01	1.886	O				1.94
361.333	0.00	0.01	1.885	O				1.94
361.417	0.00	0.01	1.885	O				1.94
361.500	0.00	0.01	1.885	O				1.94
361.583	0.00	0.01	1.885	O				1.94
361.667	0.00	0.01	1.885	O				1.94
361.750	0.00	0.01	1.885	O				1.94
361.833	0.00	0.01	1.885	O				1.94
361.917	0.00	0.01	1.885	O				1.94
362.000	0.00	0.01	1.885	O				1.94
362.083	0.00	0.01	1.885	O				1.94
362.167	0.00	0.01	1.885	O				1.94
362.250	0.00	0.01	1.885	O				1.94
362.333	0.00	0.01	1.885	O				1.94
362.417	0.00	0.01	1.885	O				1.94
362.500	0.00	0.01	1.885	O				1.94
362.583	0.00	0.01	1.885	O				1.94
362.667	0.00	0.01	1.884	O				1.94
362.750	0.00	0.01	1.884	O				1.94
362.833	0.00	0.01	1.884	O				1.94
362.917	0.00	0.01	1.884	O				1.94
363.000	0.00	0.01	1.884	O				1.94
363.083	0.00	0.01	1.884	O				1.94
363.167	0.00	0.01	1.884	O				1.94
363.250	0.00	0.01	1.884	O				1.94
363.333	0.00	0.01	1.884	O				1.94
363.417	0.00	0.01	1.884	O				1.94
363.500	0.00	0.01	1.884	O				1.94
363.583	0.00	0.01	1.884	O				1.94
363.667	0.00	0.01	1.884	O				1.94
363.750	0.00	0.01	1.884	O				1.94
363.833	0.00	0.01	1.884	O				1.94
363.917	0.00	0.01	1.884	O				1.94
364.000	0.00	0.01	1.883	O				1.94
364.083	0.00	0.01	1.883	O				1.94
364.167	0.00	0.01	1.883	O				1.94
364.250	0.00	0.01	1.883	O				1.94
364.333	0.00	0.01	1.883	O				1.94
364.417	0.00	0.01	1.883	O				1.94
364.500	0.00	0.01	1.883	O				1.94
364.583	0.00	0.01	1.883	O				1.94
364.667	0.00	0.01	1.883	O				1.94

364.750	0.00	0.01	1.883	O				1.94
364.833	0.00	0.01	1.883	O				1.94
364.917	0.00	0.01	1.883	O				1.94
365.000	0.00	0.01	1.883	O				1.94
365.083	0.00	0.01	1.883	O				1.94
365.167	0.00	0.01	1.883	O				1.94
365.250	0.00	0.01	1.883	O				1.94
365.333	0.00	0.01	1.882	O				1.94
365.417	0.00	0.01	1.882	O				1.94
365.500	0.00	0.01	1.882	O				1.94
365.583	0.00	0.01	1.882	O				1.94
365.667	0.00	0.01	1.882	O				1.94
365.750	0.00	0.01	1.882	O				1.94
365.833	0.00	0.01	1.882	O				1.94
365.917	0.00	0.01	1.882	O				1.94
366.000	0.00	0.01	1.882	O				1.94
366.083	0.00	0.01	1.882	O				1.94
366.167	0.00	0.01	1.882	O				1.94
366.250	0.00	0.01	1.882	O				1.94
366.333	0.00	0.01	1.882	O				1.94
366.417	0.00	0.01	1.882	O				1.94
366.500	0.00	0.01	1.882	O				1.94
366.583	0.00	0.01	1.882	O				1.94
366.667	0.00	0.01	1.881	O				1.94
366.750	0.00	0.01	1.881	O				1.94
366.833	0.00	0.01	1.881	O				1.94
366.917	0.00	0.01	1.881	O				1.94
367.000	0.00	0.01	1.881	O				1.94
367.083	0.00	0.01	1.881	O				1.94
367.167	0.00	0.01	1.881	O				1.94
367.250	0.00	0.01	1.881	O				1.94
367.333	0.00	0.01	1.881	O				1.94
367.417	0.00	0.01	1.881	O				1.94
367.500	0.00	0.01	1.881	O				1.94
367.583	0.00	0.01	1.881	O				1.94
367.667	0.00	0.01	1.881	O				1.94
367.750	0.00	0.01	1.881	O				1.94
367.833	0.00	0.01	1.881	O				1.94
367.917	0.00	0.01	1.881	O				1.94
368.000	0.00	0.01	1.881	O				1.94
368.083	0.00	0.01	1.880	O				1.94
368.167	0.00	0.01	1.880	O				1.94
368.250	0.00	0.01	1.880	O				1.94
368.333	0.00	0.01	1.880	O				1.94
368.417	0.00	0.01	1.880	O				1.94
368.500	0.00	0.01	1.880	O				1.94
368.583	0.00	0.01	1.880	O				1.94
368.667	0.00	0.01	1.880	O				1.94
368.750	0.00	0.01	1.880	O				1.94
368.833	0.00	0.01	1.880	O				1.94

368.917	0.00	0.01	1.880	O				1.94
369.000	0.00	0.01	1.880	O				1.94
369.083	0.00	0.01	1.880	O				1.94
369.167	0.00	0.01	1.880	O				1.94
369.250	0.00	0.01	1.880	O				1.94
369.333	0.00	0.01	1.880	O				1.94
369.417	0.00	0.01	1.879	O				1.94
369.500	0.00	0.01	1.879	O				1.94
369.583	0.00	0.01	1.879	O				1.94
369.667	0.00	0.01	1.879	O				1.94
369.750	0.00	0.01	1.879	O				1.94
369.833	0.00	0.01	1.879	O				1.94
369.917	0.00	0.01	1.879	O				1.94
370.000	0.00	0.01	1.879	O				1.94
370.083	0.00	0.01	1.879	O				1.94
370.167	0.00	0.01	1.879	O				1.94
370.250	0.00	0.01	1.879	O				1.94
370.333	0.00	0.01	1.879	O				1.94
370.417	0.00	0.01	1.879	O				1.94
370.500	0.00	0.01	1.879	O				1.94
370.583	0.00	0.01	1.879	O				1.94
370.667	0.00	0.01	1.879	O				1.94
370.750	0.00	0.01	1.878	O				1.94
370.833	0.00	0.01	1.878	O				1.94
370.917	0.00	0.01	1.878	O				1.94
371.000	0.00	0.01	1.878	O				1.94
371.083	0.00	0.01	1.878	O				1.94
371.167	0.00	0.01	1.878	O				1.94
371.250	0.00	0.01	1.878	O				1.94
371.333	0.00	0.01	1.878	O				1.94
371.417	0.00	0.01	1.878	O				1.94
371.500	0.00	0.01	1.878	O				1.94
371.583	0.00	0.01	1.878	O				1.94
371.667	0.00	0.01	1.878	O				1.94
371.750	0.00	0.01	1.878	O				1.94
371.833	0.00	0.01	1.878	O				1.94
371.917	0.00	0.01	1.878	O				1.94
372.000	0.00	0.01	1.878	O				1.94
372.083	0.00	0.01	1.878	O				1.94
372.167	0.00	0.01	1.877	O				1.94
372.250	0.00	0.01	1.877	O				1.94
372.333	0.00	0.01	1.877	O				1.94
372.417	0.00	0.01	1.877	O				1.94
372.500	0.00	0.01	1.877	O				1.94
372.583	0.00	0.01	1.877	O				1.94
372.667	0.00	0.01	1.877	O				1.94
372.750	0.00	0.01	1.877	O				1.94
372.833	0.00	0.01	1.877	O				1.94
372.917	0.00	0.01	1.877	O				1.94
373.000	0.00	0.01	1.877	O				1.94

373.083	0.00	0.01	1.877	O				1.94
373.167	0.00	0.01	1.877	O				1.94
373.250	0.00	0.01	1.877	O				1.94
373.333	0.00	0.01	1.877	O				1.94
373.417	0.00	0.01	1.877	O				1.94
373.500	0.00	0.01	1.876	O				1.94
373.583	0.00	0.01	1.876	O				1.94
373.667	0.00	0.01	1.876	O				1.94
373.750	0.00	0.01	1.876	O				1.93
373.833	0.00	0.01	1.876	O				1.93
373.917	0.00	0.01	1.876	O				1.93
374.000	0.00	0.01	1.876	O				1.93
374.083	0.00	0.01	1.876	O				1.93
374.167	0.00	0.01	1.876	O				1.93
374.250	0.00	0.01	1.876	O				1.93
374.333	0.00	0.01	1.876	O				1.93
374.417	0.00	0.01	1.876	O				1.93
374.500	0.00	0.01	1.876	O				1.93
374.583	0.00	0.01	1.876	O				1.93
374.667	0.00	0.01	1.876	O				1.93
374.750	0.00	0.01	1.876	O				1.93
374.833	0.00	0.01	1.876	O				1.93
374.917	0.00	0.01	1.875	O				1.93
375.000	0.00	0.01	1.875	O				1.93
375.083	0.00	0.01	1.875	O				1.93
375.167	0.00	0.01	1.875	O				1.93
375.250	0.00	0.01	1.875	O				1.93
375.333	0.00	0.01	1.875	O				1.93
375.417	0.00	0.01	1.875	O				1.93
375.500	0.00	0.01	1.875	O				1.93
375.583	0.00	0.01	1.875	O				1.93
375.667	0.00	0.01	1.875	O				1.93
375.750	0.00	0.01	1.875	O				1.93
375.833	0.00	0.01	1.875	O				1.93
375.917	0.00	0.01	1.875	O				1.93
376.000	0.00	0.01	1.875	O				1.93
376.083	0.00	0.01	1.875	O				1.93
376.167	0.00	0.01	1.875	O				1.93
376.250	0.00	0.01	1.874	O				1.93
376.333	0.00	0.01	1.874	O				1.93
376.417	0.00	0.01	1.874	O				1.93
376.500	0.00	0.01	1.874	O				1.93
376.583	0.00	0.01	1.874	O				1.93
376.667	0.00	0.01	1.874	O				1.93
376.750	0.00	0.01	1.874	O				1.93
376.833	0.00	0.01	1.874	O				1.93
376.917	0.00	0.01	1.874	O				1.93
377.000	0.00	0.01	1.874	O				1.93
377.083	0.00	0.01	1.874	O				1.93
377.167	0.00	0.01	1.874	O				1.93

377.250	0.00	0.01	1.874	O				1.93
377.333	0.00	0.01	1.874	O				1.93
377.417	0.00	0.01	1.874	O				1.93
377.500	0.00	0.01	1.874	O				1.93
377.583	0.00	0.01	1.874	O				1.93
377.667	0.00	0.01	1.873	O				1.93
377.750	0.00	0.01	1.873	O				1.93
377.833	0.00	0.01	1.873	O				1.93
377.917	0.00	0.01	1.873	O				1.93
378.000	0.00	0.01	1.873	O				1.93
378.083	0.00	0.01	1.873	O				1.93
378.167	0.00	0.01	1.873	O				1.93
378.250	0.00	0.01	1.873	O				1.93
378.333	0.00	0.01	1.873	O				1.93
378.417	0.00	0.01	1.873	O				1.93
378.500	0.00	0.01	1.873	O				1.93
378.583	0.00	0.01	1.873	O				1.93
378.667	0.00	0.01	1.873	O				1.93
378.750	0.00	0.01	1.873	O				1.93
378.833	0.00	0.01	1.873	O				1.93
378.917	0.00	0.01	1.873	O				1.93
379.000	0.00	0.01	1.872	O				1.93
379.083	0.00	0.01	1.872	O				1.93
379.167	0.00	0.01	1.872	O				1.93
379.250	0.00	0.01	1.872	O				1.93
379.333	0.00	0.01	1.872	O				1.93
379.417	0.00	0.01	1.872	O				1.93
379.500	0.00	0.01	1.872	O				1.93
379.583	0.00	0.01	1.872	O				1.93
379.667	0.00	0.01	1.872	O				1.93
379.750	0.00	0.01	1.872	O				1.93
379.833	0.00	0.01	1.872	O				1.93
379.917	0.00	0.01	1.872	O				1.93
380.000	0.00	0.01	1.872	O				1.93
380.083	0.00	0.01	1.872	O				1.93
380.167	0.00	0.01	1.872	O				1.93
380.250	0.00	0.01	1.872	O				1.93
380.333	0.00	0.01	1.872	O				1.93
380.417	0.00	0.01	1.871	O				1.93
380.500	0.00	0.01	1.871	O				1.93
380.583	0.00	0.01	1.871	O				1.93
380.667	0.00	0.01	1.871	O				1.93
380.750	0.00	0.01	1.871	O				1.93
380.833	0.00	0.01	1.871	O				1.93
380.917	0.00	0.01	1.871	O				1.93
381.000	0.00	0.01	1.871	O				1.93
381.083	0.00	0.01	1.871	O				1.93
381.167	0.00	0.01	1.871	O				1.93
381.250	0.00	0.01	1.871	O				1.93
381.333	0.00	0.01	1.871	O				1.93

381.417	0.00	0.01	1.871	O				1.93
381.500	0.00	0.01	1.871	O				1.93
381.583	0.00	0.01	1.871	O				1.93
381.667	0.00	0.01	1.871	O				1.93
381.750	0.00	0.01	1.870	O				1.93
381.833	0.00	0.01	1.870	O				1.93
381.917	0.00	0.01	1.870	O				1.93
382.000	0.00	0.01	1.870	O				1.93
382.083	0.00	0.01	1.870	O				1.93
382.167	0.00	0.01	1.870	O				1.93
382.250	0.00	0.01	1.870	O				1.93
382.333	0.00	0.01	1.870	O				1.93
382.417	0.00	0.01	1.870	O				1.93
382.500	0.00	0.01	1.870	O				1.93
382.583	0.00	0.01	1.870	O				1.93
382.667	0.00	0.01	1.870	O				1.93
382.750	0.00	0.01	1.870	O				1.93
382.833	0.00	0.01	1.870	O				1.93
382.917	0.00	0.01	1.870	O				1.93
383.000	0.00	0.01	1.870	O				1.93
383.083	0.00	0.01	1.870	O				1.93
383.167	0.00	0.01	1.869	O				1.93
383.250	0.00	0.01	1.869	O				1.93
383.333	0.00	0.01	1.869	O				1.93
383.417	0.00	0.01	1.869	O				1.93
383.500	0.00	0.01	1.869	O				1.93
383.583	0.00	0.01	1.869	O				1.93
383.667	0.00	0.01	1.869	O				1.93
383.750	0.00	0.01	1.869	O				1.93
383.833	0.00	0.01	1.869	O				1.93
383.917	0.00	0.01	1.869	O				1.93
384.000	0.00	0.01	1.869	O				1.93
384.083	0.00	0.01	1.869	O				1.93
384.167	0.00	0.01	1.869	O				1.93
384.250	0.00	0.01	1.869	O				1.93
384.333	0.00	0.01	1.869	O				1.93
384.417	0.00	0.01	1.869	O				1.93
384.500	0.00	0.01	1.869	O				1.93
384.583	0.00	0.01	1.868	O				1.93
384.667	0.00	0.01	1.868	O				1.93
384.750	0.00	0.01	1.868	O				1.93
384.833	0.00	0.01	1.868	O				1.93
384.917	0.00	0.01	1.868	O				1.93
385.000	0.00	0.01	1.868	O				1.93
385.083	0.00	0.01	1.868	O				1.93
385.167	0.00	0.01	1.868	O				1.93
385.250	0.00	0.01	1.868	O				1.93
385.333	0.00	0.01	1.868	O				1.93
385.417	0.00	0.01	1.868	O				1.93
385.500	0.00	0.01	1.868	O				1.93

385.583	0.00	0.01	1.868	O				1.93
385.667	0.00	0.01	1.868	O				1.93
385.750	0.00	0.01	1.868	O				1.93
385.833	0.00	0.01	1.868	O				1.93
385.917	0.00	0.01	1.867	O				1.93
386.000	0.00	0.01	1.867	O				1.93
386.083	0.00	0.01	1.867	O				1.93
386.167	0.00	0.01	1.867	O				1.93
386.250	0.00	0.01	1.867	O				1.93
386.333	0.00	0.01	1.867	O				1.93
386.417	0.00	0.01	1.867	O				1.93
386.500	0.00	0.01	1.867	O				1.93
386.583	0.00	0.01	1.867	O				1.93
386.667	0.00	0.01	1.867	O				1.93
386.750	0.00	0.01	1.867	O				1.93
386.833	0.00	0.01	1.867	O				1.93
386.917	0.00	0.01	1.867	O				1.93
387.000	0.00	0.01	1.867	O				1.93
387.083	0.00	0.01	1.867	O				1.93
387.167	0.00	0.01	1.867	O				1.93
387.250	0.00	0.01	1.867	O				1.93
387.333	0.00	0.01	1.866	O				1.92
387.417	0.00	0.01	1.866	O				1.92
387.500	0.00	0.01	1.866	O				1.92
387.583	0.00	0.01	1.866	O				1.92
387.667	0.00	0.01	1.866	O				1.92
387.750	0.00	0.01	1.866	O				1.92
387.833	0.00	0.01	1.866	O				1.92
387.917	0.00	0.01	1.866	O				1.92
388.000	0.00	0.01	1.866	O				1.92
388.083	0.00	0.01	1.866	O				1.92
388.167	0.00	0.01	1.866	O				1.92
388.250	0.00	0.01	1.866	O				1.92
388.333	0.00	0.01	1.866	O				1.92
388.417	0.00	0.01	1.866	O				1.92
388.500	0.00	0.01	1.866	O				1.92
388.583	0.00	0.01	1.866	O				1.92
388.667	0.00	0.01	1.866	O				1.92
388.750	0.00	0.01	1.865	O				1.92
388.833	0.00	0.01	1.865	O				1.92
388.917	0.00	0.01	1.865	O				1.92
389.000	0.00	0.01	1.865	O				1.92
389.083	0.00	0.01	1.865	O				1.92
389.167	0.00	0.01	1.865	O				1.92
389.250	0.00	0.01	1.865	O				1.92
389.333	0.00	0.01	1.865	O				1.92
389.417	0.00	0.01	1.865	O				1.92
389.500	0.00	0.01	1.865	O				1.92
389.583	0.00	0.01	1.865	O				1.92
389.667	0.00	0.01	1.865	O				1.92

389.750	0.00	0.01	1.865	O				1.92
389.833	0.00	0.01	1.865	O				1.92
389.917	0.00	0.01	1.865	O				1.92
390.000	0.00	0.01	1.865	O				1.92
390.083	0.00	0.01	1.865	O				1.92
390.167	0.00	0.01	1.864	O				1.92
390.250	0.00	0.01	1.864	O				1.92
390.333	0.00	0.01	1.864	O				1.92
390.417	0.00	0.01	1.864	O				1.92
390.500	0.00	0.01	1.864	O				1.92
390.583	0.00	0.01	1.864	O				1.92
390.667	0.00	0.01	1.864	O				1.92
390.750	0.00	0.01	1.864	O				1.92
390.833	0.00	0.01	1.864	O				1.92
390.917	0.00	0.01	1.864	O				1.92
391.000	0.00	0.01	1.864	O				1.92
391.083	0.00	0.01	1.864	O				1.92
391.167	0.00	0.01	1.864	O				1.92
391.250	0.00	0.01	1.864	O				1.92
391.333	0.00	0.01	1.864	O				1.92
391.417	0.00	0.01	1.864	O				1.92
391.500	0.00	0.01	1.864	O				1.92
391.583	0.00	0.01	1.863	O				1.92
391.667	0.00	0.01	1.863	O				1.92
391.750	0.00	0.01	1.863	O				1.92
391.833	0.00	0.01	1.863	O				1.92
391.917	0.00	0.01	1.863	O				1.92
392.000	0.00	0.01	1.863	O				1.92
392.083	0.00	0.01	1.863	O				1.92
392.167	0.00	0.01	1.863	O				1.92
392.250	0.00	0.01	1.863	O				1.92
392.333	0.00	0.01	1.863	O				1.92
392.417	0.00	0.01	1.863	O				1.92
392.500	0.00	0.01	1.863	O				1.92
392.583	0.00	0.01	1.863	O				1.92
392.667	0.00	0.01	1.863	O				1.92
392.750	0.00	0.01	1.863	O				1.92
392.833	0.00	0.01	1.863	O				1.92
392.917	0.00	0.01	1.863	O				1.92
393.000	0.00	0.01	1.862	O				1.92
393.083	0.00	0.01	1.862	O				1.92
393.167	0.00	0.01	1.862	O				1.92
393.250	0.00	0.01	1.862	O				1.92
393.333	0.00	0.01	1.862	O				1.92
393.417	0.00	0.01	1.862	O				1.92
393.500	0.00	0.01	1.862	O				1.92
393.583	0.00	0.01	1.862	O				1.92
393.667	0.00	0.01	1.862	O				1.92
393.750	0.00	0.01	1.862	O				1.92
393.833	0.00	0.01	1.862	O				1.92

393.917	0.00	0.01	1.862	O				1.92
394.000	0.00	0.01	1.862	O				1.92
394.083	0.00	0.01	1.862	O				1.92
394.167	0.00	0.01	1.862	O				1.92
394.250	0.00	0.01	1.862	O				1.92
394.333	0.00	0.01	1.862	O				1.92
394.417	0.00	0.01	1.861	O				1.92
394.500	0.00	0.01	1.861	O				1.92
394.583	0.00	0.01	1.861	O				1.92
394.667	0.00	0.01	1.861	O				1.92
394.750	0.00	0.01	1.861	O				1.92
394.833	0.00	0.01	1.861	O				1.92
394.917	0.00	0.01	1.861	O				1.92
395.000	0.00	0.01	1.861	O				1.92
395.083	0.00	0.01	1.861	O				1.92
395.167	0.00	0.01	1.861	O				1.92
395.250	0.00	0.01	1.861	O				1.92
395.333	0.00	0.01	1.861	O				1.92
395.417	0.00	0.01	1.861	O				1.92
395.500	0.00	0.01	1.861	O				1.92
395.583	0.00	0.01	1.861	O				1.92
395.667	0.00	0.01	1.861	O				1.92
395.750	0.00	0.01	1.861	O				1.92
395.833	0.00	0.01	1.860	O				1.92
395.917	0.00	0.01	1.860	O				1.92
396.000	0.00	0.01	1.860	O				1.92
396.083	0.00	0.01	1.860	O				1.92
396.167	0.00	0.01	1.860	O				1.92
396.250	0.00	0.01	1.860	O				1.92
396.333	0.00	0.01	1.860	O				1.92
396.417	0.00	0.01	1.860	O				1.92
396.500	0.00	0.01	1.860	O				1.92
396.583	0.00	0.01	1.860	O				1.92
396.667	0.00	0.01	1.860	O				1.92
396.750	0.00	0.01	1.860	O				1.92
396.833	0.00	0.01	1.860	O				1.92
396.917	0.00	0.01	1.860	O				1.92
397.000	0.00	0.01	1.860	O				1.92
397.083	0.00	0.01	1.860	O				1.92
397.167	0.00	0.01	1.860	O				1.92
397.250	0.00	0.01	1.859	O				1.92
397.333	0.00	0.01	1.859	O				1.92
397.417	0.00	0.01	1.859	O				1.92
397.500	0.00	0.01	1.859	O				1.92
397.583	0.00	0.01	1.859	O				1.92
397.667	0.00	0.01	1.859	O				1.92
397.750	0.00	0.01	1.859	O				1.92
397.833	0.00	0.01	1.859	O				1.92
397.917	0.00	0.01	1.859	O				1.92
398.000	0.00	0.01	1.859	O				1.92

398.083	0.00	0.01	1.859	O				1.92
398.167	0.00	0.01	1.859	O				1.92
398.250	0.00	0.01	1.859	O				1.92
398.333	0.00	0.01	1.859	O				1.92
398.417	0.00	0.01	1.859	O				1.92
398.500	0.00	0.01	1.859	O				1.92
398.583	0.00	0.01	1.859	O				1.92
398.667	0.00	0.01	1.858	O				1.92
398.750	0.00	0.01	1.858	O				1.92
398.833	0.00	0.01	1.858	O				1.92
398.917	0.00	0.01	1.858	O				1.92
399.000	0.00	0.01	1.858	O				1.92
399.083	0.00	0.01	1.858	O				1.92
399.167	0.00	0.01	1.858	O				1.92
399.250	0.00	0.01	1.858	O				1.92
399.333	0.00	0.01	1.858	O				1.92
399.417	0.00	0.01	1.858	O				1.92
399.500	0.00	0.01	1.858	O				1.92
399.583	0.00	0.01	1.858	O				1.92
399.667	0.00	0.01	1.858	O				1.92
399.750	0.00	0.01	1.858	O				1.92
399.833	0.00	0.01	1.858	O				1.92
399.917	0.00	0.01	1.858	O				1.92
400.000	0.00	0.01	1.858	O				1.92
400.083	0.00	0.01	1.857	O				1.92
400.167	0.00	0.01	1.857	O				1.92
400.250	0.00	0.01	1.857	O				1.92
400.333	0.00	0.01	1.857	O				1.92
400.417	0.00	0.01	1.857	O				1.92
400.500	0.00	0.01	1.857	O				1.92
400.583	0.00	0.01	1.857	O				1.92
400.667	0.00	0.01	1.857	O				1.92
400.750	0.00	0.01	1.857	O				1.92
400.833	0.00	0.01	1.857	O				1.92
400.917	0.00	0.01	1.857	O				1.92
401.000	0.00	0.01	1.857	O				1.92
401.083	0.00	0.01	1.857	O				1.92
401.167	0.00	0.01	1.857	O				1.91
401.250	0.00	0.01	1.857	O				1.91
401.333	0.00	0.01	1.857	O				1.91
401.417	0.00	0.01	1.857	O				1.91
401.500	0.00	0.01	1.856	O				1.91
401.583	0.00	0.01	1.856	O				1.91
401.667	0.00	0.01	1.856	O				1.91
401.750	0.00	0.01	1.856	O				1.91
401.833	0.00	0.01	1.856	O				1.91
401.917	0.00	0.01	1.856	O				1.91
402.000	0.00	0.01	1.856	O				1.91
402.083	0.00	0.01	1.856	O				1.91
402.167	0.00	0.01	1.856	O				1.91

402.250	0.00	0.01	1.856	O				1.91
402.333	0.00	0.01	1.856	O				1.91
402.417	0.00	0.01	1.856	O				1.91
402.500	0.00	0.01	1.856	O				1.91
402.583	0.00	0.01	1.856	O				1.91
402.667	0.00	0.01	1.856	O				1.91
402.750	0.00	0.01	1.856	O				1.91
402.833	0.00	0.01	1.856	O				1.91
402.917	0.00	0.01	1.855	O				1.91
403.000	0.00	0.01	1.855	O				1.91
403.083	0.00	0.01	1.855	O				1.91
403.167	0.00	0.01	1.855	O				1.91
403.250	0.00	0.01	1.855	O				1.91
403.333	0.00	0.01	1.855	O				1.91
403.417	0.00	0.01	1.855	O				1.91
403.500	0.00	0.01	1.855	O				1.91
403.583	0.00	0.01	1.855	O				1.91
403.667	0.00	0.01	1.855	O				1.91
403.750	0.00	0.01	1.855	O				1.91
403.833	0.00	0.01	1.855	O				1.91
403.917	0.00	0.01	1.855	O				1.91
404.000	0.00	0.01	1.855	O				1.91
404.083	0.00	0.01	1.855	O				1.91
404.167	0.00	0.01	1.855	O				1.91
404.250	0.00	0.01	1.855	O				1.91
404.333	0.00	0.01	1.854	O				1.91
404.417	0.00	0.01	1.854	O				1.91
404.500	0.00	0.01	1.854	O				1.91
404.583	0.00	0.01	1.854	O				1.91
404.667	0.00	0.01	1.854	O				1.91
404.750	0.00	0.01	1.854	O				1.91
404.833	0.00	0.01	1.854	O				1.91
404.917	0.00	0.01	1.854	O				1.91
405.000	0.00	0.01	1.854	O				1.91
405.083	0.00	0.01	1.854	O				1.91
405.167	0.00	0.01	1.854	O				1.91
405.250	0.00	0.01	1.854	O				1.91
405.333	0.00	0.01	1.854	O				1.91
405.417	0.00	0.01	1.854	O				1.91
405.500	0.00	0.01	1.854	O				1.91
405.583	0.00	0.01	1.854	O				1.91
405.667	0.00	0.01	1.854	O				1.91
405.750	0.00	0.01	1.853	O				1.91
405.833	0.00	0.01	1.853	O				1.91
405.917	0.00	0.01	1.853	O				1.91
406.000	0.00	0.01	1.853	O				1.91
406.083	0.00	0.01	1.853	O				1.91
406.167	0.00	0.01	1.853	O				1.91
406.250	0.00	0.01	1.853	O				1.91
406.333	0.00	0.01	1.853	O				1.91

406.417	0.00	0.01	1.853	O	|	|	|	1.91
406.500	0.00	0.01	1.853	O	|	|	|	1.91
406.583	0.00	0.01	1.853	O	|	|	|	1.91
406.667	0.00	0.01	1.853	O	|	|	|	1.91
406.750	0.00	0.01	1.853	O	|	|	|	1.91
406.833	0.00	0.01	1.853	O	|	|	|	1.91
406.917	0.00	0.01	1.853	O	|	|	|	1.91
407.000	0.00	0.01	1.853	O	|	|	|	1.91
407.083	0.00	0.01	1.853	O	|	|	|	1.91
407.167	0.00	0.01	1.853	O	|	|	|	1.91
407.250	0.00	0.01	1.852	O	|	|	|	1.91
407.333	0.00	0.01	1.852	O	|	|	|	1.91
407.417	0.00	0.01	1.852	O	|	|	|	1.91
407.500	0.00	0.01	1.852	O	|	|	|	1.91
407.583	0.00	0.01	1.852	O	|	|	|	1.91
407.667	0.00	0.01	1.852	O	|	|	|	1.91
407.750	0.00	0.01	1.852	O	|	|	|	1.91
407.833	0.00	0.01	1.852	O	|	|	|	1.91
407.917	0.00	0.01	1.852	O	|	|	|	1.91
408.000	0.00	0.01	1.852	O	|	|	|	1.91
408.083	0.00	0.01	1.852	O	|	|	|	1.91
408.167	0.00	0.01	1.852	O	|	|	|	1.91
408.250	0.00	0.01	1.852	O	|	|	|	1.91
408.333	0.00	0.01	1.852	O	|	|	|	1.91
408.417	0.00	0.01	1.852	O	|	|	|	1.91
408.500	0.00	0.01	1.852	O	|	|	|	1.91
408.583	0.00	0.01	1.852	O	|	|	|	1.91
408.667	0.00	0.01	1.851	O	|	|	|	1.91
408.750	0.00	0.01	1.851	O	|	|	|	1.91
408.833	0.00	0.01	1.851	O	|	|	|	1.91
408.917	0.00	0.01	1.851	O	|	|	|	1.91
409.000	0.00	0.01	1.851	O	|	|	|	1.91
409.083	0.00	0.01	1.851	O	|	|	|	1.91
409.167	0.00	0.01	1.851	O	|	|	|	1.91
409.250	0.00	0.01	1.851	O	|	|	|	1.91
409.333	0.00	0.01	1.851	O	|	|	|	1.91
409.417	0.00	0.01	1.851	O	|	|	|	1.91
409.500	0.00	0.01	1.851	O	|	|	|	1.91
409.583	0.00	0.01	1.851	O	|	|	|	1.91
409.667	0.00	0.01	1.851	O	|	|	|	1.91
409.750	0.00	0.01	1.851	O	|	|	|	1.91
409.833	0.00	0.01	1.851	O	|	|	|	1.91
409.917	0.00	0.01	1.851	O	|	|	|	1.91
410.000	0.00	0.01	1.851	O	|	|	|	1.91
410.083	0.00	0.01	1.850	O	|	|	|	1.91
410.167	0.00	0.01	1.850	O	|	|	|	1.91
410.250	0.00	0.01	1.850	O	|	|	|	1.91
410.333	0.00	0.01	1.850	O	|	|	|	1.91
410.417	0.00	0.01	1.850	O	|	|	|	1.91
410.500	0.00	0.01	1.850	O	|	|	|	1.91

410.583	0.00	0.01	1.850	O				1.91
410.667	0.00	0.01	1.850	O				1.91
410.750	0.00	0.01	1.850	O				1.91
410.833	0.00	0.01	1.850	O				1.91
410.917	0.00	0.01	1.850	O				1.91
411.000	0.00	0.01	1.850	O				1.91
411.083	0.00	0.01	1.850	O				1.91
411.167	0.00	0.01	1.850	O				1.91
411.250	0.00	0.01	1.850	O				1.91
411.333	0.00	0.01	1.850	O				1.91
411.417	0.00	0.01	1.850	O				1.91
411.500	0.00	0.01	1.850	O				1.91
411.583	0.00	0.01	1.849	O				1.91
411.667	0.00	0.01	1.849	O				1.91
411.750	0.00	0.01	1.849	O				1.91
411.833	0.00	0.01	1.849	O				1.91
411.917	0.00	0.01	1.849	O				1.91
412.000	0.00	0.01	1.849	O				1.91
412.083	0.00	0.01	1.849	O				1.91
412.167	0.00	0.01	1.849	O				1.91
412.250	0.00	0.01	1.849	O				1.91
412.333	0.00	0.01	1.849	O				1.91
412.417	0.00	0.01	1.849	O				1.91
412.500	0.00	0.01	1.849	O				1.91
412.583	0.00	0.01	1.849	O				1.91
412.667	0.00	0.01	1.849	O				1.91
412.750	0.00	0.01	1.849	O				1.91
412.833	0.00	0.01	1.849	O				1.91
412.917	0.00	0.01	1.849	O				1.91
413.000	0.00	0.01	1.848	O				1.91
413.083	0.00	0.01	1.848	O				1.91
413.167	0.00	0.01	1.848	O				1.91
413.250	0.00	0.01	1.848	O				1.91
413.333	0.00	0.01	1.848	O				1.91
413.417	0.00	0.01	1.848	O				1.91
413.500	0.00	0.01	1.848	O				1.91
413.583	0.00	0.01	1.848	O				1.91
413.667	0.00	0.01	1.848	O				1.91
413.750	0.00	0.01	1.848	O				1.91
413.833	0.00	0.01	1.848	O				1.91
413.917	0.00	0.01	1.848	O				1.91
414.000	0.00	0.01	1.848	O				1.91
414.083	0.00	0.01	1.848	O				1.91
414.167	0.00	0.01	1.848	O				1.91
414.250	0.00	0.01	1.848	O				1.91
414.333	0.00	0.01	1.848	O				1.91
414.417	0.00	0.01	1.848	O				1.91
414.500	0.00	0.01	1.847	O				1.91
414.583	0.00	0.01	1.847	O				1.91
414.667	0.00	0.01	1.847	O				1.91

```
414.750    0.00    0.01      1.847  O       |       |       |       |     1.91
414.833    0.00    0.01      1.847  O       |       |       |       |     1.91
414.917    0.00    0.01      1.847  O       |       |       |       |     1.91
415.000    0.00    0.01      1.847  O       |       |       |       |     1.91
415.083    0.00    0.01      1.847  O       |       |       |       |     1.91
415.167    0.00    0.01      1.847  O       |       |       |       |     1.91
415.250    0.00    0.01      1.847  O       |       |       |       |     1.91
415.333    0.00    0.01      1.847  O       |       |       |       |     1.90
415.417    0.00    0.01      1.847  O       |       |       |       |     1.90
415.500    0.00    0.01      1.847  O       |       |       |       |     1.90
415.583    0.00    0.01      1.847  O       |       |       |       |     1.90
415.667    0.00    0.01      1.847  O       |       |       |       |     1.90
415.750    0.00    0.01      1.847  O       |       |       |       |     1.90
415.833    0.00    0.01      1.847  O       |       |       |       |     1.90
415.917    0.00    0.01      1.846  O       |       |       |       |     1.90
416.000    0.00    0.01      1.846  O       |       |       |       |     1.90
416.083    0.00    0.01      1.846  O       |       |       |       |     1.90
416.167    0.00    0.01      1.846  O       |       |       |       |     1.90
416.250    0.00    0.01      1.846  O       |       |       |       |     1.90
416.333    0.00    0.01      1.846  O       |       |       |       |     1.90
416.417    0.00    0.01      1.846  O       |       |       |       |     1.90
416.500    0.00    0.01      1.846  O       |       |       |       |     1.90
416.583    0.00    0.01      1.846  O       |       |       |       |     1.90
416.667    0.00    0.01      1.846  O       |       |       |       |     1.90

        Remaining water in basin =    1.85 (Ac.Ft)


        ****************************HYDROGRAPH DATA****************************
                       Number of intervals =  5001
                       Time interval =    5.0 (Min.)
                       Maximum/Peak flow rate =       13.167 (CFS)
                       Total volume =       3.945 (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 - 2014
Study date: 08/07/22

IENLC
Basin D
10-year

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: 10yrareaD.rte
**********HYDROGRAPH DATA**********
Number of intervals = 301
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 55.358 (CFS)
Total volume = 5.639 (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 100.000 to Point/Station 109.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 301
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.410	0.001	1.410	1.410
2.000	1.890	0.010	1.890	1.890
2.500	2.360	0.100	2.360	2.360
3.000	2.830	0.100	2.830	2.830
3.500	3.030	0.100	3.030	3.030
4.000	3.760	5.000	3.743	3.777
4.500	4.060	12.000	4.019	4.101
5.000	4.140	12.000	4.099	4.181

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 13.8 27.68 41.52 55.36	Depth (Ft.)
0.083	0.05	0.00	0.000	O | | | |	0.00
0.167	0.41	0.00	0.002	O | | | |	0.00
0.250	0.71	0.00	0.006	O | | | |	0.01
0.333	0.84	0.00	0.011	O | | | |	0.01
0.417	0.91	0.00	0.017	O | | | |	0.02
0.500	0.97	0.00	0.023	O | | | |	0.02
0.583	1.00	0.00	0.030	O | | | |	0.03
0.667	1.03	0.00	0.037	O | | | |	0.04
0.750	1.05	0.00	0.044	O | | | |	0.05
0.833	1.07	0.00	0.052	O | | | |	0.05
0.917	1.08	0.00	0.059	O | | | |	0.06
1.000	1.09	0.00	0.067	O | | | |	0.07
1.083	1.10	0.00	0.074	O | | | |	0.08
1.167	1.11	0.00	0.082	O | | | |	0.09
1.250	1.11	0.00	0.089	O | | | |	0.10
1.333	1.12	0.00	0.097	O | | | |	0.10
1.417	1.12	0.00	0.105	O | | | |	0.11
1.500	1.12	0.00	0.112	O | | | |	0.12
1.583	1.13	0.00	0.120	O | | | |	0.13
1.667	1.13	0.00	0.128	O | | | |	0.14
1.750	1.14	0.00	0.136	O | | | |	0.14
1.833	1.14	0.00	0.144	O | | | |	0.15
1.917	1.14	0.00	0.151	O | | | |	0.16
2.000	1.15	0.00	0.159	O | | | |	0.17
2.083	1.15	0.00	0.167	O | | | |	0.18
2.167	1.16	0.00	0.175	O | | | |	0.19

2.250	1.16	0.00	0.183	O	|	|	|	0.19
2.333	1.16	0.00	0.191	O	|	|	|	0.20
2.417	1.17	0.00	0.199	O	|	|	|	0.21
2.500	1.17	0.00	0.207	O	|	|	|	0.22
2.583	1.18	0.00	0.215	O	|	|	|	0.23
2.667	1.18	0.00	0.223	O	|	|	|	0.24
2.750	1.19	0.00	0.232	O	|	|	|	0.25
2.833	1.19	0.00	0.240	O	|	|	|	0.26
2.917	1.19	0.00	0.248	O	|	|	|	0.26
3.000	1.20	0.00	0.256	O	|	|	|	0.27
3.083	1.20	0.00	0.265	O	|	|	|	0.28
3.167	1.21	0.00	0.273	O	|	|	|	0.29
3.250	1.21	0.00	0.281	O	|	|	|	0.30
3.333	1.22	0.00	0.290	O	|	|	|	0.31
3.417	1.22	0.00	0.298	O	|	|	|	0.32
3.500	1.23	0.00	0.306	O	|	|	|	0.33
3.583	1.23	0.00	0.315	O	|	|	|	0.33
3.667	1.24	0.00	0.323	O	|	|	|	0.34
3.750	1.24	0.00	0.332	O	|	|	|	0.35
3.833	1.25	0.00	0.340	O	|	|	|	0.36
3.917	1.25	0.00	0.349	O	|	|	|	0.37
4.000	1.26	0.00	0.358	O	|	|	|	0.38
4.083	1.26	0.00	0.366	O	|	|	|	0.39
4.167	1.27	0.00	0.375	O	|	|	|	0.40
4.250	1.27	0.00	0.384	O	|	|	|	0.41
4.333	1.28	0.00	0.393	O	|	|	|	0.42
4.417	1.28	0.00	0.401	O	|	|	|	0.43
4.500	1.29	0.00	0.410	O	|	|	|	0.44
4.583	1.30	0.00	0.419	O	|	|	|	0.45
4.667	1.30	0.00	0.428	O	|	|	|	0.46
4.750	1.31	0.00	0.437	O	|	|	|	0.47
4.833	1.31	0.00	0.446	O	|	|	|	0.47
4.917	1.32	0.00	0.455	O	|	|	|	0.48
5.000	1.32	0.00	0.464	O	|	|	|	0.49
5.083	1.33	0.00	0.473	O	|	|	|	0.50
5.167	1.34	0.00	0.483	O	|	|	|	0.51
5.250	1.34	0.00	0.492	O	|	|	|	0.52
5.333	1.35	0.00	0.501	O	|	|	|	0.53
5.417	1.36	0.00	0.510	O	|	|	|	0.54
5.500	1.36	0.00	0.520	O	|	|	|	0.55
5.583	1.37	0.00	0.529	O	|	|	|	0.56
5.667	1.37	0.00	0.539	O	|	|	|	0.57
5.750	1.38	0.00	0.548	O	|	|	|	0.58
5.833	1.39	0.00	0.558	O	|	|	|	0.59
5.917	1.39	0.00	0.567	O	|	|	|	0.60
6.000	1.40	0.00	0.577	O	|	|	|	0.61
6.083	1.41	0.00	0.587	O	|	|	|	0.62
6.167	1.42	0.00	0.596	O	|	|	|	0.63
6.250	1.42	0.00	0.606	O	|	|	|	0.64
6.333	1.43	0.00	0.616	O	|	|	|	0.66

6.417	1.44	0.00	0.626	O				0.67
6.500	1.45	0.00	0.636	O				0.68
6.583	1.45	0.00	0.646	O				0.69
6.667	1.46	0.00	0.656	O				0.70
6.750	1.47	0.00	0.666	O				0.71
6.833	1.48	0.00	0.676	O				0.72
6.917	1.48	0.00	0.686	O				0.73
7.000	1.49	0.00	0.696	O				0.74
7.083	1.50	0.00	0.707	O				0.75
7.167	1.51	0.00	0.717	O				0.76
7.250	1.52	0.00	0.727	O				0.77
7.333	1.53	0.00	0.738	O				0.78
7.417	1.53	0.00	0.748	O				0.80
7.500	1.54	0.00	0.759	O				0.81
7.583	1.55	0.00	0.770	O				0.82
7.667	1.56	0.00	0.780	O				0.83
7.750	1.57	0.00	0.791	O				0.84
7.833	1.58	0.00	0.802	O				0.85
7.917	1.59	0.00	0.813	O				0.86
8.000	1.60	0.00	0.824	O				0.88
8.083	1.61	0.00	0.835	O				0.89
8.167	1.62	0.00	0.846	O				0.90
8.250	1.63	0.00	0.857	O				0.91
8.333	1.64	0.00	0.869	O				0.92
8.417	1.65	0.00	0.880	O				0.94
8.500	1.66	0.00	0.891	O				0.95
8.583	1.67	0.00	0.903	O				0.96
8.667	1.68	0.00	0.914	O				0.97
8.750	1.69	0.00	0.926	O				0.99
8.833	1.71	0.00	0.938	O				1.00
8.917	1.72	0.00	0.949	O				1.01
9.000	1.73	0.00	0.961	OI				1.02
9.083	1.74	0.00	0.973	OI				1.04
9.167	1.75	0.00	0.985	OI				1.05
9.250	1.77	0.00	0.997	OI				1.06
9.333	1.78	0.00	1.010	OI				1.07
9.417	1.79	0.00	1.022	OI				1.09
9.500	1.81	0.00	1.034	OI				1.10
9.583	1.82	0.00	1.047	OI				1.11
9.667	1.83	0.00	1.059	OI				1.13
9.750	1.85	0.00	1.072	OI				1.14
9.833	1.86	0.00	1.085	OI				1.15
9.917	1.88	0.00	1.098	OI				1.17
10.000	1.89	0.00	1.111	OI				1.18
10.083	1.91	0.00	1.124	OI				1.20
10.167	1.92	0.00	1.137	OI				1.21
10.250	1.94	0.00	1.150	OI				1.22
10.333	1.96	0.00	1.164	OI				1.24
10.417	1.97	0.00	1.177	OI				1.25
10.500	1.99	0.00	1.191	OI				1.27

10.583	2.01	0.00	1.205	OI				1.28
10.667	2.03	0.00	1.219	OI				1.30
10.750	2.05	0.00	1.233	OI				1.31
10.833	2.07	0.00	1.247	OI				1.33
10.917	2.08	0.00	1.261	OI				1.34
11.000	2.10	0.00	1.275	OI				1.36
11.083	2.12	0.00	1.290	OI				1.37
11.167	2.15	0.00	1.305	OI				1.39
11.250	2.17	0.00	1.319	OI				1.40
11.333	2.19	0.00	1.334	OI				1.42
11.417	2.21	0.00	1.350	OI				1.44
11.500	2.24	0.00	1.365	OI				1.45
11.583	2.26	0.00	1.380	OI				1.47
11.667	2.29	0.00	1.396	OI				1.49
11.750	2.31	0.00	1.412	OI				1.50
11.833	2.34	0.00	1.428	OI				1.52
11.917	2.36	0.00	1.444	OI				1.54
12.000	2.39	0.00	1.460	OI				1.55
12.083	2.42	0.00	1.477	OI				1.57
12.167	2.47	0.00	1.494	OI				1.59
12.250	2.51	0.00	1.511	OI				1.61
12.333	2.55	0.00	1.528	OI				1.62
12.417	2.58	0.00	1.546	OI				1.64
12.500	2.62	0.00	1.564	OI				1.66
12.583	2.66	0.00	1.582	OI				1.68
12.667	2.69	0.00	1.600	OI				1.70
12.750	2.73	0.00	1.619	OI				1.72
12.833	2.77	0.01	1.638	OI				1.74
12.917	2.81	0.01	1.657	OI				1.76
13.000	2.86	0.01	1.677	OI				1.78
13.083	2.90	0.01	1.696	OI				1.80
13.167	2.95	0.01	1.717	OI				1.82
13.250	3.00	0.01	1.737	OI				1.84
13.333	3.05	0.01	1.758	OI				1.86
13.417	3.10	0.01	1.779	OI				1.88
13.500	3.16	0.01	1.800	OI				1.91
13.583	3.22	0.01	1.822	OI				1.93
13.667	3.28	0.01	1.845	OI				1.95
13.750	3.34	0.01	1.867	OI				1.98
13.833	3.41	0.01	1.891	OI				2.00
13.917	3.49	0.01	1.914	O I				2.03
14.000	3.56	0.02	1.938	O I				2.05
14.083	3.64	0.02	1.963	O I				2.08
14.167	3.74	0.03	1.988	O I				2.10
14.250	3.83	0.03	2.014	O I				2.13
14.333	3.93	0.04	2.041	O I				2.16
14.417	4.04	0.04	2.068	O I				2.19
14.500	4.16	0.05	2.096	O I				2.22
14.583	4.27	0.05	2.124	O I				2.25
14.667	4.41	0.06	2.154	O I				2.28

14.750	4.55	0.07	2.184	O I	|	|	|	2.31
14.833	4.72	0.07	2.216	O I	|	|	|	2.35
14.917	4.89	0.08	2.248	O I	|	|	|	2.38
15.000	5.09	0.09	2.282	O I	|	|	|	2.42
15.083	5.29	0.09	2.317	O I	|	|	|	2.45
15.167	5.54	0.10	2.354	O I	|	|	|	2.49
15.250	5.81	0.10	2.392	O I	|	|	|	2.53
15.333	6.13	0.10	2.433	O I	|	|	|	2.58
15.417	6.39	0.10	2.475	O I	|	|	|	2.62
15.500	6.22	0.10	2.518	O I	|	|	|	2.67
15.583	6.18	0.10	2.560	O I	|	|	|	2.71
15.667	6.58	0.10	2.603	O I	|	|	|	2.76
15.750	7.18	0.10	2.650	O I	|	|	|	2.81
15.833	8.25	0.10	2.702	O I	|	|	|	2.86
15.917	9.92	0.10	2.764	O I	|	|	|	2.93
16.000	13.57	0.10	2.844	O I	|	|	|	3.04
16.083	24.09	0.10	2.973	O | I	|	|	|	3.36
16.167	55.36	1.52	3.241	O |	|	|	I|	3.64
16.250	47.14	3.77	3.576	| O	|	|	I |	3.87
16.333	26.34	5.84	3.796	| O |	| I	|	|	4.06
16.417	18.22	8.29	3.901	| O | I	|	|	|	4.23
16.500	14.37	9.48	3.952	| O I	|	|	|	4.32
16.583	11.81	10.02	3.975	| OI	|	|	|	4.36
16.667	10.01	10.15	3.981	| O	|	|	|	4.37
16.750	8.55	10.02	3.975	| IO	|	|	|	4.36
16.833	7.35	9.71	3.962	| IO	|	|	|	4.34
16.917	6.33	9.29	3.944	| I O	|	|	|	4.31
17.000	5.88	8.81	3.923	| I O	|	|	|	4.27
17.083	5.44	8.34	3.903	| IO	|	|	|	4.24
17.167	4.91	7.87	3.883	| I O	|	|	|	4.21
17.250	4.09	7.37	3.862	| I O	|	|	|	4.17
17.333	3.85	6.86	3.840	| IO	|	|	|	4.13
17.417	3.66	6.40	3.820	| IO	|	|	|	4.10
17.500	3.50	5.98	3.802	| IO	|	|	|	4.07
17.583	3.35	5.60	3.786	|I O	|	|	|	4.04
17.667	3.22	5.26	3.771	|I O	|	|	|	4.02
17.750	3.10	4.98	3.757	|IO	|	|	|	4.00
17.833	2.99	4.90	3.744	|IO	|	|	|	3.99
17.917	2.90	4.81	3.731	|IO	|	|	|	3.98
18.000	2.81	4.72	3.718	|IO	|	|	|	3.97
18.083	2.72	4.63	3.705	|IO	|	|	|	3.96
18.167	2.63	4.54	3.692	|IO	|	|	|	3.95
18.250	2.55	4.45	3.679	|IO	|	|	|	3.94
18.333	2.48	4.37	3.666	|IO	|	|	|	3.94
18.417	2.42	4.28	3.653	|IO	|	|	|	3.93
18.500	2.36	4.19	3.640	|IO	|	|	|	3.92
18.583	2.30	4.11	3.628	|IO	|	|	|	3.91
18.667	2.25	4.03	3.615	|IO	|	|	|	3.90
18.750	2.21	3.95	3.603	|IO	|	|	|	3.89
18.833	2.16	3.87	3.591	|IO	|	|	|	3.88

18.917	2.12	3.79	3.580	|IO	|	|	|	3.88
19.000	2.08	3.71	3.568	|IO	|	|	|	3.87
19.083	2.04	3.64	3.557	|IO	|	|	|	3.86
19.167	2.00	3.56	3.546	|IO	|	|	|	3.85
19.250	1.97	3.49	3.536	|IO	|	|	|	3.85
19.333	1.93	3.42	3.525	|O	|	|	|	3.84
19.417	1.90	3.36	3.515	|O	|	|	|	3.83
19.500	1.87	3.29	3.505	|O	|	|	|	3.83
19.583	1.84	3.22	3.495	|O	|	|	|	3.82
19.667	1.81	3.16	3.486	|O	|	|	|	3.81
19.750	1.79	3.10	3.477	|O	|	|	|	3.81
19.833	1.76	3.04	3.468	|O	|	|	|	3.80
19.917	1.74	2.98	3.459	|O	|	|	|	3.79
20.000	1.71	2.92	3.451	IO	|	|	|	3.79
20.083	1.69	2.87	3.443	IO	|	|	|	3.78
20.167	1.67	2.82	3.435	IO	|	|	|	3.78
20.250	1.65	2.76	3.427	IO	|	|	|	3.77
20.333	1.62	2.71	3.419	IO	|	|	|	3.77
20.417	1.60	2.66	3.412	IO	|	|	|	3.76
20.500	1.58	2.61	3.405	IO	|	|	|	3.76
20.583	1.57	2.57	3.398	IO	|	|	|	3.75
20.667	1.55	2.52	3.391	IO	|	|	|	3.75
20.750	1.53	2.48	3.384	IO	|	|	|	3.74
20.833	1.51	2.43	3.378	IO	|	|	|	3.74
20.917	1.50	2.39	3.371	IO	|	|	|	3.73
21.000	1.48	2.35	3.365	IO	|	|	|	3.73
21.083	1.46	2.31	3.359	IO	|	|	|	3.73
21.167	1.45	2.27	3.354	IO	|	|	|	3.72
21.250	1.43	2.24	3.348	IO	|	|	|	3.72
21.333	1.42	2.20	3.343	IO	|	|	|	3.71
21.417	1.41	2.16	3.337	IO	|	|	|	3.71
21.500	1.39	2.13	3.332	IO	|	|	|	3.71
21.583	1.38	2.10	3.327	IO	|	|	|	3.70
21.667	1.36	2.06	3.322	IO	|	|	|	3.70
21.750	1.35	2.03	3.318	IO	|	|	|	3.70
21.833	1.34	2.00	3.313	IO	|	|	|	3.69
21.917	1.33	1.97	3.309	IO	|	|	|	3.69
22.000	1.32	1.94	3.304	IO	|	|	|	3.69
22.083	1.30	1.91	3.300	IO	|	|	|	3.68
22.167	1.29	1.88	3.296	IO	|	|	|	3.68
22.250	1.28	1.86	3.292	IO	|	|	|	3.68
22.333	1.27	1.83	3.288	IO	|	|	|	3.68
22.417	1.26	1.81	3.284	IO	|	|	|	3.67
22.500	1.25	1.78	3.280	IO	|	|	|	3.67
22.583	1.24	1.76	3.277	IO	|	|	|	3.67
22.667	1.23	1.73	3.273	IO	|	|	|	3.67
22.750	1.22	1.71	3.270	O	|	|	|	3.66
22.833	1.21	1.69	3.266	O	|	|	|	3.66
22.917	1.20	1.67	3.263	O	|	|	|	3.66
23.000	1.19	1.64	3.260	O	|	|	|	3.66

23.083	1.18	1.62	3.257	O				3.66
23.167	1.17	1.60	3.254	O				3.65
23.250	1.17	1.58	3.251	O				3.65
23.333	1.16	1.57	3.248	O				3.65
23.417	1.15	1.55	3.245	O				3.65
23.500	1.14	1.53	3.243	O				3.65
23.583	1.13	1.51	3.240	O				3.64
23.667	1.13	1.49	3.238	O				3.64
23.750	1.12	1.48	3.235	O				3.64
23.833	1.11	1.46	3.233	O				3.64
23.917	1.10	1.44	3.230	O				3.64
24.000	1.10	1.43	3.228	O				3.64
24.083	1.03	1.41	3.225	O				3.63
24.167	0.68	1.39	3.222	O				3.63
24.250	0.37	1.35	3.216	O				3.63
24.333	0.24	1.30	3.209	O				3.62
24.417	0.17	1.25	3.202	O				3.62
24.500	0.12	1.20	3.194	O				3.61
24.583	0.08	1.15	3.187	O				3.61
24.667	0.06	1.10	3.179	O				3.60
24.750	0.04	1.06	3.172	O				3.60
24.833	0.03	1.01	3.165	O				3.59
24.917	0.02	0.96	3.159	O				3.59
25.000	0.01	0.92	3.152	O				3.58
25.083	0.01	0.88	3.146	O				3.58
25.167	0.00	0.84	3.140	O				3.58
25.250	0.00	0.80	3.135	O				3.57
25.333	0.00	0.77	3.129	O				3.57
25.417	0.00	0.73	3.124	O				3.56
25.500	0.00	0.70	3.119	O				3.56
25.583	0.00	0.67	3.114	O				3.56
25.667	0.00	0.64	3.110	O				3.55
25.750	0.00	0.61	3.106	O				3.55
25.833	0.00	0.58	3.102	O				3.55
25.917	0.00	0.55	3.098	O				3.55
26.000	0.00	0.53	3.094	O				3.54
26.083	0.00	0.51	3.090	O				3.54
26.167	0.00	0.48	3.087	O				3.54
26.250	0.00	0.46	3.084	O				3.54
26.333	0.00	0.44	3.081	O				3.53
26.417	0.00	0.42	3.078	O				3.53
26.500	0.00	0.40	3.075	O				3.53
26.583	0.00	0.38	3.072	O				3.53
26.667	0.00	0.37	3.070	O				3.53
26.750	0.00	0.35	3.067	O				3.53
26.833	0.00	0.33	3.065	O				3.52
26.917	0.00	0.32	3.063	O				3.52
27.000	0.00	0.30	3.060	O				3.52
27.083	0.00	0.29	3.058	O				3.52
27.167	0.00	0.28	3.056	O				3.52

27.250	0.00	0.26	3.055	O				3.52
27.333	0.00	0.25	3.053	O				3.52
27.417	0.00	0.24	3.051	O				3.51
27.500	0.00	0.23	3.049	O				3.51
27.583	0.00	0.22	3.048	O				3.51
27.667	0.00	0.21	3.046	O				3.51
27.750	0.00	0.20	3.045	O				3.51
27.833	0.00	0.19	3.044	O				3.51
27.917	0.00	0.18	3.042	O				3.51
28.000	0.00	0.17	3.041	O				3.51
28.083	0.00	0.17	3.040	O				3.51
28.167	0.00	0.16	3.039	O				3.51
28.250	0.00	0.15	3.038	O				3.51
28.333	0.00	0.15	3.037	O				3.50
28.417	0.00	0.14	3.036	O				3.50
28.500	0.00	0.13	3.035	O				3.50
28.583	0.00	0.13	3.034	O				3.50
28.667	0.00	0.12	3.033	O				3.50
28.750	0.00	0.12	3.032	O				3.50
28.833	0.00	0.11	3.031	O				3.50
28.917	0.00	0.10	3.031	O				3.50
29.000	0.00	0.10	3.030	O				3.50
29.083	0.00	0.10	3.029	O				3.50
29.167	0.00	0.10	3.029	O				3.50
29.250	0.00	0.10	3.028	O				3.49
29.333	0.00	0.10	3.027	O				3.49
29.417	0.00	0.10	3.027	O				3.49
29.500	0.00	0.10	3.026	O				3.49
29.583	0.00	0.10	3.025	O				3.49
29.667	0.00	0.10	3.025	O				3.49
29.750	0.00	0.10	3.024	O				3.48
29.833	0.00	0.10	3.023	O				3.48
29.917	0.00	0.10	3.022	O				3.48
30.000	0.00	0.10	3.022	O				3.48
30.083	0.00	0.10	3.021	O				3.48
30.167	0.00	0.10	3.020	O				3.48
30.250	0.00	0.10	3.020	O				3.47
30.333	0.00	0.10	3.019	O				3.47
30.417	0.00	0.10	3.018	O				3.47
30.500	0.00	0.10	3.018	O				3.47
30.583	0.00	0.10	3.017	O				3.47
30.667	0.00	0.10	3.016	O				3.47
30.750	0.00	0.10	3.016	O				3.46
30.833	0.00	0.10	3.015	O				3.46
30.917	0.00	0.10	3.014	O				3.46
31.000	0.00	0.10	3.013	O				3.46
31.083	0.00	0.10	3.013	O				3.46
31.167	0.00	0.10	3.012	O				3.46
31.250	0.00	0.10	3.011	O				3.45
31.333	0.00	0.10	3.011	O				3.45

31.417	0.00	0.10	3.010	O					3.45
31.500	0.00	0.10	3.009	O					3.45
31.583	0.00	0.10	3.009	O					3.45
31.667	0.00	0.10	3.008	O					3.44
31.750	0.00	0.10	3.007	O					3.44
31.833	0.00	0.10	3.007	O					3.44
31.917	0.00	0.10	3.006	O					3.44
32.000	0.00	0.10	3.005	O					3.44
32.083	0.00	0.10	3.005	O					3.44
32.167	0.00	0.10	3.004	O					3.43
32.250	0.00	0.10	3.003	O					3.43
32.333	0.00	0.10	3.002	O					3.43
32.417	0.00	0.10	3.002	O					3.43
32.500	0.00	0.10	3.001	O					3.43
32.583	0.00	0.10	3.000	O					3.43
32.667	0.00	0.10	3.000	O					3.42
32.750	0.00	0.10	2.999	O					3.42
32.833	0.00	0.10	2.998	O					3.42
32.917	0.00	0.10	2.998	O					3.42
33.000	0.00	0.10	2.997	O					3.42
33.083	0.00	0.10	2.996	O					3.42
33.167	0.00	0.10	2.996	O					3.41
33.250	0.00	0.10	2.995	O					3.41
33.333	0.00	0.10	2.994	O					3.41
33.417	0.00	0.10	2.994	O					3.41
33.500	0.00	0.10	2.993	O					3.41
33.583	0.00	0.10	2.992	O					3.41
33.667	0.00	0.10	2.991	O					3.40
33.750	0.00	0.10	2.991	O					3.40
33.833	0.00	0.10	2.990	O					3.40
33.917	0.00	0.10	2.989	O					3.40
34.000	0.00	0.10	2.989	O					3.40
34.083	0.00	0.10	2.988	O					3.40
34.167	0.00	0.10	2.987	O					3.39
34.250	0.00	0.10	2.987	O					3.39
34.333	0.00	0.10	2.986	O					3.39
34.417	0.00	0.10	2.985	O					3.39
34.500	0.00	0.10	2.985	O					3.39
34.583	0.00	0.10	2.984	O					3.38
34.667	0.00	0.10	2.983	O					3.38
34.750	0.00	0.10	2.983	O					3.38
34.833	0.00	0.10	2.982	O					3.38
34.917	0.00	0.10	2.981	O					3.38
35.000	0.00	0.10	2.980	O					3.38
35.083	0.00	0.10	2.980	O					3.37
35.167	0.00	0.10	2.979	O					3.37
35.250	0.00	0.10	2.978	O					3.37
35.333	0.00	0.10	2.978	O					3.37
35.417	0.00	0.10	2.977	O					3.37
35.500	0.00	0.10	2.976	O					3.37

35.583	0.00	0.10	2.976	O				3.36
35.667	0.00	0.10	2.975	O				3.36
35.750	0.00	0.10	2.974	O				3.36
35.833	0.00	0.10	2.974	O				3.36
35.917	0.00	0.10	2.973	O				3.36
36.000	0.00	0.10	2.972	O				3.36
36.083	0.00	0.10	2.971	O				3.35
36.167	0.00	0.10	2.971	O				3.35
36.250	0.00	0.10	2.970	O				3.35
36.333	0.00	0.10	2.969	O				3.35
36.417	0.00	0.10	2.969	O				3.35
36.500	0.00	0.10	2.968	O				3.35
36.583	0.00	0.10	2.967	O				3.34
36.667	0.00	0.10	2.967	O				3.34
36.750	0.00	0.10	2.966	O				3.34
36.833	0.00	0.10	2.965	O				3.34
36.917	0.00	0.10	2.965	O				3.34
37.000	0.00	0.10	2.964	O				3.33
37.083	0.00	0.10	2.963	O				3.33
37.167	0.00	0.10	2.963	O				3.33
37.250	0.00	0.10	2.962	O				3.33
37.333	0.00	0.10	2.961	O				3.33
37.417	0.00	0.10	2.960	O				3.33
37.500	0.00	0.10	2.960	O				3.32
37.583	0.00	0.10	2.959	O				3.32
37.667	0.00	0.10	2.958	O				3.32
37.750	0.00	0.10	2.958	O				3.32
37.833	0.00	0.10	2.957	O				3.32
37.917	0.00	0.10	2.956	O				3.32
38.000	0.00	0.10	2.956	O				3.31
38.083	0.00	0.10	2.955	O				3.31
38.167	0.00	0.10	2.954	O				3.31
38.250	0.00	0.10	2.954	O				3.31
38.333	0.00	0.10	2.953	O				3.31
38.417	0.00	0.10	2.952	O				3.31
38.500	0.00	0.10	2.952	O				3.30
38.583	0.00	0.10	2.951	O				3.30
38.667	0.00	0.10	2.950	O				3.30
38.750	0.00	0.10	2.949	O				3.30
38.833	0.00	0.10	2.949	O				3.30
38.917	0.00	0.10	2.948	O				3.30
39.000	0.00	0.10	2.947	O				3.29
39.083	0.00	0.10	2.947	O				3.29
39.167	0.00	0.10	2.946	O				3.29
39.250	0.00	0.10	2.945	O				3.29
39.333	0.00	0.10	2.945	O				3.29
39.417	0.00	0.10	2.944	O				3.28
39.500	0.00	0.10	2.943	O				3.28
39.583	0.00	0.10	2.943	O				3.28
39.667	0.00	0.10	2.942	O				3.28

39.750	0.00	0.10	2.941	O				3.28
39.833	0.00	0.10	2.940	O				3.28
39.917	0.00	0.10	2.940	O				3.27
40.000	0.00	0.10	2.939	O				3.27
40.083	0.00	0.10	2.938	O				3.27
40.167	0.00	0.10	2.938	O				3.27
40.250	0.00	0.10	2.937	O				3.27
40.333	0.00	0.10	2.936	O				3.27
40.417	0.00	0.10	2.936	O				3.26
40.500	0.00	0.10	2.935	O				3.26
40.583	0.00	0.10	2.934	O				3.26
40.667	0.00	0.10	2.934	O				3.26
40.750	0.00	0.10	2.933	O				3.26
40.833	0.00	0.10	2.932	O				3.26
40.917	0.00	0.10	2.932	O				3.25
41.000	0.00	0.10	2.931	O				3.25
41.083	0.00	0.10	2.930	O				3.25
41.167	0.00	0.10	2.929	O				3.25
41.250	0.00	0.10	2.929	O				3.25
41.333	0.00	0.10	2.928	O				3.25
41.417	0.00	0.10	2.927	O				3.24
41.500	0.00	0.10	2.927	O				3.24
41.583	0.00	0.10	2.926	O				3.24
41.667	0.00	0.10	2.925	O				3.24
41.750	0.00	0.10	2.925	O				3.24
41.833	0.00	0.10	2.924	O				3.23
41.917	0.00	0.10	2.923	O				3.23
42.000	0.00	0.10	2.923	O				3.23
42.083	0.00	0.10	2.922	O				3.23
42.167	0.00	0.10	2.921	O				3.23
42.250	0.00	0.10	2.921	O				3.23
42.333	0.00	0.10	2.920	O				3.22
42.417	0.00	0.10	2.919	O				3.22
42.500	0.00	0.10	2.918	O				3.22
42.583	0.00	0.10	2.918	O				3.22
42.667	0.00	0.10	2.917	O				3.22
42.750	0.00	0.10	2.916	O				3.22
42.833	0.00	0.10	2.916	O				3.21
42.917	0.00	0.10	2.915	O				3.21
43.000	0.00	0.10	2.914	O				3.21
43.083	0.00	0.10	2.914	O				3.21
43.167	0.00	0.10	2.913	O				3.21
43.250	0.00	0.10	2.912	O				3.21
43.333	0.00	0.10	2.912	O				3.20
43.417	0.00	0.10	2.911	O				3.20
43.500	0.00	0.10	2.910	O				3.20
43.583	0.00	0.10	2.910	O				3.20
43.667	0.00	0.10	2.909	O				3.20
43.750	0.00	0.10	2.908	O				3.20
43.833	0.00	0.10	2.907	O				3.19

43.917	0.00	0.10	2.907	O				3.19
44.000	0.00	0.10	2.906	O				3.19
44.083	0.00	0.10	2.905	O				3.19
44.167	0.00	0.10	2.905	O				3.19
44.250	0.00	0.10	2.904	O				3.18
44.333	0.00	0.10	2.903	O				3.18
44.417	0.00	0.10	2.903	O				3.18
44.500	0.00	0.10	2.902	O				3.18
44.583	0.00	0.10	2.901	O				3.18
44.667	0.00	0.10	2.901	O				3.18
44.750	0.00	0.10	2.900	O				3.17
44.833	0.00	0.10	2.899	O				3.17
44.917	0.00	0.10	2.898	O				3.17
45.000	0.00	0.10	2.898	O				3.17
45.083	0.00	0.10	2.897	O				3.17
45.167	0.00	0.10	2.896	O				3.17
45.250	0.00	0.10	2.896	O				3.16
45.333	0.00	0.10	2.895	O				3.16
45.417	0.00	0.10	2.894	O				3.16
45.500	0.00	0.10	2.894	O				3.16
45.583	0.00	0.10	2.893	O				3.16
45.667	0.00	0.10	2.892	O				3.16
45.750	0.00	0.10	2.892	O				3.15
45.833	0.00	0.10	2.891	O				3.15
45.917	0.00	0.10	2.890	O				3.15
46.000	0.00	0.10	2.890	O				3.15
46.083	0.00	0.10	2.889	O				3.15
46.167	0.00	0.10	2.888	O				3.15
46.250	0.00	0.10	2.887	O				3.14
46.333	0.00	0.10	2.887	O				3.14
46.417	0.00	0.10	2.886	O				3.14
46.500	0.00	0.10	2.885	O				3.14
46.583	0.00	0.10	2.885	O				3.14
46.667	0.00	0.10	2.884	O				3.14
46.750	0.00	0.10	2.883	O				3.13
46.833	0.00	0.10	2.883	O				3.13
46.917	0.00	0.10	2.882	O				3.13
47.000	0.00	0.10	2.881	O				3.13
47.083	0.00	0.10	2.881	O				3.13
47.167	0.00	0.10	2.880	O				3.12
47.250	0.00	0.10	2.879	O				3.12
47.333	0.00	0.10	2.879	O				3.12
47.417	0.00	0.10	2.878	O				3.12
47.500	0.00	0.10	2.877	O				3.12
47.583	0.00	0.10	2.876	O				3.12
47.667	0.00	0.10	2.876	O				3.11
47.750	0.00	0.10	2.875	O				3.11
47.833	0.00	0.10	2.874	O				3.11
47.917	0.00	0.10	2.874	O				3.11
48.000	0.00	0.10	2.873	O				3.11

48.083	0.00	0.10	2.872	O				3.11
48.167	0.00	0.10	2.872	O				3.10
48.250	0.00	0.10	2.871	O				3.10
48.333	0.00	0.10	2.870	O				3.10
48.417	0.00	0.10	2.870	O				3.10
48.500	0.00	0.10	2.869	O				3.10
48.583	0.00	0.10	2.868	O				3.10
48.667	0.00	0.10	2.867	O				3.09
48.750	0.00	0.10	2.867	O				3.09
48.833	0.00	0.10	2.866	O				3.09
48.917	0.00	0.10	2.865	O				3.09
49.000	0.00	0.10	2.865	O				3.09
49.083	0.00	0.10	2.864	O				3.09
49.167	0.00	0.10	2.863	O				3.08
49.250	0.00	0.10	2.863	O				3.08
49.333	0.00	0.10	2.862	O				3.08
49.417	0.00	0.10	2.861	O				3.08
49.500	0.00	0.10	2.861	O				3.08
49.583	0.00	0.10	2.860	O				3.07
49.667	0.00	0.10	2.859	O				3.07
49.750	0.00	0.10	2.859	O				3.07
49.833	0.00	0.10	2.858	O				3.07
49.917	0.00	0.10	2.857	O				3.07
50.000	0.00	0.10	2.856	O				3.07
50.083	0.00	0.10	2.856	O				3.06
50.167	0.00	0.10	2.855	O				3.06
50.250	0.00	0.10	2.854	O				3.06
50.333	0.00	0.10	2.854	O				3.06
50.417	0.00	0.10	2.853	O				3.06
50.500	0.00	0.10	2.852	O				3.06
50.583	0.00	0.10	2.852	O				3.05
50.667	0.00	0.10	2.851	O				3.05
50.750	0.00	0.10	2.850	O				3.05
50.833	0.00	0.10	2.850	O				3.05
50.917	0.00	0.10	2.849	O				3.05
51.000	0.00	0.10	2.848	O				3.05
51.083	0.00	0.10	2.848	O				3.04
51.167	0.00	0.10	2.847	O				3.04
51.250	0.00	0.10	2.846	O				3.04
51.333	0.00	0.10	2.845	O				3.04
51.417	0.00	0.10	2.845	O				3.04
51.500	0.00	0.10	2.844	O				3.04
51.583	0.00	0.10	2.843	O				3.03
51.667	0.00	0.10	2.843	O				3.03
51.750	0.00	0.10	2.842	O				3.03
51.833	0.00	0.10	2.841	O				3.03
51.917	0.00	0.10	2.841	O				3.03
52.000	0.00	0.10	2.840	O				3.02
52.083	0.00	0.10	2.839	O				3.02
52.167	0.00	0.10	2.839	O				3.02

52.250	0.00	0.10	2.838	O	|	|	|	3.02
52.333	0.00	0.10	2.837	O	|	|	|	3.02
52.417	0.00	0.10	2.837	O	|	|	|	3.02
52.500	0.00	0.10	2.836	O	|	|	|	3.01
52.583	0.00	0.10	2.835	O	|	|	|	3.01
52.667	0.00	0.10	2.834	O	|	|	|	3.01
52.750	0.00	0.10	2.834	O	|	|	|	3.01
52.833	0.00	0.10	2.833	O	|	|	|	3.01
52.917	0.00	0.10	2.832	O	|	|	|	3.01
53.000	0.00	0.10	2.832	O	|	|	|	3.00
53.083	0.00	0.10	2.831	O	|	|	|	3.00
53.167	0.00	0.10	2.830	O	|	|	|	3.00
53.250	0.00	0.10	2.830	O	|	|	|	3.00
53.333	0.00	0.10	2.829	O	|	|	|	3.00
53.417	0.00	0.10	2.828	O	|	|	|	3.00
53.500	0.00	0.10	2.828	O	|	|	|	3.00
53.583	0.00	0.10	2.827	O	|	|	|	3.00
53.667	0.00	0.10	2.826	O	|	|	|	3.00
53.750	0.00	0.10	2.825	O	|	|	|	3.00
53.833	0.00	0.10	2.825	O	|	|	|	2.99
53.917	0.00	0.10	2.824	O	|	|	|	2.99
54.000	0.00	0.10	2.823	O	|	|	|	2.99
54.083	0.00	0.10	2.823	O	|	|	|	2.99
54.167	0.00	0.10	2.822	O	|	|	|	2.99
54.250	0.00	0.10	2.821	O	|	|	|	2.99
54.333	0.00	0.10	2.821	O	|	|	|	2.99
54.417	0.00	0.10	2.820	O	|	|	|	2.99
54.500	0.00	0.10	2.819	O	|	|	|	2.99
54.583	0.00	0.10	2.819	O	|	|	|	2.99
54.667	0.00	0.10	2.818	O	|	|	|	2.99
54.750	0.00	0.10	2.817	O	|	|	|	2.99
54.833	0.00	0.10	2.817	O	|	|	|	2.99
54.917	0.00	0.10	2.816	O	|	|	|	2.98
55.000	0.00	0.10	2.815	O	|	|	|	2.98
55.083	0.00	0.10	2.814	O	|	|	|	2.98
55.167	0.00	0.10	2.814	O	|	|	|	2.98
55.250	0.00	0.10	2.813	O	|	|	|	2.98
55.333	0.00	0.10	2.812	O	|	|	|	2.98
55.417	0.00	0.10	2.812	O	|	|	|	2.98
55.500	0.00	0.10	2.811	O	|	|	|	2.98
55.583	0.00	0.10	2.810	O	|	|	|	2.98
55.667	0.00	0.10	2.810	O	|	|	|	2.98
55.750	0.00	0.10	2.809	O	|	|	|	2.98
55.833	0.00	0.10	2.808	O	|	|	|	2.98
55.917	0.00	0.10	2.808	O	|	|	|	2.98
56.000	0.00	0.10	2.807	O	|	|	|	2.98
56.083	0.00	0.10	2.806	O	|	|	|	2.97
56.167	0.00	0.10	2.806	O	|	|	|	2.97
56.250	0.00	0.10	2.805	O	|	|	|	2.97
56.333	0.00	0.10	2.804	O	|	|	|	2.97

56.417	0.00	0.10	2.803	O					2.97
56.500	0.00	0.10	2.803	O					2.97
56.583	0.00	0.10	2.802	O					2.97
56.667	0.00	0.10	2.801	O					2.97
56.750	0.00	0.10	2.801	O					2.97
56.833	0.00	0.10	2.800	O					2.97
56.917	0.00	0.10	2.799	O					2.97
57.000	0.00	0.10	2.799	O					2.97
57.083	0.00	0.10	2.798	O					2.97
57.167	0.00	0.10	2.797	O					2.97
57.250	0.00	0.10	2.797	O					2.96
57.333	0.00	0.10	2.796	O					2.96
57.417	0.00	0.10	2.795	O					2.96
57.500	0.00	0.10	2.794	O					2.96
57.583	0.00	0.10	2.794	O					2.96
57.667	0.00	0.10	2.793	O					2.96
57.750	0.00	0.10	2.792	O					2.96
57.833	0.00	0.10	2.792	O					2.96
57.917	0.00	0.10	2.791	O					2.96
58.000	0.00	0.10	2.790	O					2.96
58.083	0.00	0.10	2.790	O					2.96
58.167	0.00	0.10	2.789	O					2.96
58.250	0.00	0.10	2.788	O					2.96
58.333	0.00	0.10	2.788	O					2.95
58.417	0.00	0.10	2.787	O					2.95
58.500	0.00	0.10	2.786	O					2.95
58.583	0.00	0.10	2.786	O					2.95
58.667	0.00	0.10	2.785	O					2.95
58.750	0.00	0.10	2.784	O					2.95
58.833	0.00	0.10	2.783	O					2.95
58.917	0.00	0.10	2.783	O					2.95
59.000	0.00	0.10	2.782	O					2.95
59.083	0.00	0.10	2.781	O					2.95
59.167	0.00	0.10	2.781	O					2.95
59.250	0.00	0.10	2.780	O					2.95
59.333	0.00	0.10	2.779	O					2.95
59.417	0.00	0.10	2.779	O					2.95
59.500	0.00	0.10	2.778	O					2.94
59.583	0.00	0.10	2.777	O					2.94
59.667	0.00	0.10	2.777	O					2.94
59.750	0.00	0.10	2.776	O					2.94
59.833	0.00	0.10	2.775	O					2.94
59.917	0.00	0.10	2.775	O					2.94
60.000	0.00	0.10	2.774	O					2.94
60.083	0.00	0.10	2.773	O					2.94
60.167	0.00	0.10	2.772	O					2.94
60.250	0.00	0.10	2.772	O					2.94
60.333	0.00	0.10	2.771	O					2.94
60.417	0.00	0.10	2.770	O					2.94
60.500	0.00	0.10	2.770	O					2.94

60.583	0.00	0.10	2.769	O				2.94
60.667	0.00	0.10	2.768	O				2.93
60.750	0.00	0.10	2.768	O				2.93
60.833	0.00	0.10	2.767	O				2.93
60.917	0.00	0.10	2.766	O				2.93
61.000	0.00	0.10	2.766	O				2.93
61.083	0.00	0.10	2.765	O				2.93
61.167	0.00	0.10	2.764	O				2.93
61.250	0.00	0.10	2.763	O				2.93
61.333	0.00	0.10	2.763	O				2.93
61.417	0.00	0.10	2.762	O				2.93
61.500	0.00	0.10	2.761	O				2.93
61.583	0.00	0.10	2.761	O				2.93
61.667	0.00	0.10	2.760	O				2.93
61.750	0.00	0.10	2.759	O				2.92
61.833	0.00	0.10	2.759	O				2.92
61.917	0.00	0.10	2.758	O				2.92
62.000	0.00	0.10	2.757	O				2.92
62.083	0.00	0.10	2.757	O				2.92
62.167	0.00	0.10	2.756	O				2.92
62.250	0.00	0.10	2.755	O				2.92
62.333	0.00	0.10	2.755	O				2.92
62.417	0.00	0.10	2.754	O				2.92
62.500	0.00	0.10	2.753	O				2.92
62.583	0.00	0.10	2.752	O				2.92
62.667	0.00	0.10	2.752	O				2.92
62.750	0.00	0.10	2.751	O				2.92
62.833	0.00	0.10	2.750	O				2.92
62.917	0.00	0.10	2.750	O				2.91
63.000	0.00	0.10	2.749	O				2.91
63.083	0.00	0.10	2.748	O				2.91
63.167	0.00	0.10	2.748	O				2.91
63.250	0.00	0.10	2.747	O				2.91
63.333	0.00	0.10	2.746	O				2.91
63.417	0.00	0.10	2.746	O				2.91
63.500	0.00	0.10	2.745	O				2.91
63.583	0.00	0.10	2.744	O				2.91
63.667	0.00	0.10	2.744	O				2.91
63.750	0.00	0.10	2.743	O				2.91
63.833	0.00	0.10	2.742	O				2.91
63.917	0.00	0.10	2.741	O				2.91
64.000	0.00	0.10	2.741	O				2.91
64.083	0.00	0.10	2.740	O				2.90
64.167	0.00	0.10	2.739	O				2.90
64.250	0.00	0.10	2.739	O				2.90
64.333	0.00	0.10	2.738	O				2.90
64.417	0.00	0.10	2.737	O				2.90
64.500	0.00	0.10	2.737	O				2.90
64.583	0.00	0.10	2.736	O				2.90
64.667	0.00	0.10	2.735	O				2.90

64.750	0.00	0.10	2.735	O				2.90
64.833	0.00	0.10	2.734	O				2.90
64.917	0.00	0.10	2.733	O				2.90
65.000	0.00	0.10	2.733	O				2.90
65.083	0.00	0.10	2.732	O				2.90
65.167	0.00	0.10	2.731	O				2.89
65.250	0.00	0.10	2.730	O				2.89
65.333	0.00	0.10	2.730	O				2.89
65.417	0.00	0.10	2.729	O				2.89
65.500	0.00	0.10	2.728	O				2.89
65.583	0.00	0.10	2.728	O				2.89
65.667	0.00	0.10	2.727	O				2.89
65.750	0.00	0.10	2.726	O				2.89
65.833	0.00	0.10	2.726	O				2.89
65.917	0.00	0.10	2.725	O				2.89
66.000	0.00	0.10	2.724	O				2.89
66.083	0.00	0.10	2.724	O				2.89
66.167	0.00	0.10	2.723	O				2.89
66.250	0.00	0.10	2.722	O				2.89
66.333	0.00	0.10	2.721	O				2.88
66.417	0.00	0.10	2.721	O				2.88
66.500	0.00	0.10	2.720	O				2.88
66.583	0.00	0.10	2.719	O				2.88
66.667	0.00	0.10	2.719	O				2.88
66.750	0.00	0.10	2.718	O				2.88
66.833	0.00	0.10	2.717	O				2.88
66.917	0.00	0.10	2.717	O				2.88
67.000	0.00	0.10	2.716	O				2.88
67.083	0.00	0.10	2.715	O				2.88
67.167	0.00	0.10	2.715	O				2.88
67.250	0.00	0.10	2.714	O				2.88
67.333	0.00	0.10	2.713	O				2.88
67.417	0.00	0.10	2.713	O				2.88
67.500	0.00	0.10	2.712	O				2.87
67.583	0.00	0.10	2.711	O				2.87
67.667	0.00	0.10	2.710	O				2.87
67.750	0.00	0.10	2.710	O				2.87
67.833	0.00	0.10	2.709	O				2.87
67.917	0.00	0.10	2.708	O				2.87
68.000	0.00	0.10	2.708	O				2.87
68.083	0.00	0.10	2.707	O				2.87
68.167	0.00	0.10	2.706	O				2.87
68.250	0.00	0.10	2.706	O				2.87
68.333	0.00	0.10	2.705	O				2.87
68.417	0.00	0.10	2.704	O				2.87
68.500	0.00	0.10	2.704	O				2.87
68.583	0.00	0.10	2.703	O				2.86
68.667	0.00	0.10	2.702	O				2.86
68.750	0.00	0.10	2.702	O				2.86
68.833	0.00	0.10	2.701	O				2.86

68.917	0.00	0.10	2.700	O				2.86
69.000	0.00	0.10	2.699	O				2.86
69.083	0.00	0.10	2.699	O				2.86
69.167	0.00	0.10	2.698	O				2.86
69.250	0.00	0.10	2.697	O				2.86
69.333	0.00	0.10	2.697	O				2.86
69.417	0.00	0.10	2.696	O				2.86
69.500	0.00	0.10	2.695	O				2.86
69.583	0.00	0.10	2.695	O				2.86
69.667	0.00	0.10	2.694	O				2.86
69.750	0.00	0.10	2.693	O				2.85
69.833	0.00	0.10	2.693	O				2.85
69.917	0.00	0.10	2.692	O				2.85
70.000	0.00	0.10	2.691	O				2.85
70.083	0.00	0.10	2.690	O				2.85
70.167	0.00	0.10	2.690	O				2.85
70.250	0.00	0.10	2.689	O				2.85
70.333	0.00	0.10	2.688	O				2.85
70.417	0.00	0.10	2.688	O				2.85
70.500	0.00	0.10	2.687	O				2.85
70.583	0.00	0.10	2.686	O				2.85
70.667	0.00	0.10	2.686	O				2.85
70.750	0.00	0.10	2.685	O				2.85
70.833	0.00	0.10	2.684	O				2.84
70.917	0.00	0.10	2.684	O				2.84
71.000	0.00	0.10	2.683	O				2.84
71.083	0.00	0.10	2.682	O				2.84
71.167	0.00	0.10	2.682	O				2.84
71.250	0.00	0.10	2.681	O				2.84
71.333	0.00	0.10	2.680	O				2.84
71.417	0.00	0.10	2.679	O				2.84
71.500	0.00	0.10	2.679	O				2.84
71.583	0.00	0.10	2.678	O				2.84
71.667	0.00	0.10	2.677	O				2.84
71.750	0.00	0.10	2.677	O				2.84
71.833	0.00	0.10	2.676	O				2.84
71.917	0.00	0.10	2.675	O				2.84
72.000	0.00	0.10	2.675	O				2.83
72.083	0.00	0.10	2.674	O				2.83
72.167	0.00	0.10	2.673	O				2.83
72.250	0.00	0.10	2.673	O				2.83
72.333	0.00	0.10	2.672	O				2.83
72.417	0.00	0.10	2.671	O				2.83
72.500	0.00	0.10	2.671	O				2.83
72.583	0.00	0.10	2.670	O				2.83
72.667	0.00	0.10	2.669	O				2.83
72.750	0.00	0.10	2.668	O				2.83
72.833	0.00	0.10	2.668	O				2.83
72.917	0.00	0.10	2.667	O				2.83
73.000	0.00	0.10	2.666	O				2.83

73.083	0.00	0.10	2.666	O				2.83
73.167	0.00	0.10	2.665	O				2.82
73.250	0.00	0.10	2.664	O				2.82
73.333	0.00	0.10	2.664	O				2.82
73.417	0.00	0.10	2.663	O				2.82
73.500	0.00	0.10	2.662	O				2.82
73.583	0.00	0.10	2.662	O				2.82
73.667	0.00	0.10	2.661	O				2.82
73.750	0.00	0.10	2.660	O				2.82
73.833	0.00	0.10	2.660	O				2.82
73.917	0.00	0.10	2.659	O				2.82
74.000	0.00	0.10	2.658	O				2.82
74.083	0.00	0.10	2.657	O				2.82
74.167	0.00	0.10	2.657	O				2.82
74.250	0.00	0.10	2.656	O				2.81
74.333	0.00	0.10	2.655	O				2.81
74.417	0.00	0.10	2.655	O				2.81
74.500	0.00	0.10	2.654	O				2.81
74.583	0.00	0.10	2.653	O				2.81
74.667	0.00	0.10	2.653	O				2.81
74.750	0.00	0.10	2.652	O				2.81
74.833	0.00	0.10	2.651	O				2.81
74.917	0.00	0.10	2.651	O				2.81
75.000	0.00	0.10	2.650	O				2.81
75.083	0.00	0.10	2.649	O				2.81
75.167	0.00	0.10	2.648	O				2.81
75.250	0.00	0.10	2.648	O				2.81
75.333	0.00	0.10	2.647	O				2.81
75.417	0.00	0.10	2.646	O				2.80
75.500	0.00	0.10	2.646	O				2.80
75.583	0.00	0.10	2.645	O				2.80
75.667	0.00	0.10	2.644	O				2.80
75.750	0.00	0.10	2.644	O				2.80
75.833	0.00	0.10	2.643	O				2.80
75.917	0.00	0.10	2.642	O				2.80
76.000	0.00	0.10	2.642	O				2.80
76.083	0.00	0.10	2.641	O				2.80
76.167	0.00	0.10	2.640	O				2.80
76.250	0.00	0.10	2.640	O				2.80
76.333	0.00	0.10	2.639	O				2.80
76.417	0.00	0.10	2.638	O				2.80
76.500	0.00	0.10	2.637	O				2.80
76.583	0.00	0.10	2.637	O				2.79
76.667	0.00	0.10	2.636	O				2.79
76.750	0.00	0.10	2.635	O				2.79
76.833	0.00	0.10	2.635	O				2.79
76.917	0.00	0.10	2.634	O				2.79
77.000	0.00	0.10	2.633	O				2.79
77.083	0.00	0.10	2.633	O				2.79
77.167	0.00	0.10	2.632	O				2.79

77.250	0.00	0.10	2.631	O				2.79
77.333	0.00	0.10	2.631	O				2.79
77.417	0.00	0.10	2.630	O				2.79
77.500	0.00	0.10	2.629	O				2.79
77.583	0.00	0.10	2.629	O				2.79
77.667	0.00	0.10	2.628	O				2.78
77.750	0.00	0.10	2.627	O				2.78
77.833	0.00	0.10	2.626	O				2.78
77.917	0.00	0.10	2.626	O				2.78
78.000	0.00	0.10	2.625	O				2.78
78.083	0.00	0.10	2.624	O				2.78
78.167	0.00	0.10	2.624	O				2.78
78.250	0.00	0.10	2.623	O				2.78
78.333	0.00	0.10	2.622	O				2.78
78.417	0.00	0.10	2.622	O				2.78
78.500	0.00	0.10	2.621	O				2.78
78.583	0.00	0.10	2.620	O				2.78
78.667	0.00	0.10	2.620	O				2.78
78.750	0.00	0.10	2.619	O				2.78
78.833	0.00	0.10	2.618	O				2.77
78.917	0.00	0.10	2.617	O				2.77
79.000	0.00	0.10	2.617	O				2.77
79.083	0.00	0.10	2.616	O				2.77
79.167	0.00	0.10	2.615	O				2.77
79.250	0.00	0.10	2.615	O				2.77
79.333	0.00	0.10	2.614	O				2.77
79.417	0.00	0.10	2.613	O				2.77
79.500	0.00	0.10	2.613	O				2.77
79.583	0.00	0.10	2.612	O				2.77
79.667	0.00	0.10	2.611	O				2.77
79.750	0.00	0.10	2.611	O				2.77
79.833	0.00	0.10	2.610	O				2.77
79.917	0.00	0.10	2.609	O				2.77
80.000	0.00	0.10	2.609	O				2.76
80.083	0.00	0.10	2.608	O				2.76
80.167	0.00	0.10	2.607	O				2.76
80.250	0.00	0.10	2.606	O				2.76
80.333	0.00	0.10	2.606	O				2.76
80.417	0.00	0.10	2.605	O				2.76
80.500	0.00	0.10	2.604	O				2.76
80.583	0.00	0.10	2.604	O				2.76
80.667	0.00	0.10	2.603	O				2.76
80.750	0.00	0.10	2.602	O				2.76
80.833	0.00	0.10	2.602	O				2.76
80.917	0.00	0.10	2.601	O				2.76
81.000	0.00	0.10	2.600	O				2.76
81.083	0.00	0.10	2.600	O				2.75
81.167	0.00	0.10	2.599	O				2.75
81.250	0.00	0.10	2.598	O				2.75
81.333	0.00	0.10	2.598	O				2.75

81.417	0.00	0.10	2.597	O				2.75
81.500	0.00	0.10	2.596	O				2.75
81.583	0.00	0.10	2.595	O				2.75
81.667	0.00	0.10	2.595	O				2.75
81.750	0.00	0.10	2.594	O				2.75
81.833	0.00	0.10	2.593	O				2.75
81.917	0.00	0.10	2.593	O				2.75
82.000	0.00	0.10	2.592	O				2.75
82.083	0.00	0.10	2.591	O				2.75
82.167	0.00	0.10	2.591	O				2.75
82.250	0.00	0.10	2.590	O				2.74
82.333	0.00	0.10	2.589	O				2.74
82.417	0.00	0.10	2.589	O				2.74
82.500	0.00	0.10	2.588	O				2.74
82.583	0.00	0.10	2.587	O				2.74
82.667	0.00	0.10	2.587	O				2.74
82.750	0.00	0.10	2.586	O				2.74
82.833	0.00	0.10	2.585	O				2.74
82.917	0.00	0.10	2.584	O				2.74
83.000	0.00	0.10	2.584	O				2.74
83.083	0.00	0.10	2.583	O				2.74
83.167	0.00	0.10	2.582	O				2.74
83.250	0.00	0.10	2.582	O				2.74
83.333	0.00	0.10	2.581	O				2.74
83.417	0.00	0.10	2.580	O				2.73
83.500	0.00	0.10	2.580	O				2.73
83.583	0.00	0.10	2.579	O				2.73
83.667	0.00	0.10	2.578	O				2.73
83.750	0.00	0.10	2.578	O				2.73
83.833	0.00	0.10	2.577	O				2.73
83.917	0.00	0.10	2.576	O				2.73
84.000	0.00	0.10	2.575	O				2.73
84.083	0.00	0.10	2.575	O				2.73
84.167	0.00	0.10	2.574	O				2.73
84.250	0.00	0.10	2.573	O				2.73
84.333	0.00	0.10	2.573	O				2.73
84.417	0.00	0.10	2.572	O				2.73
84.500	0.00	0.10	2.571	O				2.72
84.583	0.00	0.10	2.571	O				2.72
84.667	0.00	0.10	2.570	O				2.72
84.750	0.00	0.10	2.569	O				2.72
84.833	0.00	0.10	2.569	O				2.72
84.917	0.00	0.10	2.568	O				2.72
85.000	0.00	0.10	2.567	O				2.72
85.083	0.00	0.10	2.567	O				2.72
85.167	0.00	0.10	2.566	O				2.72
85.250	0.00	0.10	2.565	O				2.72
85.333	0.00	0.10	2.564	O				2.72
85.417	0.00	0.10	2.564	O				2.72
85.500	0.00	0.10	2.563	O				2.72

85.583	0.00	0.10	2.562	O					2.72
85.667	0.00	0.10	2.562	O					2.71
85.750	0.00	0.10	2.561	O					2.71
85.833	0.00	0.10	2.560	O					2.71
85.917	0.00	0.10	2.560	O					2.71
86.000	0.00	0.10	2.559	O					2.71
86.083	0.00	0.10	2.558	O					2.71
86.167	0.00	0.10	2.558	O					2.71
86.250	0.00	0.10	2.557	O					2.71
86.333	0.00	0.10	2.556	O					2.71
86.417	0.00	0.10	2.556	O					2.71
86.500	0.00	0.10	2.555	O					2.71
86.583	0.00	0.10	2.554	O					2.71
86.667	0.00	0.10	2.553	O					2.71
86.750	0.00	0.10	2.553	O					2.71
86.833	0.00	0.10	2.552	O					2.70
86.917	0.00	0.10	2.551	O					2.70
87.000	0.00	0.10	2.551	O					2.70
87.083	0.00	0.10	2.550	O					2.70
87.167	0.00	0.10	2.549	O					2.70
87.250	0.00	0.10	2.549	O					2.70
87.333	0.00	0.10	2.548	O					2.70
87.417	0.00	0.10	2.547	O					2.70
87.500	0.00	0.10	2.547	O					2.70
87.583	0.00	0.10	2.546	O					2.70
87.667	0.00	0.10	2.545	O					2.70
87.750	0.00	0.10	2.544	O					2.70
87.833	0.00	0.10	2.544	O					2.70
87.917	0.00	0.10	2.543	O					2.69
88.000	0.00	0.10	2.542	O					2.69
88.083	0.00	0.10	2.542	O					2.69
88.167	0.00	0.10	2.541	O					2.69
88.250	0.00	0.10	2.540	O					2.69
88.333	0.00	0.10	2.540	O					2.69
88.417	0.00	0.10	2.539	O					2.69
88.500	0.00	0.10	2.538	O					2.69
88.583	0.00	0.10	2.538	O					2.69
88.667	0.00	0.10	2.537	O					2.69
88.750	0.00	0.10	2.536	O					2.69
88.833	0.00	0.10	2.536	O					2.69
88.917	0.00	0.10	2.535	O					2.69
89.000	0.00	0.10	2.534	O					2.69
89.083	0.00	0.10	2.533	O					2.68
89.167	0.00	0.10	2.533	O					2.68
89.250	0.00	0.10	2.532	O					2.68
89.333	0.00	0.10	2.531	O					2.68
89.417	0.00	0.10	2.531	O					2.68
89.500	0.00	0.10	2.530	O					2.68
89.583	0.00	0.10	2.529	O					2.68
89.667	0.00	0.10	2.529	O					2.68

89.750	0.00	0.10	2.528	O					2.68
89.833	0.00	0.10	2.527	O					2.68
89.917	0.00	0.10	2.527	O					2.68
90.000	0.00	0.10	2.526	O					2.68
90.083	0.00	0.10	2.525	O					2.68
90.167	0.00	0.10	2.525	O					2.68
90.250	0.00	0.10	2.524	O					2.67
90.333	0.00	0.10	2.523	O					2.67
90.417	0.00	0.10	2.522	O					2.67
90.500	0.00	0.10	2.522	O					2.67
90.583	0.00	0.10	2.521	O					2.67
90.667	0.00	0.10	2.520	O					2.67
90.750	0.00	0.10	2.520	O					2.67
90.833	0.00	0.10	2.519	O					2.67
90.917	0.00	0.10	2.518	O					2.67
91.000	0.00	0.10	2.518	O					2.67
91.083	0.00	0.10	2.517	O					2.67
91.167	0.00	0.10	2.516	O					2.67
91.250	0.00	0.10	2.516	O					2.67
91.333	0.00	0.10	2.515	O					2.66
91.417	0.00	0.10	2.514	O					2.66
91.500	0.00	0.10	2.513	O					2.66
91.583	0.00	0.10	2.513	O					2.66
91.667	0.00	0.10	2.512	O					2.66
91.750	0.00	0.10	2.511	O					2.66
91.833	0.00	0.10	2.511	O					2.66
91.917	0.00	0.10	2.510	O					2.66
92.000	0.00	0.10	2.509	O					2.66
92.083	0.00	0.10	2.509	O					2.66
92.167	0.00	0.10	2.508	O					2.66
92.250	0.00	0.10	2.507	O					2.66
92.333	0.00	0.10	2.507	O					2.66
92.417	0.00	0.10	2.506	O					2.66
92.500	0.00	0.10	2.505	O					2.65
92.583	0.00	0.10	2.505	O					2.65
92.667	0.00	0.10	2.504	O					2.65
92.750	0.00	0.10	2.503	O					2.65
92.833	0.00	0.10	2.502	O					2.65
92.917	0.00	0.10	2.502	O					2.65
93.000	0.00	0.10	2.501	O					2.65
93.083	0.00	0.10	2.500	O					2.65
93.167	0.00	0.10	2.500	O					2.65
93.250	0.00	0.10	2.499	O					2.65
93.333	0.00	0.10	2.498	O					2.65
93.417	0.00	0.10	2.498	O					2.65
93.500	0.00	0.10	2.497	O					2.65
93.583	0.00	0.10	2.496	O					2.64
93.667	0.00	0.10	2.496	O					2.64
93.750	0.00	0.10	2.495	O					2.64
93.833	0.00	0.10	2.494	O					2.64

93.917	0.00	0.10	2.494	O					2.64
94.000	0.00	0.10	2.493	O					2.64
94.083	0.00	0.10	2.492	O					2.64
94.167	0.00	0.10	2.491	O					2.64
94.250	0.00	0.10	2.491	O					2.64
94.333	0.00	0.10	2.490	O					2.64
94.417	0.00	0.10	2.489	O					2.64
94.500	0.00	0.10	2.489	O					2.64
94.583	0.00	0.10	2.488	O					2.64
94.667	0.00	0.10	2.487	O					2.64
94.750	0.00	0.10	2.487	O					2.63
94.833	0.00	0.10	2.486	O					2.63
94.917	0.00	0.10	2.485	O					2.63
95.000	0.00	0.10	2.485	O					2.63
95.083	0.00	0.10	2.484	O					2.63
95.167	0.00	0.10	2.483	O					2.63
95.250	0.00	0.10	2.483	O					2.63
95.333	0.00	0.10	2.482	O					2.63
95.417	0.00	0.10	2.481	O					2.63
95.500	0.00	0.10	2.480	O					2.63
95.583	0.00	0.10	2.480	O					2.63
95.667	0.00	0.10	2.479	O					2.63
95.750	0.00	0.10	2.478	O					2.63
95.833	0.00	0.10	2.478	O					2.63
95.917	0.00	0.10	2.477	O					2.62
96.000	0.00	0.10	2.476	O					2.62
96.083	0.00	0.10	2.476	O					2.62
96.167	0.00	0.10	2.475	O					2.62
96.250	0.00	0.10	2.474	O					2.62
96.333	0.00	0.10	2.474	O					2.62
96.417	0.00	0.10	2.473	O					2.62
96.500	0.00	0.10	2.472	O					2.62
96.583	0.00	0.10	2.471	O					2.62
96.667	0.00	0.10	2.471	O					2.62
96.750	0.00	0.10	2.470	O					2.62
96.833	0.00	0.10	2.469	O					2.62
96.917	0.00	0.10	2.469	O					2.62
97.000	0.00	0.10	2.468	O					2.61
97.083	0.00	0.10	2.467	O					2.61
97.167	0.00	0.10	2.467	O					2.61
97.250	0.00	0.10	2.466	O					2.61
97.333	0.00	0.10	2.465	O					2.61
97.417	0.00	0.10	2.465	O					2.61
97.500	0.00	0.10	2.464	O					2.61
97.583	0.00	0.10	2.463	O					2.61
97.667	0.00	0.10	2.463	O					2.61
97.750	0.00	0.10	2.462	O					2.61
97.833	0.00	0.10	2.461	O					2.61
97.917	0.00	0.10	2.460	O					2.61
98.000	0.00	0.10	2.460	O					2.61

98.083	0.00	0.10	2.459	O					2.61
98.167	0.00	0.10	2.458	O					2.60
98.250	0.00	0.10	2.458	O					2.60
98.333	0.00	0.10	2.457	O					2.60
98.417	0.00	0.10	2.456	O					2.60
98.500	0.00	0.10	2.456	O					2.60
98.583	0.00	0.10	2.455	O					2.60
98.667	0.00	0.10	2.454	O					2.60
98.750	0.00	0.10	2.454	O					2.60
98.833	0.00	0.10	2.453	O					2.60
98.917	0.00	0.10	2.452	O					2.60
99.000	0.00	0.10	2.452	O					2.60
99.083	0.00	0.10	2.451	O					2.60
99.167	0.00	0.10	2.450	O					2.60
99.250	0.00	0.10	2.449	O					2.60
99.333	0.00	0.10	2.449	O					2.59
99.417	0.00	0.10	2.448	O					2.59
99.500	0.00	0.10	2.447	O					2.59
99.583	0.00	0.10	2.447	O					2.59
99.667	0.00	0.10	2.446	O					2.59
99.750	0.00	0.10	2.445	O					2.59
99.833	0.00	0.10	2.445	O					2.59
99.917	0.00	0.10	2.444	O					2.59
100.000	0.00	0.10	2.443	O					2.59
100.083	0.00	0.10	2.443	O					2.59
100.167	0.00	0.10	2.442	O					2.59
100.250	0.00	0.10	2.441	O					2.59
100.333	0.00	0.10	2.440	O					2.59
100.417	0.00	0.10	2.440	O					2.58
100.500	0.00	0.10	2.439	O					2.58
100.583	0.00	0.10	2.438	O					2.58
100.667	0.00	0.10	2.438	O					2.58
100.750	0.00	0.10	2.437	O					2.58
100.833	0.00	0.10	2.436	O					2.58
100.917	0.00	0.10	2.436	O					2.58
101.000	0.00	0.10	2.435	O					2.58
101.083	0.00	0.10	2.434	O					2.58
101.167	0.00	0.10	2.434	O					2.58
101.250	0.00	0.10	2.433	O					2.58
101.333	0.00	0.10	2.432	O					2.58
101.417	0.00	0.10	2.432	O					2.58
101.500	0.00	0.10	2.431	O					2.58
101.583	0.00	0.10	2.430	O					2.57
101.667	0.00	0.10	2.429	O					2.57
101.750	0.00	0.10	2.429	O					2.57
101.833	0.00	0.10	2.428	O					2.57
101.917	0.00	0.10	2.427	O					2.57
102.000	0.00	0.10	2.427	O					2.57
102.083	0.00	0.10	2.426	O					2.57
102.167	0.00	0.10	2.425	O					2.57

102.250	0.00	0.10	2.425	O					2.57
102.333	0.00	0.10	2.424	O					2.57
102.417	0.00	0.10	2.423	O					2.57
102.500	0.00	0.10	2.423	O					2.57
102.583	0.00	0.10	2.422	O					2.57
102.667	0.00	0.10	2.421	O					2.57
102.750	0.00	0.10	2.421	O					2.56
102.833	0.00	0.10	2.420	O					2.56
102.917	0.00	0.10	2.419	O					2.56
103.000	0.00	0.10	2.418	O					2.56
103.083	0.00	0.10	2.418	O					2.56
103.167	0.00	0.10	2.417	O					2.56
103.250	0.00	0.10	2.416	O					2.56
103.333	0.00	0.10	2.416	O					2.56
103.417	0.00	0.10	2.415	O					2.56
103.500	0.00	0.10	2.414	O					2.56
103.583	0.00	0.10	2.414	O					2.56
103.667	0.00	0.10	2.413	O					2.56
103.750	0.00	0.10	2.412	O					2.56
103.833	0.00	0.10	2.412	O					2.55
103.917	0.00	0.10	2.411	O					2.55
104.000	0.00	0.10	2.410	O					2.55
104.083	0.00	0.10	2.410	O					2.55
104.167	0.00	0.10	2.409	O					2.55
104.250	0.00	0.10	2.408	O					2.55
104.333	0.00	0.10	2.407	O					2.55
104.417	0.00	0.10	2.407	O					2.55
104.500	0.00	0.10	2.406	O					2.55
104.583	0.00	0.10	2.405	O					2.55
104.667	0.00	0.10	2.405	O					2.55
104.750	0.00	0.10	2.404	O					2.55
104.833	0.00	0.10	2.403	O					2.55
104.917	0.00	0.10	2.403	O					2.55
105.000	0.00	0.10	2.402	O					2.54
105.083	0.00	0.10	2.401	O					2.54
105.167	0.00	0.10	2.401	O					2.54
105.250	0.00	0.10	2.400	O					2.54
105.333	0.00	0.10	2.399	O					2.54
105.417	0.00	0.10	2.398	O					2.54
105.500	0.00	0.10	2.398	O					2.54
105.583	0.00	0.10	2.397	O					2.54
105.667	0.00	0.10	2.396	O					2.54
105.750	0.00	0.10	2.396	O					2.54
105.833	0.00	0.10	2.395	O					2.54
105.917	0.00	0.10	2.394	O					2.54
106.000	0.00	0.10	2.394	O					2.54
106.083	0.00	0.10	2.393	O					2.54
106.167	0.00	0.10	2.392	O					2.53
106.250	0.00	0.10	2.392	O					2.53
106.333	0.00	0.10	2.391	O					2.53

106.417	0.00	0.10	2.390	O				2.53
106.500	0.00	0.10	2.390	O				2.53
106.583	0.00	0.10	2.389	O				2.53
106.667	0.00	0.10	2.388	O				2.53
106.750	0.00	0.10	2.387	O				2.53
106.833	0.00	0.10	2.387	O				2.53
106.917	0.00	0.10	2.386	O				2.53
107.000	0.00	0.10	2.385	O				2.53
107.083	0.00	0.10	2.385	O				2.53
107.167	0.00	0.10	2.384	O				2.53
107.250	0.00	0.10	2.383	O				2.52
107.333	0.00	0.10	2.383	O				2.52
107.417	0.00	0.10	2.382	O				2.52
107.500	0.00	0.10	2.381	O				2.52
107.583	0.00	0.10	2.381	O				2.52
107.667	0.00	0.10	2.380	O				2.52
107.750	0.00	0.10	2.379	O				2.52
107.833	0.00	0.10	2.379	O				2.52
107.917	0.00	0.10	2.378	O				2.52
108.000	0.00	0.10	2.377	O				2.52
108.083	0.00	0.10	2.376	O				2.52
108.167	0.00	0.10	2.376	O				2.52
108.250	0.00	0.10	2.375	O				2.52
108.333	0.00	0.10	2.374	O				2.52
108.417	0.00	0.10	2.374	O				2.51
108.500	0.00	0.10	2.373	O				2.51
108.583	0.00	0.10	2.372	O				2.51
108.667	0.00	0.10	2.372	O				2.51
108.750	0.00	0.10	2.371	O				2.51
108.833	0.00	0.10	2.370	O				2.51
108.917	0.00	0.10	2.370	O				2.51
109.000	0.00	0.10	2.369	O				2.51
109.083	0.00	0.10	2.368	O				2.51
109.167	0.00	0.10	2.367	O				2.51
109.250	0.00	0.10	2.367	O				2.51
109.333	0.00	0.10	2.366	O				2.51
109.417	0.00	0.10	2.365	O				2.51
109.500	0.00	0.10	2.365	O				2.51
109.583	0.00	0.10	2.364	O				2.50
109.667	0.00	0.10	2.363	O				2.50
109.750	0.00	0.10	2.363	O				2.50
109.833	0.00	0.10	2.362	O				2.50
109.917	0.00	0.10	2.361	O				2.50
110.000	0.00	0.10	2.361	O				2.50
110.083	0.00	0.10	2.360	O				2.50
110.167	0.00	0.10	2.359	O				2.50
110.250	0.00	0.10	2.359	O				2.50
110.333	0.00	0.10	2.358	O				2.50
110.417	0.00	0.10	2.357	O				2.50
110.500	0.00	0.10	2.356	O				2.50

110.583	0.00	0.10	2.356	O	|	|	|	2.50
110.667	0.00	0.10	2.355	O	|	|	|	2.49
110.750	0.00	0.10	2.354	O	|	|	|	2.49
110.833	0.00	0.10	2.354	O	|	|	|	2.49
110.917	0.00	0.10	2.353	O	|	|	|	2.49
111.000	0.00	0.10	2.352	O	|	|	|	2.49
111.083	0.00	0.10	2.352	O	|	|	|	2.49
111.167	0.00	0.10	2.351	O	|	|	|	2.49
111.250	0.00	0.10	2.350	O	|	|	|	2.49
111.333	0.00	0.10	2.350	O	|	|	|	2.49
111.417	0.00	0.10	2.349	O	|	|	|	2.49
111.500	0.00	0.10	2.348	O	|	|	|	2.49
111.583	0.00	0.10	2.348	O	|	|	|	2.49
111.667	0.00	0.10	2.347	O	|	|	|	2.49
111.750	0.00	0.10	2.346	O	|	|	|	2.49
111.833	0.00	0.10	2.346	O	|	|	|	2.48
111.917	0.00	0.10	2.345	O	|	|	|	2.48
112.000	0.00	0.10	2.344	O	|	|	|	2.48
112.083	0.00	0.10	2.344	O	|	|	|	2.48
112.167	0.00	0.10	2.343	O	|	|	|	2.48
112.250	0.00	0.10	2.342	O	|	|	|	2.48
112.333	0.00	0.10	2.342	O	|	|	|	2.48
112.417	0.00	0.10	2.341	O	|	|	|	2.48
112.500	0.00	0.10	2.340	O	|	|	|	2.48
112.583	0.00	0.10	2.340	O	|	|	|	2.48
112.667	0.00	0.10	2.339	O	|	|	|	2.48
112.750	0.00	0.10	2.338	O	|	|	|	2.48
112.833	0.00	0.10	2.338	O	|	|	|	2.48
112.917	0.00	0.10	2.337	O	|	|	|	2.48
113.000	0.00	0.10	2.336	O	|	|	|	2.47
113.083	0.00	0.10	2.336	O	|	|	|	2.47
113.167	0.00	0.10	2.335	O	|	|	|	2.47
113.250	0.00	0.10	2.334	O	|	|	|	2.47
113.333	0.00	0.09	2.334	O	|	|	|	2.47
113.417	0.00	0.09	2.333	O	|	|	|	2.47
113.500	0.00	0.09	2.332	O	|	|	|	2.47
113.583	0.00	0.09	2.332	O	|	|	|	2.47
113.667	0.00	0.09	2.331	O	|	|	|	2.47
113.750	0.00	0.09	2.330	O	|	|	|	2.47
113.833	0.00	0.09	2.330	O	|	|	|	2.47
113.917	0.00	0.09	2.329	O	|	|	|	2.47
114.000	0.00	0.09	2.329	O	|	|	|	2.47
114.083	0.00	0.09	2.328	O	|	|	|	2.47
114.167	0.00	0.09	2.327	O	|	|	|	2.47
114.250	0.00	0.09	2.327	O	|	|	|	2.46
114.333	0.00	0.09	2.326	O	|	|	|	2.46
114.417	0.00	0.09	2.325	O	|	|	|	2.46
114.500	0.00	0.09	2.325	O	|	|	|	2.46
114.583	0.00	0.09	2.324	O	|	|	|	2.46
114.667	0.00	0.09	2.323	O	|	|	|	2.46

114.750	0.00	0.09	2.323	O				2.46
114.833	0.00	0.09	2.322	O				2.46
114.917	0.00	0.09	2.321	O				2.46
115.000	0.00	0.09	2.321	O				2.46
115.083	0.00	0.09	2.320	O				2.46
115.167	0.00	0.09	2.320	O				2.46
115.250	0.00	0.09	2.319	O				2.46
115.333	0.00	0.09	2.318	O				2.46
115.417	0.00	0.09	2.318	O				2.45
115.500	0.00	0.09	2.317	O				2.45
115.583	0.00	0.09	2.316	O				2.45
115.667	0.00	0.09	2.316	O				2.45
115.750	0.00	0.09	2.315	O				2.45
115.833	0.00	0.09	2.315	O				2.45
115.917	0.00	0.09	2.314	O				2.45
116.000	0.00	0.09	2.313	O				2.45
116.083	0.00	0.09	2.313	O				2.45
116.167	0.00	0.09	2.312	O				2.45
116.250	0.00	0.09	2.311	O				2.45
116.333	0.00	0.09	2.311	O				2.45
116.417	0.00	0.09	2.310	O				2.45
116.500	0.00	0.09	2.309	O				2.45
116.583	0.00	0.09	2.309	O				2.45
116.667	0.00	0.09	2.308	O				2.44
116.750	0.00	0.09	2.308	O				2.44
116.833	0.00	0.09	2.307	O				2.44
116.917	0.00	0.09	2.306	O				2.44
117.000	0.00	0.09	2.306	O				2.44
117.083	0.00	0.09	2.305	O				2.44
117.167	0.00	0.09	2.305	O				2.44
117.250	0.00	0.09	2.304	O				2.44
117.333	0.00	0.09	2.303	O				2.44
117.417	0.00	0.09	2.303	O				2.44
117.500	0.00	0.09	2.302	O				2.44
117.583	0.00	0.09	2.301	O				2.44
117.667	0.00	0.09	2.301	O				2.44
117.750	0.00	0.09	2.300	O				2.44
117.833	0.00	0.09	2.300	O				2.44
117.917	0.00	0.09	2.299	O				2.44
118.000	0.00	0.09	2.298	O				2.43
118.083	0.00	0.09	2.298	O				2.43
118.167	0.00	0.09	2.297	O				2.43
118.250	0.00	0.09	2.297	O				2.43
118.333	0.00	0.09	2.296	O				2.43
118.417	0.00	0.09	2.295	O				2.43
118.500	0.00	0.09	2.295	O				2.43
118.583	0.00	0.09	2.294	O				2.43
118.667	0.00	0.09	2.294	O				2.43
118.750	0.00	0.09	2.293	O				2.43
118.833	0.00	0.09	2.292	O				2.43

118.917	0.00	0.09	2.292	O				2.43
119.000	0.00	0.09	2.291	O				2.43
119.083	0.00	0.09	2.291	O				2.43
119.167	0.00	0.09	2.290	O				2.43
119.250	0.00	0.09	2.289	O				2.42
119.333	0.00	0.09	2.289	O				2.42
119.417	0.00	0.09	2.288	O				2.42
119.500	0.00	0.09	2.288	O				2.42
119.583	0.00	0.09	2.287	O				2.42
119.667	0.00	0.09	2.286	O				2.42
119.750	0.00	0.09	2.286	O				2.42
119.833	0.00	0.09	2.285	O				2.42
119.917	0.00	0.09	2.285	O				2.42
120.000	0.00	0.09	2.284	O				2.42
120.083	0.00	0.09	2.283	O				2.42
120.167	0.00	0.09	2.283	O				2.42
120.250	0.00	0.09	2.282	O				2.42
120.333	0.00	0.09	2.282	O				2.42
120.417	0.00	0.08	2.281	O				2.42
120.500	0.00	0.08	2.281	O				2.42
120.583	0.00	0.08	2.280	O				2.41
120.667	0.00	0.08	2.279	O				2.41
120.750	0.00	0.08	2.279	O				2.41
120.833	0.00	0.08	2.278	O				2.41
120.917	0.00	0.08	2.278	O				2.41
121.000	0.00	0.08	2.277	O				2.41
121.083	0.00	0.08	2.276	O				2.41
121.167	0.00	0.08	2.276	O				2.41
121.250	0.00	0.08	2.275	O				2.41
121.333	0.00	0.08	2.275	O				2.41
121.417	0.00	0.08	2.274	O				2.41
121.500	0.00	0.08	2.274	O				2.41
121.583	0.00	0.08	2.273	O				2.41
121.667	0.00	0.08	2.272	O				2.41
121.750	0.00	0.08	2.272	O				2.41
121.833	0.00	0.08	2.271	O				2.41
121.917	0.00	0.08	2.271	O				2.41
122.000	0.00	0.08	2.270	O				2.40
122.083	0.00	0.08	2.270	O				2.40
122.167	0.00	0.08	2.269	O				2.40
122.250	0.00	0.08	2.268	O				2.40
122.333	0.00	0.08	2.268	O				2.40
122.417	0.00	0.08	2.267	O				2.40
122.500	0.00	0.08	2.267	O				2.40
122.583	0.00	0.08	2.266	O				2.40
122.667	0.00	0.08	2.266	O				2.40
122.750	0.00	0.08	2.265	O				2.40
122.833	0.00	0.08	2.265	O				2.40
122.917	0.00	0.08	2.264	O				2.40
123.000	0.00	0.08	2.263	O				2.40

123.083	0.00	0.08	2.263	O				2.40
123.167	0.00	0.08	2.262	O				2.40
123.250	0.00	0.08	2.262	O				2.40
123.333	0.00	0.08	2.261	O				2.39
123.417	0.00	0.08	2.261	O				2.39
123.500	0.00	0.08	2.260	O				2.39
123.583	0.00	0.08	2.259	O				2.39
123.667	0.00	0.08	2.259	O				2.39
123.750	0.00	0.08	2.258	O				2.39
123.833	0.00	0.08	2.258	O				2.39
123.917	0.00	0.08	2.257	O				2.39
124.000	0.00	0.08	2.257	O				2.39
124.083	0.00	0.08	2.256	O				2.39
124.167	0.00	0.08	2.256	O				2.39
124.250	0.00	0.08	2.255	O				2.39
124.333	0.00	0.08	2.255	O				2.39
124.417	0.00	0.08	2.254	O				2.39
124.500	0.00	0.08	2.253	O				2.39
124.583	0.00	0.08	2.253	O				2.39
124.667	0.00	0.08	2.252	O				2.39
124.750	0.00	0.08	2.252	O				2.38
124.833	0.00	0.08	2.251	O				2.38
124.917	0.00	0.08	2.251	O				2.38
125.000	0.00	0.08	2.250	O				2.38
125.083	0.00	0.08	2.250	O				2.38
125.167	0.00	0.08	2.249	O				2.38
125.250	0.00	0.08	2.248	O				2.38
125.333	0.00	0.08	2.248	O				2.38
125.417	0.00	0.08	2.247	O				2.38
125.500	0.00	0.08	2.247	O				2.38
125.583	0.00	0.08	2.246	O				2.38
125.667	0.00	0.08	2.246	O				2.38
125.750	0.00	0.08	2.245	O				2.38
125.833	0.00	0.08	2.245	O				2.38
125.917	0.00	0.08	2.244	O				2.38
126.000	0.00	0.08	2.244	O				2.38
126.083	0.00	0.08	2.243	O				2.38
126.167	0.00	0.08	2.243	O				2.38
126.250	0.00	0.08	2.242	O				2.37
126.333	0.00	0.08	2.242	O				2.37
126.417	0.00	0.08	2.241	O				2.37
126.500	0.00	0.08	2.240	O				2.37
126.583	0.00	0.08	2.240	O				2.37
126.667	0.00	0.08	2.239	O				2.37
126.750	0.00	0.08	2.239	O				2.37
126.833	0.00	0.08	2.238	O				2.37
126.917	0.00	0.08	2.238	O				2.37
127.000	0.00	0.08	2.237	O				2.37
127.083	0.00	0.08	2.237	O				2.37
127.167	0.00	0.08	2.236	O				2.37

127.250	0.00	0.08	2.236	O				2.37
127.333	0.00	0.08	2.235	O				2.37
127.417	0.00	0.08	2.235	O				2.37
127.500	0.00	0.08	2.234	O				2.37
127.583	0.00	0.08	2.234	O				2.37
127.667	0.00	0.08	2.233	O				2.36
127.750	0.00	0.08	2.233	O				2.36
127.833	0.00	0.08	2.232	O				2.36
127.917	0.00	0.08	2.232	O				2.36
128.000	0.00	0.08	2.231	O				2.36
128.083	0.00	0.08	2.230	O				2.36
128.167	0.00	0.08	2.230	O				2.36
128.250	0.00	0.08	2.229	O				2.36
128.333	0.00	0.07	2.229	O				2.36
128.417	0.00	0.07	2.228	O				2.36
128.500	0.00	0.07	2.228	O				2.36
128.583	0.00	0.07	2.227	O				2.36
128.667	0.00	0.07	2.227	O				2.36
128.750	0.00	0.07	2.226	O				2.36
128.833	0.00	0.07	2.226	O				2.36
128.917	0.00	0.07	2.225	O				2.36
129.000	0.00	0.07	2.225	O				2.36
129.083	0.00	0.07	2.224	O				2.36
129.167	0.00	0.07	2.224	O				2.36
129.250	0.00	0.07	2.223	O				2.35
129.333	0.00	0.07	2.223	O				2.35
129.417	0.00	0.07	2.222	O				2.35
129.500	0.00	0.07	2.222	O				2.35
129.583	0.00	0.07	2.221	O				2.35
129.667	0.00	0.07	2.221	O				2.35
129.750	0.00	0.07	2.220	O				2.35
129.833	0.00	0.07	2.220	O				2.35
129.917	0.00	0.07	2.219	O				2.35
130.000	0.00	0.07	2.219	O				2.35
130.083	0.00	0.07	2.218	O				2.35
130.167	0.00	0.07	2.218	O				2.35
130.250	0.00	0.07	2.217	O				2.35
130.333	0.00	0.07	2.217	O				2.35
130.417	0.00	0.07	2.216	O				2.35
130.500	0.00	0.07	2.216	O				2.35
130.583	0.00	0.07	2.215	O				2.35
130.667	0.00	0.07	2.215	O				2.35
130.750	0.00	0.07	2.214	O				2.34
130.833	0.00	0.07	2.214	O				2.34
130.917	0.00	0.07	2.213	O				2.34
131.000	0.00	0.07	2.213	O				2.34
131.083	0.00	0.07	2.212	O				2.34
131.167	0.00	0.07	2.212	O				2.34
131.250	0.00	0.07	2.211	O				2.34
131.333	0.00	0.07	2.211	O				2.34

131.417	0.00	0.07	2.210	O					2.34
131.500	0.00	0.07	2.210	O					2.34
131.583	0.00	0.07	2.209	O					2.34
131.667	0.00	0.07	2.209	O					2.34
131.750	0.00	0.07	2.208	O					2.34
131.833	0.00	0.07	2.208	O					2.34
131.917	0.00	0.07	2.207	O					2.34
132.000	0.00	0.07	2.207	O					2.34
132.083	0.00	0.07	2.206	O					2.34
132.167	0.00	0.07	2.206	O					2.34
132.250	0.00	0.07	2.205	O					2.34
132.333	0.00	0.07	2.205	O					2.34
132.417	0.00	0.07	2.204	O					2.33
132.500	0.00	0.07	2.204	O					2.33
132.583	0.00	0.07	2.203	O					2.33
132.667	0.00	0.07	2.203	O					2.33
132.750	0.00	0.07	2.203	O					2.33
132.833	0.00	0.07	2.202	O					2.33
132.917	0.00	0.07	2.202	O					2.33
133.000	0.00	0.07	2.201	O					2.33
133.083	0.00	0.07	2.201	O					2.33
133.167	0.00	0.07	2.200	O					2.33
133.250	0.00	0.07	2.200	O					2.33
133.333	0.00	0.07	2.199	O					2.33
133.417	0.00	0.07	2.199	O					2.33
133.500	0.00	0.07	2.198	O					2.33
133.583	0.00	0.07	2.198	O					2.33
133.667	0.00	0.07	2.197	O					2.33
133.750	0.00	0.07	2.197	O					2.33
133.833	0.00	0.07	2.196	O					2.33
133.917	0.00	0.07	2.196	O					2.33
134.000	0.00	0.07	2.195	O					2.32
134.083	0.00	0.07	2.195	O					2.32
134.167	0.00	0.07	2.194	O					2.32
134.250	0.00	0.07	2.194	O					2.32
134.333	0.00	0.07	2.194	O					2.32
134.417	0.00	0.07	2.193	O					2.32
134.500	0.00	0.07	2.193	O					2.32
134.583	0.00	0.07	2.192	O					2.32
134.667	0.00	0.07	2.192	O					2.32
134.750	0.00	0.07	2.191	O					2.32
134.833	0.00	0.07	2.191	O					2.32
134.917	0.00	0.07	2.190	O					2.32
135.000	0.00	0.07	2.190	O					2.32
135.083	0.00	0.07	2.189	O					2.32
135.167	0.00	0.07	2.189	O					2.32
135.250	0.00	0.07	2.188	O					2.32
135.333	0.00	0.07	2.188	O					2.32
135.417	0.00	0.07	2.187	O					2.32
135.500	0.00	0.07	2.187	O					2.32

135.583	0.00	0.07	2.187	O				2.32
135.667	0.00	0.07	2.186	O				2.31
135.750	0.00	0.07	2.186	O				2.31
135.833	0.00	0.07	2.185	O				2.31
135.917	0.00	0.07	2.185	O				2.31
136.000	0.00	0.07	2.184	O				2.31
136.083	0.00	0.07	2.184	O				2.31
136.167	0.00	0.07	2.183	O				2.31
136.250	0.00	0.07	2.183	O				2.31
136.333	0.00	0.07	2.182	O				2.31
136.417	0.00	0.07	2.182	O				2.31
136.500	0.00	0.07	2.182	O				2.31
136.583	0.00	0.07	2.181	O				2.31
136.667	0.00	0.07	2.181	O				2.31
136.750	0.00	0.07	2.180	O				2.31
136.833	0.00	0.07	2.180	O				2.31
136.917	0.00	0.07	2.179	O				2.31
137.000	0.00	0.07	2.179	O				2.31
137.083	0.00	0.07	2.178	O				2.31
137.167	0.00	0.07	2.178	O				2.31
137.250	0.00	0.07	2.177	O				2.31
137.333	0.00	0.06	2.177	O				2.31
137.417	0.00	0.06	2.177	O				2.30
137.500	0.00	0.06	2.176	O				2.30
137.583	0.00	0.06	2.176	O				2.30
137.667	0.00	0.06	2.175	O				2.30
137.750	0.00	0.06	2.175	O				2.30
137.833	0.00	0.06	2.174	O				2.30
137.917	0.00	0.06	2.174	O				2.30
138.000	0.00	0.06	2.173	O				2.30
138.083	0.00	0.06	2.173	O				2.30
138.167	0.00	0.06	2.173	O				2.30
138.250	0.00	0.06	2.172	O				2.30
138.333	0.00	0.06	2.172	O				2.30
138.417	0.00	0.06	2.171	O				2.30
138.500	0.00	0.06	2.171	O				2.30
138.583	0.00	0.06	2.170	O				2.30
138.667	0.00	0.06	2.170	O				2.30
138.750	0.00	0.06	2.169	O				2.30
138.833	0.00	0.06	2.169	O				2.30
138.917	0.00	0.06	2.169	O				2.30
139.000	0.00	0.06	2.168	O				2.30
139.083	0.00	0.06	2.168	O				2.30
139.167	0.00	0.06	2.167	O				2.30
139.250	0.00	0.06	2.167	O				2.29
139.333	0.00	0.06	2.166	O				2.29
139.417	0.00	0.06	2.166	O				2.29
139.500	0.00	0.06	2.166	O				2.29
139.583	0.00	0.06	2.165	O				2.29
139.667	0.00	0.06	2.165	O				2.29

139.750	0.00	0.06	2.164	O				2.29
139.833	0.00	0.06	2.164	O				2.29
139.917	0.00	0.06	2.163	O				2.29
140.000	0.00	0.06	2.163	O				2.29
140.083	0.00	0.06	2.163	O				2.29
140.167	0.00	0.06	2.162	O				2.29
140.250	0.00	0.06	2.162	O				2.29
140.333	0.00	0.06	2.161	O				2.29
140.417	0.00	0.06	2.161	O				2.29
140.500	0.00	0.06	2.160	O				2.29
140.583	0.00	0.06	2.160	O				2.29
140.667	0.00	0.06	2.160	O				2.29
140.750	0.00	0.06	2.159	O				2.29
140.833	0.00	0.06	2.159	O				2.29
140.917	0.00	0.06	2.158	O				2.29
141.000	0.00	0.06	2.158	O				2.28
141.083	0.00	0.06	2.157	O				2.28
141.167	0.00	0.06	2.157	O				2.28
141.250	0.00	0.06	2.157	O				2.28
141.333	0.00	0.06	2.156	O				2.28
141.417	0.00	0.06	2.156	O				2.28
141.500	0.00	0.06	2.155	O				2.28
141.583	0.00	0.06	2.155	O				2.28
141.667	0.00	0.06	2.155	O				2.28
141.750	0.00	0.06	2.154	O				2.28
141.833	0.00	0.06	2.154	O				2.28
141.917	0.00	0.06	2.153	O				2.28
142.000	0.00	0.06	2.153	O				2.28
142.083	0.00	0.06	2.152	O				2.28
142.167	0.00	0.06	2.152	O				2.28
142.250	0.00	0.06	2.152	O				2.28
142.333	0.00	0.06	2.151	O				2.28
142.417	0.00	0.06	2.151	O				2.28
142.500	0.00	0.06	2.150	O				2.28
142.583	0.00	0.06	2.150	O				2.28
142.667	0.00	0.06	2.150	O				2.28
142.750	0.00	0.06	2.149	O				2.28
142.833	0.00	0.06	2.149	O				2.28
142.917	0.00	0.06	2.148	O				2.27
143.000	0.00	0.06	2.148	O				2.27
143.083	0.00	0.06	2.148	O				2.27
143.167	0.00	0.06	2.147	O				2.27
143.250	0.00	0.06	2.147	O				2.27
143.333	0.00	0.06	2.146	O				2.27
143.417	0.00	0.06	2.146	O				2.27
143.500	0.00	0.06	2.145	O				2.27
143.583	0.00	0.06	2.145	O				2.27
143.667	0.00	0.06	2.145	O				2.27
143.750	0.00	0.06	2.144	O				2.27
143.833	0.00	0.06	2.144	O				2.27

143.917	0.00	0.06	2.143	O				2.27
144.000	0.00	0.06	2.143	O				2.27
144.083	0.00	0.06	2.143	O				2.27
144.167	0.00	0.06	2.142	O				2.27
144.250	0.00	0.06	2.142	O				2.27
144.333	0.00	0.06	2.141	O				2.27
144.417	0.00	0.06	2.141	O				2.27
144.500	0.00	0.06	2.141	O				2.27
144.583	0.00	0.06	2.140	O				2.27
144.667	0.00	0.06	2.140	O				2.27
144.750	0.00	0.06	2.139	O				2.27
144.833	0.00	0.06	2.139	O				2.26
144.917	0.00	0.06	2.139	O				2.26
145.000	0.00	0.06	2.138	O				2.26
145.083	0.00	0.06	2.138	O				2.26
145.167	0.00	0.06	2.137	O				2.26
145.250	0.00	0.06	2.137	O				2.26
145.333	0.00	0.06	2.137	O				2.26
145.417	0.00	0.06	2.136	O				2.26
145.500	0.00	0.06	2.136	O				2.26
145.583	0.00	0.06	2.135	O				2.26
145.667	0.00	0.06	2.135	O				2.26
145.750	0.00	0.06	2.135	O				2.26
145.833	0.00	0.06	2.134	O				2.26
145.917	0.00	0.06	2.134	O				2.26
146.000	0.00	0.06	2.134	O				2.26
146.083	0.00	0.06	2.133	O				2.26
146.167	0.00	0.06	2.133	O				2.26
146.250	0.00	0.06	2.132	O				2.26
146.333	0.00	0.06	2.132	O				2.26
146.417	0.00	0.06	2.132	O				2.26
146.500	0.00	0.06	2.131	O				2.26
146.583	0.00	0.06	2.131	O				2.26
146.667	0.00	0.06	2.130	O				2.26
146.750	0.00	0.06	2.130	O				2.26
146.833	0.00	0.06	2.130	O				2.25
146.917	0.00	0.06	2.129	O				2.25
147.000	0.00	0.06	2.129	O				2.25
147.083	0.00	0.06	2.129	O				2.25
147.167	0.00	0.06	2.128	O				2.25
147.250	0.00	0.06	2.128	O				2.25
147.333	0.00	0.06	2.127	O				2.25
147.417	0.00	0.06	2.127	O				2.25
147.500	0.00	0.06	2.127	O				2.25
147.583	0.00	0.06	2.126	O				2.25
147.667	0.00	0.06	2.126	O				2.25
147.750	0.00	0.06	2.125	O				2.25
147.833	0.00	0.06	2.125	O				2.25
147.917	0.00	0.05	2.125	O				2.25
148.000	0.00	0.05	2.124	O				2.25

148.083	0.00	0.05	2.124	O				2.25
148.167	0.00	0.05	2.124	O				2.25
148.250	0.00	0.05	2.123	O				2.25
148.333	0.00	0.05	2.123	O				2.25
148.417	0.00	0.05	2.122	O				2.25
148.500	0.00	0.05	2.122	O				2.25
148.583	0.00	0.05	2.122	O				2.25
148.667	0.00	0.05	2.121	O				2.25
148.750	0.00	0.05	2.121	O				2.25
148.833	0.00	0.05	2.121	O				2.25
148.917	0.00	0.05	2.120	O				2.24
149.000	0.00	0.05	2.120	O				2.24
149.083	0.00	0.05	2.119	O				2.24
149.167	0.00	0.05	2.119	O				2.24
149.250	0.00	0.05	2.119	O				2.24
149.333	0.00	0.05	2.118	O				2.24
149.417	0.00	0.05	2.118	O				2.24
149.500	0.00	0.05	2.118	O				2.24
149.583	0.00	0.05	2.117	O				2.24
149.667	0.00	0.05	2.117	O				2.24
149.750	0.00	0.05	2.116	O				2.24
149.833	0.00	0.05	2.116	O				2.24
149.917	0.00	0.05	2.116	O				2.24
150.000	0.00	0.05	2.115	O				2.24
150.083	0.00	0.05	2.115	O				2.24
150.167	0.00	0.05	2.115	O				2.24
150.250	0.00	0.05	2.114	O				2.24
150.333	0.00	0.05	2.114	O				2.24
150.417	0.00	0.05	2.114	O				2.24
150.500	0.00	0.05	2.113	O				2.24
150.583	0.00	0.05	2.113	O				2.24
150.667	0.00	0.05	2.112	O				2.24
150.750	0.00	0.05	2.112	O				2.24
150.833	0.00	0.05	2.112	O				2.24
150.917	0.00	0.05	2.111	O				2.24
151.000	0.00	0.05	2.111	O				2.24
151.083	0.00	0.05	2.111	O				2.23
151.167	0.00	0.05	2.110	O				2.23
151.250	0.00	0.05	2.110	O				2.23
151.333	0.00	0.05	2.110	O				2.23
151.417	0.00	0.05	2.109	O				2.23
151.500	0.00	0.05	2.109	O				2.23
151.583	0.00	0.05	2.109	O				2.23
151.667	0.00	0.05	2.108	O				2.23
151.750	0.00	0.05	2.108	O				2.23
151.833	0.00	0.05	2.107	O				2.23
151.917	0.00	0.05	2.107	O				2.23
152.000	0.00	0.05	2.107	O				2.23
152.083	0.00	0.05	2.106	O				2.23
152.167	0.00	0.05	2.106	O				2.23

152.250	0.00	0.05	2.106	O				2.23
152.333	0.00	0.05	2.105	O				2.23
152.417	0.00	0.05	2.105	O				2.23
152.500	0.00	0.05	2.105	O				2.23
152.583	0.00	0.05	2.104	O				2.23
152.667	0.00	0.05	2.104	O				2.23
152.750	0.00	0.05	2.104	O				2.23
152.833	0.00	0.05	2.103	O				2.23
152.917	0.00	0.05	2.103	O				2.23
153.000	0.00	0.05	2.103	O				2.23
153.083	0.00	0.05	2.102	O				2.23
153.167	0.00	0.05	2.102	O				2.23
153.250	0.00	0.05	2.101	O				2.22
153.333	0.00	0.05	2.101	O				2.22
153.417	0.00	0.05	2.101	O				2.22
153.500	0.00	0.05	2.100	O				2.22
153.583	0.00	0.05	2.100	O				2.22
153.667	0.00	0.05	2.100	O				2.22
153.750	0.00	0.05	2.099	O				2.22
153.833	0.00	0.05	2.099	O				2.22
153.917	0.00	0.05	2.099	O				2.22
154.000	0.00	0.05	2.098	O				2.22
154.083	0.00	0.05	2.098	O				2.22
154.167	0.00	0.05	2.098	O				2.22
154.250	0.00	0.05	2.097	O				2.22
154.333	0.00	0.05	2.097	O				2.22
154.417	0.00	0.05	2.097	O				2.22
154.500	0.00	0.05	2.096	O				2.22
154.583	0.00	0.05	2.096	O				2.22
154.667	0.00	0.05	2.096	O				2.22
154.750	0.00	0.05	2.095	O				2.22
154.833	0.00	0.05	2.095	O				2.22
154.917	0.00	0.05	2.095	O				2.22
155.000	0.00	0.05	2.094	O				2.22
155.083	0.00	0.05	2.094	O				2.22
155.167	0.00	0.05	2.094	O				2.22
155.250	0.00	0.05	2.093	O				2.22
155.333	0.00	0.05	2.093	O				2.22
155.417	0.00	0.05	2.093	O				2.22
155.500	0.00	0.05	2.092	O				2.22
155.583	0.00	0.05	2.092	O				2.21
155.667	0.00	0.05	2.092	O				2.21
155.750	0.00	0.05	2.091	O				2.21
155.833	0.00	0.05	2.091	O				2.21
155.917	0.00	0.05	2.091	O				2.21
156.000	0.00	0.05	2.090	O				2.21
156.083	0.00	0.05	2.090	O				2.21
156.167	0.00	0.05	2.090	O				2.21
156.250	0.00	0.05	2.089	O				2.21
156.333	0.00	0.05	2.089	O				2.21

156.417	0.00	0.05	2.089	O					2.21
156.500	0.00	0.05	2.088	O					2.21
156.583	0.00	0.05	2.088	O					2.21
156.667	0.00	0.05	2.088	O					2.21
156.750	0.00	0.05	2.087	O					2.21
156.833	0.00	0.05	2.087	O					2.21
156.917	0.00	0.05	2.087	O					2.21
157.000	0.00	0.05	2.086	O					2.21
157.083	0.00	0.05	2.086	O					2.21
157.167	0.00	0.05	2.086	O					2.21
157.250	0.00	0.05	2.085	O					2.21
157.333	0.00	0.05	2.085	O					2.21
157.417	0.00	0.05	2.085	O					2.21
157.500	0.00	0.05	2.084	O					2.21
157.583	0.00	0.05	2.084	O					2.21
157.667	0.00	0.05	2.084	O					2.21
157.750	0.00	0.05	2.083	O					2.21
157.833	0.00	0.05	2.083	O					2.21
157.917	0.00	0.05	2.083	O					2.21
158.000	0.00	0.05	2.082	O					2.20
158.083	0.00	0.05	2.082	O					2.20
158.167	0.00	0.05	2.082	O					2.20
158.250	0.00	0.05	2.081	O					2.20
158.333	0.00	0.05	2.081	O					2.20
158.417	0.00	0.05	2.081	O					2.20
158.500	0.00	0.05	2.080	O					2.20
158.583	0.00	0.05	2.080	O					2.20
158.667	0.00	0.05	2.080	O					2.20
158.750	0.00	0.05	2.079	O					2.20
158.833	0.00	0.05	2.079	O					2.20
158.917	0.00	0.05	2.079	O					2.20
159.000	0.00	0.05	2.079	O					2.20
159.083	0.00	0.05	2.078	O					2.20
159.167	0.00	0.05	2.078	O					2.20
159.250	0.00	0.05	2.078	O					2.20
159.333	0.00	0.05	2.077	O					2.20
159.417	0.00	0.05	2.077	O					2.20
159.500	0.00	0.05	2.077	O					2.20
159.583	0.00	0.05	2.076	O					2.20
159.667	0.00	0.05	2.076	O					2.20
159.750	0.00	0.05	2.076	O					2.20
159.833	0.00	0.05	2.075	O					2.20
159.917	0.00	0.05	2.075	O					2.20
160.000	0.00	0.05	2.075	O					2.20
160.083	0.00	0.05	2.074	O					2.20
160.167	0.00	0.05	2.074	O					2.20
160.250	0.00	0.05	2.074	O					2.20
160.333	0.00	0.05	2.074	O					2.20
160.417	0.00	0.05	2.073	O					2.19
160.500	0.00	0.05	2.073	O					2.19

160.583	0.00	0.04	2.073	O				2.19
160.667	0.00	0.04	2.072	O				2.19
160.750	0.00	0.04	2.072	O				2.19
160.833	0.00	0.04	2.072	O				2.19
160.917	0.00	0.04	2.071	O				2.19
161.000	0.00	0.04	2.071	O				2.19
161.083	0.00	0.04	2.071	O				2.19
161.167	0.00	0.04	2.070	O				2.19
161.250	0.00	0.04	2.070	O				2.19
161.333	0.00	0.04	2.070	O				2.19
161.417	0.00	0.04	2.070	O				2.19
161.500	0.00	0.04	2.069	O				2.19
161.583	0.00	0.04	2.069	O				2.19
161.667	0.00	0.04	2.069	O				2.19
161.750	0.00	0.04	2.068	O				2.19
161.833	0.00	0.04	2.068	O				2.19
161.917	0.00	0.04	2.068	O				2.19
162.000	0.00	0.04	2.067	O				2.19
162.083	0.00	0.04	2.067	O				2.19
162.167	0.00	0.04	2.067	O				2.19
162.250	0.00	0.04	2.066	O				2.19
162.333	0.00	0.04	2.066	O				2.19
162.417	0.00	0.04	2.066	O				2.19
162.500	0.00	0.04	2.066	O				2.19
162.583	0.00	0.04	2.065	O				2.19
162.667	0.00	0.04	2.065	O				2.19
162.750	0.00	0.04	2.065	O				2.19
162.833	0.00	0.04	2.064	O				2.19
162.917	0.00	0.04	2.064	O				2.19
163.000	0.00	0.04	2.064	O				2.18
163.083	0.00	0.04	2.063	O				2.18
163.167	0.00	0.04	2.063	O				2.18
163.250	0.00	0.04	2.063	O				2.18
163.333	0.00	0.04	2.063	O				2.18
163.417	0.00	0.04	2.062	O				2.18
163.500	0.00	0.04	2.062	O				2.18
163.583	0.00	0.04	2.062	O				2.18
163.667	0.00	0.04	2.061	O				2.18
163.750	0.00	0.04	2.061	O				2.18
163.833	0.00	0.04	2.061	O				2.18
163.917	0.00	0.04	2.061	O				2.18
164.000	0.00	0.04	2.060	O				2.18
164.083	0.00	0.04	2.060	O				2.18
164.167	0.00	0.04	2.060	O				2.18
164.250	0.00	0.04	2.059	O				2.18
164.333	0.00	0.04	2.059	O				2.18
164.417	0.00	0.04	2.059	O				2.18
164.500	0.00	0.04	2.058	O				2.18
164.583	0.00	0.04	2.058	O				2.18
164.667	0.00	0.04	2.058	O				2.18

164.750	0.00	0.04	2.058	O				2.18
164.833	0.00	0.04	2.057	O				2.18
164.917	0.00	0.04	2.057	O				2.18
165.000	0.00	0.04	2.057	O				2.18
165.083	0.00	0.04	2.056	O				2.18
165.167	0.00	0.04	2.056	O				2.18
165.250	0.00	0.04	2.056	O				2.18
165.333	0.00	0.04	2.056	O				2.18
165.417	0.00	0.04	2.055	O				2.18
165.500	0.00	0.04	2.055	O				2.18
165.583	0.00	0.04	2.055	O				2.18
165.667	0.00	0.04	2.054	O				2.17
165.750	0.00	0.04	2.054	O				2.17
165.833	0.00	0.04	2.054	O				2.17
165.917	0.00	0.04	2.054	O				2.17
166.000	0.00	0.04	2.053	O				2.17
166.083	0.00	0.04	2.053	O				2.17
166.167	0.00	0.04	2.053	O				2.17
166.250	0.00	0.04	2.052	O				2.17
166.333	0.00	0.04	2.052	O				2.17
166.417	0.00	0.04	2.052	O				2.17
166.500	0.00	0.04	2.052	O				2.17
166.583	0.00	0.04	2.051	O				2.17
166.667	0.00	0.04	2.051	O				2.17
166.750	0.00	0.04	2.051	O				2.17
166.833	0.00	0.04	2.050	O				2.17
166.917	0.00	0.04	2.050	O				2.17
167.000	0.00	0.04	2.050	O				2.17
167.083	0.00	0.04	2.050	O				2.17
167.167	0.00	0.04	2.049	O				2.17
167.250	0.00	0.04	2.049	O				2.17
167.333	0.00	0.04	2.049	O				2.17
167.417	0.00	0.04	2.049	O				2.17
167.500	0.00	0.04	2.048	O				2.17
167.583	0.00	0.04	2.048	O				2.17
167.667	0.00	0.04	2.048	O				2.17
167.750	0.00	0.04	2.047	O				2.17
167.833	0.00	0.04	2.047	O				2.17
167.917	0.00	0.04	2.047	O				2.17
168.000	0.00	0.04	2.047	O				2.17
168.083	0.00	0.04	2.046	O				2.17
168.167	0.00	0.04	2.046	O				2.17
168.250	0.00	0.04	2.046	O				2.17
168.333	0.00	0.04	2.045	O				2.17
168.417	0.00	0.04	2.045	O				2.17
168.500	0.00	0.04	2.045	O				2.16
168.583	0.00	0.04	2.045	O				2.16
168.667	0.00	0.04	2.044	O				2.16
168.750	0.00	0.04	2.044	O				2.16
168.833	0.00	0.04	2.044	O				2.16

168.917	0.00	0.04	2.044	O					2.16
169.000	0.00	0.04	2.043	O					2.16
169.083	0.00	0.04	2.043	O					2.16
169.167	0.00	0.04	2.043	O					2.16
169.250	0.00	0.04	2.042	O					2.16
169.333	0.00	0.04	2.042	O					2.16
169.417	0.00	0.04	2.042	O					2.16
169.500	0.00	0.04	2.042	O					2.16
169.583	0.00	0.04	2.041	O					2.16
169.667	0.00	0.04	2.041	O					2.16
169.750	0.00	0.04	2.041	O					2.16
169.833	0.00	0.04	2.041	O					2.16
169.917	0.00	0.04	2.040	O					2.16
170.000	0.00	0.04	2.040	O					2.16
170.083	0.00	0.04	2.040	O					2.16
170.167	0.00	0.04	2.040	O					2.16
170.250	0.00	0.04	2.039	O					2.16
170.333	0.00	0.04	2.039	O					2.16
170.417	0.00	0.04	2.039	O					2.16
170.500	0.00	0.04	2.038	O					2.16
170.583	0.00	0.04	2.038	O					2.16
170.667	0.00	0.04	2.038	O					2.16
170.750	0.00	0.04	2.038	O					2.16
170.833	0.00	0.04	2.037	O					2.16
170.917	0.00	0.04	2.037	O					2.16
171.000	0.00	0.04	2.037	O					2.16
171.083	0.00	0.04	2.037	O					2.16
171.167	0.00	0.04	2.036	O					2.16
171.250	0.00	0.04	2.036	O					2.16
171.333	0.00	0.04	2.036	O					2.16
171.417	0.00	0.04	2.036	O					2.15
171.500	0.00	0.04	2.035	O					2.15
171.583	0.00	0.04	2.035	O					2.15
171.667	0.00	0.04	2.035	O					2.15
171.750	0.00	0.04	2.035	O					2.15
171.833	0.00	0.04	2.034	O					2.15
171.917	0.00	0.04	2.034	O					2.15
172.000	0.00	0.04	2.034	O					2.15
172.083	0.00	0.04	2.034	O					2.15
172.167	0.00	0.04	2.033	O					2.15
172.250	0.00	0.04	2.033	O					2.15
172.333	0.00	0.04	2.033	O					2.15
172.417	0.00	0.04	2.032	O					2.15
172.500	0.00	0.04	2.032	O					2.15
172.583	0.00	0.04	2.032	O					2.15
172.667	0.00	0.04	2.032	O					2.15
172.750	0.00	0.04	2.031	O					2.15
172.833	0.00	0.04	2.031	O					2.15
172.917	0.00	0.04	2.031	O					2.15
173.000	0.00	0.04	2.031	O					2.15

173.083	0.00	0.04	2.030	O				2.15
173.167	0.00	0.04	2.030	O				2.15
173.250	0.00	0.04	2.030	O				2.15
173.333	0.00	0.04	2.030	O				2.15
173.417	0.00	0.04	2.029	O				2.15
173.500	0.00	0.04	2.029	O				2.15
173.583	0.00	0.04	2.029	O				2.15
173.667	0.00	0.04	2.029	O				2.15
173.750	0.00	0.04	2.028	O				2.15
173.833	0.00	0.04	2.028	O				2.15
173.917	0.00	0.04	2.028	O				2.15
174.000	0.00	0.04	2.028	O				2.15
174.083	0.00	0.04	2.027	O				2.15
174.167	0.00	0.04	2.027	O				2.15
174.250	0.00	0.04	2.027	O				2.15
174.333	0.00	0.04	2.027	O				2.15
174.417	0.00	0.04	2.026	O				2.15
174.500	0.00	0.04	2.026	O				2.14
174.583	0.00	0.04	2.026	O				2.14
174.667	0.00	0.04	2.026	O				2.14
174.750	0.00	0.04	2.025	O				2.14
174.833	0.00	0.04	2.025	O				2.14
174.917	0.00	0.04	2.025	O				2.14
175.000	0.00	0.04	2.025	O				2.14
175.083	0.00	0.04	2.024	O				2.14
175.167	0.00	0.04	2.024	O				2.14
175.250	0.00	0.04	2.024	O				2.14
175.333	0.00	0.04	2.024	O				2.14
175.417	0.00	0.04	2.023	O				2.14
175.500	0.00	0.04	2.023	O				2.14
175.583	0.00	0.04	2.023	O				2.14
175.667	0.00	0.04	2.023	O				2.14
175.750	0.00	0.04	2.022	O				2.14
175.833	0.00	0.04	2.022	O				2.14
175.917	0.00	0.04	2.022	O				2.14
176.000	0.00	0.04	2.022	O				2.14
176.083	0.00	0.04	2.022	O				2.14
176.167	0.00	0.04	2.021	O				2.14
176.250	0.00	0.04	2.021	O				2.14
176.333	0.00	0.04	2.021	O				2.14
176.417	0.00	0.03	2.021	O				2.14
176.500	0.00	0.03	2.020	O				2.14
176.583	0.00	0.03	2.020	O				2.14
176.667	0.00	0.03	2.020	O				2.14
176.750	0.00	0.03	2.020	O				2.14
176.833	0.00	0.03	2.019	O				2.14
176.917	0.00	0.03	2.019	O				2.14
177.000	0.00	0.03	2.019	O				2.14
177.083	0.00	0.03	2.019	O				2.14
177.167	0.00	0.03	2.018	O				2.14

177.250	0.00	0.03	2.018	O					2.14
177.333	0.00	0.03	2.018	O					2.14
177.417	0.00	0.03	2.018	O					2.14
177.500	0.00	0.03	2.017	O					2.14
177.583	0.00	0.03	2.017	O					2.14
177.667	0.00	0.03	2.017	O					2.14
177.750	0.00	0.03	2.017	O					2.13
177.833	0.00	0.03	2.016	O					2.13
177.917	0.00	0.03	2.016	O					2.13
178.000	0.00	0.03	2.016	O					2.13
178.083	0.00	0.03	2.016	O					2.13
178.167	0.00	0.03	2.016	O					2.13
178.250	0.00	0.03	2.015	O					2.13
178.333	0.00	0.03	2.015	O					2.13
178.417	0.00	0.03	2.015	O					2.13
178.500	0.00	0.03	2.015	O					2.13
178.583	0.00	0.03	2.014	O					2.13
178.667	0.00	0.03	2.014	O					2.13
178.750	0.00	0.03	2.014	O					2.13
178.833	0.00	0.03	2.014	O					2.13
178.917	0.00	0.03	2.013	O					2.13
179.000	0.00	0.03	2.013	O					2.13
179.083	0.00	0.03	2.013	O					2.13
179.167	0.00	0.03	2.013	O					2.13
179.250	0.00	0.03	2.013	O					2.13
179.333	0.00	0.03	2.012	O					2.13
179.417	0.00	0.03	2.012	O					2.13
179.500	0.00	0.03	2.012	O					2.13
179.583	0.00	0.03	2.012	O					2.13
179.667	0.00	0.03	2.011	O					2.13
179.750	0.00	0.03	2.011	O					2.13
179.833	0.00	0.03	2.011	O					2.13
179.917	0.00	0.03	2.011	O					2.13
180.000	0.00	0.03	2.010	O					2.13
180.083	0.00	0.03	2.010	O					2.13
180.167	0.00	0.03	2.010	O					2.13
180.250	0.00	0.03	2.010	O					2.13
180.333	0.00	0.03	2.010	O					2.13
180.417	0.00	0.03	2.009	O					2.13
180.500	0.00	0.03	2.009	O					2.13
180.583	0.00	0.03	2.009	O					2.13
180.667	0.00	0.03	2.009	O					2.13
180.750	0.00	0.03	2.008	O					2.13
180.833	0.00	0.03	2.008	O					2.13
180.917	0.00	0.03	2.008	O					2.13
181.000	0.00	0.03	2.008	O					2.13
181.083	0.00	0.03	2.008	O					2.13
181.167	0.00	0.03	2.007	O					2.12
181.250	0.00	0.03	2.007	O					2.12
181.333	0.00	0.03	2.007	O					2.12

181.417	0.00	0.03	2.007	O					2.12
181.500	0.00	0.03	2.006	O					2.12
181.583	0.00	0.03	2.006	O					2.12
181.667	0.00	0.03	2.006	O					2.12
181.750	0.00	0.03	2.006	O					2.12
181.833	0.00	0.03	2.006	O					2.12
181.917	0.00	0.03	2.005	O					2.12
182.000	0.00	0.03	2.005	O					2.12
182.083	0.00	0.03	2.005	O					2.12
182.167	0.00	0.03	2.005	O					2.12
182.250	0.00	0.03	2.004	O					2.12
182.333	0.00	0.03	2.004	O					2.12
182.417	0.00	0.03	2.004	O					2.12
182.500	0.00	0.03	2.004	O					2.12
182.583	0.00	0.03	2.004	O					2.12
182.667	0.00	0.03	2.003	O					2.12
182.750	0.00	0.03	2.003	O					2.12
182.833	0.00	0.03	2.003	O					2.12
182.917	0.00	0.03	2.003	O					2.12
183.000	0.00	0.03	2.002	O					2.12
183.083	0.00	0.03	2.002	O					2.12
183.167	0.00	0.03	2.002	O					2.12
183.250	0.00	0.03	2.002	O					2.12
183.333	0.00	0.03	2.002	O					2.12
183.417	0.00	0.03	2.001	O					2.12
183.500	0.00	0.03	2.001	O					2.12
183.583	0.00	0.03	2.001	O					2.12
183.667	0.00	0.03	2.001	O					2.12
183.750	0.00	0.03	2.001	O					2.12
183.833	0.00	0.03	2.000	O					2.12
183.917	0.00	0.03	2.000	O					2.12
184.000	0.00	0.03	2.000	O					2.12
184.083	0.00	0.03	2.000	O					2.12
184.167	0.00	0.03	1.999	O					2.12
184.250	0.00	0.03	1.999	O					2.12
184.333	0.00	0.03	1.999	O					2.12
184.417	0.00	0.03	1.999	O					2.12
184.500	0.00	0.03	1.999	O					2.12
184.583	0.00	0.03	1.998	O					2.12
184.667	0.00	0.03	1.998	O					2.12
184.750	0.00	0.03	1.998	O					2.11
184.833	0.00	0.03	1.998	O					2.11
184.917	0.00	0.03	1.998	O					2.11
185.000	0.00	0.03	1.997	O					2.11
185.083	0.00	0.03	1.997	O					2.11
185.167	0.00	0.03	1.997	O					2.11
185.250	0.00	0.03	1.997	O					2.11
185.333	0.00	0.03	1.996	O					2.11
185.417	0.00	0.03	1.996	O					2.11
185.500	0.00	0.03	1.996	O					2.11

185.583	0.00	0.03	1.996	O				2.11
185.667	0.00	0.03	1.996	O				2.11
185.750	0.00	0.03	1.995	O				2.11
185.833	0.00	0.03	1.995	O				2.11
185.917	0.00	0.03	1.995	O				2.11
186.000	0.00	0.03	1.995	O				2.11
186.083	0.00	0.03	1.995	O				2.11
186.167	0.00	0.03	1.994	O				2.11
186.250	0.00	0.03	1.994	O				2.11
186.333	0.00	0.03	1.994	O				2.11
186.417	0.00	0.03	1.994	O				2.11
186.500	0.00	0.03	1.994	O				2.11
186.583	0.00	0.03	1.993	O				2.11
186.667	0.00	0.03	1.993	O				2.11
186.750	0.00	0.03	1.993	O				2.11
186.833	0.00	0.03	1.993	O				2.11
186.917	0.00	0.03	1.993	O				2.11
187.000	0.00	0.03	1.992	O				2.11
187.083	0.00	0.03	1.992	O				2.11
187.167	0.00	0.03	1.992	O				2.11
187.250	0.00	0.03	1.992	O				2.11
187.333	0.00	0.03	1.992	O				2.11
187.417	0.00	0.03	1.991	O				2.11
187.500	0.00	0.03	1.991	O				2.11
187.583	0.00	0.03	1.991	O				2.11
187.667	0.00	0.03	1.991	O				2.11
187.750	0.00	0.03	1.991	O				2.11
187.833	0.00	0.03	1.990	O				2.11
187.917	0.00	0.03	1.990	O				2.11
188.000	0.00	0.03	1.990	O				2.11
188.083	0.00	0.03	1.990	O				2.11
188.167	0.00	0.03	1.990	O				2.11
188.250	0.00	0.03	1.989	O				2.11
188.333	0.00	0.03	1.989	O				2.11
188.417	0.00	0.03	1.989	O				2.11
188.500	0.00	0.03	1.989	O				2.11
188.583	0.00	0.03	1.989	O				2.10
188.667	0.00	0.03	1.988	O				2.10
188.750	0.00	0.03	1.988	O				2.10
188.833	0.00	0.03	1.988	O				2.10
188.917	0.00	0.03	1.988	O				2.10
189.000	0.00	0.03	1.988	O				2.10
189.083	0.00	0.03	1.987	O				2.10
189.167	0.00	0.03	1.987	O				2.10
189.250	0.00	0.03	1.987	O				2.10
189.333	0.00	0.03	1.987	O				2.10
189.417	0.00	0.03	1.987	O				2.10
189.500	0.00	0.03	1.986	O				2.10
189.583	0.00	0.03	1.986	O				2.10
189.667	0.00	0.03	1.986	O				2.10

189.750	0.00	0.03	1.986	O				2.10
189.833	0.00	0.03	1.986	O				2.10
189.917	0.00	0.03	1.985	O				2.10
190.000	0.00	0.03	1.985	O				2.10
190.083	0.00	0.03	1.985	O				2.10
190.167	0.00	0.03	1.985	O				2.10
190.250	0.00	0.03	1.985	O				2.10
190.333	0.00	0.03	1.984	O				2.10
190.417	0.00	0.03	1.984	O				2.10
190.500	0.00	0.03	1.984	O				2.10
190.583	0.00	0.03	1.984	O				2.10
190.667	0.00	0.03	1.984	O				2.10
190.750	0.00	0.03	1.983	O				2.10
190.833	0.00	0.03	1.983	O				2.10
190.917	0.00	0.03	1.983	O				2.10
191.000	0.00	0.03	1.983	O				2.10
191.083	0.00	0.03	1.983	O				2.10
191.167	0.00	0.03	1.982	O				2.10
191.250	0.00	0.03	1.982	O				2.10
191.333	0.00	0.03	1.982	O				2.10
191.417	0.00	0.03	1.982	O				2.10
191.500	0.00	0.03	1.982	O				2.10
191.583	0.00	0.03	1.982	O				2.10
191.667	0.00	0.03	1.981	O				2.10
191.750	0.00	0.03	1.981	O				2.10
191.833	0.00	0.03	1.981	O				2.10
191.917	0.00	0.03	1.981	O				2.10
192.000	0.00	0.03	1.981	O				2.10
192.083	0.00	0.03	1.980	O				2.10
192.167	0.00	0.03	1.980	O				2.10
192.250	0.00	0.03	1.980	O				2.10
192.333	0.00	0.03	1.980	O				2.10
192.417	0.00	0.03	1.980	O				2.10
192.500	0.00	0.03	1.979	O				2.10
192.583	0.00	0.03	1.979	O				2.09
192.667	0.00	0.03	1.979	O				2.09
192.750	0.00	0.03	1.979	O				2.09
192.833	0.00	0.03	1.979	O				2.09
192.917	0.00	0.03	1.979	O				2.09
193.000	0.00	0.03	1.978	O				2.09
193.083	0.00	0.03	1.978	O				2.09
193.167	0.00	0.03	1.978	O				2.09
193.250	0.00	0.03	1.978	O				2.09
193.333	0.00	0.03	1.978	O				2.09
193.417	0.00	0.03	1.977	O				2.09
193.500	0.00	0.03	1.977	O				2.09
193.583	0.00	0.03	1.977	O				2.09
193.667	0.00	0.03	1.977	O				2.09
193.750	0.00	0.03	1.977	O				2.09
193.833	0.00	0.03	1.977	O				2.09

193.917	0.00	0.03	1.976	O				2.09
194.000	0.00	0.03	1.976	O				2.09
194.083	0.00	0.03	1.976	O				2.09
194.167	0.00	0.03	1.976	O				2.09
194.250	0.00	0.03	1.976	O				2.09
194.333	0.00	0.03	1.975	O				2.09
194.417	0.00	0.03	1.975	O				2.09
194.500	0.00	0.03	1.975	O				2.09
194.583	0.00	0.03	1.975	O				2.09
194.667	0.00	0.03	1.975	O				2.09
194.750	0.00	0.03	1.975	O				2.09
194.833	0.00	0.03	1.974	O				2.09
194.917	0.00	0.03	1.974	O				2.09
195.000	0.00	0.03	1.974	O				2.09
195.083	0.00	0.03	1.974	O				2.09
195.167	0.00	0.03	1.974	O				2.09
195.250	0.00	0.03	1.973	O				2.09
195.333	0.00	0.03	1.973	O				2.09
195.417	0.00	0.03	1.973	O				2.09
195.500	0.00	0.03	1.973	O				2.09
195.583	0.00	0.03	1.973	O				2.09
195.667	0.00	0.03	1.973	O				2.09
195.750	0.00	0.03	1.972	O				2.09
195.833	0.00	0.03	1.972	O				2.09
195.917	0.00	0.03	1.972	O				2.09
196.000	0.00	0.03	1.972	O				2.09
196.083	0.00	0.03	1.972	O				2.09
196.167	0.00	0.03	1.971	O				2.09
196.250	0.00	0.03	1.971	O				2.09
196.333	0.00	0.03	1.971	O				2.09
196.417	0.00	0.03	1.971	O				2.09
196.500	0.00	0.03	1.971	O				2.09
196.583	0.00	0.03	1.971	O				2.09
196.667	0.00	0.03	1.970	O				2.09
196.750	0.00	0.03	1.970	O				2.09
196.833	0.00	0.03	1.970	O				2.09
196.917	0.00	0.03	1.970	O				2.09
197.000	0.00	0.03	1.970	O				2.08
197.083	0.00	0.03	1.970	O				2.08
197.167	0.00	0.03	1.969	O				2.08
197.250	0.00	0.03	1.969	O				2.08
197.333	0.00	0.03	1.969	O				2.08
197.417	0.00	0.03	1.969	O				2.08
197.500	0.00	0.03	1.969	O				2.08
197.583	0.00	0.03	1.969	O				2.08
197.667	0.00	0.03	1.968	O				2.08
197.750	0.00	0.02	1.968	O				2.08
197.833	0.00	0.02	1.968	O				2.08
197.917	0.00	0.02	1.968	O				2.08
198.000	0.00	0.02	1.968	O				2.08

198.083	0.00	0.02	1.967	O				2.08
198.167	0.00	0.02	1.967	O				2.08
198.250	0.00	0.02	1.967	O				2.08
198.333	0.00	0.02	1.967	O				2.08
198.417	0.00	0.02	1.967	O				2.08
198.500	0.00	0.02	1.967	O				2.08
198.583	0.00	0.02	1.966	O				2.08
198.667	0.00	0.02	1.966	O				2.08
198.750	0.00	0.02	1.966	O				2.08
198.833	0.00	0.02	1.966	O				2.08
198.917	0.00	0.02	1.966	O				2.08
199.000	0.00	0.02	1.966	O				2.08
199.083	0.00	0.02	1.965	O				2.08
199.167	0.00	0.02	1.965	O				2.08
199.250	0.00	0.02	1.965	O				2.08
199.333	0.00	0.02	1.965	O				2.08
199.417	0.00	0.02	1.965	O				2.08
199.500	0.00	0.02	1.965	O				2.08
199.583	0.00	0.02	1.964	O				2.08
199.667	0.00	0.02	1.964	O				2.08
199.750	0.00	0.02	1.964	O				2.08
199.833	0.00	0.02	1.964	O				2.08
199.917	0.00	0.02	1.964	O				2.08
200.000	0.00	0.02	1.964	O				2.08
200.083	0.00	0.02	1.963	O				2.08
200.167	0.00	0.02	1.963	O				2.08
200.250	0.00	0.02	1.963	O				2.08
200.333	0.00	0.02	1.963	O				2.08
200.417	0.00	0.02	1.963	O				2.08
200.500	0.00	0.02	1.963	O				2.08
200.583	0.00	0.02	1.962	O				2.08
200.667	0.00	0.02	1.962	O				2.08
200.750	0.00	0.02	1.962	O				2.08
200.833	0.00	0.02	1.962	O				2.08
200.917	0.00	0.02	1.962	O				2.08
201.000	0.00	0.02	1.962	O				2.08
201.083	0.00	0.02	1.961	O				2.08
201.167	0.00	0.02	1.961	O				2.08
201.250	0.00	0.02	1.961	O				2.08
201.333	0.00	0.02	1.961	O				2.08
201.417	0.00	0.02	1.961	O				2.08
201.500	0.00	0.02	1.961	O				2.08
201.583	0.00	0.02	1.960	O				2.07
201.667	0.00	0.02	1.960	O				2.07
201.750	0.00	0.02	1.960	O				2.07
201.833	0.00	0.02	1.960	O				2.07
201.917	0.00	0.02	1.960	O				2.07
202.000	0.00	0.02	1.960	O				2.07
202.083	0.00	0.02	1.960	O				2.07
202.167	0.00	0.02	1.959	O				2.07

202.250	0.00	0.02	1.959	O				2.07
202.333	0.00	0.02	1.959	O				2.07
202.417	0.00	0.02	1.959	O				2.07
202.500	0.00	0.02	1.959	O				2.07
202.583	0.00	0.02	1.959	O				2.07
202.667	0.00	0.02	1.958	O				2.07
202.750	0.00	0.02	1.958	O				2.07
202.833	0.00	0.02	1.958	O				2.07
202.917	0.00	0.02	1.958	O				2.07
203.000	0.00	0.02	1.958	O				2.07
203.083	0.00	0.02	1.958	O				2.07
203.167	0.00	0.02	1.957	O				2.07
203.250	0.00	0.02	1.957	O				2.07
203.333	0.00	0.02	1.957	O				2.07
203.417	0.00	0.02	1.957	O				2.07
203.500	0.00	0.02	1.957	O				2.07
203.583	0.00	0.02	1.957	O				2.07
203.667	0.00	0.02	1.957	O				2.07
203.750	0.00	0.02	1.956	O				2.07
203.833	0.00	0.02	1.956	O				2.07
203.917	0.00	0.02	1.956	O				2.07
204.000	0.00	0.02	1.956	O				2.07
204.083	0.00	0.02	1.956	O				2.07
204.167	0.00	0.02	1.956	O				2.07
204.250	0.00	0.02	1.955	O				2.07
204.333	0.00	0.02	1.955	O				2.07
204.417	0.00	0.02	1.955	O				2.07
204.500	0.00	0.02	1.955	O				2.07
204.583	0.00	0.02	1.955	O				2.07
204.667	0.00	0.02	1.955	O				2.07
204.750	0.00	0.02	1.954	O				2.07
204.833	0.00	0.02	1.954	O				2.07
204.917	0.00	0.02	1.954	O				2.07
205.000	0.00	0.02	1.954	O				2.07
205.083	0.00	0.02	1.954	O				2.07
205.167	0.00	0.02	1.954	O				2.07
205.250	0.00	0.02	1.954	O				2.07
205.333	0.00	0.02	1.953	O				2.07
205.417	0.00	0.02	1.953	O				2.07
205.500	0.00	0.02	1.953	O				2.07
205.583	0.00	0.02	1.953	O				2.07
205.667	0.00	0.02	1.953	O				2.07
205.750	0.00	0.02	1.953	O				2.07
205.833	0.00	0.02	1.953	O				2.07
205.917	0.00	0.02	1.952	O				2.07
206.000	0.00	0.02	1.952	O				2.07
206.083	0.00	0.02	1.952	O				2.07
206.167	0.00	0.02	1.952	O				2.07
206.250	0.00	0.02	1.952	O				2.07
206.333	0.00	0.02	1.952	O				2.07

206.417	0.00	0.02	1.951	O	|	|	|	2.07
206.500	0.00	0.02	1.951	O	|	|	|	2.07
206.583	0.00	0.02	1.951	O	|	|	|	2.07
206.667	0.00	0.02	1.951	O	|	|	|	2.06
206.750	0.00	0.02	1.951	O	|	|	|	2.06
206.833	0.00	0.02	1.951	O	|	|	|	2.06
206.917	0.00	0.02	1.951	O	|	|	|	2.06
207.000	0.00	0.02	1.950	O	|	|	|	2.06
207.083	0.00	0.02	1.950	O	|	|	|	2.06
207.167	0.00	0.02	1.950	O	|	|	|	2.06
207.250	0.00	0.02	1.950	O	|	|	|	2.06
207.333	0.00	0.02	1.950	O	|	|	|	2.06
207.417	0.00	0.02	1.950	O	|	|	|	2.06
207.500	0.00	0.02	1.950	O	|	|	|	2.06
207.583	0.00	0.02	1.949	O	|	|	|	2.06
207.667	0.00	0.02	1.949	O	|	|	|	2.06
207.750	0.00	0.02	1.949	O	|	|	|	2.06
207.833	0.00	0.02	1.949	O	|	|	|	2.06
207.917	0.00	0.02	1.949	O	|	|	|	2.06
208.000	0.00	0.02	1.949	O	|	|	|	2.06
208.083	0.00	0.02	1.949	O	|	|	|	2.06
208.167	0.00	0.02	1.948	O	|	|	|	2.06
208.250	0.00	0.02	1.948	O	|	|	|	2.06
208.333	0.00	0.02	1.948	O	|	|	|	2.06
208.417	0.00	0.02	1.948	O	|	|	|	2.06
208.500	0.00	0.02	1.948	O	|	|	|	2.06
208.583	0.00	0.02	1.948	O	|	|	|	2.06
208.667	0.00	0.02	1.947	O	|	|	|	2.06
208.750	0.00	0.02	1.947	O	|	|	|	2.06
208.833	0.00	0.02	1.947	O	|	|	|	2.06
208.917	0.00	0.02	1.947	O	|	|	|	2.06
209.000	0.00	0.02	1.947	O	|	|	|	2.06
209.083	0.00	0.02	1.947	O	|	|	|	2.06
209.167	0.00	0.02	1.947	O	|	|	|	2.06
209.250	0.00	0.02	1.946	O	|	|	|	2.06
209.333	0.00	0.02	1.946	O	|	|	|	2.06
209.417	0.00	0.02	1.946	O	|	|	|	2.06
209.500	0.00	0.02	1.946	O	|	|	|	2.06
209.583	0.00	0.02	1.946	O	|	|	|	2.06
209.667	0.00	0.02	1.946	O	|	|	|	2.06
209.750	0.00	0.02	1.946	O	|	|	|	2.06
209.833	0.00	0.02	1.945	O	|	|	|	2.06
209.917	0.00	0.02	1.945	O	|	|	|	2.06
210.000	0.00	0.02	1.945	O	|	|	|	2.06
210.083	0.00	0.02	1.945	O	|	|	|	2.06
210.167	0.00	0.02	1.945	O	|	|	|	2.06
210.250	0.00	0.02	1.945	O	|	|	|	2.06
210.333	0.00	0.02	1.945	O	|	|	|	2.06
210.417	0.00	0.02	1.944	O	|	|	|	2.06
210.500	0.00	0.02	1.944	O	|	|	|	2.06

210.583	0.00	0.02	1.944	O				2.06
210.667	0.00	0.02	1.944	O				2.06
210.750	0.00	0.02	1.944	O				2.06
210.833	0.00	0.02	1.944	O				2.06
210.917	0.00	0.02	1.944	O				2.06
211.000	0.00	0.02	1.944	O				2.06
211.083	0.00	0.02	1.943	O				2.06
211.167	0.00	0.02	1.943	O				2.06
211.250	0.00	0.02	1.943	O				2.06
211.333	0.00	0.02	1.943	O				2.06
211.417	0.00	0.02	1.943	O				2.06
211.500	0.00	0.02	1.943	O				2.06
211.583	0.00	0.02	1.943	O				2.06
211.667	0.00	0.02	1.942	O				2.06
211.750	0.00	0.02	1.942	O				2.06
211.833	0.00	0.02	1.942	O				2.06
211.917	0.00	0.02	1.942	O				2.06
212.000	0.00	0.02	1.942	O				2.06
212.083	0.00	0.02	1.942	O				2.06
212.167	0.00	0.02	1.942	O				2.05
212.250	0.00	0.02	1.941	O				2.05
212.333	0.00	0.02	1.941	O				2.05
212.417	0.00	0.02	1.941	O				2.05
212.500	0.00	0.02	1.941	O				2.05
212.583	0.00	0.02	1.941	O				2.05
212.667	0.00	0.02	1.941	O				2.05
212.750	0.00	0.02	1.941	O				2.05
212.833	0.00	0.02	1.940	O				2.05
212.917	0.00	0.02	1.940	O				2.05
213.000	0.00	0.02	1.940	O				2.05
213.083	0.00	0.02	1.940	O				2.05
213.167	0.00	0.02	1.940	O				2.05
213.250	0.00	0.02	1.940	O				2.05
213.333	0.00	0.02	1.940	O				2.05
213.417	0.00	0.02	1.940	O				2.05
213.500	0.00	0.02	1.939	O				2.05
213.583	0.00	0.02	1.939	O				2.05
213.667	0.00	0.02	1.939	O				2.05
213.750	0.00	0.02	1.939	O				2.05
213.833	0.00	0.02	1.939	O				2.05
213.917	0.00	0.02	1.939	O				2.05
214.000	0.00	0.02	1.939	O				2.05
214.083	0.00	0.02	1.938	O				2.05
214.167	0.00	0.02	1.938	O				2.05
214.250	0.00	0.02	1.938	O				2.05
214.333	0.00	0.02	1.938	O				2.05
214.417	0.00	0.02	1.938	O				2.05
214.500	0.00	0.02	1.938	O				2.05
214.583	0.00	0.02	1.938	O				2.05
214.667	0.00	0.02	1.938	O				2.05

214.750	0.00	0.02	1.937	O				2.05
214.833	0.00	0.02	1.937	O				2.05
214.917	0.00	0.02	1.937	O				2.05
215.000	0.00	0.02	1.937	O				2.05
215.083	0.00	0.02	1.937	O				2.05
215.167	0.00	0.02	1.937	O				2.05
215.250	0.00	0.02	1.937	O				2.05
215.333	0.00	0.02	1.936	O				2.05
215.417	0.00	0.02	1.936	O				2.05
215.500	0.00	0.02	1.936	O				2.05
215.583	0.00	0.02	1.936	O				2.05
215.667	0.00	0.02	1.936	O				2.05
215.750	0.00	0.02	1.936	O				2.05
215.833	0.00	0.02	1.936	O				2.05
215.917	0.00	0.02	1.936	O				2.05
216.000	0.00	0.02	1.935	O				2.05
216.083	0.00	0.02	1.935	O				2.05
216.167	0.00	0.02	1.935	O				2.05
216.250	0.00	0.02	1.935	O				2.05
216.333	0.00	0.02	1.935	O				2.05
216.417	0.00	0.02	1.935	O				2.05
216.500	0.00	0.02	1.935	O				2.05
216.583	0.00	0.02	1.935	O				2.05
216.667	0.00	0.02	1.934	O				2.05
216.750	0.00	0.02	1.934	O				2.05
216.833	0.00	0.02	1.934	O				2.05
216.917	0.00	0.02	1.934	O				2.05
217.000	0.00	0.02	1.934	O				2.05
217.083	0.00	0.02	1.934	O				2.05
217.167	0.00	0.02	1.934	O				2.05
217.250	0.00	0.02	1.934	O				2.05
217.333	0.00	0.02	1.933	O				2.05
217.417	0.00	0.02	1.933	O				2.05
217.500	0.00	0.02	1.933	O				2.05
217.583	0.00	0.02	1.933	O				2.05
217.667	0.00	0.02	1.933	O				2.05
217.750	0.00	0.02	1.933	O				2.05
217.833	0.00	0.02	1.933	O				2.05
217.917	0.00	0.02	1.933	O				2.05
218.000	0.00	0.02	1.932	O				2.05
218.083	0.00	0.02	1.932	O				2.04
218.167	0.00	0.02	1.932	O				2.04
218.250	0.00	0.02	1.932	O				2.04
218.333	0.00	0.02	1.932	O				2.04
218.417	0.00	0.02	1.932	O				2.04
218.500	0.00	0.02	1.932	O				2.04
218.583	0.00	0.02	1.932	O				2.04
218.667	0.00	0.02	1.931	O				2.04
218.750	0.00	0.02	1.931	O				2.04
218.833	0.00	0.02	1.931	O				2.04

218.917	0.00	0.02	1.931	O				2.04
219.000	0.00	0.02	1.931	O				2.04
219.083	0.00	0.02	1.931	O				2.04
219.167	0.00	0.02	1.931	O				2.04
219.250	0.00	0.02	1.931	O				2.04
219.333	0.00	0.02	1.930	O				2.04
219.417	0.00	0.02	1.930	O				2.04
219.500	0.00	0.02	1.930	O				2.04
219.583	0.00	0.02	1.930	O				2.04
219.667	0.00	0.02	1.930	O				2.04
219.750	0.00	0.02	1.930	O				2.04
219.833	0.00	0.02	1.930	O				2.04
219.917	0.00	0.02	1.930	O				2.04
220.000	0.00	0.02	1.929	O				2.04
220.083	0.00	0.02	1.929	O				2.04
220.167	0.00	0.02	1.929	O				2.04
220.250	0.00	0.02	1.929	O				2.04
220.333	0.00	0.02	1.929	O				2.04
220.417	0.00	0.02	1.929	O				2.04
220.500	0.00	0.02	1.929	O				2.04
220.583	0.00	0.02	1.929	O				2.04
220.667	0.00	0.02	1.929	O				2.04
220.750	0.00	0.02	1.928	O				2.04
220.833	0.00	0.02	1.928	O				2.04
220.917	0.00	0.02	1.928	O				2.04
221.000	0.00	0.02	1.928	O				2.04
221.083	0.00	0.02	1.928	O				2.04
221.167	0.00	0.02	1.928	O				2.04
221.250	0.00	0.02	1.928	O				2.04
221.333	0.00	0.02	1.928	O				2.04
221.417	0.00	0.02	1.927	O				2.04
221.500	0.00	0.02	1.927	O				2.04
221.583	0.00	0.02	1.927	O				2.04
221.667	0.00	0.02	1.927	O				2.04
221.750	0.00	0.02	1.927	O				2.04
221.833	0.00	0.02	1.927	O				2.04
221.917	0.00	0.02	1.927	O				2.04
222.000	0.00	0.02	1.927	O				2.04
222.083	0.00	0.02	1.926	O				2.04
222.167	0.00	0.02	1.926	O				2.04
222.250	0.00	0.02	1.926	O				2.04
222.333	0.00	0.02	1.926	O				2.04
222.417	0.00	0.02	1.926	O				2.04
222.500	0.00	0.02	1.926	O				2.04
222.583	0.00	0.02	1.926	O				2.04
222.667	0.00	0.02	1.926	O				2.04
222.750	0.00	0.02	1.926	O				2.04
222.833	0.00	0.02	1.925	O				2.04
222.917	0.00	0.02	1.925	O				2.04
223.000	0.00	0.02	1.925	O				2.04

223.083	0.00	0.02	1.925	O				2.04
223.167	0.00	0.02	1.925	O				2.04
223.250	0.00	0.02	1.925	O				2.04
223.333	0.00	0.02	1.925	O				2.04
223.417	0.00	0.02	1.925	O				2.04
223.500	0.00	0.02	1.925	O				2.04
223.583	0.00	0.02	1.924	O				2.04
223.667	0.00	0.02	1.924	O				2.04
223.750	0.00	0.02	1.924	O				2.04
223.833	0.00	0.02	1.924	O				2.04
223.917	0.00	0.02	1.924	O				2.04
224.000	0.00	0.02	1.924	O				2.04
224.083	0.00	0.02	1.924	O				2.04
224.167	0.00	0.02	1.924	O				2.04
224.250	0.00	0.02	1.924	O				2.04
224.333	0.00	0.02	1.923	O				2.04
224.417	0.00	0.02	1.923	O				2.04
224.500	0.00	0.02	1.923	O				2.04
224.583	0.00	0.02	1.923	O				2.04
224.667	0.00	0.02	1.923	O				2.04
224.750	0.00	0.02	1.923	O				2.03
224.833	0.00	0.02	1.923	O				2.03
224.917	0.00	0.02	1.923	O				2.03
225.000	0.00	0.02	1.922	O				2.03
225.083	0.00	0.02	1.922	O				2.03
225.167	0.00	0.02	1.922	O				2.03
225.250	0.00	0.02	1.922	O				2.03
225.333	0.00	0.02	1.922	O				2.03
225.417	0.00	0.02	1.922	O				2.03
225.500	0.00	0.02	1.922	O				2.03
225.583	0.00	0.02	1.922	O				2.03
225.667	0.00	0.02	1.922	O				2.03
225.750	0.00	0.02	1.921	O				2.03
225.833	0.00	0.02	1.921	O				2.03
225.917	0.00	0.02	1.921	O				2.03
226.000	0.00	0.02	1.921	O				2.03
226.083	0.00	0.02	1.921	O				2.03
226.167	0.00	0.02	1.921	O				2.03
226.250	0.00	0.02	1.921	O				2.03
226.333	0.00	0.02	1.921	O				2.03
226.417	0.00	0.02	1.921	O				2.03
226.500	0.00	0.02	1.921	O				2.03
226.583	0.00	0.02	1.920	O				2.03
226.667	0.00	0.02	1.920	O				2.03
226.750	0.00	0.02	1.920	O				2.03
226.833	0.00	0.02	1.920	O				2.03
226.917	0.00	0.02	1.920	O				2.03
227.000	0.00	0.02	1.920	O				2.03
227.083	0.00	0.02	1.920	O				2.03
227.167	0.00	0.02	1.920	O				2.03

227.250	0.00	0.02	1.920	O				2.03
227.333	0.00	0.02	1.919	O				2.03
227.417	0.00	0.02	1.919	O				2.03
227.500	0.00	0.02	1.919	O				2.03
227.583	0.00	0.02	1.919	O				2.03
227.667	0.00	0.02	1.919	O				2.03
227.750	0.00	0.02	1.919	O				2.03
227.833	0.00	0.02	1.919	O				2.03
227.917	0.00	0.02	1.919	O				2.03
228.000	0.00	0.02	1.919	O				2.03
228.083	0.00	0.02	1.918	O				2.03
228.167	0.00	0.02	1.918	O				2.03
228.250	0.00	0.02	1.918	O				2.03
228.333	0.00	0.02	1.918	O				2.03
228.417	0.00	0.02	1.918	O				2.03
228.500	0.00	0.02	1.918	O				2.03
228.583	0.00	0.02	1.918	O				2.03
228.667	0.00	0.02	1.918	O				2.03
228.750	0.00	0.02	1.918	O				2.03
228.833	0.00	0.02	1.918	O				2.03
228.917	0.00	0.02	1.917	O				2.03
229.000	0.00	0.02	1.917	O				2.03
229.083	0.00	0.02	1.917	O				2.03
229.167	0.00	0.02	1.917	O				2.03
229.250	0.00	0.02	1.917	O				2.03
229.333	0.00	0.02	1.917	O				2.03
229.417	0.00	0.02	1.917	O				2.03
229.500	0.00	0.02	1.917	O				2.03
229.583	0.00	0.02	1.917	O				2.03
229.667	0.00	0.02	1.916	O				2.03
229.750	0.00	0.02	1.916	O				2.03
229.833	0.00	0.02	1.916	O				2.03
229.917	0.00	0.02	1.916	O				2.03
230.000	0.00	0.01	1.916	O				2.03
230.083	0.00	0.01	1.916	O				2.03
230.167	0.00	0.01	1.916	O				2.03
230.250	0.00	0.01	1.916	O				2.03
230.333	0.00	0.01	1.916	O				2.03
230.417	0.00	0.01	1.916	O				2.03
230.500	0.00	0.01	1.915	O				2.03
230.583	0.00	0.01	1.915	O				2.03
230.667	0.00	0.01	1.915	O				2.03
230.750	0.00	0.01	1.915	O				2.03
230.833	0.00	0.01	1.915	O				2.03
230.917	0.00	0.01	1.915	O				2.03
231.000	0.00	0.01	1.915	O				2.03
231.083	0.00	0.01	1.915	O				2.03
231.167	0.00	0.01	1.915	O				2.03
231.250	0.00	0.01	1.915	O				2.03
231.333	0.00	0.01	1.914	O				2.03

231.417	0.00	0.01	1.914	O				2.03
231.500	0.00	0.01	1.914	O				2.03
231.583	0.00	0.01	1.914	O				2.03
231.667	0.00	0.01	1.914	O				2.03
231.750	0.00	0.01	1.914	O				2.03
231.833	0.00	0.01	1.914	O				2.03
231.917	0.00	0.01	1.914	O				2.03
232.000	0.00	0.01	1.914	O				2.03
232.083	0.00	0.01	1.914	O				2.03
232.167	0.00	0.01	1.913	O				2.02
232.250	0.00	0.01	1.913	O				2.02
232.333	0.00	0.01	1.913	O				2.02
232.417	0.00	0.01	1.913	O				2.02
232.500	0.00	0.01	1.913	O				2.02
232.583	0.00	0.01	1.913	O				2.02
232.667	0.00	0.01	1.913	O				2.02
232.750	0.00	0.01	1.913	O				2.02
232.833	0.00	0.01	1.913	O				2.02
232.917	0.00	0.01	1.913	O				2.02
233.000	0.00	0.01	1.912	O				2.02
233.083	0.00	0.01	1.912	O				2.02
233.167	0.00	0.01	1.912	O				2.02
233.250	0.00	0.01	1.912	O				2.02
233.333	0.00	0.01	1.912	O				2.02
233.417	0.00	0.01	1.912	O				2.02
233.500	0.00	0.01	1.912	O				2.02
233.583	0.00	0.01	1.912	O				2.02
233.667	0.00	0.01	1.912	O				2.02
233.750	0.00	0.01	1.912	O				2.02
233.833	0.00	0.01	1.911	O				2.02
233.917	0.00	0.01	1.911	O				2.02
234.000	0.00	0.01	1.911	O				2.02
234.083	0.00	0.01	1.911	O				2.02
234.167	0.00	0.01	1.911	O				2.02
234.250	0.00	0.01	1.911	O				2.02
234.333	0.00	0.01	1.911	O				2.02
234.417	0.00	0.01	1.911	O				2.02
234.500	0.00	0.01	1.911	O				2.02
234.583	0.00	0.01	1.911	O				2.02
234.667	0.00	0.01	1.910	O				2.02
234.750	0.00	0.01	1.910	O				2.02
234.833	0.00	0.01	1.910	O				2.02
234.917	0.00	0.01	1.910	O				2.02
235.000	0.00	0.01	1.910	O				2.02
235.083	0.00	0.01	1.910	O				2.02
235.167	0.00	0.01	1.910	O				2.02
235.250	0.00	0.01	1.910	O				2.02
235.333	0.00	0.01	1.910	O				2.02
235.417	0.00	0.01	1.910	O				2.02
235.500	0.00	0.01	1.910	O				2.02

235.583	0.00	0.01	1.909	O				2.02
235.667	0.00	0.01	1.909	O				2.02
235.750	0.00	0.01	1.909	O				2.02
235.833	0.00	0.01	1.909	O				2.02
235.917	0.00	0.01	1.909	O				2.02
236.000	0.00	0.01	1.909	O				2.02
236.083	0.00	0.01	1.909	O				2.02
236.167	0.00	0.01	1.909	O				2.02
236.250	0.00	0.01	1.909	O				2.02
236.333	0.00	0.01	1.909	O				2.02
236.417	0.00	0.01	1.908	O				2.02
236.500	0.00	0.01	1.908	O				2.02
236.583	0.00	0.01	1.908	O				2.02
236.667	0.00	0.01	1.908	O				2.02
236.750	0.00	0.01	1.908	O				2.02
236.833	0.00	0.01	1.908	O				2.02
236.917	0.00	0.01	1.908	O				2.02
237.000	0.00	0.01	1.908	O				2.02
237.083	0.00	0.01	1.908	O				2.02
237.167	0.00	0.01	1.908	O				2.02
237.250	0.00	0.01	1.908	O				2.02
237.333	0.00	0.01	1.907	O				2.02
237.417	0.00	0.01	1.907	O				2.02
237.500	0.00	0.01	1.907	O				2.02
237.583	0.00	0.01	1.907	O				2.02
237.667	0.00	0.01	1.907	O				2.02
237.750	0.00	0.01	1.907	O				2.02
237.833	0.00	0.01	1.907	O				2.02
237.917	0.00	0.01	1.907	O				2.02
238.000	0.00	0.01	1.907	O				2.02
238.083	0.00	0.01	1.907	O				2.02
238.167	0.00	0.01	1.907	O				2.02
238.250	0.00	0.01	1.906	O				2.02
238.333	0.00	0.01	1.906	O				2.02
238.417	0.00	0.01	1.906	O				2.02
238.500	0.00	0.01	1.906	O				2.02
238.583	0.00	0.01	1.906	O				2.02
238.667	0.00	0.01	1.906	O				2.02
238.750	0.00	0.01	1.906	O				2.02
238.833	0.00	0.01	1.906	O				2.02
238.917	0.00	0.01	1.906	O				2.02
239.000	0.00	0.01	1.906	O				2.02
239.083	0.00	0.01	1.906	O				2.02
239.167	0.00	0.01	1.905	O				2.02
239.250	0.00	0.01	1.905	O				2.02
239.333	0.00	0.01	1.905	O				2.02
239.417	0.00	0.01	1.905	O				2.02
239.500	0.00	0.01	1.905	O				2.02
239.583	0.00	0.01	1.905	O				2.02
239.667	0.00	0.01	1.905	O				2.02

239.750	0.00	0.01	1.905	O				2.02
239.833	0.00	0.01	1.905	O				2.02
239.917	0.00	0.01	1.905	O				2.02
240.000	0.00	0.01	1.905	O				2.02
240.083	0.00	0.01	1.905	O				2.02
240.167	0.00	0.01	1.904	O				2.02
240.250	0.00	0.01	1.904	O				2.02
240.333	0.00	0.01	1.904	O				2.02
240.417	0.00	0.01	1.904	O				2.02
240.500	0.00	0.01	1.904	O				2.01
240.583	0.00	0.01	1.904	O				2.01
240.667	0.00	0.01	1.904	O				2.01
240.750	0.00	0.01	1.904	O				2.01
240.833	0.00	0.01	1.904	O				2.01
240.917	0.00	0.01	1.904	O				2.01
241.000	0.00	0.01	1.904	O				2.01
241.083	0.00	0.01	1.903	O				2.01
241.167	0.00	0.01	1.903	O				2.01
241.250	0.00	0.01	1.903	O				2.01
241.333	0.00	0.01	1.903	O				2.01
241.417	0.00	0.01	1.903	O				2.01
241.500	0.00	0.01	1.903	O				2.01
241.583	0.00	0.01	1.903	O				2.01
241.667	0.00	0.01	1.903	O				2.01
241.750	0.00	0.01	1.903	O				2.01
241.833	0.00	0.01	1.903	O				2.01
241.917	0.00	0.01	1.903	O				2.01
242.000	0.00	0.01	1.903	O				2.01
242.083	0.00	0.01	1.902	O				2.01
242.167	0.00	0.01	1.902	O				2.01
242.250	0.00	0.01	1.902	O				2.01
242.333	0.00	0.01	1.902	O				2.01
242.417	0.00	0.01	1.902	O				2.01
242.500	0.00	0.01	1.902	O				2.01
242.583	0.00	0.01	1.902	O				2.01
242.667	0.00	0.01	1.902	O				2.01
242.750	0.00	0.01	1.902	O				2.01
242.833	0.00	0.01	1.902	O				2.01
242.917	0.00	0.01	1.902	O				2.01
243.000	0.00	0.01	1.901	O				2.01
243.083	0.00	0.01	1.901	O				2.01
243.167	0.00	0.01	1.901	O				2.01
243.250	0.00	0.01	1.901	O				2.01
243.333	0.00	0.01	1.901	O				2.01
243.417	0.00	0.01	1.901	O				2.01
243.500	0.00	0.01	1.901	O				2.01
243.583	0.00	0.01	1.901	O				2.01
243.667	0.00	0.01	1.901	O				2.01
243.750	0.00	0.01	1.901	O				2.01
243.833	0.00	0.01	1.901	O				2.01

243.917	0.00	0.01	1.901	O				2.01
244.000	0.00	0.01	1.900	O				2.01
244.083	0.00	0.01	1.900	O				2.01
244.167	0.00	0.01	1.900	O				2.01
244.250	0.00	0.01	1.900	O				2.01
244.333	0.00	0.01	1.900	O				2.01
244.417	0.00	0.01	1.900	O				2.01
244.500	0.00	0.01	1.900	O				2.01
244.583	0.00	0.01	1.900	O				2.01
244.667	0.00	0.01	1.900	O				2.01
244.750	0.00	0.01	1.900	O				2.01
244.833	0.00	0.01	1.900	O				2.01
244.917	0.00	0.01	1.900	O				2.01
245.000	0.00	0.01	1.900	O				2.01
245.083	0.00	0.01	1.899	O				2.01
245.167	0.00	0.01	1.899	O				2.01
245.250	0.00	0.01	1.899	O				2.01
245.333	0.00	0.01	1.899	O				2.01
245.417	0.00	0.01	1.899	O				2.01
245.500	0.00	0.01	1.899	O				2.01
245.583	0.00	0.01	1.899	O				2.01
245.667	0.00	0.01	1.899	O				2.01
245.750	0.00	0.01	1.899	O				2.01
245.833	0.00	0.01	1.899	O				2.01
245.917	0.00	0.01	1.899	O				2.01
246.000	0.00	0.01	1.899	O				2.01
246.083	0.00	0.01	1.898	O				2.01
246.167	0.00	0.01	1.898	O				2.01
246.250	0.00	0.01	1.898	O				2.01
246.333	0.00	0.01	1.898	O				2.01
246.417	0.00	0.01	1.898	O				2.01
246.500	0.00	0.01	1.898	O				2.01
246.583	0.00	0.01	1.898	O				2.01
246.667	0.00	0.01	1.898	O				2.01
246.750	0.00	0.01	1.898	O				2.01
246.833	0.00	0.01	1.898	O				2.01
246.917	0.00	0.01	1.898	O				2.01
247.000	0.00	0.01	1.898	O				2.01
247.083	0.00	0.01	1.898	O				2.01
247.167	0.00	0.01	1.897	O				2.01
247.250	0.00	0.01	1.897	O				2.01
247.333	0.00	0.01	1.897	O				2.01
247.417	0.00	0.01	1.897	O				2.01
247.500	0.00	0.01	1.897	O				2.01
247.583	0.00	0.01	1.897	O				2.01
247.667	0.00	0.01	1.897	O				2.01
247.750	0.00	0.01	1.897	O				2.01
247.833	0.00	0.01	1.897	O				2.01
247.917	0.00	0.01	1.897	O				2.01
248.000	0.00	0.01	1.897	O				2.01

248.083	0.00	0.01	1.897	O				2.01
248.167	0.00	0.01	1.896	O				2.01
248.250	0.00	0.01	1.896	O				2.01
248.333	0.00	0.01	1.896	O				2.01
248.417	0.00	0.01	1.896	O				2.01
248.500	0.00	0.01	1.896	O				2.01
248.583	0.00	0.01	1.896	O				2.01
248.667	0.00	0.01	1.896	O				2.01
248.750	0.00	0.01	1.896	O				2.01
248.833	0.00	0.01	1.896	O				2.01
248.917	0.00	0.01	1.896	O				2.01
249.000	0.00	0.01	1.896	O				2.01
249.083	0.00	0.01	1.896	O				2.01
249.167	0.00	0.01	1.896	O				2.01
249.250	0.00	0.01	1.895	O				2.01
249.333	0.00	0.01	1.895	O				2.01
249.417	0.00	0.01	1.895	O				2.01
249.500	0.00	0.01	1.895	O				2.01
249.583	0.00	0.01	1.895	O				2.01
249.667	0.00	0.01	1.895	O				2.01
249.750	0.00	0.01	1.895	O				2.01
249.833	0.00	0.01	1.895	O				2.01
249.917	0.00	0.01	1.895	O				2.01
250.000	0.00	0.01	1.895	O				2.01
250.083	0.00	0.01	1.895	O				2.01
250.167	0.00	0.01	1.895	O				2.00
250.250	0.00	0.01	1.895	O				2.00
250.333	0.00	0.01	1.895	O				2.00
250.417	0.00	0.01	1.894	O				2.00
250.500	0.00	0.01	1.894	O				2.00
250.583	0.00	0.01	1.894	O				2.00
250.667	0.00	0.01	1.894	O				2.00
250.750	0.00	0.01	1.894	O				2.00
250.833	0.00	0.01	1.894	O				2.00
250.917	0.00	0.01	1.894	O				2.00
251.000	0.00	0.01	1.894	O				2.00
251.083	0.00	0.01	1.894	O				2.00
251.167	0.00	0.01	1.894	O				2.00
251.250	0.00	0.01	1.894	O				2.00
251.333	0.00	0.01	1.894	O				2.00
251.417	0.00	0.01	1.894	O				2.00
251.500	0.00	0.01	1.893	O				2.00
251.583	0.00	0.01	1.893	O				2.00
251.667	0.00	0.01	1.893	O				2.00
251.750	0.00	0.01	1.893	O				2.00
251.833	0.00	0.01	1.893	O				2.00
251.917	0.00	0.01	1.893	O				2.00
252.000	0.00	0.01	1.893	O				2.00
252.083	0.00	0.01	1.893	O				2.00
252.167	0.00	0.01	1.893	O				2.00

252.250	0.00	0.01	1.893	O				2.00
252.333	0.00	0.01	1.893	O				2.00
252.417	0.00	0.01	1.893	O				2.00
252.500	0.00	0.01	1.893	O				2.00
252.583	0.00	0.01	1.893	O				2.00
252.667	0.00	0.01	1.892	O				2.00
252.750	0.00	0.01	1.892	O				2.00
252.833	0.00	0.01	1.892	O				2.00
252.917	0.00	0.01	1.892	O				2.00
253.000	0.00	0.01	1.892	O				2.00
253.083	0.00	0.01	1.892	O				2.00
253.167	0.00	0.01	1.892	O				2.00
253.250	0.00	0.01	1.892	O				2.00
253.333	0.00	0.01	1.892	O				2.00
253.417	0.00	0.01	1.892	O				2.00
253.500	0.00	0.01	1.892	O				2.00
253.583	0.00	0.01	1.892	O				2.00
253.667	0.00	0.01	1.892	O				2.00
253.750	0.00	0.01	1.892	O				2.00
253.833	0.00	0.01	1.891	O				2.00
253.917	0.00	0.01	1.891	O				2.00
254.000	0.00	0.01	1.891	O				2.00
254.083	0.00	0.01	1.891	O				2.00
254.167	0.00	0.01	1.891	O				2.00
254.250	0.00	0.01	1.891	O				2.00
254.333	0.00	0.01	1.891	O				2.00
254.417	0.00	0.01	1.891	O				2.00
254.500	0.00	0.01	1.891	O				2.00
254.583	0.00	0.01	1.891	O				2.00
254.667	0.00	0.01	1.891	O				2.00
254.750	0.00	0.01	1.891	O				2.00
254.833	0.00	0.01	1.891	O				2.00
254.917	0.00	0.01	1.891	O				2.00
255.000	0.00	0.01	1.890	O				2.00
255.083	0.00	0.01	1.890	O				2.00
255.167	0.00	0.01	1.890	O				2.00
255.250	0.00	0.01	1.890	O				2.00
255.333	0.00	0.01	1.890	O				2.00
255.417	0.00	0.01	1.890	O				2.00
255.500	0.00	0.01	1.890	O				2.00
255.583	0.00	0.01	1.890	O				2.00
255.667	0.00	0.01	1.890	O				2.00
255.750	0.00	0.01	1.890	O				2.00
255.833	0.00	0.01	1.890	O				2.00
255.917	0.00	0.01	1.890	O				2.00
256.000	0.00	0.01	1.890	O				2.00
256.083	0.00	0.01	1.890	O				2.00
256.167	0.00	0.01	1.890	O				2.00
256.250	0.00	0.01	1.889	O				2.00
256.333	0.00	0.01	1.889	O				2.00

256.417	0.00	0.01	1.889	O				2.00
256.500	0.00	0.01	1.889	O				2.00
256.583	0.00	0.01	1.889	O				2.00
256.667	0.00	0.01	1.889	O				2.00
256.750	0.00	0.01	1.889	O				2.00
256.833	0.00	0.01	1.889	O				2.00
256.917	0.00	0.01	1.889	O				2.00
257.000	0.00	0.01	1.889	O				2.00
257.083	0.00	0.01	1.889	O				2.00
257.167	0.00	0.01	1.889	O				2.00
257.250	0.00	0.01	1.889	O				2.00
257.333	0.00	0.01	1.889	O				2.00
257.417	0.00	0.01	1.888	O				2.00
257.500	0.00	0.01	1.888	O				2.00
257.583	0.00	0.01	1.888	O				2.00
257.667	0.00	0.01	1.888	O				2.00
257.750	0.00	0.01	1.888	O				2.00
257.833	0.00	0.01	1.888	O				2.00
257.917	0.00	0.01	1.888	O				2.00
258.000	0.00	0.01	1.888	O				2.00
258.083	0.00	0.01	1.888	O				2.00
258.167	0.00	0.01	1.888	O				2.00
258.250	0.00	0.01	1.888	O				2.00
258.333	0.00	0.01	1.888	O				2.00
258.417	0.00	0.01	1.888	O				2.00
258.500	0.00	0.01	1.888	O				2.00
258.583	0.00	0.01	1.888	O				2.00
258.667	0.00	0.01	1.887	O				2.00
258.750	0.00	0.01	1.887	O				2.00
258.833	0.00	0.01	1.887	O				2.00
258.917	0.00	0.01	1.887	O				2.00
259.000	0.00	0.01	1.887	O				2.00
259.083	0.00	0.01	1.887	O				2.00
259.167	0.00	0.01	1.887	O				2.00
259.250	0.00	0.01	1.887	O				2.00
259.333	0.00	0.01	1.887	O				2.00
259.417	0.00	0.01	1.887	O				2.00
259.500	0.00	0.01	1.887	O				2.00
259.583	0.00	0.01	1.887	O				2.00
259.667	0.00	0.01	1.887	O				2.00
259.750	0.00	0.01	1.887	O				2.00
259.833	0.00	0.01	1.886	O				2.00
259.917	0.00	0.01	1.886	O				2.00
260.000	0.00	0.01	1.886	O				2.00
260.083	0.00	0.01	1.886	O				2.00
260.167	0.00	0.01	1.886	O				2.00
260.250	0.00	0.01	1.886	O				2.00
260.333	0.00	0.01	1.886	O				2.00
260.417	0.00	0.01	1.886	O				2.00
260.500	0.00	0.01	1.886	O				2.00

260.583	0.00	0.01	1.886	O				2.00
260.667	0.00	0.01	1.886	O				2.00
260.750	0.00	0.01	1.886	O				2.00
260.833	0.00	0.01	1.886	O				2.00
260.917	0.00	0.01	1.886	O				2.00
261.000	0.00	0.01	1.886	O				2.00
261.083	0.00	0.01	1.885	O				2.00
261.167	0.00	0.01	1.885	O				2.00
261.250	0.00	0.01	1.885	O				2.00
261.333	0.00	0.01	1.885	O				2.00
261.417	0.00	0.01	1.885	O				1.99
261.500	0.00	0.01	1.885	O				1.99
261.583	0.00	0.01	1.885	O				1.99
261.667	0.00	0.01	1.885	O				1.99
261.750	0.00	0.01	1.885	O				1.99
261.833	0.00	0.01	1.885	O				1.99
261.917	0.00	0.01	1.885	O				1.99
262.000	0.00	0.01	1.885	O				1.99
262.083	0.00	0.01	1.885	O				1.99
262.167	0.00	0.01	1.885	O				1.99
262.250	0.00	0.01	1.885	O				1.99
262.333	0.00	0.01	1.884	O				1.99
262.417	0.00	0.01	1.884	O				1.99
262.500	0.00	0.01	1.884	O				1.99
262.583	0.00	0.01	1.884	O				1.99
262.667	0.00	0.01	1.884	O				1.99
262.750	0.00	0.01	1.884	O				1.99
262.833	0.00	0.01	1.884	O				1.99
262.917	0.00	0.01	1.884	O				1.99
263.000	0.00	0.01	1.884	O				1.99
263.083	0.00	0.01	1.884	O				1.99
263.167	0.00	0.01	1.884	O				1.99
263.250	0.00	0.01	1.884	O				1.99
263.333	0.00	0.01	1.884	O				1.99
263.417	0.00	0.01	1.884	O				1.99
263.500	0.00	0.01	1.883	O				1.99
263.583	0.00	0.01	1.883	O				1.99
263.667	0.00	0.01	1.883	O				1.99
263.750	0.00	0.01	1.883	O				1.99
263.833	0.00	0.01	1.883	O				1.99
263.917	0.00	0.01	1.883	O				1.99
264.000	0.00	0.01	1.883	O				1.99
264.083	0.00	0.01	1.883	O				1.99
264.167	0.00	0.01	1.883	O				1.99
264.250	0.00	0.01	1.883	O				1.99
264.333	0.00	0.01	1.883	O				1.99
264.417	0.00	0.01	1.883	O				1.99
264.500	0.00	0.01	1.883	O				1.99
264.583	0.00	0.01	1.883	O				1.99
264.667	0.00	0.01	1.883	O				1.99

264.750	0.00	0.01	1.882	O				1.99
264.833	0.00	0.01	1.882	O				1.99
264.917	0.00	0.01	1.882	O				1.99
265.000	0.00	0.01	1.882	O				1.99
265.083	0.00	0.01	1.882	O				1.99
265.167	0.00	0.01	1.882	O				1.99
265.250	0.00	0.01	1.882	O				1.99
265.333	0.00	0.01	1.882	O				1.99
265.417	0.00	0.01	1.882	O				1.99
265.500	0.00	0.01	1.882	O				1.99
265.583	0.00	0.01	1.882	O				1.99
265.667	0.00	0.01	1.882	O				1.99
265.750	0.00	0.01	1.882	O				1.99
265.833	0.00	0.01	1.882	O				1.99
265.917	0.00	0.01	1.882	O				1.99
266.000	0.00	0.01	1.881	O				1.99
266.083	0.00	0.01	1.881	O				1.99
266.167	0.00	0.01	1.881	O				1.99
266.250	0.00	0.01	1.881	O				1.99
266.333	0.00	0.01	1.881	O				1.99
266.417	0.00	0.01	1.881	O				1.99
266.500	0.00	0.01	1.881	O				1.99
266.583	0.00	0.01	1.881	O				1.99
266.667	0.00	0.01	1.881	O				1.99
266.750	0.00	0.01	1.881	O				1.99
266.833	0.00	0.01	1.881	O				1.99
266.917	0.00	0.01	1.881	O				1.99
267.000	0.00	0.01	1.881	O				1.99
267.083	0.00	0.01	1.881	O				1.99
267.167	0.00	0.01	1.881	O				1.99
267.250	0.00	0.01	1.880	O				1.99
267.333	0.00	0.01	1.880	O				1.99
267.417	0.00	0.01	1.880	O				1.99
267.500	0.00	0.01	1.880	O				1.99
267.583	0.00	0.01	1.880	O				1.99
267.667	0.00	0.01	1.880	O				1.99
267.750	0.00	0.01	1.880	O				1.99
267.833	0.00	0.01	1.880	O				1.99
267.917	0.00	0.01	1.880	O				1.99
268.000	0.00	0.01	1.880	O				1.99
268.083	0.00	0.01	1.880	O				1.99
268.167	0.00	0.01	1.880	O				1.99
268.250	0.00	0.01	1.880	O				1.99
268.333	0.00	0.01	1.880	O				1.99
268.417	0.00	0.01	1.879	O				1.99
268.500	0.00	0.01	1.879	O				1.99
268.583	0.00	0.01	1.879	O				1.99
268.667	0.00	0.01	1.879	O				1.99
268.750	0.00	0.01	1.879	O				1.99
268.833	0.00	0.01	1.879	O				1.99

268.917	0.00	0.01	1.879	O				1.99
269.000	0.00	0.01	1.879	O				1.99
269.083	0.00	0.01	1.879	O				1.99
269.167	0.00	0.01	1.879	O				1.99
269.250	0.00	0.01	1.879	O				1.99
269.333	0.00	0.01	1.879	O				1.99
269.417	0.00	0.01	1.879	O				1.99
269.500	0.00	0.01	1.879	O				1.99
269.583	0.00	0.01	1.879	O				1.99
269.667	0.00	0.01	1.878	O				1.99
269.750	0.00	0.01	1.878	O				1.99
269.833	0.00	0.01	1.878	O				1.99
269.917	0.00	0.01	1.878	O				1.99
270.000	0.00	0.01	1.878	O				1.99
270.083	0.00	0.01	1.878	O				1.99
270.167	0.00	0.01	1.878	O				1.99
270.250	0.00	0.01	1.878	O				1.99
270.333	0.00	0.01	1.878	O				1.99
270.417	0.00	0.01	1.878	O				1.99
270.500	0.00	0.01	1.878	O				1.99
270.583	0.00	0.01	1.878	O				1.99
270.667	0.00	0.01	1.878	O				1.99
270.750	0.00	0.01	1.878	O				1.99
270.833	0.00	0.01	1.878	O				1.99
270.917	0.00	0.01	1.877	O				1.99
271.000	0.00	0.01	1.877	O				1.99
271.083	0.00	0.01	1.877	O				1.99
271.167	0.00	0.01	1.877	O				1.99
271.250	0.00	0.01	1.877	O				1.99
271.333	0.00	0.01	1.877	O				1.99
271.417	0.00	0.01	1.877	O				1.99
271.500	0.00	0.01	1.877	O				1.99
271.583	0.00	0.01	1.877	O				1.99
271.667	0.00	0.01	1.877	O				1.99
271.750	0.00	0.01	1.877	O				1.99
271.833	0.00	0.01	1.877	O				1.99
271.917	0.00	0.01	1.877	O				1.99
272.000	0.00	0.01	1.877	O				1.99
272.083	0.00	0.01	1.877	O				1.99
272.167	0.00	0.01	1.876	O				1.99
272.250	0.00	0.01	1.876	O				1.99
272.333	0.00	0.01	1.876	O				1.99
272.417	0.00	0.01	1.876	O				1.99
272.500	0.00	0.01	1.876	O				1.99
272.583	0.00	0.01	1.876	O				1.99
272.667	0.00	0.01	1.876	O				1.99
272.750	0.00	0.01	1.876	O				1.99
272.833	0.00	0.01	1.876	O				1.99
272.917	0.00	0.01	1.876	O				1.99
273.000	0.00	0.01	1.876	O				1.99

273.083	0.00	0.01	1.876	O				1.99
273.167	0.00	0.01	1.876	O				1.99
273.250	0.00	0.01	1.876	O				1.98
273.333	0.00	0.01	1.876	O				1.98
273.417	0.00	0.01	1.875	O				1.98
273.500	0.00	0.01	1.875	O				1.98
273.583	0.00	0.01	1.875	O				1.98
273.667	0.00	0.01	1.875	O				1.98
273.750	0.00	0.01	1.875	O				1.98
273.833	0.00	0.01	1.875	O				1.98
273.917	0.00	0.01	1.875	O				1.98
274.000	0.00	0.01	1.875	O				1.98
274.083	0.00	0.01	1.875	O				1.98
274.167	0.00	0.01	1.875	O				1.98
274.250	0.00	0.01	1.875	O				1.98
274.333	0.00	0.01	1.875	O				1.98
274.417	0.00	0.01	1.875	O				1.98
274.500	0.00	0.01	1.875	O				1.98
274.583	0.00	0.01	1.875	O				1.98
274.667	0.00	0.01	1.874	O				1.98
274.750	0.00	0.01	1.874	O				1.98
274.833	0.00	0.01	1.874	O				1.98
274.917	0.00	0.01	1.874	O				1.98
275.000	0.00	0.01	1.874	O				1.98
275.083	0.00	0.01	1.874	O				1.98
275.167	0.00	0.01	1.874	O				1.98
275.250	0.00	0.01	1.874	O				1.98
275.333	0.00	0.01	1.874	O				1.98
275.417	0.00	0.01	1.874	O				1.98
275.500	0.00	0.01	1.874	O				1.98
275.583	0.00	0.01	1.874	O				1.98
275.667	0.00	0.01	1.874	O				1.98
275.750	0.00	0.01	1.874	O				1.98
275.833	0.00	0.01	1.874	O				1.98
275.917	0.00	0.01	1.873	O				1.98
276.000	0.00	0.01	1.873	O				1.98
276.083	0.00	0.01	1.873	O				1.98
276.167	0.00	0.01	1.873	O				1.98
276.250	0.00	0.01	1.873	O				1.98
276.333	0.00	0.01	1.873	O				1.98
276.417	0.00	0.01	1.873	O				1.98
276.500	0.00	0.01	1.873	O				1.98
276.583	0.00	0.01	1.873	O				1.98
276.667	0.00	0.01	1.873	O				1.98
276.750	0.00	0.01	1.873	O				1.98
276.833	0.00	0.01	1.873	O				1.98
276.917	0.00	0.01	1.873	O				1.98
277.000	0.00	0.01	1.873	O				1.98
277.083	0.00	0.01	1.873	O				1.98
277.167	0.00	0.01	1.872	O				1.98

277.250	0.00	0.01	1.872	O				1.98
277.333	0.00	0.01	1.872	O				1.98
277.417	0.00	0.01	1.872	O				1.98
277.500	0.00	0.01	1.872	O				1.98
277.583	0.00	0.01	1.872	O				1.98
277.667	0.00	0.01	1.872	O				1.98
277.750	0.00	0.01	1.872	O				1.98
277.833	0.00	0.01	1.872	O				1.98
277.917	0.00	0.01	1.872	O				1.98
278.000	0.00	0.01	1.872	O				1.98
278.083	0.00	0.01	1.872	O				1.98
278.167	0.00	0.01	1.872	O				1.98
278.250	0.00	0.01	1.872	O				1.98
278.333	0.00	0.01	1.872	O				1.98
278.417	0.00	0.01	1.871	O				1.98
278.500	0.00	0.01	1.871	O				1.98
278.583	0.00	0.01	1.871	O				1.98
278.667	0.00	0.01	1.871	O				1.98
278.750	0.00	0.01	1.871	O				1.98
278.833	0.00	0.01	1.871	O				1.98
278.917	0.00	0.01	1.871	O				1.98
279.000	0.00	0.01	1.871	O				1.98
279.083	0.00	0.01	1.871	O				1.98
279.167	0.00	0.01	1.871	O				1.98
279.250	0.00	0.01	1.871	O				1.98
279.333	0.00	0.01	1.871	O				1.98
279.417	0.00	0.01	1.871	O				1.98
279.500	0.00	0.01	1.871	O				1.98
279.583	0.00	0.01	1.871	O				1.98
279.667	0.00	0.01	1.870	O				1.98
279.750	0.00	0.01	1.870	O				1.98
279.833	0.00	0.01	1.870	O				1.98
279.917	0.00	0.01	1.870	O				1.98
280.000	0.00	0.01	1.870	O				1.98
280.083	0.00	0.01	1.870	O				1.98
280.167	0.00	0.01	1.870	O				1.98
280.250	0.00	0.01	1.870	O				1.98
280.333	0.00	0.01	1.870	O				1.98
280.417	0.00	0.01	1.870	O				1.98
280.500	0.00	0.01	1.870	O				1.98
280.583	0.00	0.01	1.870	O				1.98
280.667	0.00	0.01	1.870	O				1.98
280.750	0.00	0.01	1.870	O				1.98
280.833	0.00	0.01	1.870	O				1.98
280.917	0.00	0.01	1.869	O				1.98
281.000	0.00	0.01	1.869	O				1.98
281.083	0.00	0.01	1.869	O				1.98
281.167	0.00	0.01	1.869	O				1.98
281.250	0.00	0.01	1.869	O				1.98
281.333	0.00	0.01	1.869	O				1.98

281.417	0.00	0.01	1.869	O				1.98
281.500	0.00	0.01	1.869	O				1.98
281.583	0.00	0.01	1.869	O				1.98
281.667	0.00	0.01	1.869	O				1.98
281.750	0.00	0.01	1.869	O				1.98
281.833	0.00	0.01	1.869	O				1.98
281.917	0.00	0.01	1.869	O				1.98
282.000	0.00	0.01	1.869	O				1.98
282.083	0.00	0.01	1.869	O				1.98
282.167	0.00	0.01	1.868	O				1.98
282.250	0.00	0.01	1.868	O				1.98
282.333	0.00	0.01	1.868	O				1.98
282.417	0.00	0.01	1.868	O				1.98
282.500	0.00	0.01	1.868	O				1.98
282.583	0.00	0.01	1.868	O				1.98
282.667	0.00	0.01	1.868	O				1.98
282.750	0.00	0.01	1.868	O				1.98
282.833	0.00	0.01	1.868	O				1.98
282.917	0.00	0.01	1.868	O				1.98
283.000	0.00	0.01	1.868	O				1.98
283.083	0.00	0.01	1.868	O				1.98
283.167	0.00	0.01	1.868	O				1.98
283.250	0.00	0.01	1.868	O				1.98
283.333	0.00	0.01	1.868	O				1.98
283.417	0.00	0.01	1.867	O				1.98
283.500	0.00	0.01	1.867	O				1.98
283.583	0.00	0.01	1.867	O				1.98
283.667	0.00	0.01	1.867	O				1.98
283.750	0.00	0.01	1.867	O				1.98
283.833	0.00	0.01	1.867	O				1.98
283.917	0.00	0.01	1.867	O				1.98
284.000	0.00	0.01	1.867	O				1.98
284.083	0.00	0.01	1.867	O				1.98
284.167	0.00	0.01	1.867	O				1.98
284.250	0.00	0.01	1.867	O				1.98
284.333	0.00	0.01	1.867	O				1.98
284.417	0.00	0.01	1.867	O				1.98
284.500	0.00	0.01	1.867	O				1.98
284.583	0.00	0.01	1.867	O				1.98
284.667	0.00	0.01	1.866	O				1.98
284.750	0.00	0.01	1.866	O				1.98
284.833	0.00	0.01	1.866	O				1.98
284.917	0.00	0.01	1.866	O				1.98
285.000	0.00	0.01	1.866	O				1.98
285.083	0.00	0.01	1.866	O				1.98
285.167	0.00	0.01	1.866	O				1.98
285.250	0.00	0.01	1.866	O				1.98
285.333	0.00	0.01	1.866	O				1.97
285.417	0.00	0.01	1.866	O				1.97
285.500	0.00	0.01	1.866	O				1.97

285.583	0.00	0.01	1.866	O				1.97
285.667	0.00	0.01	1.866	O				1.97
285.750	0.00	0.01	1.866	O				1.97
285.833	0.00	0.01	1.866	O				1.97
285.917	0.00	0.01	1.866	O				1.97
286.000	0.00	0.01	1.865	O				1.97
286.083	0.00	0.01	1.865	O				1.97
286.167	0.00	0.01	1.865	O				1.97
286.250	0.00	0.01	1.865	O				1.97
286.333	0.00	0.01	1.865	O				1.97
286.417	0.00	0.01	1.865	O				1.97
286.500	0.00	0.01	1.865	O				1.97
286.583	0.00	0.01	1.865	O				1.97
286.667	0.00	0.01	1.865	O				1.97
286.750	0.00	0.01	1.865	O				1.97
286.833	0.00	0.01	1.865	O				1.97
286.917	0.00	0.01	1.865	O				1.97
287.000	0.00	0.01	1.865	O				1.97
287.083	0.00	0.01	1.865	O				1.97
287.167	0.00	0.01	1.865	O				1.97
287.250	0.00	0.01	1.864	O				1.97
287.333	0.00	0.01	1.864	O				1.97
287.417	0.00	0.01	1.864	O				1.97
287.500	0.00	0.01	1.864	O				1.97
287.583	0.00	0.01	1.864	O				1.97
287.667	0.00	0.01	1.864	O				1.97
287.750	0.00	0.01	1.864	O				1.97
287.833	0.00	0.01	1.864	O				1.97
287.917	0.00	0.01	1.864	O				1.97
288.000	0.00	0.01	1.864	O				1.97
288.083	0.00	0.01	1.864	O				1.97
288.167	0.00	0.01	1.864	O				1.97
288.250	0.00	0.01	1.864	O				1.97
288.333	0.00	0.01	1.864	O				1.97
288.417	0.00	0.01	1.864	O				1.97
288.500	0.00	0.01	1.863	O				1.97
288.583	0.00	0.01	1.863	O				1.97
288.667	0.00	0.01	1.863	O				1.97
288.750	0.00	0.01	1.863	O				1.97
288.833	0.00	0.01	1.863	O				1.97
288.917	0.00	0.01	1.863	O				1.97
289.000	0.00	0.01	1.863	O				1.97
289.083	0.00	0.01	1.863	O				1.97
289.167	0.00	0.01	1.863	O				1.97
289.250	0.00	0.01	1.863	O				1.97
289.333	0.00	0.01	1.863	O				1.97
289.417	0.00	0.01	1.863	O				1.97
289.500	0.00	0.01	1.863	O				1.97
289.583	0.00	0.01	1.863	O				1.97
289.667	0.00	0.01	1.863	O				1.97

289.750	0.00	0.01	1.862	O				1.97
289.833	0.00	0.01	1.862	O				1.97
289.917	0.00	0.01	1.862	O				1.97
290.000	0.00	0.01	1.862	O				1.97
290.083	0.00	0.01	1.862	O				1.97
290.167	0.00	0.01	1.862	O				1.97
290.250	0.00	0.01	1.862	O				1.97
290.333	0.00	0.01	1.862	O				1.97
290.417	0.00	0.01	1.862	O				1.97
290.500	0.00	0.01	1.862	O				1.97
290.583	0.00	0.01	1.862	O				1.97
290.667	0.00	0.01	1.862	O				1.97
290.750	0.00	0.01	1.862	O				1.97
290.833	0.00	0.01	1.862	O				1.97
290.917	0.00	0.01	1.862	O				1.97
291.000	0.00	0.01	1.862	O				1.97
291.083	0.00	0.01	1.861	O				1.97
291.167	0.00	0.01	1.861	O				1.97
291.250	0.00	0.01	1.861	O				1.97
291.333	0.00	0.01	1.861	O				1.97
291.417	0.00	0.01	1.861	O				1.97
291.500	0.00	0.01	1.861	O				1.97
291.583	0.00	0.01	1.861	O				1.97
291.667	0.00	0.01	1.861	O				1.97
291.750	0.00	0.01	1.861	O				1.97
291.833	0.00	0.01	1.861	O				1.97
291.917	0.00	0.01	1.861	O				1.97
292.000	0.00	0.01	1.861	O				1.97
292.083	0.00	0.01	1.861	O				1.97
292.167	0.00	0.01	1.861	O				1.97
292.250	0.00	0.01	1.861	O				1.97
292.333	0.00	0.01	1.860	O				1.97
292.417	0.00	0.01	1.860	O				1.97
292.500	0.00	0.01	1.860	O				1.97
292.583	0.00	0.01	1.860	O				1.97
292.667	0.00	0.01	1.860	O				1.97
292.750	0.00	0.01	1.860	O				1.97
292.833	0.00	0.01	1.860	O				1.97
292.917	0.00	0.01	1.860	O				1.97
293.000	0.00	0.01	1.860	O				1.97
293.083	0.00	0.01	1.860	O				1.97
293.167	0.00	0.01	1.860	O				1.97
293.250	0.00	0.01	1.860	O				1.97
293.333	0.00	0.01	1.860	O				1.97
293.417	0.00	0.01	1.860	O				1.97
293.500	0.00	0.01	1.860	O				1.97
293.583	0.00	0.01	1.859	O				1.97
293.667	0.00	0.01	1.859	O				1.97
293.750	0.00	0.01	1.859	O				1.97
293.833	0.00	0.01	1.859	O				1.97

293.917	0.00	0.01	1.859	O				1.97
294.000	0.00	0.01	1.859	O				1.97
294.083	0.00	0.01	1.859	O				1.97
294.167	0.00	0.01	1.859	O				1.97
294.250	0.00	0.01	1.859	O				1.97
294.333	0.00	0.01	1.859	O				1.97
294.417	0.00	0.01	1.859	O				1.97
294.500	0.00	0.01	1.859	O				1.97
294.583	0.00	0.01	1.859	O				1.97
294.667	0.00	0.01	1.859	O				1.97
294.750	0.00	0.01	1.859	O				1.97
294.833	0.00	0.01	1.859	O				1.97
294.917	0.00	0.01	1.858	O				1.97
295.000	0.00	0.01	1.858	O				1.97
295.083	0.00	0.01	1.858	O				1.97
295.167	0.00	0.01	1.858	O				1.97
295.250	0.00	0.01	1.858	O				1.97
295.333	0.00	0.01	1.858	O				1.97
295.417	0.00	0.01	1.858	O				1.97
295.500	0.00	0.01	1.858	O				1.97
295.583	0.00	0.01	1.858	O				1.97
295.667	0.00	0.01	1.858	O				1.97
295.750	0.00	0.01	1.858	O				1.97
295.833	0.00	0.01	1.858	O				1.97
295.917	0.00	0.01	1.858	O				1.97
296.000	0.00	0.01	1.858	O				1.97
296.083	0.00	0.01	1.858	O				1.97
296.167	0.00	0.01	1.857	O				1.97
296.250	0.00	0.01	1.857	O				1.97
296.333	0.00	0.01	1.857	O				1.97
296.417	0.00	0.01	1.857	O				1.97
296.500	0.00	0.01	1.857	O				1.97
296.583	0.00	0.01	1.857	O				1.97
296.667	0.00	0.01	1.857	O				1.97
296.750	0.00	0.01	1.857	O				1.97
296.833	0.00	0.01	1.857	O				1.97
296.917	0.00	0.01	1.857	O				1.97
297.000	0.00	0.01	1.857	O				1.97
297.083	0.00	0.01	1.857	O				1.97
297.167	0.00	0.01	1.857	O				1.97
297.250	0.00	0.01	1.857	O				1.97
297.333	0.00	0.01	1.857	O				1.97
297.417	0.00	0.01	1.857	O				1.97
297.500	0.00	0.01	1.856	O				1.97
297.583	0.00	0.01	1.856	O				1.96
297.667	0.00	0.01	1.856	O				1.96
297.750	0.00	0.01	1.856	O				1.96
297.833	0.00	0.01	1.856	O				1.96
297.917	0.00	0.01	1.856	O				1.96
298.000	0.00	0.01	1.856	O				1.96

298.083	0.00	0.01	1.856	O				1.96
298.167	0.00	0.01	1.856	O				1.96
298.250	0.00	0.01	1.856	O				1.96
298.333	0.00	0.01	1.856	O				1.96
298.417	0.00	0.01	1.856	O				1.96
298.500	0.00	0.01	1.856	O				1.96
298.583	0.00	0.01	1.856	O				1.96
298.667	0.00	0.01	1.856	O				1.96
298.750	0.00	0.01	1.855	O				1.96
298.833	0.00	0.01	1.855	O				1.96
298.917	0.00	0.01	1.855	O				1.96
299.000	0.00	0.01	1.855	O				1.96
299.083	0.00	0.01	1.855	O				1.96
299.167	0.00	0.01	1.855	O				1.96
299.250	0.00	0.01	1.855	O				1.96
299.333	0.00	0.01	1.855	O				1.96
299.417	0.00	0.01	1.855	O				1.96
299.500	0.00	0.01	1.855	O				1.96
299.583	0.00	0.01	1.855	O				1.96
299.667	0.00	0.01	1.855	O				1.96
299.750	0.00	0.01	1.855	O				1.96
299.833	0.00	0.01	1.855	O				1.96
299.917	0.00	0.01	1.855	O				1.96
300.000	0.00	0.01	1.855	O				1.96
300.083	0.00	0.01	1.854	O				1.96
300.167	0.00	0.01	1.854	O				1.96
300.250	0.00	0.01	1.854	O				1.96
300.333	0.00	0.01	1.854	O				1.96
300.417	0.00	0.01	1.854	O				1.96
300.500	0.00	0.01	1.854	O				1.96
300.583	0.00	0.01	1.854	O				1.96
300.667	0.00	0.01	1.854	O				1.96
300.750	0.00	0.01	1.854	O				1.96
300.833	0.00	0.01	1.854	O				1.96
300.917	0.00	0.01	1.854	O				1.96
301.000	0.00	0.01	1.854	O				1.96
301.083	0.00	0.01	1.854	O				1.96
301.167	0.00	0.01	1.854	O				1.96
301.250	0.00	0.01	1.854	O				1.96
301.333	0.00	0.01	1.853	O				1.96
301.417	0.00	0.01	1.853	O				1.96
301.500	0.00	0.01	1.853	O				1.96
301.583	0.00	0.01	1.853	O				1.96
301.667	0.00	0.01	1.853	O				1.96
301.750	0.00	0.01	1.853	O				1.96
301.833	0.00	0.01	1.853	O				1.96
301.917	0.00	0.01	1.853	O				1.96
302.000	0.00	0.01	1.853	O				1.96
302.083	0.00	0.01	1.853	O				1.96
302.167	0.00	0.01	1.853	O				1.96

302.250	0.00	0.01	1.853	O				1.96
302.333	0.00	0.01	1.853	O				1.96
302.417	0.00	0.01	1.853	O				1.96
302.500	0.00	0.01	1.853	O				1.96
302.583	0.00	0.01	1.853	O				1.96
302.667	0.00	0.01	1.852	O				1.96
302.750	0.00	0.01	1.852	O				1.96
302.833	0.00	0.01	1.852	O				1.96
302.917	0.00	0.01	1.852	O				1.96
303.000	0.00	0.01	1.852	O				1.96
303.083	0.00	0.01	1.852	O				1.96
303.167	0.00	0.01	1.852	O				1.96
303.250	0.00	0.01	1.852	O				1.96
303.333	0.00	0.01	1.852	O				1.96
303.417	0.00	0.01	1.852	O				1.96
303.500	0.00	0.01	1.852	O				1.96
303.583	0.00	0.01	1.852	O				1.96
303.667	0.00	0.01	1.852	O				1.96
303.750	0.00	0.01	1.852	O				1.96
303.833	0.00	0.01	1.852	O				1.96
303.917	0.00	0.01	1.852	O				1.96
304.000	0.00	0.01	1.851	O				1.96
304.083	0.00	0.01	1.851	O				1.96
304.167	0.00	0.01	1.851	O				1.96
304.250	0.00	0.01	1.851	O				1.96
304.333	0.00	0.01	1.851	O				1.96
304.417	0.00	0.01	1.851	O				1.96
304.500	0.00	0.01	1.851	O				1.96
304.583	0.00	0.01	1.851	O				1.96
304.667	0.00	0.01	1.851	O				1.96
304.750	0.00	0.01	1.851	O				1.96
304.833	0.00	0.01	1.851	O				1.96
304.917	0.00	0.01	1.851	O				1.96
305.000	0.00	0.01	1.851	O				1.96
305.083	0.00	0.01	1.851	O				1.96
305.167	0.00	0.01	1.851	O				1.96
305.250	0.00	0.01	1.850	O				1.96
305.333	0.00	0.01	1.850	O				1.96
305.417	0.00	0.01	1.850	O				1.96
305.500	0.00	0.01	1.850	O				1.96
305.583	0.00	0.01	1.850	O				1.96
305.667	0.00	0.01	1.850	O				1.96
305.750	0.00	0.01	1.850	O				1.96
305.833	0.00	0.01	1.850	O				1.96
305.917	0.00	0.01	1.850	O				1.96
306.000	0.00	0.01	1.850	O				1.96
306.083	0.00	0.01	1.850	O				1.96
306.167	0.00	0.01	1.850	O				1.96
306.250	0.00	0.01	1.850	O				1.96
306.333	0.00	0.01	1.850	O				1.96

306.417	0.00	0.01	1.850	O				1.96
306.500	0.00	0.01	1.850	O				1.96
306.583	0.00	0.01	1.849	O				1.96
306.667	0.00	0.01	1.849	O				1.96
306.750	0.00	0.01	1.849	O				1.96
306.833	0.00	0.01	1.849	O				1.96
306.917	0.00	0.01	1.849	O				1.96
307.000	0.00	0.01	1.849	O				1.96
307.083	0.00	0.01	1.849	O				1.96
307.167	0.00	0.01	1.849	O				1.96
307.250	0.00	0.01	1.849	O				1.96
307.333	0.00	0.01	1.849	O				1.96
307.417	0.00	0.01	1.849	O				1.96
307.500	0.00	0.01	1.849	O				1.96
307.583	0.00	0.01	1.849	O				1.96
307.667	0.00	0.01	1.849	O				1.96
307.750	0.00	0.01	1.849	O				1.96
307.833	0.00	0.01	1.849	O				1.96
307.917	0.00	0.01	1.848	O				1.96
308.000	0.00	0.01	1.848	O				1.96
308.083	0.00	0.01	1.848	O				1.96
308.167	0.00	0.01	1.848	O				1.96
308.250	0.00	0.01	1.848	O				1.96
308.333	0.00	0.01	1.848	O				1.96
308.417	0.00	0.01	1.848	O				1.96
308.500	0.00	0.01	1.848	O				1.96
308.583	0.00	0.01	1.848	O				1.96
308.667	0.00	0.01	1.848	O				1.96
308.750	0.00	0.01	1.848	O				1.96
308.833	0.00	0.01	1.848	O				1.96
308.917	0.00	0.01	1.848	O				1.96
309.000	0.00	0.01	1.848	O				1.96
309.083	0.00	0.01	1.848	O				1.96
309.167	0.00	0.01	1.847	O				1.96
309.250	0.00	0.01	1.847	O				1.96
309.333	0.00	0.01	1.847	O				1.96
309.417	0.00	0.01	1.847	O				1.96
309.500	0.00	0.01	1.847	O				1.96
309.583	0.00	0.01	1.847	O				1.96
309.667	0.00	0.01	1.847	O				1.96
309.750	0.00	0.01	1.847	O				1.96
309.833	0.00	0.01	1.847	O				1.96
309.917	0.00	0.01	1.847	O				1.96
310.000	0.00	0.01	1.847	O				1.96
310.083	0.00	0.01	1.847	O				1.95
310.167	0.00	0.01	1.847	O				1.95
310.250	0.00	0.01	1.847	O				1.95
310.333	0.00	0.01	1.847	O				1.95
310.417	0.00	0.01	1.847	O				1.95
310.500	0.00	0.01	1.846	O				1.95

310.583	0.00	0.01	1.846	O				1.95
310.667	0.00	0.01	1.846	O				1.95
310.750	0.00	0.01	1.846	O				1.95
310.833	0.00	0.01	1.846	O				1.95
310.917	0.00	0.01	1.846	O				1.95
311.000	0.00	0.01	1.846	O				1.95
311.083	0.00	0.01	1.846	O				1.95
311.167	0.00	0.01	1.846	O				1.95
311.250	0.00	0.01	1.846	O				1.95
311.333	0.00	0.01	1.846	O				1.95
311.417	0.00	0.01	1.846	O				1.95
311.500	0.00	0.01	1.846	O				1.95
311.583	0.00	0.01	1.846	O				1.95
311.667	0.00	0.01	1.846	O				1.95
311.750	0.00	0.01	1.846	O				1.95
311.833	0.00	0.01	1.845	O				1.95
311.917	0.00	0.01	1.845	O				1.95
312.000	0.00	0.01	1.845	O				1.95
312.083	0.00	0.01	1.845	O				1.95
312.167	0.00	0.01	1.845	O				1.95
312.250	0.00	0.01	1.845	O				1.95
312.333	0.00	0.01	1.845	O				1.95
312.417	0.00	0.01	1.845	O				1.95
312.500	0.00	0.01	1.845	O				1.95
312.583	0.00	0.01	1.845	O				1.95
312.667	0.00	0.01	1.845	O				1.95
312.750	0.00	0.01	1.845	O				1.95
312.833	0.00	0.01	1.845	O				1.95
312.917	0.00	0.01	1.845	O				1.95
313.000	0.00	0.01	1.845	O				1.95
313.083	0.00	0.01	1.845	O				1.95
313.167	0.00	0.01	1.844	O				1.95
313.250	0.00	0.01	1.844	O				1.95
313.333	0.00	0.01	1.844	O				1.95
313.417	0.00	0.01	1.844	O				1.95
313.500	0.00	0.01	1.844	O				1.95
313.583	0.00	0.01	1.844	O				1.95
313.667	0.00	0.01	1.844	O				1.95
313.750	0.00	0.01	1.844	O				1.95
313.833	0.00	0.01	1.844	O				1.95
313.917	0.00	0.01	1.844	O				1.95
314.000	0.00	0.01	1.844	O				1.95
314.083	0.00	0.01	1.844	O				1.95
314.167	0.00	0.01	1.844	O				1.95
314.250	0.00	0.01	1.844	O				1.95
314.333	0.00	0.01	1.844	O				1.95
314.417	0.00	0.01	1.844	O				1.95
314.500	0.00	0.01	1.843	O				1.95
314.583	0.00	0.01	1.843	O				1.95
314.667	0.00	0.01	1.843	O				1.95

314.750	0.00	0.01	1.843	O	|	|	|	1.95
314.833	0.00	0.01	1.843	O	|	|	|	1.95
314.917	0.00	0.01	1.843	O	|	|	|	1.95
315.000	0.00	0.01	1.843	O	|	|	|	1.95
315.083	0.00	0.01	1.843	O	|	|	|	1.95
315.167	0.00	0.01	1.843	O	|	|	|	1.95
315.250	0.00	0.01	1.843	O	|	|	|	1.95
315.333	0.00	0.01	1.843	O	|	|	|	1.95
315.417	0.00	0.01	1.843	O	|	|	|	1.95
315.500	0.00	0.01	1.843	O	|	|	|	1.95
315.583	0.00	0.01	1.843	O	|	|	|	1.95
315.667	0.00	0.01	1.843	O	|	|	|	1.95
315.750	0.00	0.01	1.843	O	|	|	|	1.95
315.833	0.00	0.01	1.842	O	|	|	|	1.95
315.917	0.00	0.01	1.842	O	|	|	|	1.95
316.000	0.00	0.01	1.842	O	|	|	|	1.95
316.083	0.00	0.01	1.842	O	|	|	|	1.95
316.167	0.00	0.01	1.842	O	|	|	|	1.95
316.250	0.00	0.01	1.842	O	|	|	|	1.95
316.333	0.00	0.01	1.842	O	|	|	|	1.95
316.417	0.00	0.01	1.842	O	|	|	|	1.95
316.500	0.00	0.01	1.842	O	|	|	|	1.95
316.583	0.00	0.01	1.842	O	|	|	|	1.95
316.667	0.00	0.01	1.842	O	|	|	|	1.95
316.750	0.00	0.01	1.842	O	|	|	|	1.95
316.833	0.00	0.01	1.842	O	|	|	|	1.95
316.917	0.00	0.01	1.842	O	|	|	|	1.95
317.000	0.00	0.01	1.842	O	|	|	|	1.95
317.083	0.00	0.01	1.842	O	|	|	|	1.95
317.167	0.00	0.01	1.841	O	|	|	|	1.95
317.250	0.00	0.01	1.841	O	|	|	|	1.95
317.333	0.00	0.01	1.841	O	|	|	|	1.95
317.417	0.00	0.01	1.841	O	|	|	|	1.95
317.500	0.00	0.01	1.841	O	|	|	|	1.95
317.583	0.00	0.01	1.841	O	|	|	|	1.95
317.667	0.00	0.01	1.841	O	|	|	|	1.95
317.750	0.00	0.01	1.841	O	|	|	|	1.95
317.833	0.00	0.01	1.841	O	|	|	|	1.95
317.917	0.00	0.01	1.841	O	|	|	|	1.95
318.000	0.00	0.01	1.841	O	|	|	|	1.95
318.083	0.00	0.01	1.841	O	|	|	|	1.95
318.167	0.00	0.01	1.841	O	|	|	|	1.95
318.250	0.00	0.01	1.841	O	|	|	|	1.95
318.333	0.00	0.01	1.841	O	|	|	|	1.95
318.417	0.00	0.01	1.841	O	|	|	|	1.95
318.500	0.00	0.01	1.840	O	|	|	|	1.95
318.583	0.00	0.01	1.840	O	|	|	|	1.95
318.667	0.00	0.01	1.840	O	|	|	|	1.95
318.750	0.00	0.01	1.840	O	|	|	|	1.95
318.833	0.00	0.01	1.840	O	|	|	|	1.95

318.917	0.00	0.01	1.840	O				1.95
319.000	0.00	0.01	1.840	O				1.95
319.083	0.00	0.01	1.840	O				1.95
319.167	0.00	0.01	1.840	O				1.95
319.250	0.00	0.01	1.840	O				1.95
319.333	0.00	0.01	1.840	O				1.95
319.417	0.00	0.01	1.840	O				1.95
319.500	0.00	0.01	1.840	O				1.95
319.583	0.00	0.01	1.840	O				1.95
319.667	0.00	0.01	1.840	O				1.95
319.750	0.00	0.01	1.840	O				1.95
319.833	0.00	0.01	1.839	O				1.95
319.917	0.00	0.01	1.839	O				1.95
320.000	0.00	0.01	1.839	O				1.95
320.083	0.00	0.01	1.839	O				1.95
320.167	0.00	0.01	1.839	O				1.95
320.250	0.00	0.01	1.839	O				1.95
320.333	0.00	0.01	1.839	O				1.95
320.417	0.00	0.01	1.839	O				1.95
320.500	0.00	0.01	1.839	O				1.95
320.583	0.00	0.01	1.839	O				1.95
320.667	0.00	0.01	1.839	O				1.95
320.750	0.00	0.01	1.839	O				1.95
320.833	0.00	0.01	1.839	O				1.95
320.917	0.00	0.01	1.839	O				1.95
321.000	0.00	0.01	1.839	O				1.95
321.083	0.00	0.01	1.839	O				1.95
321.167	0.00	0.01	1.838	O				1.95
321.250	0.00	0.01	1.838	O				1.95
321.333	0.00	0.01	1.838	O				1.95
321.417	0.00	0.01	1.838	O				1.95
321.500	0.00	0.01	1.838	O				1.95
321.583	0.00	0.01	1.838	O				1.95
321.667	0.00	0.01	1.838	O				1.95
321.750	0.00	0.01	1.838	O				1.95
321.833	0.00	0.01	1.838	O				1.95
321.917	0.00	0.01	1.838	O				1.95
322.000	0.00	0.01	1.838	O				1.95
322.083	0.00	0.01	1.838	O				1.95
322.167	0.00	0.01	1.838	O				1.95
322.250	0.00	0.01	1.838	O				1.95
322.333	0.00	0.01	1.838	O				1.95
322.417	0.00	0.01	1.838	O				1.95
322.500	0.00	0.01	1.837	O				1.95
322.583	0.00	0.01	1.837	O				1.95
322.667	0.00	0.01	1.837	O				1.95
322.750	0.00	0.01	1.837	O				1.95
322.833	0.00	0.01	1.837	O				1.95
322.917	0.00	0.01	1.837	O				1.94
323.000	0.00	0.01	1.837	O				1.94

323.083	0.00	0.01	1.837	O				1.94
323.167	0.00	0.01	1.837	O				1.94
323.250	0.00	0.01	1.837	O				1.94
323.333	0.00	0.01	1.837	O				1.94
323.417	0.00	0.01	1.837	O				1.94
323.500	0.00	0.01	1.837	O				1.94
323.583	0.00	0.01	1.837	O				1.94
323.667	0.00	0.01	1.837	O				1.94
323.750	0.00	0.01	1.837	O				1.94
323.833	0.00	0.01	1.836	O				1.94
323.917	0.00	0.01	1.836	O				1.94
324.000	0.00	0.01	1.836	O				1.94
324.083	0.00	0.01	1.836	O				1.94
324.167	0.00	0.01	1.836	O				1.94
324.250	0.00	0.01	1.836	O				1.94
324.333	0.00	0.01	1.836	O				1.94
324.417	0.00	0.01	1.836	O				1.94
324.500	0.00	0.01	1.836	O				1.94
324.583	0.00	0.01	1.836	O				1.94
324.667	0.00	0.01	1.836	O				1.94
324.750	0.00	0.01	1.836	O				1.94
324.833	0.00	0.01	1.836	O				1.94
324.917	0.00	0.01	1.836	O				1.94
325.000	0.00	0.01	1.836	O				1.94
325.083	0.00	0.01	1.836	O				1.94
325.167	0.00	0.01	1.835	O				1.94
325.250	0.00	0.01	1.835	O				1.94
325.333	0.00	0.01	1.835	O				1.94
325.417	0.00	0.01	1.835	O				1.94
325.500	0.00	0.01	1.835	O				1.94
325.583	0.00	0.01	1.835	O				1.94
325.667	0.00	0.01	1.835	O				1.94
325.750	0.00	0.01	1.835	O				1.94
325.833	0.00	0.01	1.835	O				1.94
325.917	0.00	0.01	1.835	O				1.94
326.000	0.00	0.01	1.835	O				1.94
326.083	0.00	0.01	1.835	O				1.94
326.167	0.00	0.01	1.835	O				1.94
326.250	0.00	0.01	1.835	O				1.94
326.333	0.00	0.01	1.835	O				1.94
326.417	0.00	0.01	1.835	O				1.94
326.500	0.00	0.01	1.834	O				1.94
326.583	0.00	0.01	1.834	O				1.94
326.667	0.00	0.01	1.834	O				1.94
326.750	0.00	0.01	1.834	O				1.94
326.833	0.00	0.01	1.834	O				1.94
326.917	0.00	0.01	1.834	O				1.94
327.000	0.00	0.01	1.834	O				1.94
327.083	0.00	0.01	1.834	O				1.94
327.167	0.00	0.01	1.834	O				1.94

327.250	0.00	0.01	1.834	O				1.94
327.333	0.00	0.01	1.834	O				1.94
327.417	0.00	0.01	1.834	O				1.94
327.500	0.00	0.01	1.834	O				1.94
327.583	0.00	0.01	1.834	O				1.94
327.667	0.00	0.01	1.834	O				1.94
327.750	0.00	0.01	1.834	O				1.94
327.833	0.00	0.01	1.834	O				1.94
327.917	0.00	0.01	1.833	O				1.94
328.000	0.00	0.01	1.833	O				1.94
328.083	0.00	0.01	1.833	O				1.94
328.167	0.00	0.01	1.833	O				1.94
328.250	0.00	0.01	1.833	O				1.94
328.333	0.00	0.01	1.833	O				1.94
328.417	0.00	0.01	1.833	O				1.94
328.500	0.00	0.01	1.833	O				1.94
328.583	0.00	0.01	1.833	O				1.94
328.667	0.00	0.01	1.833	O				1.94
328.750	0.00	0.01	1.833	O				1.94
328.833	0.00	0.01	1.833	O				1.94
328.917	0.00	0.01	1.833	O				1.94
329.000	0.00	0.01	1.833	O				1.94
329.083	0.00	0.01	1.833	O				1.94
329.167	0.00	0.01	1.833	O				1.94
329.250	0.00	0.01	1.832	O				1.94
329.333	0.00	0.01	1.832	O				1.94
329.417	0.00	0.01	1.832	O				1.94
329.500	0.00	0.01	1.832	O				1.94
329.583	0.00	0.01	1.832	O				1.94
329.667	0.00	0.01	1.832	O				1.94
329.750	0.00	0.01	1.832	O				1.94
329.833	0.00	0.01	1.832	O				1.94
329.917	0.00	0.01	1.832	O				1.94
330.000	0.00	0.01	1.832	O				1.94
330.083	0.00	0.01	1.832	O				1.94
330.167	0.00	0.01	1.832	O				1.94
330.250	0.00	0.01	1.832	O				1.94
330.333	0.00	0.01	1.832	O				1.94
330.417	0.00	0.01	1.832	O				1.94
330.500	0.00	0.01	1.832	O				1.94
330.583	0.00	0.01	1.831	O				1.94
330.667	0.00	0.01	1.831	O				1.94
330.750	0.00	0.01	1.831	O				1.94
330.833	0.00	0.01	1.831	O				1.94
330.917	0.00	0.01	1.831	O				1.94
331.000	0.00	0.01	1.831	O				1.94
331.083	0.00	0.01	1.831	O				1.94
331.167	0.00	0.01	1.831	O				1.94
331.250	0.00	0.01	1.831	O				1.94
331.333	0.00	0.01	1.831	O				1.94

331.417	0.00	0.01	1.831	O				1.94
331.500	0.00	0.01	1.831	O				1.94
331.583	0.00	0.01	1.831	O				1.94
331.667	0.00	0.01	1.831	O				1.94
331.750	0.00	0.01	1.831	O				1.94
331.833	0.00	0.01	1.831	O				1.94
331.917	0.00	0.01	1.830	O				1.94
332.000	0.00	0.01	1.830	O				1.94
332.083	0.00	0.01	1.830	O				1.94
332.167	0.00	0.01	1.830	O				1.94
332.250	0.00	0.01	1.830	O				1.94
332.333	0.00	0.01	1.830	O				1.94
332.417	0.00	0.01	1.830	O				1.94
332.500	0.00	0.01	1.830	O				1.94
332.583	0.00	0.01	1.830	O				1.94
332.667	0.00	0.01	1.830	O				1.94
332.750	0.00	0.01	1.830	O				1.94
332.833	0.00	0.01	1.830	O				1.94
332.917	0.00	0.01	1.830	O				1.94
333.000	0.00	0.01	1.830	O				1.94
333.083	0.00	0.01	1.830	O				1.94
333.167	0.00	0.01	1.830	O				1.94
333.250	0.00	0.01	1.830	O				1.94
333.333	0.00	0.01	1.829	O				1.94
333.417	0.00	0.01	1.829	O				1.94
333.500	0.00	0.01	1.829	O				1.94
333.583	0.00	0.01	1.829	O				1.94
333.667	0.00	0.01	1.829	O				1.94
333.750	0.00	0.01	1.829	O				1.94
333.833	0.00	0.01	1.829	O				1.94
333.917	0.00	0.01	1.829	O				1.94
334.000	0.00	0.01	1.829	O				1.94
334.083	0.00	0.01	1.829	O				1.94
334.167	0.00	0.01	1.829	O				1.94
334.250	0.00	0.01	1.829	O				1.94
334.333	0.00	0.01	1.829	O				1.94
334.417	0.00	0.01	1.829	O				1.94
334.500	0.00	0.01	1.829	O				1.94
334.583	0.00	0.01	1.829	O				1.94
334.667	0.00	0.01	1.828	O				1.94
334.750	0.00	0.01	1.828	O				1.94
334.833	0.00	0.01	1.828	O				1.94
334.917	0.00	0.01	1.828	O				1.94
335.000	0.00	0.01	1.828	O				1.94
335.083	0.00	0.01	1.828	O				1.94
335.167	0.00	0.01	1.828	O				1.94
335.250	0.00	0.01	1.828	O				1.94
335.333	0.00	0.01	1.828	O				1.94
335.417	0.00	0.01	1.828	O				1.94
335.500	0.00	0.01	1.828	O				1.94

335.583	0.00	0.01	1.828	O				1.94
335.667	0.00	0.01	1.828	O				1.94
335.750	0.00	0.01	1.828	O				1.94
335.833	0.00	0.01	1.828	O				1.94
335.917	0.00	0.01	1.828	O				1.93
336.000	0.00	0.01	1.828	O				1.93
336.083	0.00	0.01	1.827	O				1.93
336.167	0.00	0.01	1.827	O				1.93
336.250	0.00	0.01	1.827	O				1.93
336.333	0.00	0.01	1.827	O				1.93
336.417	0.00	0.01	1.827	O				1.93
336.500	0.00	0.01	1.827	O				1.93
336.583	0.00	0.01	1.827	O				1.93
336.667	0.00	0.01	1.827	O				1.93
336.750	0.00	0.01	1.827	O				1.93
336.833	0.00	0.01	1.827	O				1.93
336.917	0.00	0.01	1.827	O				1.93
337.000	0.00	0.01	1.827	O				1.93
337.083	0.00	0.01	1.827	O				1.93
337.167	0.00	0.01	1.827	O				1.93
337.250	0.00	0.01	1.827	O				1.93
337.333	0.00	0.01	1.827	O				1.93
337.417	0.00	0.01	1.826	O				1.93
337.500	0.00	0.01	1.826	O				1.93
337.583	0.00	0.01	1.826	O				1.93
337.667	0.00	0.01	1.826	O				1.93
337.750	0.00	0.01	1.826	O				1.93
337.833	0.00	0.01	1.826	O				1.93
337.917	0.00	0.01	1.826	O				1.93
338.000	0.00	0.01	1.826	O				1.93
338.083	0.00	0.01	1.826	O				1.93
338.167	0.00	0.01	1.826	O				1.93
338.250	0.00	0.01	1.826	O				1.93
338.333	0.00	0.01	1.826	O				1.93
338.417	0.00	0.01	1.826	O				1.93
338.500	0.00	0.01	1.826	O				1.93
338.583	0.00	0.01	1.826	O				1.93
338.667	0.00	0.01	1.826	O				1.93
338.750	0.00	0.01	1.826	O				1.93
338.833	0.00	0.01	1.825	O				1.93
338.917	0.00	0.01	1.825	O				1.93
339.000	0.00	0.01	1.825	O				1.93
339.083	0.00	0.01	1.825	O				1.93
339.167	0.00	0.01	1.825	O				1.93
339.250	0.00	0.01	1.825	O				1.93
339.333	0.00	0.01	1.825	O				1.93
339.417	0.00	0.01	1.825	O				1.93
339.500	0.00	0.01	1.825	O				1.93
339.583	0.00	0.01	1.825	O				1.93
339.667	0.00	0.01	1.825	O				1.93

339.750	0.00	0.01	1.825	O				1.93
339.833	0.00	0.01	1.825	O				1.93
339.917	0.00	0.01	1.825	O				1.93
340.000	0.00	0.01	1.825	O				1.93
340.083	0.00	0.01	1.825	O				1.93
340.167	0.00	0.01	1.824	O				1.93
340.250	0.00	0.01	1.824	O				1.93
340.333	0.00	0.01	1.824	O				1.93
340.417	0.00	0.01	1.824	O				1.93
340.500	0.00	0.01	1.824	O				1.93
340.583	0.00	0.01	1.824	O				1.93
340.667	0.00	0.01	1.824	O				1.93
340.750	0.00	0.01	1.824	O				1.93
340.833	0.00	0.01	1.824	O				1.93
340.917	0.00	0.01	1.824	O				1.93
341.000	0.00	0.01	1.824	O				1.93
341.083	0.00	0.01	1.824	O				1.93
341.167	0.00	0.01	1.824	O				1.93
341.250	0.00	0.01	1.824	O				1.93
341.333	0.00	0.01	1.824	O				1.93
341.417	0.00	0.01	1.824	O				1.93
341.500	0.00	0.01	1.824	O				1.93
341.583	0.00	0.01	1.823	O				1.93
341.667	0.00	0.01	1.823	O				1.93
341.750	0.00	0.01	1.823	O				1.93
341.833	0.00	0.01	1.823	O				1.93
341.917	0.00	0.01	1.823	O				1.93
342.000	0.00	0.01	1.823	O				1.93
342.083	0.00	0.01	1.823	O				1.93
342.167	0.00	0.01	1.823	O				1.93
342.250	0.00	0.01	1.823	O				1.93
342.333	0.00	0.01	1.823	O				1.93
342.417	0.00	0.01	1.823	O				1.93
342.500	0.00	0.01	1.823	O				1.93
342.583	0.00	0.01	1.823	O				1.93
342.667	0.00	0.01	1.823	O				1.93
342.750	0.00	0.01	1.823	O				1.93
342.833	0.00	0.01	1.823	O				1.93
342.917	0.00	0.01	1.822	O				1.93
343.000	0.00	0.01	1.822	O				1.93
343.083	0.00	0.01	1.822	O				1.93
343.167	0.00	0.01	1.822	O				1.93
343.250	0.00	0.01	1.822	O				1.93
343.333	0.00	0.01	1.822	O				1.93
343.417	0.00	0.01	1.822	O				1.93
343.500	0.00	0.01	1.822	O				1.93
343.583	0.00	0.01	1.822	O				1.93
343.667	0.00	0.01	1.822	O				1.93
343.750	0.00	0.01	1.822	O				1.93
343.833	0.00	0.01	1.822	O				1.93

343.917	0.00	0.01	1.822	O				1.93
344.000	0.00	0.01	1.822	O				1.93
344.083	0.00	0.01	1.822	O				1.93
344.167	0.00	0.01	1.822	O				1.93
344.250	0.00	0.01	1.822	O				1.93
344.333	0.00	0.01	1.821	O				1.93
344.417	0.00	0.01	1.821	O				1.93
344.500	0.00	0.01	1.821	O				1.93
344.583	0.00	0.01	1.821	O				1.93
344.667	0.00	0.01	1.821	O				1.93
344.750	0.00	0.01	1.821	O				1.93
344.833	0.00	0.01	1.821	O				1.93
344.917	0.00	0.01	1.821	O				1.93
345.000	0.00	0.01	1.821	O				1.93
345.083	0.00	0.01	1.821	O				1.93
345.167	0.00	0.01	1.821	O				1.93
345.250	0.00	0.01	1.821	O				1.93
345.333	0.00	0.01	1.821	O				1.93
345.417	0.00	0.01	1.821	O				1.93
345.500	0.00	0.01	1.821	O				1.93
345.583	0.00	0.01	1.821	O				1.93
345.667	0.00	0.01	1.821	O				1.93
345.750	0.00	0.01	1.820	O				1.93
345.833	0.00	0.01	1.820	O				1.93
345.917	0.00	0.01	1.820	O				1.93
346.000	0.00	0.01	1.820	O				1.93
346.083	0.00	0.01	1.820	O				1.93
346.167	0.00	0.01	1.820	O				1.93
346.250	0.00	0.01	1.820	O				1.93
346.333	0.00	0.01	1.820	O				1.93
346.417	0.00	0.01	1.820	O				1.93
346.500	0.00	0.01	1.820	O				1.93
346.583	0.00	0.01	1.820	O				1.93
346.667	0.00	0.01	1.820	O				1.93
346.750	0.00	0.01	1.820	O				1.93
346.833	0.00	0.01	1.820	O				1.93
346.917	0.00	0.01	1.820	O				1.93
347.000	0.00	0.01	1.820	O				1.93
347.083	0.00	0.01	1.819	O				1.93
347.167	0.00	0.01	1.819	O				1.93
347.250	0.00	0.01	1.819	O				1.93
347.333	0.00	0.01	1.819	O				1.93
347.417	0.00	0.01	1.819	O				1.93
347.500	0.00	0.01	1.819	O				1.93
347.583	0.00	0.01	1.819	O				1.93
347.667	0.00	0.01	1.819	O				1.93
347.750	0.00	0.01	1.819	O				1.93
347.833	0.00	0.01	1.819	O				1.93
347.917	0.00	0.01	1.819	O				1.93
348.000	0.00	0.01	1.819	O				1.93

348.083	0.00	0.01	1.819	O				1.93
348.167	0.00	0.01	1.819	O				1.93
348.250	0.00	0.01	1.819	O				1.93
348.333	0.00	0.01	1.819	O				1.93
348.417	0.00	0.01	1.819	O				1.93
348.500	0.00	0.01	1.818	O				1.93
348.583	0.00	0.01	1.818	O				1.93
348.667	0.00	0.01	1.818	O				1.93
348.750	0.00	0.01	1.818	O				1.93
348.833	0.00	0.01	1.818	O				1.93
348.917	0.00	0.01	1.818	O				1.93
349.000	0.00	0.01	1.818	O				1.93
349.083	0.00	0.01	1.818	O				1.93
349.167	0.00	0.01	1.818	O				1.92
349.250	0.00	0.01	1.818	O				1.92
349.333	0.00	0.01	1.818	O				1.92
349.417	0.00	0.01	1.818	O				1.92
349.500	0.00	0.01	1.818	O				1.92
349.583	0.00	0.01	1.818	O				1.92
349.667	0.00	0.01	1.818	O				1.92
349.750	0.00	0.01	1.818	O				1.92
349.833	0.00	0.01	1.818	O				1.92
349.917	0.00	0.01	1.817	O				1.92
350.000	0.00	0.01	1.817	O				1.92
350.083	0.00	0.01	1.817	O				1.92
350.167	0.00	0.01	1.817	O				1.92
350.250	0.00	0.01	1.817	O				1.92
350.333	0.00	0.01	1.817	O				1.92
350.417	0.00	0.01	1.817	O				1.92
350.500	0.00	0.01	1.817	O				1.92
350.583	0.00	0.01	1.817	O				1.92
350.667	0.00	0.01	1.817	O				1.92
350.750	0.00	0.01	1.817	O				1.92
350.833	0.00	0.01	1.817	O				1.92
350.917	0.00	0.01	1.817	O				1.92
351.000	0.00	0.01	1.817	O				1.92
351.083	0.00	0.01	1.817	O				1.92
351.167	0.00	0.01	1.817	O				1.92
351.250	0.00	0.01	1.817	O				1.92
351.333	0.00	0.01	1.816	O				1.92
351.417	0.00	0.01	1.816	O				1.92
351.500	0.00	0.01	1.816	O				1.92
351.583	0.00	0.01	1.816	O				1.92
351.667	0.00	0.01	1.816	O				1.92
351.750	0.00	0.01	1.816	O				1.92
351.833	0.00	0.01	1.816	O				1.92
351.917	0.00	0.01	1.816	O				1.92
352.000	0.00	0.01	1.816	O				1.92
352.083	0.00	0.01	1.816	O				1.92
352.167	0.00	0.01	1.816	O				1.92

352.250	0.00	0.01	1.816	O				1.92
352.333	0.00	0.01	1.816	O				1.92
352.417	0.00	0.01	1.816	O				1.92
352.500	0.00	0.01	1.816	O				1.92
352.583	0.00	0.01	1.816	O				1.92
352.667	0.00	0.01	1.816	O				1.92
352.750	0.00	0.01	1.815	O				1.92
352.833	0.00	0.01	1.815	O				1.92
352.917	0.00	0.01	1.815	O				1.92
353.000	0.00	0.01	1.815	O				1.92
353.083	0.00	0.01	1.815	O				1.92
353.167	0.00	0.01	1.815	O				1.92
353.250	0.00	0.01	1.815	O				1.92
353.333	0.00	0.01	1.815	O				1.92
353.417	0.00	0.01	1.815	O				1.92
353.500	0.00	0.01	1.815	O				1.92
353.583	0.00	0.01	1.815	O				1.92
353.667	0.00	0.01	1.815	O				1.92
353.750	0.00	0.01	1.815	O				1.92
353.833	0.00	0.01	1.815	O				1.92
353.917	0.00	0.01	1.815	O				1.92
354.000	0.00	0.01	1.815	O				1.92
354.083	0.00	0.01	1.814	O				1.92
354.167	0.00	0.01	1.814	O				1.92
354.250	0.00	0.01	1.814	O				1.92
354.333	0.00	0.01	1.814	O				1.92
354.417	0.00	0.01	1.814	O				1.92
354.500	0.00	0.01	1.814	O				1.92
354.583	0.00	0.01	1.814	O				1.92
354.667	0.00	0.01	1.814	O				1.92
354.750	0.00	0.01	1.814	O				1.92
354.833	0.00	0.01	1.814	O				1.92
354.917	0.00	0.01	1.814	O				1.92
355.000	0.00	0.01	1.814	O				1.92
355.083	0.00	0.01	1.814	O				1.92
355.167	0.00	0.01	1.814	O				1.92
355.250	0.00	0.01	1.814	O				1.92
355.333	0.00	0.01	1.814	O				1.92
355.417	0.00	0.01	1.814	O				1.92
355.500	0.00	0.01	1.813	O				1.92
355.583	0.00	0.01	1.813	O				1.92
355.667	0.00	0.01	1.813	O				1.92
355.750	0.00	0.01	1.813	O				1.92
355.833	0.00	0.01	1.813	O				1.92
355.917	0.00	0.01	1.813	O				1.92
356.000	0.00	0.01	1.813	O				1.92
356.083	0.00	0.01	1.813	O				1.92
356.167	0.00	0.01	1.813	O				1.92
356.250	0.00	0.01	1.813	O				1.92
356.333	0.00	0.01	1.813	O				1.92

356.417	0.00	0.01	1.813	O					1.92
356.500	0.00	0.01	1.813	O					1.92
356.583	0.00	0.01	1.813	O					1.92
356.667	0.00	0.01	1.813	O					1.92
356.750	0.00	0.01	1.813	O					1.92
356.833	0.00	0.01	1.813	O					1.92
356.917	0.00	0.01	1.812	O					1.92
357.000	0.00	0.01	1.812	O					1.92
357.083	0.00	0.01	1.812	O					1.92
357.167	0.00	0.01	1.812	O					1.92
357.250	0.00	0.01	1.812	O					1.92
357.333	0.00	0.01	1.812	O					1.92
357.417	0.00	0.01	1.812	O					1.92
357.500	0.00	0.01	1.812	O					1.92
357.583	0.00	0.01	1.812	O					1.92
357.667	0.00	0.01	1.812	O					1.92
357.750	0.00	0.01	1.812	O					1.92
357.833	0.00	0.01	1.812	O					1.92
357.917	0.00	0.01	1.812	O					1.92
358.000	0.00	0.01	1.812	O					1.92
358.083	0.00	0.01	1.812	O					1.92
358.167	0.00	0.01	1.812	O					1.92
358.250	0.00	0.01	1.812	O					1.92
358.333	0.00	0.01	1.811	O					1.92
358.417	0.00	0.01	1.811	O					1.92
358.500	0.00	0.01	1.811	O					1.92
358.583	0.00	0.01	1.811	O					1.92
358.667	0.00	0.01	1.811	O					1.92
358.750	0.00	0.01	1.811	O					1.92
358.833	0.00	0.01	1.811	O					1.92
358.917	0.00	0.01	1.811	O					1.92
359.000	0.00	0.01	1.811	O					1.92
359.083	0.00	0.01	1.811	O					1.92
359.167	0.00	0.01	1.811	O					1.92
359.250	0.00	0.01	1.811	O					1.92
359.333	0.00	0.01	1.811	O					1.92
359.417	0.00	0.01	1.811	O					1.92
359.500	0.00	0.01	1.811	O					1.92
359.583	0.00	0.01	1.811	O					1.92
359.667	0.00	0.01	1.811	O					1.92
359.750	0.00	0.01	1.810	O					1.92
359.833	0.00	0.01	1.810	O					1.92
359.917	0.00	0.01	1.810	O					1.92
360.000	0.00	0.01	1.810	O					1.92
360.083	0.00	0.01	1.810	O					1.92
360.167	0.00	0.01	1.810	O					1.92
360.250	0.00	0.01	1.810	O					1.92
360.333	0.00	0.01	1.810	O					1.92
360.417	0.00	0.01	1.810	O					1.92
360.500	0.00	0.01	1.810	O					1.92

360.583	0.00	0.01	1.810	O				1.92
360.667	0.00	0.01	1.810	O				1.92
360.750	0.00	0.01	1.810	O				1.92
360.833	0.00	0.01	1.810	O				1.92
360.917	0.00	0.01	1.810	O				1.92
361.000	0.00	0.01	1.810	O				1.92
361.083	0.00	0.01	1.810	O				1.92
361.167	0.00	0.01	1.809	O				1.92
361.250	0.00	0.01	1.809	O				1.92
361.333	0.00	0.01	1.809	O				1.92
361.417	0.00	0.01	1.809	O				1.92
361.500	0.00	0.01	1.809	O				1.92
361.583	0.00	0.01	1.809	O				1.92
361.667	0.00	0.01	1.809	O				1.92
361.750	0.00	0.01	1.809	O				1.92
361.833	0.00	0.01	1.809	O				1.92
361.917	0.00	0.01	1.809	O				1.92
362.000	0.00	0.01	1.809	O				1.92
362.083	0.00	0.01	1.809	O				1.92
362.167	0.00	0.01	1.809	O				1.92
362.250	0.00	0.01	1.809	O				1.92
362.333	0.00	0.01	1.809	O				1.92
362.417	0.00	0.01	1.809	O				1.92
362.500	0.00	0.01	1.809	O				1.92
362.583	0.00	0.01	1.809	O				1.92
362.667	0.00	0.01	1.808	O				1.92
362.750	0.00	0.01	1.808	O				1.91
362.833	0.00	0.01	1.808	O				1.91
362.917	0.00	0.01	1.808	O				1.91
363.000	0.00	0.01	1.808	O				1.91
363.083	0.00	0.01	1.808	O				1.91
363.167	0.00	0.01	1.808	O				1.91
363.250	0.00	0.01	1.808	O				1.91
363.333	0.00	0.01	1.808	O				1.91
363.417	0.00	0.01	1.808	O				1.91
363.500	0.00	0.01	1.808	O				1.91
363.583	0.00	0.01	1.808	O				1.91
363.667	0.00	0.01	1.808	O				1.91
363.750	0.00	0.01	1.808	O				1.91
363.833	0.00	0.01	1.808	O				1.91
363.917	0.00	0.01	1.808	O				1.91
364.000	0.00	0.01	1.808	O				1.91
364.083	0.00	0.01	1.807	O				1.91
364.167	0.00	0.01	1.807	O				1.91
364.250	0.00	0.01	1.807	O				1.91
364.333	0.00	0.01	1.807	O				1.91
364.417	0.00	0.01	1.807	O				1.91
364.500	0.00	0.01	1.807	O				1.91
364.583	0.00	0.01	1.807	O				1.91
364.667	0.00	0.01	1.807	O				1.91

364.750	0.00	0.01	1.807	O				1.91
364.833	0.00	0.01	1.807	O				1.91
364.917	0.00	0.01	1.807	O				1.91
365.000	0.00	0.01	1.807	O				1.91
365.083	0.00	0.01	1.807	O				1.91
365.167	0.00	0.01	1.807	O				1.91
365.250	0.00	0.01	1.807	O				1.91
365.333	0.00	0.01	1.807	O				1.91
365.417	0.00	0.01	1.807	O				1.91
365.500	0.00	0.01	1.806	O				1.91
365.583	0.00	0.01	1.806	O				1.91
365.667	0.00	0.01	1.806	O				1.91
365.750	0.00	0.01	1.806	O				1.91
365.833	0.00	0.01	1.806	O				1.91
365.917	0.00	0.01	1.806	O				1.91
366.000	0.00	0.01	1.806	O				1.91
366.083	0.00	0.01	1.806	O				1.91
366.167	0.00	0.01	1.806	O				1.91
366.250	0.00	0.01	1.806	O				1.91
366.333	0.00	0.01	1.806	O				1.91
366.417	0.00	0.01	1.806	O				1.91
366.500	0.00	0.01	1.806	O				1.91
366.583	0.00	0.01	1.806	O				1.91
366.667	0.00	0.01	1.806	O				1.91
366.750	0.00	0.01	1.806	O				1.91
366.833	0.00	0.01	1.806	O				1.91
366.917	0.00	0.01	1.805	O				1.91
367.000	0.00	0.01	1.805	O				1.91
367.083	0.00	0.01	1.805	O				1.91
367.167	0.00	0.01	1.805	O				1.91
367.250	0.00	0.01	1.805	O				1.91
367.333	0.00	0.01	1.805	O				1.91
367.417	0.00	0.01	1.805	O				1.91
367.500	0.00	0.01	1.805	O				1.91
367.583	0.00	0.01	1.805	O				1.91
367.667	0.00	0.01	1.805	O				1.91
367.750	0.00	0.01	1.805	O				1.91
367.833	0.00	0.01	1.805	O				1.91
367.917	0.00	0.01	1.805	O				1.91
368.000	0.00	0.01	1.805	O				1.91
368.083	0.00	0.01	1.805	O				1.91
368.167	0.00	0.01	1.805	O				1.91
368.250	0.00	0.01	1.805	O				1.91
368.333	0.00	0.01	1.804	O				1.91
368.417	0.00	0.01	1.804	O				1.91
368.500	0.00	0.01	1.804	O				1.91
368.583	0.00	0.01	1.804	O				1.91
368.667	0.00	0.01	1.804	O				1.91
368.750	0.00	0.01	1.804	O				1.91
368.833	0.00	0.01	1.804	O				1.91

368.917	0.00	0.01	1.804	O				1.91
369.000	0.00	0.01	1.804	O				1.91
369.083	0.00	0.01	1.804	O				1.91
369.167	0.00	0.01	1.804	O				1.91
369.250	0.00	0.01	1.804	O				1.91
369.333	0.00	0.01	1.804	O				1.91
369.417	0.00	0.01	1.804	O				1.91
369.500	0.00	0.01	1.804	O				1.91
369.583	0.00	0.01	1.804	O				1.91
369.667	0.00	0.01	1.804	O				1.91
369.750	0.00	0.01	1.804	O				1.91
369.833	0.00	0.01	1.803	O				1.91
369.917	0.00	0.01	1.803	O				1.91
370.000	0.00	0.01	1.803	O				1.91
370.083	0.00	0.01	1.803	O				1.91
370.167	0.00	0.01	1.803	O				1.91
370.250	0.00	0.01	1.803	O				1.91
370.333	0.00	0.01	1.803	O				1.91
370.417	0.00	0.01	1.803	O				1.91
370.500	0.00	0.01	1.803	O				1.91
370.583	0.00	0.01	1.803	O				1.91
370.667	0.00	0.01	1.803	O				1.91
370.750	0.00	0.01	1.803	O				1.91
370.833	0.00	0.01	1.803	O				1.91
370.917	0.00	0.01	1.803	O				1.91
371.000	0.00	0.01	1.803	O				1.91
371.083	0.00	0.01	1.803	O				1.91
371.167	0.00	0.01	1.803	O				1.91
371.250	0.00	0.01	1.802	O				1.91
371.333	0.00	0.01	1.802	O				1.91
371.417	0.00	0.01	1.802	O				1.91
371.500	0.00	0.01	1.802	O				1.91
371.583	0.00	0.01	1.802	O				1.91
371.667	0.00	0.01	1.802	O				1.91
371.750	0.00	0.01	1.802	O				1.91
371.833	0.00	0.01	1.802	O				1.91
371.917	0.00	0.01	1.802	O				1.91
372.000	0.00	0.01	1.802	O				1.91
372.083	0.00	0.01	1.802	O				1.91
372.167	0.00	0.01	1.802	O				1.91
372.250	0.00	0.01	1.802	O				1.91
372.333	0.00	0.01	1.802	O				1.91
372.417	0.00	0.01	1.802	O				1.91
372.500	0.00	0.01	1.802	O				1.91
372.583	0.00	0.01	1.802	O				1.91
372.667	0.00	0.01	1.801	O				1.91
372.750	0.00	0.01	1.801	O				1.91
372.833	0.00	0.01	1.801	O				1.91
372.917	0.00	0.01	1.801	O				1.91
373.000	0.00	0.01	1.801	O				1.91

373.083	0.00	0.01	1.801	O				1.91
373.167	0.00	0.01	1.801	O				1.91
373.250	0.00	0.01	1.801	O				1.91
373.333	0.00	0.01	1.801	O				1.91
373.417	0.00	0.01	1.801	O				1.91
373.500	0.00	0.01	1.801	O				1.91
373.583	0.00	0.01	1.801	O				1.91
373.667	0.00	0.01	1.801	O				1.91
373.750	0.00	0.01	1.801	O				1.91
373.833	0.00	0.01	1.801	O				1.91
373.917	0.00	0.01	1.801	O				1.91
374.000	0.00	0.01	1.801	O				1.91
374.083	0.00	0.01	1.801	O				1.91
374.167	0.00	0.01	1.800	O				1.91
374.250	0.00	0.01	1.800	O				1.91
374.333	0.00	0.01	1.800	O				1.91
374.417	0.00	0.01	1.800	O				1.91
374.500	0.00	0.01	1.800	O				1.91
374.583	0.00	0.01	1.800	O				1.91
374.667	0.00	0.01	1.800	O				1.91
374.750	0.00	0.01	1.800	O				1.91
374.833	0.00	0.01	1.800	O				1.91
374.917	0.00	0.01	1.800	O				1.91
375.000	0.00	0.01	1.800	O				1.91
375.083	0.00	0.01	1.800	O				1.91
375.167	0.00	0.01	1.800	O				1.91
375.250	0.00	0.01	1.800	O				1.91
375.333	0.00	0.01	1.800	O				1.91
375.417	0.00	0.01	1.800	O				1.91
375.500	0.00	0.01	1.800	O				1.91
375.583	0.00	0.01	1.799	O				1.91
375.667	0.00	0.01	1.799	O				1.91
375.750	0.00	0.01	1.799	O				1.91
375.833	0.00	0.01	1.799	O				1.91
375.917	0.00	0.01	1.799	O				1.91
376.000	0.00	0.01	1.799	O				1.91
376.083	0.00	0.01	1.799	O				1.91
376.167	0.00	0.01	1.799	O				1.91
376.250	0.00	0.01	1.799	O				1.91
376.333	0.00	0.01	1.799	O				1.91
376.417	0.00	0.01	1.799	O				1.91
376.500	0.00	0.01	1.799	O				1.91
376.583	0.00	0.01	1.799	O				1.91
376.667	0.00	0.01	1.799	O				1.90
376.750	0.00	0.01	1.799	O				1.90
376.833	0.00	0.01	1.799	O				1.90
376.917	0.00	0.01	1.799	O				1.90
377.000	0.00	0.01	1.799	O				1.90
377.083	0.00	0.01	1.798	O				1.90
377.167	0.00	0.01	1.798	O				1.90

377.250	0.00	0.01	1.798	O				1.90
377.333	0.00	0.01	1.798	O				1.90
377.417	0.00	0.01	1.798	O				1.90
377.500	0.00	0.01	1.798	O				1.90
377.583	0.00	0.01	1.798	O				1.90
377.667	0.00	0.01	1.798	O				1.90
377.750	0.00	0.01	1.798	O				1.90
377.833	0.00	0.01	1.798	O				1.90
377.917	0.00	0.01	1.798	O				1.90
378.000	0.00	0.01	1.798	O				1.90
378.083	0.00	0.01	1.798	O				1.90
378.167	0.00	0.01	1.798	O				1.90
378.250	0.00	0.01	1.798	O				1.90
378.333	0.00	0.01	1.798	O				1.90
378.417	0.00	0.01	1.798	O				1.90
378.500	0.00	0.01	1.797	O				1.90
378.583	0.00	0.01	1.797	O				1.90
378.667	0.00	0.01	1.797	O				1.90
378.750	0.00	0.01	1.797	O				1.90
378.833	0.00	0.01	1.797	O				1.90
378.917	0.00	0.01	1.797	O				1.90
379.000	0.00	0.01	1.797	O				1.90
379.083	0.00	0.01	1.797	O				1.90
379.167	0.00	0.01	1.797	O				1.90
379.250	0.00	0.01	1.797	O				1.90
379.333	0.00	0.01	1.797	O				1.90
379.417	0.00	0.01	1.797	O				1.90
379.500	0.00	0.01	1.797	O				1.90
379.583	0.00	0.01	1.797	O				1.90
379.667	0.00	0.01	1.797	O				1.90
379.750	0.00	0.01	1.797	O				1.90
379.833	0.00	0.01	1.797	O				1.90
379.917	0.00	0.01	1.797	O				1.90
380.000	0.00	0.01	1.796	O				1.90
380.083	0.00	0.01	1.796	O				1.90
380.167	0.00	0.01	1.796	O				1.90
380.250	0.00	0.01	1.796	O				1.90
380.333	0.00	0.01	1.796	O				1.90
380.417	0.00	0.01	1.796	O				1.90
380.500	0.00	0.01	1.796	O				1.90
380.583	0.00	0.01	1.796	O				1.90
380.667	0.00	0.01	1.796	O				1.90
380.750	0.00	0.01	1.796	O				1.90
380.833	0.00	0.01	1.796	O				1.90
380.917	0.00	0.01	1.796	O				1.90
381.000	0.00	0.01	1.796	O				1.90
381.083	0.00	0.01	1.796	O				1.90
381.167	0.00	0.01	1.796	O				1.90
381.250	0.00	0.01	1.796	O				1.90
381.333	0.00	0.01	1.796	O				1.90

381.417	0.00	0.01	1.796	O				1.90
381.500	0.00	0.01	1.795	O				1.90
381.583	0.00	0.01	1.795	O				1.90
381.667	0.00	0.01	1.795	O				1.90
381.750	0.00	0.01	1.795	O				1.90
381.833	0.00	0.01	1.795	O				1.90
381.917	0.00	0.01	1.795	O				1.90
382.000	0.00	0.01	1.795	O				1.90
382.083	0.00	0.01	1.795	O				1.90
382.167	0.00	0.01	1.795	O				1.90
382.250	0.00	0.01	1.795	O				1.90
382.333	0.00	0.01	1.795	O				1.90
382.417	0.00	0.01	1.795	O				1.90
382.500	0.00	0.01	1.795	O				1.90
382.583	0.00	0.01	1.795	O				1.90
382.667	0.00	0.01	1.795	O				1.90
382.750	0.00	0.01	1.795	O				1.90
382.833	0.00	0.01	1.795	O				1.90
382.917	0.00	0.01	1.794	O				1.90
383.000	0.00	0.01	1.794	O				1.90
383.083	0.00	0.01	1.794	O				1.90
383.167	0.00	0.01	1.794	O				1.90
383.250	0.00	0.01	1.794	O				1.90
383.333	0.00	0.01	1.794	O				1.90
383.417	0.00	0.01	1.794	O				1.90
383.500	0.00	0.01	1.794	O				1.90
383.583	0.00	0.01	1.794	O				1.90
383.667	0.00	0.01	1.794	O				1.90
383.750	0.00	0.01	1.794	O				1.90
383.833	0.00	0.01	1.794	O				1.90
383.917	0.00	0.01	1.794	O				1.90
384.000	0.00	0.01	1.794	O				1.90
384.083	0.00	0.01	1.794	O				1.90
384.167	0.00	0.01	1.794	O				1.90
384.250	0.00	0.01	1.794	O				1.90
384.333	0.00	0.01	1.794	O				1.90
384.417	0.00	0.01	1.793	O				1.90
384.500	0.00	0.01	1.793	O				1.90
384.583	0.00	0.01	1.793	O				1.90
384.667	0.00	0.01	1.793	O				1.90
384.750	0.00	0.01	1.793	O				1.90
384.833	0.00	0.01	1.793	O				1.90
384.917	0.00	0.01	1.793	O				1.90
385.000	0.00	0.01	1.793	O				1.90
385.083	0.00	0.01	1.793	O				1.90
385.167	0.00	0.01	1.793	O				1.90
385.250	0.00	0.01	1.793	O				1.90
385.333	0.00	0.01	1.793	O				1.90
385.417	0.00	0.01	1.793	O				1.90
385.500	0.00	0.01	1.793	O				1.90

385.583	0.00	0.01	1.793	O				1.90
385.667	0.00	0.01	1.793	O				1.90
385.750	0.00	0.01	1.793	O				1.90
385.833	0.00	0.01	1.793	O				1.90
385.917	0.00	0.01	1.792	O				1.90
386.000	0.00	0.01	1.792	O				1.90
386.083	0.00	0.01	1.792	O				1.90
386.167	0.00	0.01	1.792	O				1.90
386.250	0.00	0.01	1.792	O				1.90
386.333	0.00	0.01	1.792	O				1.90
386.417	0.00	0.01	1.792	O				1.90
386.500	0.00	0.01	1.792	O				1.90
386.583	0.00	0.01	1.792	O				1.90
386.667	0.00	0.01	1.792	O				1.90
386.750	0.00	0.01	1.792	O				1.90
386.833	0.00	0.01	1.792	O				1.90
386.917	0.00	0.01	1.792	O				1.90
387.000	0.00	0.01	1.792	O				1.90
387.083	0.00	0.01	1.792	O				1.90
387.167	0.00	0.01	1.792	O				1.90
387.250	0.00	0.01	1.792	O				1.90
387.333	0.00	0.01	1.792	O				1.90
387.417	0.00	0.01	1.791	O				1.90
387.500	0.00	0.01	1.791	O				1.90
387.583	0.00	0.01	1.791	O				1.90
387.667	0.00	0.01	1.791	O				1.90
387.750	0.00	0.01	1.791	O				1.90
387.833	0.00	0.01	1.791	O				1.90
387.917	0.00	0.01	1.791	O				1.90
388.000	0.00	0.01	1.791	O				1.90
388.083	0.00	0.01	1.791	O				1.90
388.167	0.00	0.01	1.791	O				1.90
388.250	0.00	0.01	1.791	O				1.90
388.333	0.00	0.01	1.791	O				1.90
388.417	0.00	0.01	1.791	O				1.90
388.500	0.00	0.01	1.791	O				1.90
388.583	0.00	0.01	1.791	O				1.90
388.667	0.00	0.01	1.791	O				1.90
388.750	0.00	0.01	1.791	O				1.90
388.833	0.00	0.01	1.790	O				1.90
388.917	0.00	0.01	1.790	O				1.90
389.000	0.00	0.01	1.790	O				1.90
389.083	0.00	0.01	1.790	O				1.90
389.167	0.00	0.01	1.790	O				1.90
389.250	0.00	0.01	1.790	O				1.90
389.333	0.00	0.01	1.790	O				1.90
389.417	0.00	0.01	1.790	O				1.90
389.500	0.00	0.01	1.790	O				1.90
389.583	0.00	0.01	1.790	O				1.90
389.667	0.00	0.01	1.790	O				1.90

389.750	0.00	0.01	1.790	O	|	|	|	1.90
389.833	0.00	0.01	1.790	O	|	|	|	1.90
389.917	0.00	0.01	1.790	O	|	|	|	1.90
390.000	0.00	0.01	1.790	O	|	|	|	1.90
390.083	0.00	0.01	1.790	O	|	|	|	1.90
390.167	0.00	0.01	1.790	O	|	|	|	1.90
390.250	0.00	0.01	1.790	O	|	|	|	1.90
390.333	0.00	0.01	1.789	O	|	|	|	1.90
390.417	0.00	0.01	1.789	O	|	|	|	1.90
390.500	0.00	0.01	1.789	O	|	|	|	1.90
390.583	0.00	0.01	1.789	O	|	|	|	1.90
390.667	0.00	0.01	1.789	O	|	|	|	1.90
390.750	0.00	0.01	1.789	O	|	|	|	1.90
390.833	0.00	0.01	1.789	O	|	|	|	1.89
390.917	0.00	0.01	1.789	O	|	|	|	1.89
391.000	0.00	0.01	1.789	O	|	|	|	1.89
391.083	0.00	0.01	1.789	O	|	|	|	1.89
391.167	0.00	0.01	1.789	O	|	|	|	1.89
391.250	0.00	0.01	1.789	O	|	|	|	1.89
391.333	0.00	0.01	1.789	O	|	|	|	1.89
391.417	0.00	0.01	1.789	O	|	|	|	1.89
391.500	0.00	0.01	1.789	O	|	|	|	1.89
391.583	0.00	0.01	1.789	O	|	|	|	1.89
391.667	0.00	0.01	1.789	O	|	|	|	1.89
391.750	0.00	0.01	1.789	O	|	|	|	1.89
391.833	0.00	0.01	1.788	O	|	|	|	1.89
391.917	0.00	0.01	1.788	O	|	|	|	1.89
392.000	0.00	0.01	1.788	O	|	|	|	1.89
392.083	0.00	0.01	1.788	O	|	|	|	1.89
392.167	0.00	0.01	1.788	O	|	|	|	1.89
392.250	0.00	0.01	1.788	O	|	|	|	1.89
392.333	0.00	0.01	1.788	O	|	|	|	1.89
392.417	0.00	0.01	1.788	O	|	|	|	1.89
392.500	0.00	0.01	1.788	O	|	|	|	1.89
392.583	0.00	0.01	1.788	O	|	|	|	1.89
392.667	0.00	0.01	1.788	O	|	|	|	1.89
392.750	0.00	0.01	1.788	O	|	|	|	1.89
392.833	0.00	0.01	1.788	O	|	|	|	1.89
392.917	0.00	0.01	1.788	O	|	|	|	1.89
393.000	0.00	0.01	1.788	O	|	|	|	1.89
393.083	0.00	0.01	1.788	O	|	|	|	1.89
393.167	0.00	0.01	1.788	O	|	|	|	1.89
393.250	0.00	0.01	1.788	O	|	|	|	1.89
393.333	0.00	0.01	1.787	O	|	|	|	1.89
393.417	0.00	0.01	1.787	O	|	|	|	1.89
393.500	0.00	0.01	1.787	O	|	|	|	1.89
393.583	0.00	0.01	1.787	O	|	|	|	1.89
393.667	0.00	0.01	1.787	O	|	|	|	1.89
393.750	0.00	0.01	1.787	O	|	|	|	1.89
393.833	0.00	0.01	1.787	O	|	|	|	1.89

393.917	0.00	0.01	1.787	O				1.89
394.000	0.00	0.01	1.787	O				1.89
394.083	0.00	0.01	1.787	O				1.89
394.167	0.00	0.01	1.787	O				1.89
394.250	0.00	0.01	1.787	O				1.89
394.333	0.00	0.01	1.787	O				1.89
394.417	0.00	0.01	1.787	O				1.89
394.500	0.00	0.01	1.787	O				1.89
394.583	0.00	0.01	1.787	O				1.89
394.667	0.00	0.01	1.787	O				1.89
394.750	0.00	0.01	1.787	O				1.89
394.833	0.00	0.01	1.786	O				1.89
394.917	0.00	0.01	1.786	O				1.89
395.000	0.00	0.01	1.786	O				1.89
395.083	0.00	0.01	1.786	O				1.89
395.167	0.00	0.01	1.786	O				1.89
395.250	0.00	0.01	1.786	O				1.89
395.333	0.00	0.01	1.786	O				1.89
395.417	0.00	0.01	1.786	O				1.89
395.500	0.00	0.01	1.786	O				1.89
395.583	0.00	0.01	1.786	O				1.89
395.667	0.00	0.01	1.786	O				1.89
395.750	0.00	0.01	1.786	O				1.89
395.833	0.00	0.01	1.786	O				1.89
395.917	0.00	0.01	1.786	O				1.89
396.000	0.00	0.01	1.786	O				1.89
396.083	0.00	0.01	1.786	O				1.89
396.167	0.00	0.01	1.786	O				1.89
396.250	0.00	0.01	1.786	O				1.89
396.333	0.00	0.01	1.785	O				1.89
396.417	0.00	0.01	1.785	O				1.89
396.500	0.00	0.01	1.785	O				1.89
396.583	0.00	0.01	1.785	O				1.89
396.667	0.00	0.01	1.785	O				1.89
396.750	0.00	0.01	1.785	O				1.89
396.833	0.00	0.01	1.785	O				1.89
396.917	0.00	0.01	1.785	O				1.89
397.000	0.00	0.01	1.785	O				1.89
397.083	0.00	0.01	1.785	O				1.89
397.167	0.00	0.01	1.785	O				1.89
397.250	0.00	0.01	1.785	O				1.89
397.333	0.00	0.01	1.785	O				1.89
397.417	0.00	0.01	1.785	O				1.89
397.500	0.00	0.01	1.785	O				1.89
397.583	0.00	0.01	1.785	O				1.89
397.667	0.00	0.01	1.785	O				1.89
397.750	0.00	0.01	1.785	O				1.89
397.833	0.00	0.01	1.784	O				1.89
397.917	0.00	0.01	1.784	O				1.89
398.000	0.00	0.01	1.784	O				1.89

398.083	0.00	0.01	1.784	O				1.89
398.167	0.00	0.01	1.784	O				1.89
398.250	0.00	0.01	1.784	O				1.89
398.333	0.00	0.01	1.784	O				1.89
398.417	0.00	0.01	1.784	O				1.89
398.500	0.00	0.01	1.784	O				1.89
398.583	0.00	0.01	1.784	O				1.89
398.667	0.00	0.01	1.784	O				1.89
398.750	0.00	0.01	1.784	O				1.89
398.833	0.00	0.01	1.784	O				1.89
398.917	0.00	0.01	1.784	O				1.89
399.000	0.00	0.01	1.784	O				1.89
399.083	0.00	0.01	1.784	O				1.89
399.167	0.00	0.01	1.784	O				1.89
399.250	0.00	0.01	1.784	O				1.89
399.333	0.00	0.01	1.783	O				1.89
399.417	0.00	0.01	1.783	O				1.89
399.500	0.00	0.01	1.783	O				1.89
399.583	0.00	0.01	1.783	O				1.89
399.667	0.00	0.01	1.783	O				1.89
399.750	0.00	0.01	1.783	O				1.89
399.833	0.00	0.01	1.783	O				1.89
399.917	0.00	0.01	1.783	O				1.89
400.000	0.00	0.01	1.783	O				1.89
400.083	0.00	0.01	1.783	O				1.89
400.167	0.00	0.01	1.783	O				1.89
400.250	0.00	0.01	1.783	O				1.89
400.333	0.00	0.01	1.783	O				1.89
400.417	0.00	0.01	1.783	O				1.89
400.500	0.00	0.01	1.783	O				1.89
400.583	0.00	0.01	1.783	O				1.89
400.667	0.00	0.01	1.783	O				1.89
400.750	0.00	0.01	1.783	O				1.89
400.833	0.00	0.01	1.783	O				1.89
400.917	0.00	0.01	1.782	O				1.89
401.000	0.00	0.01	1.782	O				1.89
401.083	0.00	0.01	1.782	O				1.89
401.167	0.00	0.01	1.782	O				1.89
401.250	0.00	0.01	1.782	O				1.89
401.333	0.00	0.01	1.782	O				1.89
401.417	0.00	0.01	1.782	O				1.89
401.500	0.00	0.01	1.782	O				1.89
401.583	0.00	0.01	1.782	O				1.89
401.667	0.00	0.01	1.782	O				1.89
401.750	0.00	0.01	1.782	O				1.89
401.833	0.00	0.01	1.782	O				1.89
401.917	0.00	0.01	1.782	O				1.89
402.000	0.00	0.01	1.782	O				1.89
402.083	0.00	0.01	1.782	O				1.89
402.167	0.00	0.01	1.782	O				1.89

402.250	0.00	0.01	1.782	O				1.89
402.333	0.00	0.01	1.782	O				1.89
402.417	0.00	0.01	1.781	O				1.89
402.500	0.00	0.01	1.781	O				1.89
402.583	0.00	0.01	1.781	O				1.89
402.667	0.00	0.01	1.781	O				1.89
402.750	0.00	0.01	1.781	O				1.89
402.833	0.00	0.01	1.781	O				1.89
402.917	0.00	0.01	1.781	O				1.89
403.000	0.00	0.01	1.781	O				1.89
403.083	0.00	0.01	1.781	O				1.89
403.167	0.00	0.01	1.781	O				1.89
403.250	0.00	0.01	1.781	O				1.89
403.333	0.00	0.01	1.781	O				1.89
403.417	0.00	0.01	1.781	O				1.89
403.500	0.00	0.01	1.781	O				1.89
403.583	0.00	0.01	1.781	O				1.89
403.667	0.00	0.01	1.781	O				1.89
403.750	0.00	0.01	1.781	O				1.89
403.833	0.00	0.01	1.781	O				1.89
403.917	0.00	0.01	1.780	O				1.89
404.000	0.00	0.01	1.780	O				1.89
404.083	0.00	0.01	1.780	O				1.89
404.167	0.00	0.01	1.780	O				1.89
404.250	0.00	0.01	1.780	O				1.89
404.333	0.00	0.01	1.780	O				1.89
404.417	0.00	0.01	1.780	O				1.89
404.500	0.00	0.01	1.780	O				1.89
404.583	0.00	0.01	1.780	O				1.89
404.667	0.00	0.01	1.780	O				1.89
404.750	0.00	0.01	1.780	O				1.89
404.833	0.00	0.01	1.780	O				1.89
404.917	0.00	0.01	1.780	O				1.89
405.000	0.00	0.01	1.780	O				1.89
405.083	0.00	0.01	1.780	O				1.89
405.167	0.00	0.01	1.780	O				1.89
405.250	0.00	0.01	1.780	O				1.88
405.333	0.00	0.01	1.780	O				1.88
405.417	0.00	0.01	1.779	O				1.88
405.500	0.00	0.01	1.779	O				1.88
405.583	0.00	0.01	1.779	O				1.88
405.667	0.00	0.01	1.779	O				1.88
405.750	0.00	0.01	1.779	O				1.88
405.833	0.00	0.01	1.779	O				1.88
405.917	0.00	0.01	1.779	O				1.88
406.000	0.00	0.01	1.779	O				1.88
406.083	0.00	0.01	1.779	O				1.88
406.167	0.00	0.01	1.779	O				1.88
406.250	0.00	0.01	1.779	O				1.88
406.333	0.00	0.01	1.779	O				1.88

406.417	0.00	0.01	1.779	O				1.88
406.500	0.00	0.01	1.779	O				1.88
406.583	0.00	0.01	1.779	O				1.88
406.667	0.00	0.01	1.779	O				1.88
406.750	0.00	0.01	1.779	O				1.88
406.833	0.00	0.01	1.779	O				1.88
406.917	0.00	0.01	1.779	O				1.88
407.000	0.00	0.01	1.778	O				1.88
407.083	0.00	0.01	1.778	O				1.88
407.167	0.00	0.01	1.778	O				1.88
407.250	0.00	0.01	1.778	O				1.88
407.333	0.00	0.01	1.778	O				1.88
407.417	0.00	0.01	1.778	O				1.88
407.500	0.00	0.01	1.778	O				1.88
407.583	0.00	0.01	1.778	O				1.88
407.667	0.00	0.01	1.778	O				1.88
407.750	0.00	0.01	1.778	O				1.88
407.833	0.00	0.01	1.778	O				1.88
407.917	0.00	0.01	1.778	O				1.88
408.000	0.00	0.01	1.778	O				1.88
408.083	0.00	0.01	1.778	O				1.88
408.167	0.00	0.01	1.778	O				1.88
408.250	0.00	0.01	1.778	O				1.88
408.333	0.00	0.01	1.778	O				1.88
408.417	0.00	0.01	1.778	O				1.88
408.500	0.00	0.01	1.777	O				1.88
408.583	0.00	0.01	1.777	O				1.88
408.667	0.00	0.01	1.777	O				1.88
408.750	0.00	0.01	1.777	O				1.88
408.833	0.00	0.01	1.777	O				1.88
408.917	0.00	0.01	1.777	O				1.88
409.000	0.00	0.01	1.777	O				1.88
409.083	0.00	0.01	1.777	O				1.88
409.167	0.00	0.01	1.777	O				1.88
409.250	0.00	0.01	1.777	O				1.88
409.333	0.00	0.01	1.777	O				1.88
409.417	0.00	0.01	1.777	O				1.88
409.500	0.00	0.01	1.777	O				1.88
409.583	0.00	0.01	1.777	O				1.88
409.667	0.00	0.01	1.777	O				1.88
409.750	0.00	0.01	1.777	O				1.88
409.833	0.00	0.01	1.777	O				1.88
409.917	0.00	0.01	1.777	O				1.88
410.000	0.00	0.01	1.776	O				1.88
410.083	0.00	0.01	1.776	O				1.88
410.167	0.00	0.01	1.776	O				1.88
410.250	0.00	0.01	1.776	O				1.88
410.333	0.00	0.01	1.776	O				1.88
410.417	0.00	0.01	1.776	O				1.88
410.500	0.00	0.01	1.776	O				1.88

410.583	0.00	0.01	1.776	O	|	|	|	1.88
410.667	0.00	0.01	1.776	O	|	|	|	1.88
410.750	0.00	0.01	1.776	O	|	|	|	1.88
410.833	0.00	0.01	1.776	O	|	|	|	1.88
410.917	0.00	0.01	1.776	O	|	|	|	1.88
411.000	0.00	0.01	1.776	O	|	|	|	1.88
411.083	0.00	0.01	1.776	O	|	|	|	1.88
411.167	0.00	0.01	1.776	O	|	|	|	1.88
411.250	0.00	0.01	1.776	O	|	|	|	1.88
411.333	0.00	0.01	1.776	O	|	|	|	1.88
411.417	0.00	0.01	1.776	O	|	|	|	1.88
411.500	0.00	0.01	1.776	O	|	|	|	1.88
411.583	0.00	0.01	1.775	O	|	|	|	1.88
411.667	0.00	0.01	1.775	O	|	|	|	1.88
411.750	0.00	0.01	1.775	O	|	|	|	1.88
411.833	0.00	0.01	1.775	O	|	|	|	1.88
411.917	0.00	0.01	1.775	O	|	|	|	1.88
412.000	0.00	0.01	1.775	O	|	|	|	1.88
412.083	0.00	0.01	1.775	O	|	|	|	1.88
412.167	0.00	0.01	1.775	O	|	|	|	1.88
412.250	0.00	0.01	1.775	O	|	|	|	1.88
412.333	0.00	0.01	1.775	O	|	|	|	1.88
412.417	0.00	0.01	1.775	O	|	|	|	1.88
412.500	0.00	0.01	1.775	O	|	|	|	1.88
412.583	0.00	0.01	1.775	O	|	|	|	1.88
412.667	0.00	0.01	1.775	O	|	|	|	1.88
412.750	0.00	0.01	1.775	O	|	|	|	1.88
412.833	0.00	0.01	1.775	O	|	|	|	1.88
412.917	0.00	0.01	1.775	O	|	|	|	1.88
413.000	0.00	0.01	1.775	O	|	|	|	1.88
413.083	0.00	0.01	1.774	O	|	|	|	1.88
413.167	0.00	0.01	1.774	O	|	|	|	1.88
413.250	0.00	0.01	1.774	O	|	|	|	1.88
413.333	0.00	0.01	1.774	O	|	|	|	1.88
413.417	0.00	0.01	1.774	O	|	|	|	1.88
413.500	0.00	0.01	1.774	O	|	|	|	1.88
413.583	0.00	0.01	1.774	O	|	|	|	1.88
413.667	0.00	0.01	1.774	O	|	|	|	1.88
413.750	0.00	0.01	1.774	O	|	|	|	1.88
413.833	0.00	0.01	1.774	O	|	|	|	1.88
413.917	0.00	0.01	1.774	O	|	|	|	1.88
414.000	0.00	0.01	1.774	O	|	|	|	1.88
414.083	0.00	0.01	1.774	O	|	|	|	1.88
414.167	0.00	0.01	1.774	O	|	|	|	1.88
414.250	0.00	0.01	1.774	O	|	|	|	1.88
414.333	0.00	0.01	1.774	O	|	|	|	1.88
414.417	0.00	0.01	1.774	O	|	|	|	1.88
414.500	0.00	0.01	1.774	O	|	|	|	1.88
414.583	0.00	0.01	1.774	O	|	|	|	1.88
414.667	0.00	0.01	1.773	O	|	|	|	1.88

414.750	0.00	0.01	1.773	O	|	|	|	1.88
414.833	0.00	0.01	1.773	O	|	|	|	1.88
414.917	0.00	0.01	1.773	O	|	|	|	1.88
415.000	0.00	0.01	1.773	O	|	|	|	1.88
415.083	0.00	0.01	1.773	O	|	|	|	1.88
415.167	0.00	0.01	1.773	O	|	|	|	1.88
415.250	0.00	0.01	1.773	O	|	|	|	1.88
415.333	0.00	0.01	1.773	O	|	|	|	1.88
415.417	0.00	0.01	1.773	O	|	|	|	1.88
415.500	0.00	0.01	1.773	O	|	|	|	1.88
415.583	0.00	0.01	1.773	O	|	|	|	1.88
415.667	0.00	0.01	1.773	O	|	|	|	1.88
415.750	0.00	0.01	1.773	O	|	|	|	1.88
415.833	0.00	0.01	1.773	O	|	|	|	1.88
415.917	0.00	0.01	1.773	O	|	|	|	1.88
416.000	0.00	0.01	1.773	O	|	|	|	1.88
416.083	0.00	0.01	1.773	O	|	|	|	1.88
416.167	0.00	0.01	1.773	O	|	|	|	1.88
416.250	0.00	0.01	1.772	O	|	|	|	1.88
416.333	0.00	0.01	1.772	O	|	|	|	1.88
416.417	0.00	0.01	1.772	O	|	|	|	1.88
416.500	0.00	0.01	1.772	O	|	|	|	1.88
416.583	0.00	0.01	1.772	O	|	|	|	1.88
416.667	0.00	0.01	1.772	O	|	|	|	1.88

Remaining water in basin = 1.77 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 10.150 (CFS)
Total volume = 3.867 (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 - 2014
Study date: 08/08/22

IEN
Basin A
100- year Developed

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: BasinA100yr.rte
**********HYDROGRAPH DATA**********
Number of intervals = 304
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 116.097 (CFS)
Total volume = 12.479 (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 10.000 to Point/Station 40.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 304
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.780	0.001	1.780	1.780
2.000	2.370	0.001	2.370	2.370
2.500	2.960	0.010	2.960	2.960
3.000	3.560	0.010	3.560	3.560
3.500	4.150	45.000	3.995	4.305
4.000	4.740	75.000	4.482	4.998
4.500	5.100	85.000	4.807	5.393
5.000	5.220	90.000	4.910	5.530

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 29.0 58.05 87.07 116.10	Depth (Ft.)
0.083	0.08	0.00	0.000	O | | | |	0.00
0.167	0.62	0.00	0.003	O | | | |	0.00
0.250	1.32	0.00	0.009	O | | | |	0.01
0.333	1.64	0.00	0.020	O | | | |	0.02
0.417	1.83	0.00	0.032	O | | | |	0.03
0.500	1.96	0.00	0.045	O | | | |	0.04
0.583	2.06	0.00	0.058	O | | | |	0.05
0.667	2.12	0.00	0.073	O | | | |	0.06
0.750	2.18	0.00	0.088	O | | | |	0.07
0.833	2.22	0.00	0.103	O | | | |	0.09
0.917	2.26	0.00	0.118	O | | | |	0.10
1.000	2.29	0.00	0.134	O | | | |	0.11
1.083	2.31	0.00	0.150	O | | | |	0.13
1.167	2.33	0.00	0.166	O | | | |	0.14
1.250	2.35	0.00	0.182	O | | | |	0.15
1.333	2.37	0.00	0.198	O | | | |	0.17
1.417	2.38	0.00	0.214	O | | | |	0.18
1.500	2.39	0.00	0.231	O | | | |	0.19
1.583	2.40	0.00	0.247	O | | | |	0.21
1.667	2.41	0.00	0.264	O | | | |	0.22
1.750	2.42	0.00	0.281	O | | | |	0.24
1.833	2.43	0.00	0.297	O | | | |	0.25
1.917	2.43	0.00	0.314	O | | | |	0.26
2.000	2.44	0.00	0.331	O | | | |	0.28
2.083	2.45	0.00	0.348	O | | | |	0.29
2.167	2.46	0.00	0.365	O | | | |	0.31

2.250	2.47	0.00	0.382	O	|	|	|	0.32
2.333	2.48	0.00	0.399	O	|	|	|	0.34
2.417	2.49	0.00	0.416	O	|	|	|	0.35
2.500	2.50	0.00	0.433	O	|	|	|	0.36
2.583	2.51	0.00	0.450	O	|	|	|	0.38
2.667	2.52	0.00	0.467	O	|	|	|	0.39
2.750	2.53	0.00	0.485	O	|	|	|	0.41
2.833	2.54	0.00	0.502	O	|	|	|	0.42
2.917	2.55	0.00	0.520	O	|	|	|	0.44
3.000	2.56	0.00	0.537	O	|	|	|	0.45
3.083	2.57	0.00	0.555	O	|	|	|	0.47
3.167	2.58	0.00	0.573	O	|	|	|	0.48
3.250	2.59	0.00	0.590	O	|	|	|	0.50
3.333	2.60	0.00	0.608	O	|	|	|	0.51
3.417	2.61	0.00	0.626	O	|	|	|	0.53
3.500	2.62	0.00	0.644	O	|	|	|	0.54
3.583	2.63	0.00	0.662	O	|	|	|	0.56
3.667	2.64	0.00	0.680	O	|	|	|	0.57
3.750	2.65	0.00	0.699	O	|	|	|	0.59
3.833	2.66	0.00	0.717	O	|	|	|	0.60
3.917	2.67	0.00	0.735	O	|	|	|	0.62
4.000	2.69	0.00	0.754	O	|	|	|	0.64
4.083	2.70	0.00	0.772	O	|	|	|	0.65
4.167	2.71	0.00	0.791	O	|	|	|	0.67
4.250	2.72	0.00	0.810	O	|	|	|	0.68
4.333	2.73	0.00	0.828	O	|	|	|	0.70
4.417	2.74	0.00	0.847	O	|	|	|	0.71
4.500	2.76	0.00	0.866	O	|	|	|	0.73
4.583	2.77	0.00	0.885	O	|	|	|	0.75
4.667	2.78	0.00	0.904	O	|	|	|	0.76
4.750	2.79	0.00	0.923	O	|	|	|	0.78
4.833	2.81	0.00	0.943	O	|	|	|	0.79
4.917	2.82	0.00	0.962	O	|	|	|	0.81
5.000	2.83	0.00	0.982	O	|	|	|	0.83
5.083	2.84	0.00	1.001	O	|	|	|	0.84
5.167	2.86	0.00	1.021	O	|	|	|	0.86
5.250	2.87	0.00	1.040	O	|	|	|	0.88
5.333	2.89	0.00	1.060	O	|	|	|	0.89
5.417	2.90	0.00	1.080	O	|	|	|	0.91
5.500	2.91	0.00	1.100	O	|	|	|	0.93
5.583	2.93	0.00	1.120	O	|	|	|	0.94
5.667	2.94	0.00	1.141	O	|	|	|	0.96
5.750	2.96	0.00	1.161	O	|	|	|	0.98
5.833	2.97	0.00	1.181	O	|	|	|	1.00
5.917	2.99	0.00	1.202	O	|	|	|	1.01
6.000	3.00	0.00	1.222	O	|	|	|	1.03
6.083	3.02	0.00	1.243	O	|	|	|	1.05
6.167	3.03	0.00	1.264	O	|	|	|	1.07
6.250	3.05	0.00	1.285	O	|	|	|	1.08
6.333	3.06	0.00	1.306	O	|	|	|	1.10

6.417	3.08	0.00	1.327	O				1.12
6.500	3.10	0.00	1.348	O				1.14
6.583	3.11	0.00	1.370	O				1.15
6.667	3.13	0.00	1.391	O				1.17
6.750	3.15	0.00	1.413	O				1.19
6.833	3.16	0.00	1.434	O				1.21
6.917	3.18	0.00	1.456	O				1.23
7.000	3.20	0.00	1.478	O				1.25
7.083	3.22	0.00	1.500	O				1.26
7.167	3.23	0.00	1.523	O				1.28
7.250	3.25	0.00	1.545	O				1.30
7.333	3.27	0.00	1.567	O				1.32
7.417	3.29	0.00	1.590	O				1.34
7.500	3.31	0.00	1.613	O				1.36
7.583	3.33	0.00	1.636	O				1.38
7.667	3.35	0.00	1.659	O				1.40
7.750	3.37	0.00	1.682	O				1.42
7.833	3.39	0.00	1.705	O				1.44
7.917	3.41	0.00	1.728	O				1.46
8.000	3.43	0.00	1.752	O				1.48
8.083	3.46	0.00	1.776	O				1.50
8.167	3.48	0.00	1.800	O				1.52
8.250	3.50	0.00	1.824	O				1.54
8.333	3.52	0.00	1.848	O				1.56
8.417	3.55	0.00	1.872	O				1.58
8.500	3.57	0.00	1.897	O				1.60
8.583	3.59	0.00	1.921	O				1.62
8.667	3.62	0.00	1.946	O				1.64
8.750	3.64	0.00	1.971	OI				1.66
8.833	3.67	0.00	1.996	OI				1.68
8.917	3.70	0.00	2.022	OI				1.70
9.000	3.72	0.00	2.047	OI				1.73
9.083	3.75	0.00	2.073	OI				1.75
9.167	3.78	0.00	2.099	OI				1.77
9.250	3.80	0.00	2.125	OI				1.79
9.333	3.83	0.00	2.151	OI				1.81
9.417	3.86	0.00	2.178	OI				1.84
9.500	3.89	0.00	2.204	OI				1.86
9.583	3.92	0.00	2.231	OI				1.88
9.667	3.95	0.00	2.258	OI				1.91
9.750	3.98	0.00	2.286	OI				1.93
9.833	4.01	0.00	2.313	OI				1.95
9.917	4.05	0.00	2.341	OI				1.98
10.000	4.08	0.00	2.369	OI				2.00
10.083	4.12	0.00	2.397	OI				2.02
10.167	4.15	0.00	2.426	OI				2.05
10.250	4.19	0.00	2.454	OI				2.07
10.333	4.22	0.00	2.483	OI				2.10
10.417	4.26	0.00	2.512	OI				2.12
10.500	4.30	0.00	2.542	OI				2.15

10.583	4.34	0.00	2.572	OI	|	|	|	2.17
10.667	4.38	0.00	2.602	OI	|	|	|	2.20
10.750	4.42	0.00	2.632	OI	|	|	|	2.22
10.833	4.46	0.01	2.662	OI	|	|	|	2.25
10.917	4.50	0.01	2.693	OI	|	|	|	2.27
11.000	4.55	0.01	2.724	OI	|	|	|	2.30
11.083	4.59	0.01	2.756	OI	|	|	|	2.33
11.167	4.64	0.01	2.787	OI	|	|	|	2.35
11.250	4.69	0.01	2.819	OI	|	|	|	2.38
11.333	4.74	0.01	2.852	OI	|	|	|	2.41
11.417	4.79	0.01	2.885	OI	|	|	|	2.44
11.500	4.84	0.01	2.918	OI	|	|	|	2.46
11.583	4.89	0.01	2.951	OI	|	|	|	2.49
11.667	4.95	0.01	2.985	OI	|	|	|	2.52
11.750	5.00	0.01	3.019	OI	|	|	|	2.55
11.833	5.06	0.01	3.054	OI	|	|	|	2.58
11.917	5.12	0.01	3.089	OI	|	|	|	2.61
12.000	5.18	0.01	3.124	OI	|	|	|	2.64
12.083	5.24	0.01	3.160	OI	|	|	|	2.67
12.167	5.24	0.01	3.196	OI	|	|	|	2.70
12.250	5.23	0.01	3.232	OI	|	|	|	2.73
12.333	5.26	0.01	3.268	OI	|	|	|	2.76
12.417	5.31	0.01	3.304	OI	|	|	|	2.79
12.500	5.38	0.01	3.341	OI	|	|	|	2.82
12.583	5.44	0.01	3.378	OI	|	|	|	2.85
12.667	5.51	0.01	3.416	OI	|	|	|	2.88
12.750	5.59	0.01	3.454	OI	|	|	|	2.91
12.833	5.67	0.01	3.493	OI	|	|	|	2.94
12.917	5.76	0.01	3.532	OI	|	|	|	2.98
13.000	5.85	0.73	3.569	OI	|	|	|	3.01
13.083	5.95	2.88	3.598	OI	|	|	|	3.03
13.167	6.05	4.18	3.615	|O	|	|	|	3.05
13.250	6.15	4.98	3.625	|O	|	|	|	3.06
13.333	6.26	5.49	3.632	|O	|	|	|	3.06
13.417	6.38	5.83	3.636	|O	|	|	|	3.06
13.500	6.50	6.08	3.640	|O	|	|	|	3.07
13.583	6.62	6.28	3.642	|O	|	|	|	3.07
13.667	6.76	6.45	3.644	|O	|	|	|	3.07
13.750	6.90	6.61	3.647	|O	|	|	|	3.07
13.833	7.05	6.76	3.649	|O	|	|	|	3.08
13.917	7.21	6.91	3.651	|O	|	|	|	3.08
14.000	7.37	7.07	3.653	|OI	|	|	|	3.08
14.083	7.55	7.23	3.655	|OI	|	|	|	3.08
14.167	7.75	7.41	3.657	| O	|	|	|	3.08
14.250	7.96	7.59	3.659	| O	|	|	|	3.08
14.333	8.18	7.79	3.662	| O	|	|	|	3.09
14.417	8.42	8.00	3.665	| O	|	|	|	3.09
14.500	8.67	8.23	3.668	| O	|	|	|	3.09
14.583	8.94	8.47	3.671	| O	|	|	|	3.09
14.667	9.23	8.73	3.674	| O	|	|	|	3.10

14.750	9.55	9.00	3.678	O				3.10
14.833	9.90	9.31	3.682	O				3.10
14.917	10.29	9.63	3.686	O				3.11
15.000	10.73	10.00	3.691	O				3.11
15.083	11.24	10.41	3.696	OI				3.12
15.167	11.82	10.88	3.703	OI				3.12
15.250	12.49	11.41	3.709	O				3.13
15.333	13.25	12.02	3.717	O				3.13
15.417	14.04	12.69	3.726	O				3.14
15.500	14.39	13.33	3.735	O				3.15
15.583	14.72	13.84	3.741	OI				3.15
15.667	15.81	14.43	3.749	OI				3.16
15.750	17.46	15.35	3.761	O				3.17
15.833	19.91	16.73	3.779	OI				3.19
15.917	23.61	18.82	3.807	OI				3.21
16.000	30.45	22.24	3.851	O I				3.25
16.083	49.64	29.64	3.949	O	I			3.33
16.167	102.93	47.90	4.207		O		I	3.55
16.250	116.10	66.26	4.568			O	I	3.85
16.333	68.47	74.01	4.721			I O		3.98
16.417	47.72	69.27	4.627		I	O		3.90
16.500	36.83	61.22	4.469	I	O			3.77
16.583	30.43	53.00	4.307	I	O			3.63
16.667	25.13	45.49	4.160	I	O			3.51
16.750	21.61	36.48	4.038	I	O			3.41
16.833	18.63	29.68	3.949	I O				3.33
16.917	16.28	24.59	3.882	I O				3.27
17.000	14.20	20.70	3.831	I O				3.23
17.083	12.42	17.63	3.791	IO				3.20
17.167	11.57	15.28	3.760	IO				3.17
17.250	10.89	13.60	3.738	O				3.15
17.333	9.80	12.25	3.720	IO				3.14
17.417	8.94	11.05	3.705	IO				3.12
17.500	7.67	9.91	3.690	O				3.11
17.583	7.26	8.89	3.676	O				3.10
17.667	6.92	8.14	3.667	IO				3.09
17.750	6.63	7.57	3.659	IO				3.08
17.833	6.36	7.12	3.653	O				3.08
17.917	6.13	6.76	3.648	O				3.07
18.000	5.91	6.45	3.644	O				3.07
18.083	5.73	6.19	3.641	O				3.07
18.167	5.61	5.97	3.638	O				3.07
18.250	5.53	5.80	3.636	O				3.06
18.333	5.41	5.66	3.634	O				3.06
18.417	5.29	5.53	3.632	O				3.06
18.500	5.17	5.41	3.631	O				3.06
18.583	5.05	5.28	3.629	O				3.06
18.667	4.94	5.17	3.628	O				3.06
18.750	4.84	5.05	3.626	O				3.06
18.833	4.74	4.94	3.625	O				3.05

18.917	4.65	4.84	3.623	|O	|	|	|	3.05
19.000	4.55	4.74	3.622	|O	|	|	|	3.05
19.083	4.47	4.64	3.621	|O	|	|	|	3.05
19.167	4.38	4.55	3.620	|O	|	|	|	3.05
19.250	4.31	4.47	3.618	|O	|	|	|	3.05
19.333	4.23	4.38	3.617	|O	|	|	|	3.05
19.417	4.16	4.31	3.616	|O	|	|	|	3.05
19.500	4.09	4.23	3.615	|O	|	|	|	3.05
19.583	4.02	4.16	3.614	|O	|	|	|	3.05
19.667	3.96	4.09	3.613	|O	|	|	|	3.05
19.750	3.90	4.02	3.613	|O	|	|	|	3.04
19.833	3.84	3.96	3.612	|O	|	|	|	3.04
19.917	3.78	3.90	3.611	|O	|	|	|	3.04
20.000	3.73	3.84	3.610	|O	|	|	|	3.04
20.083	3.67	3.78	3.609	|O	|	|	|	3.04
20.167	3.62	3.73	3.609	IO	|	|	|	3.04
20.250	3.57	3.67	3.608	IO	|	|	|	3.04
20.333	3.53	3.62	3.607	O	|	|	|	3.04
20.417	3.48	3.57	3.607	O	|	|	|	3.04
20.500	3.44	3.53	3.606	O	|	|	|	3.04
20.583	3.40	3.48	3.606	O	|	|	|	3.04
20.667	3.35	3.44	3.605	O	|	|	|	3.04
20.750	3.31	3.39	3.604	O	|	|	|	3.04
20.833	3.27	3.35	3.604	O	|	|	|	3.04
20.917	3.24	3.31	3.603	O	|	|	|	3.04
21.000	3.20	3.27	3.603	O	|	|	|	3.04
21.083	3.17	3.24	3.602	O	|	|	|	3.04
21.167	3.13	3.20	3.602	O	|	|	|	3.04
21.250	3.10	3.16	3.601	O	|	|	|	3.04
21.333	3.06	3.13	3.601	O	|	|	|	3.03
21.417	3.03	3.10	3.600	O	|	|	|	3.03
21.500	3.00	3.06	3.600	O	|	|	|	3.03
21.583	2.97	3.03	3.600	O	|	|	|	3.03
21.667	2.94	3.00	3.599	O	|	|	|	3.03
21.750	2.91	2.97	3.599	O	|	|	|	3.03
21.833	2.89	2.94	3.598	O	|	|	|	3.03
21.917	2.86	2.91	3.598	O	|	|	|	3.03
22.000	2.83	2.88	3.598	O	|	|	|	3.03
22.083	2.81	2.86	3.597	O	|	|	|	3.03
22.167	2.78	2.83	3.597	O	|	|	|	3.03
22.250	2.76	2.81	3.597	O	|	|	|	3.03
22.333	2.73	2.78	3.596	O	|	|	|	3.03
22.417	2.71	2.76	3.596	O	|	|	|	3.03
22.500	2.69	2.73	3.596	O	|	|	|	3.03
22.583	2.66	2.71	3.595	O	|	|	|	3.03
22.667	2.64	2.68	3.595	O	|	|	|	3.03
22.750	2.62	2.66	3.595	O	|	|	|	3.03
22.833	2.60	2.64	3.594	O	|	|	|	3.03
22.917	2.58	2.62	3.594	O	|	|	|	3.03
23.000	2.56	2.60	3.594	O	|	|	|	3.03

23.083	2.54	2.58	3.594	O				3.03
23.167	2.52	2.56	3.593	O				3.03
23.250	2.50	2.54	3.593	O				3.03
23.333	2.48	2.52	3.593	O				3.03
23.417	2.46	2.50	3.593	O				3.03
23.500	2.44	2.48	3.592	O				3.03
23.583	2.43	2.46	3.592	O				3.03
23.667	2.41	2.44	3.592	O				3.03
23.750	2.39	2.43	3.592	O				3.03
23.833	2.38	2.41	3.591	O				3.03
23.917	2.36	2.39	3.591	O				3.03
24.000	2.34	2.37	3.591	O				3.03
24.083	2.24	2.34	3.591	O				3.03
24.167	1.69	2.19	3.589	O				3.02
24.250	0.98	1.83	3.584	O				3.02
24.333	0.66	1.41	3.578	O				3.02
24.417	0.47	1.06	3.574	O				3.01
24.500	0.35	0.79	3.570	O				3.01
24.583	0.26	0.59	3.568	O				3.01
24.667	0.19	0.44	3.566	O				3.00
24.750	0.14	0.32	3.564	O				3.00
24.833	0.11	0.24	3.563	O				3.00
24.917	0.08	0.18	3.562	O				3.00
25.000	0.05	0.13	3.562	O				3.00
25.083	0.04	0.10	3.561	O				3.00
25.167	0.03	0.07	3.561	O				3.00
25.250	0.02	0.05	3.561	O				3.00
25.333	0.01	0.03	3.560	O				3.00
25.417	0.00	0.02	3.560	O				3.00
25.500	0.00	0.01	3.560	O				3.00
25.583	0.00	0.01	3.560	O				3.00
25.667	0.00	0.01	3.560	O				3.00
25.750	0.00	0.01	3.560	O				3.00
25.833	0.00	0.01	3.560	O				3.00
25.917	0.00	0.01	3.560	O				3.00
26.000	0.00	0.01	3.560	O				3.00
26.083	0.00	0.01	3.560	O				3.00
26.167	0.00	0.01	3.559	O				3.00
26.250	0.00	0.01	3.559	O				3.00
26.333	0.00	0.01	3.559	O				3.00
26.417	0.00	0.01	3.559	O				3.00
26.500	0.00	0.01	3.559	O				3.00
26.583	0.00	0.01	3.559	O				3.00
26.667	0.00	0.01	3.559	O				3.00
26.750	0.00	0.01	3.559	O				3.00
26.833	0.00	0.01	3.559	O				3.00
26.917	0.00	0.01	3.559	O				3.00
27.000	0.00	0.01	3.559	O				3.00
27.083	0.00	0.01	3.559	O				3.00
27.167	0.00	0.01	3.559	O				3.00

27.250	0.00	0.01	3.559	O				3.00
27.333	0.00	0.01	3.559	O				3.00
27.417	0.00	0.01	3.558	O				3.00
27.500	0.00	0.01	3.558	O				3.00
27.583	0.00	0.01	3.558	O				3.00
27.667	0.00	0.01	3.558	O				3.00
27.750	0.00	0.01	3.558	O				3.00
27.833	0.00	0.01	3.558	O				3.00
27.917	0.00	0.01	3.558	O				3.00
28.000	0.00	0.01	3.558	O				3.00
28.083	0.00	0.01	3.558	O				3.00
28.167	0.00	0.01	3.558	O				3.00
28.250	0.00	0.01	3.558	O				3.00
28.333	0.00	0.01	3.558	O				3.00
28.417	0.00	0.01	3.558	O				3.00
28.500	0.00	0.01	3.558	O				3.00
28.583	0.00	0.01	3.557	O				3.00
28.667	0.00	0.01	3.557	O				3.00
28.750	0.00	0.01	3.557	O				3.00
28.833	0.00	0.01	3.557	O				3.00
28.917	0.00	0.01	3.557	O				3.00
29.000	0.00	0.01	3.557	O				3.00
29.083	0.00	0.01	3.557	O				3.00
29.167	0.00	0.01	3.557	O				3.00
29.250	0.00	0.01	3.557	O				3.00
29.333	0.00	0.01	3.557	O				3.00
29.417	0.00	0.01	3.557	O				3.00
29.500	0.00	0.01	3.557	O				3.00
29.583	0.00	0.01	3.557	O				3.00
29.667	0.00	0.01	3.557	O				3.00
29.750	0.00	0.01	3.557	O				3.00
29.833	0.00	0.01	3.556	O				3.00
29.917	0.00	0.01	3.556	O				3.00
30.000	0.00	0.01	3.556	O				3.00
30.083	0.00	0.01	3.556	O				3.00
30.167	0.00	0.01	3.556	O				3.00
30.250	0.00	0.01	3.556	O				3.00
30.333	0.00	0.01	3.556	O				3.00
30.417	0.00	0.01	3.556	O				3.00
30.500	0.00	0.01	3.556	O				3.00
30.583	0.00	0.01	3.556	O				3.00
30.667	0.00	0.01	3.556	O				3.00
30.750	0.00	0.01	3.556	O				3.00
30.833	0.00	0.01	3.556	O				3.00
30.917	0.00	0.01	3.556	O				3.00
31.000	0.00	0.01	3.555	O				3.00
31.083	0.00	0.01	3.555	O				3.00
31.167	0.00	0.01	3.555	O				3.00
31.250	0.00	0.01	3.555	O				3.00
31.333	0.00	0.01	3.555	O				3.00

31.417	0.00	0.01	3.555	O				3.00
31.500	0.00	0.01	3.555	O				3.00
31.583	0.00	0.01	3.555	O				3.00
31.667	0.00	0.01	3.555	O				3.00
31.750	0.00	0.01	3.555	O				3.00
31.833	0.00	0.01	3.555	O				3.00
31.917	0.00	0.01	3.555	O				3.00
32.000	0.00	0.01	3.555	O				3.00
32.083	0.00	0.01	3.555	O				3.00
32.167	0.00	0.01	3.555	O				3.00
32.250	0.00	0.01	3.554	O				3.00
32.333	0.00	0.01	3.554	O				3.00
32.417	0.00	0.01	3.554	O				3.00
32.500	0.00	0.01	3.554	O				3.00
32.583	0.00	0.01	3.554	O				3.00
32.667	0.00	0.01	3.554	O				3.00
32.750	0.00	0.01	3.554	O				3.00
32.833	0.00	0.01	3.554	O				2.99
32.917	0.00	0.01	3.554	O				2.99
33.000	0.00	0.01	3.554	O				2.99
33.083	0.00	0.01	3.554	O				2.99
33.167	0.00	0.01	3.554	O				2.99
33.250	0.00	0.01	3.554	O				2.99
33.333	0.00	0.01	3.554	O				2.99
33.417	0.00	0.01	3.553	O				2.99
33.500	0.00	0.01	3.553	O				2.99
33.583	0.00	0.01	3.553	O				2.99
33.667	0.00	0.01	3.553	O				2.99
33.750	0.00	0.01	3.553	O				2.99
33.833	0.00	0.01	3.553	O				2.99
33.917	0.00	0.01	3.553	O				2.99
34.000	0.00	0.01	3.553	O				2.99
34.083	0.00	0.01	3.553	O				2.99
34.167	0.00	0.01	3.553	O				2.99
34.250	0.00	0.01	3.553	O				2.99
34.333	0.00	0.01	3.553	O				2.99
34.417	0.00	0.01	3.553	O				2.99
34.500	0.00	0.01	3.553	O				2.99
34.583	0.00	0.01	3.553	O				2.99
34.667	0.00	0.01	3.552	O				2.99
34.750	0.00	0.01	3.552	O				2.99
34.833	0.00	0.01	3.552	O				2.99
34.917	0.00	0.01	3.552	O				2.99
35.000	0.00	0.01	3.552	O				2.99
35.083	0.00	0.01	3.552	O				2.99
35.167	0.00	0.01	3.552	O				2.99
35.250	0.00	0.01	3.552	O				2.99
35.333	0.00	0.01	3.552	O				2.99
35.417	0.00	0.01	3.552	O				2.99
35.500	0.00	0.01	3.552	O				2.99

35.583	0.00	0.01	3.552	O	|	|	|	2.99
35.667	0.00	0.01	3.552	O	|	|	|	2.99
35.750	0.00	0.01	3.552	O	|	|	|	2.99
35.833	0.00	0.01	3.551	O	|	|	|	2.99
35.917	0.00	0.01	3.551	O	|	|	|	2.99
36.000	0.00	0.01	3.551	O	|	|	|	2.99
36.083	0.00	0.01	3.551	O	|	|	|	2.99
36.167	0.00	0.01	3.551	O	|	|	|	2.99
36.250	0.00	0.01	3.551	O	|	|	|	2.99
36.333	0.00	0.01	3.551	O	|	|	|	2.99
36.417	0.00	0.01	3.551	O	|	|	|	2.99
36.500	0.00	0.01	3.551	O	|	|	|	2.99
36.583	0.00	0.01	3.551	O	|	|	|	2.99
36.667	0.00	0.01	3.551	O	|	|	|	2.99
36.750	0.00	0.01	3.551	O	|	|	|	2.99
36.833	0.00	0.01	3.551	O	|	|	|	2.99
36.917	0.00	0.01	3.551	O	|	|	|	2.99
37.000	0.00	0.01	3.551	O	|	|	|	2.99
37.083	0.00	0.01	3.550	O	|	|	|	2.99
37.167	0.00	0.01	3.550	O	|	|	|	2.99
37.250	0.00	0.01	3.550	O	|	|	|	2.99
37.333	0.00	0.01	3.550	O	|	|	|	2.99
37.417	0.00	0.01	3.550	O	|	|	|	2.99
37.500	0.00	0.01	3.550	O	|	|	|	2.99
37.583	0.00	0.01	3.550	O	|	|	|	2.99
37.667	0.00	0.01	3.550	O	|	|	|	2.99
37.750	0.00	0.01	3.550	O	|	|	|	2.99
37.833	0.00	0.01	3.550	O	|	|	|	2.99
37.917	0.00	0.01	3.550	O	|	|	|	2.99
38.000	0.00	0.01	3.550	O	|	|	|	2.99
38.083	0.00	0.01	3.550	O	|	|	|	2.99
38.167	0.00	0.01	3.550	O	|	|	|	2.99
38.250	0.00	0.01	3.549	O	|	|	|	2.99
38.333	0.00	0.01	3.549	O	|	|	|	2.99
38.417	0.00	0.01	3.549	O	|	|	|	2.99
38.500	0.00	0.01	3.549	O	|	|	|	2.99
38.583	0.00	0.01	3.549	O	|	|	|	2.99
38.667	0.00	0.01	3.549	O	|	|	|	2.99
38.750	0.00	0.01	3.549	O	|	|	|	2.99
38.833	0.00	0.01	3.549	O	|	|	|	2.99
38.917	0.00	0.01	3.549	O	|	|	|	2.99
39.000	0.00	0.01	3.549	O	|	|	|	2.99
39.083	0.00	0.01	3.549	O	|	|	|	2.99
39.167	0.00	0.01	3.549	O	|	|	|	2.99
39.250	0.00	0.01	3.549	O	|	|	|	2.99
39.333	0.00	0.01	3.549	O	|	|	|	2.99
39.417	0.00	0.01	3.549	O	|	|	|	2.99
39.500	0.00	0.01	3.548	O	|	|	|	2.99
39.583	0.00	0.01	3.548	O	|	|	|	2.99
39.667	0.00	0.01	3.548	O	|	|	|	2.99

39.750	0.00	0.01	3.548	O	|	|	|	2.99
39.833	0.00	0.01	3.548	O	|	|	|	2.99
39.917	0.00	0.01	3.548	O	|	|	|	2.99
40.000	0.00	0.01	3.548	O	|	|	|	2.99
40.083	0.00	0.01	3.548	O	|	|	|	2.99
40.167	0.00	0.01	3.548	O	|	|	|	2.99
40.250	0.00	0.01	3.548	O	|	|	|	2.99
40.333	0.00	0.01	3.548	O	|	|	|	2.99
40.417	0.00	0.01	3.548	O	|	|	|	2.99
40.500	0.00	0.01	3.548	O	|	|	|	2.99
40.583	0.00	0.01	3.548	O	|	|	|	2.99
40.667	0.00	0.01	3.547	O	|	|	|	2.99
40.750	0.00	0.01	3.547	O	|	|	|	2.99
40.833	0.00	0.01	3.547	O	|	|	|	2.99
40.917	0.00	0.01	3.547	O	|	|	|	2.99
41.000	0.00	0.01	3.547	O	|	|	|	2.99
41.083	0.00	0.01	3.547	O	|	|	|	2.99
41.167	0.00	0.01	3.547	O	|	|	|	2.99
41.250	0.00	0.01	3.547	O	|	|	|	2.99
41.333	0.00	0.01	3.547	O	|	|	|	2.99
41.417	0.00	0.01	3.547	O	|	|	|	2.99
41.500	0.00	0.01	3.547	O	|	|	|	2.99
41.583	0.00	0.01	3.547	O	|	|	|	2.99
41.667	0.00	0.01	3.547	O	|	|	|	2.99
41.750	0.00	0.01	3.547	O	|	|	|	2.99
41.833	0.00	0.01	3.547	O	|	|	|	2.99
41.917	0.00	0.01	3.546	O	|	|	|	2.99
42.000	0.00	0.01	3.546	O	|	|	|	2.99
42.083	0.00	0.01	3.546	O	|	|	|	2.99
42.167	0.00	0.01	3.546	O	|	|	|	2.99
42.250	0.00	0.01	3.546	O	|	|	|	2.99
42.333	0.00	0.01	3.546	O	|	|	|	2.99
42.417	0.00	0.01	3.546	O	|	|	|	2.99
42.500	0.00	0.01	3.546	O	|	|	|	2.99
42.583	0.00	0.01	3.546	O	|	|	|	2.99
42.667	0.00	0.01	3.546	O	|	|	|	2.99
42.750	0.00	0.01	3.546	O	|	|	|	2.99
42.833	0.00	0.01	3.546	O	|	|	|	2.99
42.917	0.00	0.01	3.546	O	|	|	|	2.99
43.000	0.00	0.01	3.546	O	|	|	|	2.99
43.083	0.00	0.01	3.545	O	|	|	|	2.99
43.167	0.00	0.01	3.545	O	|	|	|	2.99
43.250	0.00	0.01	3.545	O	|	|	|	2.99
43.333	0.00	0.01	3.545	O	|	|	|	2.99
43.417	0.00	0.01	3.545	O	|	|	|	2.99
43.500	0.00	0.01	3.545	O	|	|	|	2.99
43.583	0.00	0.01	3.545	O	|	|	|	2.99
43.667	0.00	0.01	3.545	O	|	|	|	2.99
43.750	0.00	0.01	3.545	O	|	|	|	2.99
43.833	0.00	0.01	3.545	O	|	|	|	2.99

43.917	0.00	0.01	3.545	O				2.99
44.000	0.00	0.01	3.545	O				2.99
44.083	0.00	0.01	3.545	O				2.99
44.167	0.00	0.01	3.545	O				2.99
44.250	0.00	0.01	3.545	O				2.99
44.333	0.00	0.01	3.544	O				2.99
44.417	0.00	0.01	3.544	O				2.99
44.500	0.00	0.01	3.544	O				2.99
44.583	0.00	0.01	3.544	O				2.99
44.667	0.00	0.01	3.544	O				2.99
44.750	0.00	0.01	3.544	O				2.99
44.833	0.00	0.01	3.544	O				2.99
44.917	0.00	0.01	3.544	O				2.99
45.000	0.00	0.01	3.544	O				2.99
45.083	0.00	0.01	3.544	O				2.99
45.167	0.00	0.01	3.544	O				2.99
45.250	0.00	0.01	3.544	O				2.99
45.333	0.00	0.01	3.544	O				2.99
45.417	0.00	0.01	3.544	O				2.99
45.500	0.00	0.01	3.543	O				2.99
45.583	0.00	0.01	3.543	O				2.99
45.667	0.00	0.01	3.543	O				2.99
45.750	0.00	0.01	3.543	O				2.99
45.833	0.00	0.01	3.543	O				2.99
45.917	0.00	0.01	3.543	O				2.99
46.000	0.00	0.01	3.543	O				2.99
46.083	0.00	0.01	3.543	O				2.99
46.167	0.00	0.01	3.543	O				2.99
46.250	0.00	0.01	3.543	O				2.99
46.333	0.00	0.01	3.543	O				2.99
46.417	0.00	0.01	3.543	O				2.99
46.500	0.00	0.01	3.543	O				2.99
46.583	0.00	0.01	3.543	O				2.99
46.667	0.00	0.01	3.543	O				2.99
46.750	0.00	0.01	3.542	O				2.99
46.833	0.00	0.01	3.542	O				2.99
46.917	0.00	0.01	3.542	O				2.99
47.000	0.00	0.01	3.542	O				2.99
47.083	0.00	0.01	3.542	O				2.99
47.167	0.00	0.01	3.542	O				2.99
47.250	0.00	0.01	3.542	O				2.99
47.333	0.00	0.01	3.542	O				2.98
47.417	0.00	0.01	3.542	O				2.98
47.500	0.00	0.01	3.542	O				2.98
47.583	0.00	0.01	3.542	O				2.98
47.667	0.00	0.01	3.542	O				2.98
47.750	0.00	0.01	3.542	O				2.98
47.833	0.00	0.01	3.542	O				2.98
47.917	0.00	0.01	3.541	O				2.98
48.000	0.00	0.01	3.541	O				2.98

48.083	0.00	0.01	3.541	O				2.98
48.167	0.00	0.01	3.541	O				2.98
48.250	0.00	0.01	3.541	O				2.98
48.333	0.00	0.01	3.541	O				2.98
48.417	0.00	0.01	3.541	O				2.98
48.500	0.00	0.01	3.541	O				2.98
48.583	0.00	0.01	3.541	O				2.98
48.667	0.00	0.01	3.541	O				2.98
48.750	0.00	0.01	3.541	O				2.98
48.833	0.00	0.01	3.541	O				2.98
48.917	0.00	0.01	3.541	O				2.98
49.000	0.00	0.01	3.541	O				2.98
49.083	0.00	0.01	3.541	O				2.98
49.167	0.00	0.01	3.540	O				2.98
49.250	0.00	0.01	3.540	O				2.98
49.333	0.00	0.01	3.540	O				2.98
49.417	0.00	0.01	3.540	O				2.98
49.500	0.00	0.01	3.540	O				2.98
49.583	0.00	0.01	3.540	O				2.98
49.667	0.00	0.01	3.540	O				2.98
49.750	0.00	0.01	3.540	O				2.98
49.833	0.00	0.01	3.540	O				2.98
49.917	0.00	0.01	3.540	O				2.98
50.000	0.00	0.01	3.540	O				2.98
50.083	0.00	0.01	3.540	O				2.98
50.167	0.00	0.01	3.540	O				2.98
50.250	0.00	0.01	3.540	O				2.98
50.333	0.00	0.01	3.540	O				2.98
50.417	0.00	0.01	3.539	O				2.98
50.500	0.00	0.01	3.539	O				2.98
50.583	0.00	0.01	3.539	O				2.98
50.667	0.00	0.01	3.539	O				2.98
50.750	0.00	0.01	3.539	O				2.98
50.833	0.00	0.01	3.539	O				2.98
50.917	0.00	0.01	3.539	O				2.98
51.000	0.00	0.01	3.539	O				2.98
51.083	0.00	0.01	3.539	O				2.98
51.167	0.00	0.01	3.539	O				2.98
51.250	0.00	0.01	3.539	O				2.98
51.333	0.00	0.01	3.539	O				2.98
51.417	0.00	0.01	3.539	O				2.98
51.500	0.00	0.01	3.539	O				2.98
51.583	0.00	0.01	3.538	O				2.98
51.667	0.00	0.01	3.538	O				2.98
51.750	0.00	0.01	3.538	O				2.98
51.833	0.00	0.01	3.538	O				2.98
51.917	0.00	0.01	3.538	O				2.98
52.000	0.00	0.01	3.538	O				2.98
52.083	0.00	0.01	3.538	O				2.98
52.167	0.00	0.01	3.538	O				2.98

52.250	0.00	0.01	3.538	O				2.98
52.333	0.00	0.01	3.538	O				2.98
52.417	0.00	0.01	3.538	O				2.98
52.500	0.00	0.01	3.538	O				2.98
52.583	0.00	0.01	3.538	O				2.98
52.667	0.00	0.01	3.538	O				2.98
52.750	0.00	0.01	3.538	O				2.98
52.833	0.00	0.01	3.537	O				2.98
52.917	0.00	0.01	3.537	O				2.98
53.000	0.00	0.01	3.537	O				2.98
53.083	0.00	0.01	3.537	O				2.98
53.167	0.00	0.01	3.537	O				2.98
53.250	0.00	0.01	3.537	O				2.98
53.333	0.00	0.01	3.537	O				2.98
53.417	0.00	0.01	3.537	O				2.98
53.500	0.00	0.01	3.537	O				2.98
53.583	0.00	0.01	3.537	O				2.98
53.667	0.00	0.01	3.537	O				2.98
53.750	0.00	0.01	3.537	O				2.98
53.833	0.00	0.01	3.537	O				2.98
53.917	0.00	0.01	3.537	O				2.98
54.000	0.00	0.01	3.536	O				2.98
54.083	0.00	0.01	3.536	O				2.98
54.167	0.00	0.01	3.536	O				2.98
54.250	0.00	0.01	3.536	O				2.98
54.333	0.00	0.01	3.536	O				2.98
54.417	0.00	0.01	3.536	O				2.98
54.500	0.00	0.01	3.536	O				2.98
54.583	0.00	0.01	3.536	O				2.98
54.667	0.00	0.01	3.536	O				2.98
54.750	0.00	0.01	3.536	O				2.98
54.833	0.00	0.01	3.536	O				2.98
54.917	0.00	0.01	3.536	O				2.98
55.000	0.00	0.01	3.536	O				2.98
55.083	0.00	0.01	3.536	O				2.98
55.167	0.00	0.01	3.536	O				2.98
55.250	0.00	0.01	3.535	O				2.98
55.333	0.00	0.01	3.535	O				2.98
55.417	0.00	0.01	3.535	O				2.98
55.500	0.00	0.01	3.535	O				2.98
55.583	0.00	0.01	3.535	O				2.98
55.667	0.00	0.01	3.535	O				2.98
55.750	0.00	0.01	3.535	O				2.98
55.833	0.00	0.01	3.535	O				2.98
55.917	0.00	0.01	3.535	O				2.98
56.000	0.00	0.01	3.535	O				2.98
56.083	0.00	0.01	3.535	O				2.98
56.167	0.00	0.01	3.535	O				2.98
56.250	0.00	0.01	3.535	O				2.98
56.333	0.00	0.01	3.535	O				2.98

56.417	0.00	0.01	3.534	O					2.98
56.500	0.00	0.01	3.534	O					2.98
56.583	0.00	0.01	3.534	O					2.98
56.667	0.00	0.01	3.534	O					2.98
56.750	0.00	0.01	3.534	O					2.98
56.833	0.00	0.01	3.534	O					2.98
56.917	0.00	0.01	3.534	O					2.98
57.000	0.00	0.01	3.534	O					2.98
57.083	0.00	0.01	3.534	O					2.98
57.167	0.00	0.01	3.534	O					2.98
57.250	0.00	0.01	3.534	O					2.98
57.333	0.00	0.01	3.534	O					2.98
57.417	0.00	0.01	3.534	O					2.98
57.500	0.00	0.01	3.534	O					2.98
57.583	0.00	0.01	3.534	O					2.98
57.667	0.00	0.01	3.533	O					2.98
57.750	0.00	0.01	3.533	O					2.98
57.833	0.00	0.01	3.533	O					2.98
57.917	0.00	0.01	3.533	O					2.98
58.000	0.00	0.01	3.533	O					2.98
58.083	0.00	0.01	3.533	O					2.98
58.167	0.00	0.01	3.533	O					2.98
58.250	0.00	0.01	3.533	O					2.98
58.333	0.00	0.01	3.533	O					2.98
58.417	0.00	0.01	3.533	O					2.98
58.500	0.00	0.01	3.533	O					2.98
58.583	0.00	0.01	3.533	O					2.98
58.667	0.00	0.01	3.533	O					2.98
58.750	0.00	0.01	3.533	O					2.98
58.833	0.00	0.01	3.532	O					2.98
58.917	0.00	0.01	3.532	O					2.98
59.000	0.00	0.01	3.532	O					2.98
59.083	0.00	0.01	3.532	O					2.98
59.167	0.00	0.01	3.532	O					2.98
59.250	0.00	0.01	3.532	O					2.98
59.333	0.00	0.01	3.532	O					2.98
59.417	0.00	0.01	3.532	O					2.98
59.500	0.00	0.01	3.532	O					2.98
59.583	0.00	0.01	3.532	O					2.98
59.667	0.00	0.01	3.532	O					2.98
59.750	0.00	0.01	3.532	O					2.98
59.833	0.00	0.01	3.532	O					2.98
59.917	0.00	0.01	3.532	O					2.98
60.000	0.00	0.01	3.532	O					2.98
60.083	0.00	0.01	3.531	O					2.98
60.167	0.00	0.01	3.531	O					2.98
60.250	0.00	0.01	3.531	O					2.98
60.333	0.00	0.01	3.531	O					2.98
60.417	0.00	0.01	3.531	O					2.98
60.500	0.00	0.01	3.531	O					2.98

60.583	0.00	0.01	3.531	O	|	|	|	2.98
60.667	0.00	0.01	3.531	O	|	|	|	2.98
60.750	0.00	0.01	3.531	O	|	|	|	2.98
60.833	0.00	0.01	3.531	O	|	|	|	2.98
60.917	0.00	0.01	3.531	O	|	|	|	2.98
61.000	0.00	0.01	3.531	O	|	|	|	2.98
61.083	0.00	0.01	3.531	O	|	|	|	2.98
61.167	0.00	0.01	3.531	O	|	|	|	2.98
61.250	0.00	0.01	3.530	O	|	|	|	2.98
61.333	0.00	0.01	3.530	O	|	|	|	2.98
61.417	0.00	0.01	3.530	O	|	|	|	2.98
61.500	0.00	0.01	3.530	O	|	|	|	2.98
61.583	0.00	0.01	3.530	O	|	|	|	2.98
61.667	0.00	0.01	3.530	O	|	|	|	2.98
61.750	0.00	0.01	3.530	O	|	|	|	2.98
61.833	0.00	0.01	3.530	O	|	|	|	2.97
61.917	0.00	0.01	3.530	O	|	|	|	2.97
62.000	0.00	0.01	3.530	O	|	|	|	2.97
62.083	0.00	0.01	3.530	O	|	|	|	2.97
62.167	0.00	0.01	3.530	O	|	|	|	2.97
62.250	0.00	0.01	3.530	O	|	|	|	2.97
62.333	0.00	0.01	3.530	O	|	|	|	2.97
62.417	0.00	0.01	3.530	O	|	|	|	2.97
62.500	0.00	0.01	3.529	O	|	|	|	2.97
62.583	0.00	0.01	3.529	O	|	|	|	2.97
62.667	0.00	0.01	3.529	O	|	|	|	2.97
62.750	0.00	0.01	3.529	O	|	|	|	2.97
62.833	0.00	0.01	3.529	O	|	|	|	2.97
62.917	0.00	0.01	3.529	O	|	|	|	2.97
63.000	0.00	0.01	3.529	O	|	|	|	2.97
63.083	0.00	0.01	3.529	O	|	|	|	2.97
63.167	0.00	0.01	3.529	O	|	|	|	2.97
63.250	0.00	0.01	3.529	O	|	|	|	2.97
63.333	0.00	0.01	3.529	O	|	|	|	2.97
63.417	0.00	0.01	3.529	O	|	|	|	2.97
63.500	0.00	0.01	3.529	O	|	|	|	2.97
63.583	0.00	0.01	3.529	O	|	|	|	2.97
63.667	0.00	0.01	3.528	O	|	|	|	2.97
63.750	0.00	0.01	3.528	O	|	|	|	2.97
63.833	0.00	0.01	3.528	O	|	|	|	2.97
63.917	0.00	0.01	3.528	O	|	|	|	2.97
64.000	0.00	0.01	3.528	O	|	|	|	2.97
64.083	0.00	0.01	3.528	O	|	|	|	2.97
64.167	0.00	0.01	3.528	O	|	|	|	2.97
64.250	0.00	0.01	3.528	O	|	|	|	2.97
64.333	0.00	0.01	3.528	O	|	|	|	2.97
64.417	0.00	0.01	3.528	O	|	|	|	2.97
64.500	0.00	0.01	3.528	O	|	|	|	2.97
64.583	0.00	0.01	3.528	O	|	|	|	2.97
64.667	0.00	0.01	3.528	O	|	|	|	2.97

64.750	0.00	0.01	3.528	O				2.97
64.833	0.00	0.01	3.528	O				2.97
64.917	0.00	0.01	3.527	O				2.97
65.000	0.00	0.01	3.527	O				2.97
65.083	0.00	0.01	3.527	O				2.97
65.167	0.00	0.01	3.527	O				2.97
65.250	0.00	0.01	3.527	O				2.97
65.333	0.00	0.01	3.527	O				2.97
65.417	0.00	0.01	3.527	O				2.97
65.500	0.00	0.01	3.527	O				2.97
65.583	0.00	0.01	3.527	O				2.97
65.667	0.00	0.01	3.527	O				2.97
65.750	0.00	0.01	3.527	O				2.97
65.833	0.00	0.01	3.527	O				2.97
65.917	0.00	0.01	3.527	O				2.97
66.000	0.00	0.01	3.527	O				2.97
66.083	0.00	0.01	3.526	O				2.97
66.167	0.00	0.01	3.526	O				2.97
66.250	0.00	0.01	3.526	O				2.97
66.333	0.00	0.01	3.526	O				2.97
66.417	0.00	0.01	3.526	O				2.97
66.500	0.00	0.01	3.526	O				2.97
66.583	0.00	0.01	3.526	O				2.97
66.667	0.00	0.01	3.526	O				2.97
66.750	0.00	0.01	3.526	O				2.97
66.833	0.00	0.01	3.526	O				2.97
66.917	0.00	0.01	3.526	O				2.97
67.000	0.00	0.01	3.526	O				2.97
67.083	0.00	0.01	3.526	O				2.97
67.167	0.00	0.01	3.526	O				2.97
67.250	0.00	0.01	3.526	O				2.97
67.333	0.00	0.01	3.525	O				2.97
67.417	0.00	0.01	3.525	O				2.97
67.500	0.00	0.01	3.525	O				2.97
67.583	0.00	0.01	3.525	O				2.97
67.667	0.00	0.01	3.525	O				2.97
67.750	0.00	0.01	3.525	O				2.97
67.833	0.00	0.01	3.525	O				2.97
67.917	0.00	0.01	3.525	O				2.97
68.000	0.00	0.01	3.525	O				2.97
68.083	0.00	0.01	3.525	O				2.97
68.167	0.00	0.01	3.525	O				2.97
68.250	0.00	0.01	3.525	O				2.97
68.333	0.00	0.01	3.525	O				2.97
68.417	0.00	0.01	3.525	O				2.97
68.500	0.00	0.01	3.524	O				2.97
68.583	0.00	0.01	3.524	O				2.97
68.667	0.00	0.01	3.524	O				2.97
68.750	0.00	0.01	3.524	O				2.97
68.833	0.00	0.01	3.524	O				2.97

68.917	0.00	0.01	3.524	O	|	|	|	2.97
69.000	0.00	0.01	3.524	O	|	|	|	2.97
69.083	0.00	0.01	3.524	O	|	|	|	2.97
69.167	0.00	0.01	3.524	O	|	|	|	2.97
69.250	0.00	0.01	3.524	O	|	|	|	2.97
69.333	0.00	0.01	3.524	O	|	|	|	2.97
69.417	0.00	0.01	3.524	O	|	|	|	2.97
69.500	0.00	0.01	3.524	O	|	|	|	2.97
69.583	0.00	0.01	3.524	O	|	|	|	2.97
69.667	0.00	0.01	3.524	O	|	|	|	2.97
69.750	0.00	0.01	3.523	O	|	|	|	2.97
69.833	0.00	0.01	3.523	O	|	|	|	2.97
69.917	0.00	0.01	3.523	O	|	|	|	2.97
70.000	0.00	0.01	3.523	O	|	|	|	2.97
70.083	0.00	0.01	3.523	O	|	|	|	2.97
70.167	0.00	0.01	3.523	O	|	|	|	2.97
70.250	0.00	0.01	3.523	O	|	|	|	2.97
70.333	0.00	0.01	3.523	O	|	|	|	2.97
70.417	0.00	0.01	3.523	O	|	|	|	2.97
70.500	0.00	0.01	3.523	O	|	|	|	2.97
70.583	0.00	0.01	3.523	O	|	|	|	2.97
70.667	0.00	0.01	3.523	O	|	|	|	2.97
70.750	0.00	0.01	3.523	O	|	|	|	2.97
70.833	0.00	0.01	3.523	O	|	|	|	2.97
70.917	0.00	0.01	3.522	O	|	|	|	2.97
71.000	0.00	0.01	3.522	O	|	|	|	2.97
71.083	0.00	0.01	3.522	O	|	|	|	2.97
71.167	0.00	0.01	3.522	O	|	|	|	2.97
71.250	0.00	0.01	3.522	O	|	|	|	2.97
71.333	0.00	0.01	3.522	O	|	|	|	2.97
71.417	0.00	0.01	3.522	O	|	|	|	2.97
71.500	0.00	0.01	3.522	O	|	|	|	2.97
71.583	0.00	0.01	3.522	O	|	|	|	2.97
71.667	0.00	0.01	3.522	O	|	|	|	2.97
71.750	0.00	0.01	3.522	O	|	|	|	2.97
71.833	0.00	0.01	3.522	O	|	|	|	2.97
71.917	0.00	0.01	3.522	O	|	|	|	2.97
72.000	0.00	0.01	3.522	O	|	|	|	2.97
72.083	0.00	0.01	3.522	O	|	|	|	2.97
72.167	0.00	0.01	3.521	O	|	|	|	2.97
72.250	0.00	0.01	3.521	O	|	|	|	2.97
72.333	0.00	0.01	3.521	O	|	|	|	2.97
72.417	0.00	0.01	3.521	O	|	|	|	2.97
72.500	0.00	0.01	3.521	O	|	|	|	2.97
72.583	0.00	0.01	3.521	O	|	|	|	2.97
72.667	0.00	0.01	3.521	O	|	|	|	2.97
72.750	0.00	0.01	3.521	O	|	|	|	2.97
72.833	0.00	0.01	3.521	O	|	|	|	2.97
72.917	0.00	0.01	3.521	O	|	|	|	2.97
73.000	0.00	0.01	3.521	O	|	|	|	2.97

73.083	0.00	0.01	3.521	O				2.97
73.167	0.00	0.01	3.521	O				2.97
73.250	0.00	0.01	3.521	O				2.97
73.333	0.00	0.01	3.520	O				2.97
73.417	0.00	0.01	3.520	O				2.97
73.500	0.00	0.01	3.520	O				2.97
73.583	0.00	0.01	3.520	O				2.97
73.667	0.00	0.01	3.520	O				2.97
73.750	0.00	0.01	3.520	O				2.97
73.833	0.00	0.01	3.520	O				2.97
73.917	0.00	0.01	3.520	O				2.97
74.000	0.00	0.01	3.520	O				2.97
74.083	0.00	0.01	3.520	O				2.97
74.167	0.00	0.01	3.520	O				2.97
74.250	0.00	0.01	3.520	O				2.97
74.333	0.00	0.01	3.520	O				2.97
74.417	0.00	0.01	3.520	O				2.97
74.500	0.00	0.01	3.520	O				2.97
74.583	0.00	0.01	3.519	O				2.97
74.667	0.00	0.01	3.519	O				2.97
74.750	0.00	0.01	3.519	O				2.97
74.833	0.00	0.01	3.519	O				2.97
74.917	0.00	0.01	3.519	O				2.97
75.000	0.00	0.01	3.519	O				2.97
75.083	0.00	0.01	3.519	O				2.97
75.167	0.00	0.01	3.519	O				2.97
75.250	0.00	0.01	3.519	O				2.97
75.333	0.00	0.01	3.519	O				2.97
75.417	0.00	0.01	3.519	O				2.97
75.500	0.00	0.01	3.519	O				2.97
75.583	0.00	0.01	3.519	O				2.97
75.667	0.00	0.01	3.519	O				2.97
75.750	0.00	0.01	3.518	O				2.97
75.833	0.00	0.01	3.518	O				2.97
75.917	0.00	0.01	3.518	O				2.97
76.000	0.00	0.01	3.518	O				2.97
76.083	0.00	0.01	3.518	O				2.97
76.167	0.00	0.01	3.518	O				2.97
76.250	0.00	0.01	3.518	O				2.97
76.333	0.00	0.01	3.518	O				2.97
76.417	0.00	0.01	3.518	O				2.96
76.500	0.00	0.01	3.518	O				2.96
76.583	0.00	0.01	3.518	O				2.96
76.667	0.00	0.01	3.518	O				2.96
76.750	0.00	0.01	3.518	O				2.96
76.833	0.00	0.01	3.518	O				2.96
76.917	0.00	0.01	3.518	O				2.96
77.000	0.00	0.01	3.517	O				2.96
77.083	0.00	0.01	3.517	O				2.96
77.167	0.00	0.01	3.517	O				2.96

77.250	0.00	0.01	3.517	O				2.96
77.333	0.00	0.01	3.517	O				2.96
77.417	0.00	0.01	3.517	O				2.96
77.500	0.00	0.01	3.517	O				2.96
77.583	0.00	0.01	3.517	O				2.96
77.667	0.00	0.01	3.517	O				2.96
77.750	0.00	0.01	3.517	O				2.96
77.833	0.00	0.01	3.517	O				2.96
77.917	0.00	0.01	3.517	O				2.96
78.000	0.00	0.01	3.517	O				2.96
78.083	0.00	0.01	3.517	O				2.96
78.167	0.00	0.01	3.516	O				2.96
78.250	0.00	0.01	3.516	O				2.96
78.333	0.00	0.01	3.516	O				2.96
78.417	0.00	0.01	3.516	O				2.96
78.500	0.00	0.01	3.516	O				2.96
78.583	0.00	0.01	3.516	O				2.96
78.667	0.00	0.01	3.516	O				2.96
78.750	0.00	0.01	3.516	O				2.96
78.833	0.00	0.01	3.516	O				2.96
78.917	0.00	0.01	3.516	O				2.96
79.000	0.00	0.01	3.516	O				2.96
79.083	0.00	0.01	3.516	O				2.96
79.167	0.00	0.01	3.516	O				2.96
79.250	0.00	0.01	3.516	O				2.96
79.333	0.00	0.01	3.516	O				2.96
79.417	0.00	0.01	3.515	O				2.96
79.500	0.00	0.01	3.515	O				2.96
79.583	0.00	0.01	3.515	O				2.96
79.667	0.00	0.01	3.515	O				2.96
79.750	0.00	0.01	3.515	O				2.96
79.833	0.00	0.01	3.515	O				2.96
79.917	0.00	0.01	3.515	O				2.96
80.000	0.00	0.01	3.515	O				2.96
80.083	0.00	0.01	3.515	O				2.96
80.167	0.00	0.01	3.515	O				2.96
80.250	0.00	0.01	3.515	O				2.96
80.333	0.00	0.01	3.515	O				2.96
80.417	0.00	0.01	3.515	O				2.96
80.500	0.00	0.01	3.515	O				2.96
80.583	0.00	0.01	3.515	O				2.96
80.667	0.00	0.01	3.514	O				2.96
80.750	0.00	0.01	3.514	O				2.96
80.833	0.00	0.01	3.514	O				2.96
80.917	0.00	0.01	3.514	O				2.96
81.000	0.00	0.01	3.514	O				2.96
81.083	0.00	0.01	3.514	O				2.96
81.167	0.00	0.01	3.514	O				2.96
81.250	0.00	0.01	3.514	O				2.96
81.333	0.00	0.01	3.514	O				2.96

81.417	0.00	0.01	3.514	O				2.96
81.500	0.00	0.01	3.514	O				2.96
81.583	0.00	0.01	3.514	O				2.96
81.667	0.00	0.01	3.514	O				2.96
81.750	0.00	0.01	3.514	O				2.96
81.833	0.00	0.01	3.513	O				2.96
81.917	0.00	0.01	3.513	O				2.96
82.000	0.00	0.01	3.513	O				2.96
82.083	0.00	0.01	3.513	O				2.96
82.167	0.00	0.01	3.513	O				2.96
82.250	0.00	0.01	3.513	O				2.96
82.333	0.00	0.01	3.513	O				2.96
82.417	0.00	0.01	3.513	O				2.96
82.500	0.00	0.01	3.513	O				2.96
82.583	0.00	0.01	3.513	O				2.96
82.667	0.00	0.01	3.513	O				2.96
82.750	0.00	0.01	3.513	O				2.96
82.833	0.00	0.01	3.513	O				2.96
82.917	0.00	0.01	3.513	O				2.96
83.000	0.00	0.01	3.513	O				2.96
83.083	0.00	0.01	3.512	O				2.96
83.167	0.00	0.01	3.512	O				2.96
83.250	0.00	0.01	3.512	O				2.96
83.333	0.00	0.01	3.512	O				2.96
83.417	0.00	0.01	3.512	O				2.96
83.500	0.00	0.01	3.512	O				2.96
83.583	0.00	0.01	3.512	O				2.96
83.667	0.00	0.01	3.512	O				2.96
83.750	0.00	0.01	3.512	O				2.96
83.833	0.00	0.01	3.512	O				2.96
83.917	0.00	0.01	3.512	O				2.96
84.000	0.00	0.01	3.512	O				2.96
84.083	0.00	0.01	3.512	O				2.96
84.167	0.00	0.01	3.512	O				2.96
84.250	0.00	0.01	3.511	O				2.96
84.333	0.00	0.01	3.511	O				2.96
84.417	0.00	0.01	3.511	O				2.96
84.500	0.00	0.01	3.511	O				2.96
84.583	0.00	0.01	3.511	O				2.96
84.667	0.00	0.01	3.511	O				2.96
84.750	0.00	0.01	3.511	O				2.96
84.833	0.00	0.01	3.511	O				2.96
84.917	0.00	0.01	3.511	O				2.96
85.000	0.00	0.01	3.511	O				2.96
85.083	0.00	0.01	3.511	O				2.96
85.167	0.00	0.01	3.511	O				2.96
85.250	0.00	0.01	3.511	O				2.96
85.333	0.00	0.01	3.511	O				2.96
85.417	0.00	0.01	3.511	O				2.96
85.500	0.00	0.01	3.510	O				2.96

85.583	0.00	0.01	3.510	O					2.96
85.667	0.00	0.01	3.510	O					2.96
85.750	0.00	0.01	3.510	O					2.96
85.833	0.00	0.01	3.510	O					2.96
85.917	0.00	0.01	3.510	O					2.96
86.000	0.00	0.01	3.510	O					2.96
86.083	0.00	0.01	3.510	O					2.96
86.167	0.00	0.01	3.510	O					2.96
86.250	0.00	0.01	3.510	O					2.96
86.333	0.00	0.01	3.510	O					2.96
86.417	0.00	0.01	3.510	O					2.96
86.500	0.00	0.01	3.510	O					2.96
86.583	0.00	0.01	3.510	O					2.96
86.667	0.00	0.01	3.509	O					2.96
86.750	0.00	0.01	3.509	O					2.96
86.833	0.00	0.01	3.509	O					2.96
86.917	0.00	0.01	3.509	O					2.96
87.000	0.00	0.01	3.509	O					2.96
87.083	0.00	0.01	3.509	O					2.96
87.167	0.00	0.01	3.509	O					2.96
87.250	0.00	0.01	3.509	O					2.96
87.333	0.00	0.01	3.509	O					2.96
87.417	0.00	0.01	3.509	O					2.96
87.500	0.00	0.01	3.509	O					2.96
87.583	0.00	0.01	3.509	O					2.96
87.667	0.00	0.01	3.509	O					2.96
87.750	0.00	0.01	3.509	O					2.96
87.833	0.00	0.01	3.509	O					2.96
87.917	0.00	0.01	3.508	O					2.96
88.000	0.00	0.01	3.508	O					2.96
88.083	0.00	0.01	3.508	O					2.96
88.167	0.00	0.01	3.508	O					2.96
88.250	0.00	0.01	3.508	O					2.96
88.333	0.00	0.01	3.508	O					2.96
88.417	0.00	0.01	3.508	O					2.96
88.500	0.00	0.01	3.508	O					2.96
88.583	0.00	0.01	3.508	O					2.96
88.667	0.00	0.01	3.508	O					2.96
88.750	0.00	0.01	3.508	O					2.96
88.833	0.00	0.01	3.508	O					2.96
88.917	0.00	0.01	3.508	O					2.96
89.000	0.00	0.01	3.508	O					2.96
89.083	0.00	0.01	3.507	O					2.96
89.167	0.00	0.01	3.507	O					2.96
89.250	0.00	0.01	3.507	O					2.96
89.333	0.00	0.01	3.507	O					2.96
89.417	0.00	0.01	3.507	O					2.96
89.500	0.00	0.01	3.507	O					2.96
89.583	0.00	0.01	3.507	O					2.96
89.667	0.00	0.01	3.507	O					2.96

89.750	0.00	0.01	3.507	O				2.96
89.833	0.00	0.01	3.507	O				2.96
89.917	0.00	0.01	3.507	O				2.96
90.000	0.00	0.01	3.507	O				2.96
90.083	0.00	0.01	3.507	O				2.96
90.167	0.00	0.01	3.507	O				2.96
90.250	0.00	0.01	3.507	O				2.96
90.333	0.00	0.01	3.506	O				2.96
90.417	0.00	0.01	3.506	O				2.96
90.500	0.00	0.01	3.506	O				2.96
90.583	0.00	0.01	3.506	O				2.96
90.667	0.00	0.01	3.506	O				2.96
90.750	0.00	0.01	3.506	O				2.96
90.833	0.00	0.01	3.506	O				2.96
90.917	0.00	0.01	3.506	O				2.95
91.000	0.00	0.01	3.506	O				2.95
91.083	0.00	0.01	3.506	O				2.95
91.167	0.00	0.01	3.506	O				2.95
91.250	0.00	0.01	3.506	O				2.95
91.333	0.00	0.01	3.506	O				2.95
91.417	0.00	0.01	3.506	O				2.95
91.500	0.00	0.01	3.505	O				2.95
91.583	0.00	0.01	3.505	O				2.95
91.667	0.00	0.01	3.505	O				2.95
91.750	0.00	0.01	3.505	O				2.95
91.833	0.00	0.01	3.505	O				2.95
91.917	0.00	0.01	3.505	O				2.95
92.000	0.00	0.01	3.505	O				2.95
92.083	0.00	0.01	3.505	O				2.95
92.167	0.00	0.01	3.505	O				2.95
92.250	0.00	0.01	3.505	O				2.95
92.333	0.00	0.01	3.505	O				2.95
92.417	0.00	0.01	3.505	O				2.95
92.500	0.00	0.01	3.505	O				2.95
92.583	0.00	0.01	3.505	O				2.95
92.667	0.00	0.01	3.505	O				2.95
92.750	0.00	0.01	3.504	O				2.95
92.833	0.00	0.01	3.504	O				2.95
92.917	0.00	0.01	3.504	O				2.95
93.000	0.00	0.01	3.504	O				2.95
93.083	0.00	0.01	3.504	O				2.95
93.167	0.00	0.01	3.504	O				2.95
93.250	0.00	0.01	3.504	O				2.95
93.333	0.00	0.01	3.504	O				2.95
93.417	0.00	0.01	3.504	O				2.95
93.500	0.00	0.01	3.504	O				2.95
93.583	0.00	0.01	3.504	O				2.95
93.667	0.00	0.01	3.504	O				2.95
93.750	0.00	0.01	3.504	O				2.95
93.833	0.00	0.01	3.504	O				2.95

93.917	0.00	0.01	3.503	O				2.95
94.000	0.00	0.01	3.503	O				2.95
94.083	0.00	0.01	3.503	O				2.95
94.167	0.00	0.01	3.503	O				2.95
94.250	0.00	0.01	3.503	O				2.95
94.333	0.00	0.01	3.503	O				2.95
94.417	0.00	0.01	3.503	O				2.95
94.500	0.00	0.01	3.503	O				2.95
94.583	0.00	0.01	3.503	O				2.95
94.667	0.00	0.01	3.503	O				2.95
94.750	0.00	0.01	3.503	O				2.95
94.833	0.00	0.01	3.503	O				2.95
94.917	0.00	0.01	3.503	O				2.95
95.000	0.00	0.01	3.503	O				2.95
95.083	0.00	0.01	3.503	O				2.95
95.167	0.00	0.01	3.502	O				2.95
95.250	0.00	0.01	3.502	O				2.95
95.333	0.00	0.01	3.502	O				2.95
95.417	0.00	0.01	3.502	O				2.95
95.500	0.00	0.01	3.502	O				2.95
95.583	0.00	0.01	3.502	O				2.95
95.667	0.00	0.01	3.502	O				2.95
95.750	0.00	0.01	3.502	O				2.95
95.833	0.00	0.01	3.502	O				2.95
95.917	0.00	0.01	3.502	O				2.95
96.000	0.00	0.01	3.502	O				2.95
96.083	0.00	0.01	3.502	O				2.95
96.167	0.00	0.01	3.502	O				2.95
96.250	0.00	0.01	3.502	O				2.95
96.333	0.00	0.01	3.501	O				2.95
96.417	0.00	0.01	3.501	O				2.95
96.500	0.00	0.01	3.501	O				2.95
96.583	0.00	0.01	3.501	O				2.95
96.667	0.00	0.01	3.501	O				2.95
96.750	0.00	0.01	3.501	O				2.95
96.833	0.00	0.01	3.501	O				2.95
96.917	0.00	0.01	3.501	O				2.95
97.000	0.00	0.01	3.501	O				2.95
97.083	0.00	0.01	3.501	O				2.95
97.167	0.00	0.01	3.501	O				2.95
97.250	0.00	0.01	3.501	O				2.95
97.333	0.00	0.01	3.501	O				2.95
97.417	0.00	0.01	3.501	O				2.95
97.500	0.00	0.01	3.501	O				2.95
97.583	0.00	0.01	3.500	O				2.95
97.667	0.00	0.01	3.500	O				2.95
97.750	0.00	0.01	3.500	O				2.95
97.833	0.00	0.01	3.500	O				2.95
97.917	0.00	0.01	3.500	O				2.95
98.000	0.00	0.01	3.500	O				2.95

98.083	0.00	0.01	3.500	O				2.95
98.167	0.00	0.01	3.500	O				2.95
98.250	0.00	0.01	3.500	O				2.95
98.333	0.00	0.01	3.500	O				2.95
98.417	0.00	0.01	3.500	O				2.95
98.500	0.00	0.01	3.500	O				2.95
98.583	0.00	0.01	3.500	O				2.95
98.667	0.00	0.01	3.500	O				2.95
98.750	0.00	0.01	3.499	O				2.95
98.833	0.00	0.01	3.499	O				2.95
98.917	0.00	0.01	3.499	O				2.95
99.000	0.00	0.01	3.499	O				2.95
99.083	0.00	0.01	3.499	O				2.95
99.167	0.00	0.01	3.499	O				2.95
99.250	0.00	0.01	3.499	O				2.95
99.333	0.00	0.01	3.499	O				2.95
99.417	0.00	0.01	3.499	O				2.95
99.500	0.00	0.01	3.499	O				2.95
99.583	0.00	0.01	3.499	O				2.95
99.667	0.00	0.01	3.499	O				2.95
99.750	0.00	0.01	3.499	O				2.95
99.833	0.00	0.01	3.499	O				2.95
99.917	0.00	0.01	3.499	O				2.95
100.000	0.00	0.01	3.498	O				2.95
100.083	0.00	0.01	3.498	O				2.95
100.167	0.00	0.01	3.498	O				2.95
100.250	0.00	0.01	3.498	O				2.95
100.333	0.00	0.01	3.498	O				2.95
100.417	0.00	0.01	3.498	O				2.95
100.500	0.00	0.01	3.498	O				2.95
100.583	0.00	0.01	3.498	O				2.95
100.667	0.00	0.01	3.498	O				2.95
100.750	0.00	0.01	3.498	O				2.95
100.833	0.00	0.01	3.498	O				2.95
100.917	0.00	0.01	3.498	O				2.95
101.000	0.00	0.01	3.498	O				2.95
101.083	0.00	0.01	3.498	O				2.95
101.167	0.00	0.01	3.497	O				2.95
101.250	0.00	0.01	3.497	O				2.95
101.333	0.00	0.01	3.497	O				2.95
101.417	0.00	0.01	3.497	O				2.95
101.500	0.00	0.01	3.497	O				2.95
101.583	0.00	0.01	3.497	O				2.95
101.667	0.00	0.01	3.497	O				2.95
101.750	0.00	0.01	3.497	O				2.95
101.833	0.00	0.01	3.497	O				2.95
101.917	0.00	0.01	3.497	O				2.95
102.000	0.00	0.01	3.497	O				2.95
102.083	0.00	0.01	3.497	O				2.95
102.167	0.00	0.01	3.497	O				2.95

102.250	0.00	0.01	3.497	O				2.95
102.333	0.00	0.01	3.497	O				2.95
102.417	0.00	0.01	3.496	O				2.95
102.500	0.00	0.01	3.496	O				2.95
102.583	0.00	0.01	3.496	O				2.95
102.667	0.00	0.01	3.496	O				2.95
102.750	0.00	0.01	3.496	O				2.95
102.833	0.00	0.01	3.496	O				2.95
102.917	0.00	0.01	3.496	O				2.95
103.000	0.00	0.01	3.496	O				2.95
103.083	0.00	0.01	3.496	O				2.95
103.167	0.00	0.01	3.496	O				2.95
103.250	0.00	0.01	3.496	O				2.95
103.333	0.00	0.01	3.496	O				2.95
103.417	0.00	0.01	3.496	O				2.95
103.500	0.00	0.01	3.496	O				2.95
103.583	0.00	0.01	3.495	O				2.95
103.667	0.00	0.01	3.495	O				2.95
103.750	0.00	0.01	3.495	O				2.95
103.833	0.00	0.01	3.495	O				2.95
103.917	0.00	0.01	3.495	O				2.95
104.000	0.00	0.01	3.495	O				2.95
104.083	0.00	0.01	3.495	O				2.95
104.167	0.00	0.01	3.495	O				2.95
104.250	0.00	0.01	3.495	O				2.95
104.333	0.00	0.01	3.495	O				2.95
104.417	0.00	0.01	3.495	O				2.95
104.500	0.00	0.01	3.495	O				2.95
104.583	0.00	0.01	3.495	O				2.95
104.667	0.00	0.01	3.495	O				2.95
104.750	0.00	0.01	3.495	O				2.95
104.833	0.00	0.01	3.494	O				2.95
104.917	0.00	0.01	3.494	O				2.95
105.000	0.00	0.01	3.494	O				2.95
105.083	0.00	0.01	3.494	O				2.95
105.167	0.00	0.01	3.494	O				2.95
105.250	0.00	0.01	3.494	O				2.95
105.333	0.00	0.01	3.494	O				2.95
105.417	0.00	0.01	3.494	O				2.94
105.500	0.00	0.01	3.494	O				2.94
105.583	0.00	0.01	3.494	O				2.94
105.667	0.00	0.01	3.494	O				2.94
105.750	0.00	0.01	3.494	O				2.94
105.833	0.00	0.01	3.494	O				2.94
105.917	0.00	0.01	3.494	O				2.94
106.000	0.00	0.01	3.493	O				2.94
106.083	0.00	0.01	3.493	O				2.94
106.167	0.00	0.01	3.493	O				2.94
106.250	0.00	0.01	3.493	O				2.94
106.333	0.00	0.01	3.493	O				2.94

106.417	0.00	0.01	3.493	O				2.94
106.500	0.00	0.01	3.493	O				2.94
106.583	0.00	0.01	3.493	O				2.94
106.667	0.00	0.01	3.493	O				2.94
106.750	0.00	0.01	3.493	O				2.94
106.833	0.00	0.01	3.493	O				2.94
106.917	0.00	0.01	3.493	O				2.94
107.000	0.00	0.01	3.493	O				2.94
107.083	0.00	0.01	3.493	O				2.94
107.167	0.00	0.01	3.493	O				2.94
107.250	0.00	0.01	3.492	O				2.94
107.333	0.00	0.01	3.492	O				2.94
107.417	0.00	0.01	3.492	O				2.94
107.500	0.00	0.01	3.492	O				2.94
107.583	0.00	0.01	3.492	O				2.94
107.667	0.00	0.01	3.492	O				2.94
107.750	0.00	0.01	3.492	O				2.94
107.833	0.00	0.01	3.492	O				2.94
107.917	0.00	0.01	3.492	O				2.94
108.000	0.00	0.01	3.492	O				2.94
108.083	0.00	0.01	3.492	O				2.94
108.167	0.00	0.01	3.492	O				2.94
108.250	0.00	0.01	3.492	O				2.94
108.333	0.00	0.01	3.492	O				2.94
108.417	0.00	0.01	3.491	O				2.94
108.500	0.00	0.01	3.491	O				2.94
108.583	0.00	0.01	3.491	O				2.94
108.667	0.00	0.01	3.491	O				2.94
108.750	0.00	0.01	3.491	O				2.94
108.833	0.00	0.01	3.491	O				2.94
108.917	0.00	0.01	3.491	O				2.94
109.000	0.00	0.01	3.491	O				2.94
109.083	0.00	0.01	3.491	O				2.94
109.167	0.00	0.01	3.491	O				2.94
109.250	0.00	0.01	3.491	O				2.94
109.333	0.00	0.01	3.491	O				2.94
109.417	0.00	0.01	3.491	O				2.94
109.500	0.00	0.01	3.491	O				2.94
109.583	0.00	0.01	3.491	O				2.94
109.667	0.00	0.01	3.490	O				2.94
109.750	0.00	0.01	3.490	O				2.94
109.833	0.00	0.01	3.490	O				2.94
109.917	0.00	0.01	3.490	O				2.94
110.000	0.00	0.01	3.490	O				2.94
110.083	0.00	0.01	3.490	O				2.94
110.167	0.00	0.01	3.490	O				2.94
110.250	0.00	0.01	3.490	O				2.94
110.333	0.00	0.01	3.490	O				2.94
110.417	0.00	0.01	3.490	O				2.94
110.500	0.00	0.01	3.490	O				2.94

110.583	0.00	0.01	3.490	O				2.94
110.667	0.00	0.01	3.490	O				2.94
110.750	0.00	0.01	3.490	O				2.94
110.833	0.00	0.01	3.490	O				2.94
110.917	0.00	0.01	3.489	O				2.94
111.000	0.00	0.01	3.489	O				2.94
111.083	0.00	0.01	3.489	O				2.94
111.167	0.00	0.01	3.489	O				2.94
111.250	0.00	0.01	3.489	O				2.94
111.333	0.00	0.01	3.489	O				2.94
111.417	0.00	0.01	3.489	O				2.94
111.500	0.00	0.01	3.489	O				2.94
111.583	0.00	0.01	3.489	O				2.94
111.667	0.00	0.01	3.489	O				2.94
111.750	0.00	0.01	3.489	O				2.94
111.833	0.00	0.01	3.489	O				2.94
111.917	0.00	0.01	3.489	O				2.94
112.000	0.00	0.01	3.489	O				2.94
112.083	0.00	0.01	3.488	O				2.94
112.167	0.00	0.01	3.488	O				2.94
112.250	0.00	0.01	3.488	O				2.94
112.333	0.00	0.01	3.488	O				2.94
112.417	0.00	0.01	3.488	O				2.94
112.500	0.00	0.01	3.488	O				2.94
112.583	0.00	0.01	3.488	O				2.94
112.667	0.00	0.01	3.488	O				2.94
112.750	0.00	0.01	3.488	O				2.94
112.833	0.00	0.01	3.488	O				2.94
112.917	0.00	0.01	3.488	O				2.94
113.000	0.00	0.01	3.488	O				2.94
113.083	0.00	0.01	3.488	O				2.94
113.167	0.00	0.01	3.488	O				2.94
113.250	0.00	0.01	3.488	O				2.94
113.333	0.00	0.01	3.487	O				2.94
113.417	0.00	0.01	3.487	O				2.94
113.500	0.00	0.01	3.487	O				2.94
113.583	0.00	0.01	3.487	O				2.94
113.667	0.00	0.01	3.487	O				2.94
113.750	0.00	0.01	3.487	O				2.94
113.833	0.00	0.01	3.487	O				2.94
113.917	0.00	0.01	3.487	O				2.94
114.000	0.00	0.01	3.487	O				2.94
114.083	0.00	0.01	3.487	O				2.94
114.167	0.00	0.01	3.487	O				2.94
114.250	0.00	0.01	3.487	O				2.94
114.333	0.00	0.01	3.487	O				2.94
114.417	0.00	0.01	3.487	O				2.94
114.500	0.00	0.01	3.486	O				2.94
114.583	0.00	0.01	3.486	O				2.94
114.667	0.00	0.01	3.486	O				2.94

114.750	0.00	0.01	3.486	O				2.94
114.833	0.00	0.01	3.486	O				2.94
114.917	0.00	0.01	3.486	O				2.94
115.000	0.00	0.01	3.486	O				2.94
115.083	0.00	0.01	3.486	O				2.94
115.167	0.00	0.01	3.486	O				2.94
115.250	0.00	0.01	3.486	O				2.94
115.333	0.00	0.01	3.486	O				2.94
115.417	0.00	0.01	3.486	O				2.94
115.500	0.00	0.01	3.486	O				2.94
115.583	0.00	0.01	3.486	O				2.94
115.667	0.00	0.01	3.486	O				2.94
115.750	0.00	0.01	3.485	O				2.94
115.833	0.00	0.01	3.485	O				2.94
115.917	0.00	0.01	3.485	O				2.94
116.000	0.00	0.01	3.485	O				2.94
116.083	0.00	0.01	3.485	O				2.94
116.167	0.00	0.01	3.485	O				2.94
116.250	0.00	0.01	3.485	O				2.94
116.333	0.00	0.01	3.485	O				2.94
116.417	0.00	0.01	3.485	O				2.94
116.500	0.00	0.01	3.485	O				2.94
116.583	0.00	0.01	3.485	O				2.94
116.667	0.00	0.01	3.485	O				2.94
116.750	0.00	0.01	3.485	O				2.94
116.833	0.00	0.01	3.485	O				2.94
116.917	0.00	0.01	3.484	O				2.94
117.000	0.00	0.01	3.484	O				2.94
117.083	0.00	0.01	3.484	O				2.94
117.167	0.00	0.01	3.484	O				2.94
117.250	0.00	0.01	3.484	O				2.94
117.333	0.00	0.01	3.484	O				2.94
117.417	0.00	0.01	3.484	O				2.94
117.500	0.00	0.01	3.484	O				2.94
117.583	0.00	0.01	3.484	O				2.94
117.667	0.00	0.01	3.484	O				2.94
117.750	0.00	0.01	3.484	O				2.94
117.833	0.00	0.01	3.484	O				2.94
117.917	0.00	0.01	3.484	O				2.94
118.000	0.00	0.01	3.484	O				2.94
118.083	0.00	0.01	3.484	O				2.94
118.167	0.00	0.01	3.483	O				2.94
118.250	0.00	0.01	3.483	O				2.94
118.333	0.00	0.01	3.483	O				2.94
118.417	0.00	0.01	3.483	O				2.94
118.500	0.00	0.01	3.483	O				2.94
118.583	0.00	0.01	3.483	O				2.94
118.667	0.00	0.01	3.483	O				2.94
118.750	0.00	0.01	3.483	O				2.94
118.833	0.00	0.01	3.483	O				2.94

118.917	0.00	0.01	3.483	O					2.94
119.000	0.00	0.01	3.483	O					2.94
119.083	0.00	0.01	3.483	O					2.94
119.167	0.00	0.01	3.483	O					2.94
119.250	0.00	0.01	3.483	O					2.94
119.333	0.00	0.01	3.482	O					2.94
119.417	0.00	0.01	3.482	O					2.94
119.500	0.00	0.01	3.482	O					2.94
119.583	0.00	0.01	3.482	O					2.94
119.667	0.00	0.01	3.482	O					2.94
119.750	0.00	0.01	3.482	O					2.94
119.833	0.00	0.01	3.482	O					2.94
119.917	0.00	0.01	3.482	O					2.93
120.000	0.00	0.01	3.482	O					2.93
120.083	0.00	0.01	3.482	O					2.93
120.167	0.00	0.01	3.482	O					2.93
120.250	0.00	0.01	3.482	O					2.93
120.333	0.00	0.01	3.482	O					2.93
120.417	0.00	0.01	3.482	O					2.93
120.500	0.00	0.01	3.482	O					2.93
120.583	0.00	0.01	3.481	O					2.93
120.667	0.00	0.01	3.481	O					2.93
120.750	0.00	0.01	3.481	O					2.93
120.833	0.00	0.01	3.481	O					2.93
120.917	0.00	0.01	3.481	O					2.93
121.000	0.00	0.01	3.481	O					2.93
121.083	0.00	0.01	3.481	O					2.93
121.167	0.00	0.01	3.481	O					2.93
121.250	0.00	0.01	3.481	O					2.93
121.333	0.00	0.01	3.481	O					2.93
121.417	0.00	0.01	3.481	O					2.93
121.500	0.00	0.01	3.481	O					2.93
121.583	0.00	0.01	3.481	O					2.93
121.667	0.00	0.01	3.481	O					2.93
121.750	0.00	0.01	3.480	O					2.93
121.833	0.00	0.01	3.480	O					2.93
121.917	0.00	0.01	3.480	O					2.93
122.000	0.00	0.01	3.480	O					2.93
122.083	0.00	0.01	3.480	O					2.93
122.167	0.00	0.01	3.480	O					2.93
122.250	0.00	0.01	3.480	O					2.93
122.333	0.00	0.01	3.480	O					2.93
122.417	0.00	0.01	3.480	O					2.93
122.500	0.00	0.01	3.480	O					2.93
122.583	0.00	0.01	3.480	O					2.93
122.667	0.00	0.01	3.480	O					2.93
122.750	0.00	0.01	3.480	O					2.93
122.833	0.00	0.01	3.480	O					2.93
122.917	0.00	0.01	3.480	O					2.93
123.000	0.00	0.01	3.479	O					2.93

123.083	0.00	0.01	3.479	O				2.93
123.167	0.00	0.01	3.479	O				2.93
123.250	0.00	0.01	3.479	O				2.93
123.333	0.00	0.01	3.479	O				2.93
123.417	0.00	0.01	3.479	O				2.93
123.500	0.00	0.01	3.479	O				2.93
123.583	0.00	0.01	3.479	O				2.93
123.667	0.00	0.01	3.479	O				2.93
123.750	0.00	0.01	3.479	O				2.93
123.833	0.00	0.01	3.479	O				2.93
123.917	0.00	0.01	3.479	O				2.93
124.000	0.00	0.01	3.479	O				2.93
124.083	0.00	0.01	3.479	O				2.93
124.167	0.00	0.01	3.478	O				2.93
124.250	0.00	0.01	3.478	O				2.93
124.333	0.00	0.01	3.478	O				2.93
124.417	0.00	0.01	3.478	O				2.93
124.500	0.00	0.01	3.478	O				2.93
124.583	0.00	0.01	3.478	O				2.93
124.667	0.00	0.01	3.478	O				2.93
124.750	0.00	0.01	3.478	O				2.93
124.833	0.00	0.01	3.478	O				2.93
124.917	0.00	0.01	3.478	O				2.93
125.000	0.00	0.01	3.478	O				2.93
125.083	0.00	0.01	3.478	O				2.93
125.167	0.00	0.01	3.478	O				2.93
125.250	0.00	0.01	3.478	O				2.93
125.333	0.00	0.01	3.478	O				2.93
125.417	0.00	0.01	3.477	O				2.93
125.500	0.00	0.01	3.477	O				2.93
125.583	0.00	0.01	3.477	O				2.93
125.667	0.00	0.01	3.477	O				2.93
125.750	0.00	0.01	3.477	O				2.93
125.833	0.00	0.01	3.477	O				2.93
125.917	0.00	0.01	3.477	O				2.93
126.000	0.00	0.01	3.477	O				2.93
126.083	0.00	0.01	3.477	O				2.93
126.167	0.00	0.01	3.477	O				2.93
126.250	0.00	0.01	3.477	O				2.93
126.333	0.00	0.01	3.477	O				2.93
126.417	0.00	0.01	3.477	O				2.93
126.500	0.00	0.01	3.477	O				2.93
126.583	0.00	0.01	3.476	O				2.93
126.667	0.00	0.01	3.476	O				2.93
126.750	0.00	0.01	3.476	O				2.93
126.833	0.00	0.01	3.476	O				2.93
126.917	0.00	0.01	3.476	O				2.93
127.000	0.00	0.01	3.476	O				2.93
127.083	0.00	0.01	3.476	O				2.93
127.167	0.00	0.01	3.476	O				2.93

127.250	0.00	0.01	3.476	O				2.93
127.333	0.00	0.01	3.476	O				2.93
127.417	0.00	0.01	3.476	O				2.93
127.500	0.00	0.01	3.476	O				2.93
127.583	0.00	0.01	3.476	O				2.93
127.667	0.00	0.01	3.476	O				2.93
127.750	0.00	0.01	3.476	O				2.93
127.833	0.00	0.01	3.475	O				2.93
127.917	0.00	0.01	3.475	O				2.93
128.000	0.00	0.01	3.475	O				2.93
128.083	0.00	0.01	3.475	O				2.93
128.167	0.00	0.01	3.475	O				2.93
128.250	0.00	0.01	3.475	O				2.93
128.333	0.00	0.01	3.475	O				2.93
128.417	0.00	0.01	3.475	O				2.93
128.500	0.00	0.01	3.475	O				2.93
128.583	0.00	0.01	3.475	O				2.93
128.667	0.00	0.01	3.475	O				2.93
128.750	0.00	0.01	3.475	O				2.93
128.833	0.00	0.01	3.475	O				2.93
128.917	0.00	0.01	3.475	O				2.93
129.000	0.00	0.01	3.474	O				2.93
129.083	0.00	0.01	3.474	O				2.93
129.167	0.00	0.01	3.474	O				2.93
129.250	0.00	0.01	3.474	O				2.93
129.333	0.00	0.01	3.474	O				2.93
129.417	0.00	0.01	3.474	O				2.93
129.500	0.00	0.01	3.474	O				2.93
129.583	0.00	0.01	3.474	O				2.93
129.667	0.00	0.01	3.474	O				2.93
129.750	0.00	0.01	3.474	O				2.93
129.833	0.00	0.01	3.474	O				2.93
129.917	0.00	0.01	3.474	O				2.93
130.000	0.00	0.01	3.474	O				2.93
130.083	0.00	0.01	3.474	O				2.93
130.167	0.00	0.01	3.474	O				2.93
130.250	0.00	0.01	3.473	O				2.93
130.333	0.00	0.01	3.473	O				2.93
130.417	0.00	0.01	3.473	O				2.93
130.500	0.00	0.01	3.473	O				2.93
130.583	0.00	0.01	3.473	O				2.93
130.667	0.00	0.01	3.473	O				2.93
130.750	0.00	0.01	3.473	O				2.93
130.833	0.00	0.01	3.473	O				2.93
130.917	0.00	0.01	3.473	O				2.93
131.000	0.00	0.01	3.473	O				2.93
131.083	0.00	0.01	3.473	O				2.93
131.167	0.00	0.01	3.473	O				2.93
131.250	0.00	0.01	3.473	O				2.93
131.333	0.00	0.01	3.473	O				2.93

131.417	0.00	0.01	3.472	O				2.93
131.500	0.00	0.01	3.472	O				2.93
131.583	0.00	0.01	3.472	O				2.93
131.667	0.00	0.01	3.472	O				2.93
131.750	0.00	0.01	3.472	O				2.93
131.833	0.00	0.01	3.472	O				2.93
131.917	0.00	0.01	3.472	O				2.93
132.000	0.00	0.01	3.472	O				2.93
132.083	0.00	0.01	3.472	O				2.93
132.167	0.00	0.01	3.472	O				2.93
132.250	0.00	0.01	3.472	O				2.93
132.333	0.00	0.01	3.472	O				2.93
132.417	0.00	0.01	3.472	O				2.93
132.500	0.00	0.01	3.472	O				2.93
132.583	0.00	0.01	3.472	O				2.93
132.667	0.00	0.01	3.471	O				2.93
132.750	0.00	0.01	3.471	O				2.93
132.833	0.00	0.01	3.471	O				2.93
132.917	0.00	0.01	3.471	O				2.93
133.000	0.00	0.01	3.471	O				2.93
133.083	0.00	0.01	3.471	O				2.93
133.167	0.00	0.01	3.471	O				2.93
133.250	0.00	0.01	3.471	O				2.93
133.333	0.00	0.01	3.471	O				2.93
133.417	0.00	0.01	3.471	O				2.93
133.500	0.00	0.01	3.471	O				2.93
133.583	0.00	0.01	3.471	O				2.93
133.667	0.00	0.01	3.471	O				2.93
133.750	0.00	0.01	3.471	O				2.93
133.833	0.00	0.01	3.470	O				2.93
133.917	0.00	0.01	3.470	O				2.93
134.000	0.00	0.01	3.470	O				2.93
134.083	0.00	0.01	3.470	O				2.93
134.167	0.00	0.01	3.470	O				2.93
134.250	0.00	0.01	3.470	O				2.93
134.333	0.00	0.01	3.470	O				2.93
134.417	0.00	0.01	3.470	O				2.93
134.500	0.00	0.01	3.470	O				2.92
134.583	0.00	0.01	3.470	O				2.92
134.667	0.00	0.01	3.470	O				2.92
134.750	0.00	0.01	3.470	O				2.92
134.833	0.00	0.01	3.470	O				2.92
134.917	0.00	0.01	3.470	O				2.92
135.000	0.00	0.01	3.470	O				2.92
135.083	0.00	0.01	3.469	O				2.92
135.167	0.00	0.01	3.469	O				2.92
135.250	0.00	0.01	3.469	O				2.92
135.333	0.00	0.01	3.469	O				2.92
135.417	0.00	0.01	3.469	O				2.92
135.500	0.00	0.01	3.469	O				2.92

135.583	0.00	0.01	3.469	O				2.92
135.667	0.00	0.01	3.469	O				2.92
135.750	0.00	0.01	3.469	O				2.92
135.833	0.00	0.01	3.469	O				2.92
135.917	0.00	0.01	3.469	O				2.92
136.000	0.00	0.01	3.469	O				2.92
136.083	0.00	0.01	3.469	O				2.92
136.167	0.00	0.01	3.469	O				2.92
136.250	0.00	0.01	3.468	O				2.92
136.333	0.00	0.01	3.468	O				2.92
136.417	0.00	0.01	3.468	O				2.92
136.500	0.00	0.01	3.468	O				2.92
136.583	0.00	0.01	3.468	O				2.92
136.667	0.00	0.01	3.468	O				2.92
136.750	0.00	0.01	3.468	O				2.92
136.833	0.00	0.01	3.468	O				2.92
136.917	0.00	0.01	3.468	O				2.92
137.000	0.00	0.01	3.468	O				2.92
137.083	0.00	0.01	3.468	O				2.92
137.167	0.00	0.01	3.468	O				2.92
137.250	0.00	0.01	3.468	O				2.92
137.333	0.00	0.01	3.468	O				2.92
137.417	0.00	0.01	3.468	O				2.92
137.500	0.00	0.01	3.467	O				2.92
137.583	0.00	0.01	3.467	O				2.92
137.667	0.00	0.01	3.467	O				2.92
137.750	0.00	0.01	3.467	O				2.92
137.833	0.00	0.01	3.467	O				2.92
137.917	0.00	0.01	3.467	O				2.92
138.000	0.00	0.01	3.467	O				2.92
138.083	0.00	0.01	3.467	O				2.92
138.167	0.00	0.01	3.467	O				2.92
138.250	0.00	0.01	3.467	O				2.92
138.333	0.00	0.01	3.467	O				2.92
138.417	0.00	0.01	3.467	O				2.92
138.500	0.00	0.01	3.467	O				2.92
138.583	0.00	0.01	3.467	O				2.92
138.667	0.00	0.01	3.466	O				2.92
138.750	0.00	0.01	3.466	O				2.92
138.833	0.00	0.01	3.466	O				2.92
138.917	0.00	0.01	3.466	O				2.92
139.000	0.00	0.01	3.466	O				2.92
139.083	0.00	0.01	3.466	O				2.92
139.167	0.00	0.01	3.466	O				2.92
139.250	0.00	0.01	3.466	O				2.92
139.333	0.00	0.01	3.466	O				2.92
139.417	0.00	0.01	3.466	O				2.92
139.500	0.00	0.01	3.466	O				2.92
139.583	0.00	0.01	3.466	O				2.92
139.667	0.00	0.01	3.466	O				2.92

139.750	0.00	0.01	3.466	O				2.92
139.833	0.00	0.01	3.466	O				2.92
139.917	0.00	0.01	3.465	O				2.92
140.000	0.00	0.01	3.465	O				2.92
140.083	0.00	0.01	3.465	O				2.92
140.167	0.00	0.01	3.465	O				2.92
140.250	0.00	0.01	3.465	O				2.92
140.333	0.00	0.01	3.465	O				2.92
140.417	0.00	0.01	3.465	O				2.92
140.500	0.00	0.01	3.465	O				2.92
140.583	0.00	0.01	3.465	O				2.92
140.667	0.00	0.01	3.465	O				2.92
140.750	0.00	0.01	3.465	O				2.92
140.833	0.00	0.01	3.465	O				2.92
140.917	0.00	0.01	3.465	O				2.92
141.000	0.00	0.01	3.465	O				2.92
141.083	0.00	0.01	3.465	O				2.92
141.167	0.00	0.01	3.464	O				2.92
141.250	0.00	0.01	3.464	O				2.92
141.333	0.00	0.01	3.464	O				2.92
141.417	0.00	0.01	3.464	O				2.92
141.500	0.00	0.01	3.464	O				2.92
141.583	0.00	0.01	3.464	O				2.92
141.667	0.00	0.01	3.464	O				2.92
141.750	0.00	0.01	3.464	O				2.92
141.833	0.00	0.01	3.464	O				2.92
141.917	0.00	0.01	3.464	O				2.92
142.000	0.00	0.01	3.464	O				2.92
142.083	0.00	0.01	3.464	O				2.92
142.167	0.00	0.01	3.464	O				2.92
142.250	0.00	0.01	3.464	O				2.92
142.333	0.00	0.01	3.463	O				2.92
142.417	0.00	0.01	3.463	O				2.92
142.500	0.00	0.01	3.463	O				2.92
142.583	0.00	0.01	3.463	O				2.92
142.667	0.00	0.01	3.463	O				2.92
142.750	0.00	0.01	3.463	O				2.92
142.833	0.00	0.01	3.463	O				2.92
142.917	0.00	0.01	3.463	O				2.92
143.000	0.00	0.01	3.463	O				2.92
143.083	0.00	0.01	3.463	O				2.92
143.167	0.00	0.01	3.463	O				2.92
143.250	0.00	0.01	3.463	O				2.92
143.333	0.00	0.01	3.463	O				2.92
143.417	0.00	0.01	3.463	O				2.92
143.500	0.00	0.01	3.463	O				2.92
143.583	0.00	0.01	3.462	O				2.92
143.667	0.00	0.01	3.462	O				2.92
143.750	0.00	0.01	3.462	O				2.92
143.833	0.00	0.01	3.462	O				2.92

143.917	0.00	0.01	3.462	O	|	|	|	2.92
144.000	0.00	0.01	3.462	O	|	|	|	2.92
144.083	0.00	0.01	3.462	O	|	|	|	2.92
144.167	0.00	0.01	3.462	O	|	|	|	2.92
144.250	0.00	0.01	3.462	O	|	|	|	2.92
144.333	0.00	0.01	3.462	O	|	|	|	2.92
144.417	0.00	0.01	3.462	O	|	|	|	2.92
144.500	0.00	0.01	3.462	O	|	|	|	2.92
144.583	0.00	0.01	3.462	O	|	|	|	2.92
144.667	0.00	0.01	3.462	O	|	|	|	2.92
144.750	0.00	0.01	3.461	O	|	|	|	2.92
144.833	0.00	0.01	3.461	O	|	|	|	2.92
144.917	0.00	0.01	3.461	O	|	|	|	2.92
145.000	0.00	0.01	3.461	O	|	|	|	2.92
145.083	0.00	0.01	3.461	O	|	|	|	2.92
145.167	0.00	0.01	3.461	O	|	|	|	2.92
145.250	0.00	0.01	3.461	O	|	|	|	2.92
145.333	0.00	0.01	3.461	O	|	|	|	2.92
145.417	0.00	0.01	3.461	O	|	|	|	2.92
145.500	0.00	0.01	3.461	O	|	|	|	2.92
145.583	0.00	0.01	3.461	O	|	|	|	2.92
145.667	0.00	0.01	3.461	O	|	|	|	2.92
145.750	0.00	0.01	3.461	O	|	|	|	2.92
145.833	0.00	0.01	3.461	O	|	|	|	2.92
145.917	0.00	0.01	3.461	O	|	|	|	2.92
146.000	0.00	0.01	3.460	O	|	|	|	2.92
146.083	0.00	0.01	3.460	O	|	|	|	2.92
146.167	0.00	0.01	3.460	O	|	|	|	2.92
146.250	0.00	0.01	3.460	O	|	|	|	2.92
146.333	0.00	0.01	3.460	O	|	|	|	2.92
146.417	0.00	0.01	3.460	O	|	|	|	2.92
146.500	0.00	0.01	3.460	O	|	|	|	2.92
146.583	0.00	0.01	3.460	O	|	|	|	2.92
146.667	0.00	0.01	3.460	O	|	|	|	2.92
146.750	0.00	0.01	3.460	O	|	|	|	2.92
146.833	0.00	0.01	3.460	O	|	|	|	2.92
146.917	0.00	0.01	3.460	O	|	|	|	2.92
147.000	0.00	0.01	3.460	O	|	|	|	2.92
147.083	0.00	0.01	3.460	O	|	|	|	2.92
147.167	0.00	0.01	3.459	O	|	|	|	2.92
147.250	0.00	0.01	3.459	O	|	|	|	2.92
147.333	0.00	0.01	3.459	O	|	|	|	2.92
147.417	0.00	0.01	3.459	O	|	|	|	2.92
147.500	0.00	0.01	3.459	O	|	|	|	2.92
147.583	0.00	0.01	3.459	O	|	|	|	2.92
147.667	0.00	0.01	3.459	O	|	|	|	2.92
147.750	0.00	0.01	3.459	O	|	|	|	2.92
147.833	0.00	0.01	3.459	O	|	|	|	2.92
147.917	0.00	0.01	3.459	O	|	|	|	2.92
148.000	0.00	0.01	3.459	O	|	|	|	2.92

148.083	0.00	0.01	3.459	O				2.92
148.167	0.00	0.01	3.459	O				2.92
148.250	0.00	0.01	3.459	O				2.92
148.333	0.00	0.01	3.459	O				2.92
148.417	0.00	0.01	3.458	O				2.92
148.500	0.00	0.01	3.458	O				2.92
148.583	0.00	0.01	3.458	O				2.92
148.667	0.00	0.01	3.458	O				2.92
148.750	0.00	0.01	3.458	O				2.92
148.833	0.00	0.01	3.458	O				2.92
148.917	0.00	0.01	3.458	O				2.92
149.000	0.00	0.01	3.458	O				2.91
149.083	0.00	0.01	3.458	O				2.91
149.167	0.00	0.01	3.458	O				2.91
149.250	0.00	0.01	3.458	O				2.91
149.333	0.00	0.01	3.458	O				2.91
149.417	0.00	0.01	3.458	O				2.91
149.500	0.00	0.01	3.458	O				2.91
149.583	0.00	0.01	3.457	O				2.91
149.667	0.00	0.01	3.457	O				2.91
149.750	0.00	0.01	3.457	O				2.91
149.833	0.00	0.01	3.457	O				2.91
149.917	0.00	0.01	3.457	O				2.91
150.000	0.00	0.01	3.457	O				2.91
150.083	0.00	0.01	3.457	O				2.91
150.167	0.00	0.01	3.457	O				2.91
150.250	0.00	0.01	3.457	O				2.91
150.333	0.00	0.01	3.457	O				2.91
150.417	0.00	0.01	3.457	O				2.91
150.500	0.00	0.01	3.457	O				2.91
150.583	0.00	0.01	3.457	O				2.91
150.667	0.00	0.01	3.457	O				2.91
150.750	0.00	0.01	3.457	O				2.91
150.833	0.00	0.01	3.456	O				2.91
150.917	0.00	0.01	3.456	O				2.91
151.000	0.00	0.01	3.456	O				2.91
151.083	0.00	0.01	3.456	O				2.91
151.167	0.00	0.01	3.456	O				2.91
151.250	0.00	0.01	3.456	O				2.91
151.333	0.00	0.01	3.456	O				2.91
151.417	0.00	0.01	3.456	O				2.91
151.500	0.00	0.01	3.456	O				2.91
151.583	0.00	0.01	3.456	O				2.91
151.667	0.00	0.01	3.456	O				2.91
151.750	0.00	0.01	3.456	O				2.91
151.833	0.00	0.01	3.456	O				2.91
151.917	0.00	0.01	3.456	O				2.91
152.000	0.00	0.01	3.455	O				2.91
152.083	0.00	0.01	3.455	O				2.91
152.167	0.00	0.01	3.455	O				2.91

152.250	0.00	0.01	3.455	O				2.91
152.333	0.00	0.01	3.455	O				2.91
152.417	0.00	0.01	3.455	O				2.91
152.500	0.00	0.01	3.455	O				2.91
152.583	0.00	0.01	3.455	O				2.91
152.667	0.00	0.01	3.455	O				2.91
152.750	0.00	0.01	3.455	O				2.91
152.833	0.00	0.01	3.455	O				2.91
152.917	0.00	0.01	3.455	O				2.91
153.000	0.00	0.01	3.455	O				2.91
153.083	0.00	0.01	3.455	O				2.91
153.167	0.00	0.01	3.455	O				2.91
153.250	0.00	0.01	3.454	O				2.91
153.333	0.00	0.01	3.454	O				2.91
153.417	0.00	0.01	3.454	O				2.91
153.500	0.00	0.01	3.454	O				2.91
153.583	0.00	0.01	3.454	O				2.91
153.667	0.00	0.01	3.454	O				2.91
153.750	0.00	0.01	3.454	O				2.91
153.833	0.00	0.01	3.454	O				2.91
153.917	0.00	0.01	3.454	O				2.91
154.000	0.00	0.01	3.454	O				2.91
154.083	0.00	0.01	3.454	O				2.91
154.167	0.00	0.01	3.454	O				2.91
154.250	0.00	0.01	3.454	O				2.91
154.333	0.00	0.01	3.454	O				2.91
154.417	0.00	0.01	3.453	O				2.91
154.500	0.00	0.01	3.453	O				2.91
154.583	0.00	0.01	3.453	O				2.91
154.667	0.00	0.01	3.453	O				2.91
154.750	0.00	0.01	3.453	O				2.91
154.833	0.00	0.01	3.453	O				2.91
154.917	0.00	0.01	3.453	O				2.91
155.000	0.00	0.01	3.453	O				2.91
155.083	0.00	0.01	3.453	O				2.91
155.167	0.00	0.01	3.453	O				2.91
155.250	0.00	0.01	3.453	O				2.91
155.333	0.00	0.01	3.453	O				2.91
155.417	0.00	0.01	3.453	O				2.91
155.500	0.00	0.01	3.453	O				2.91
155.583	0.00	0.01	3.453	O				2.91
155.667	0.00	0.01	3.452	O				2.91
155.750	0.00	0.01	3.452	O				2.91
155.833	0.00	0.01	3.452	O				2.91
155.917	0.00	0.01	3.452	O				2.91
156.000	0.00	0.01	3.452	O				2.91
156.083	0.00	0.01	3.452	O				2.91
156.167	0.00	0.01	3.452	O				2.91
156.250	0.00	0.01	3.452	O				2.91
156.333	0.00	0.01	3.452	O				2.91

156.417	0.00	0.01	3.452	O	|	|	|	2.91
156.500	0.00	0.01	3.452	O	|	|	|	2.91
156.583	0.00	0.01	3.452	O	|	|	|	2.91
156.667	0.00	0.01	3.452	O	|	|	|	2.91
156.750	0.00	0.01	3.452	O	|	|	|	2.91
156.833	0.00	0.01	3.451	O	|	|	|	2.91
156.917	0.00	0.01	3.451	O	|	|	|	2.91
157.000	0.00	0.01	3.451	O	|	|	|	2.91
157.083	0.00	0.01	3.451	O	|	|	|	2.91
157.167	0.00	0.01	3.451	O	|	|	|	2.91
157.250	0.00	0.01	3.451	O	|	|	|	2.91
157.333	0.00	0.01	3.451	O	|	|	|	2.91
157.417	0.00	0.01	3.451	O	|	|	|	2.91
157.500	0.00	0.01	3.451	O	|	|	|	2.91
157.583	0.00	0.01	3.451	O	|	|	|	2.91
157.667	0.00	0.01	3.451	O	|	|	|	2.91
157.750	0.00	0.01	3.451	O	|	|	|	2.91
157.833	0.00	0.01	3.451	O	|	|	|	2.91
157.917	0.00	0.01	3.451	O	|	|	|	2.91
158.000	0.00	0.01	3.451	O	|	|	|	2.91
158.083	0.00	0.01	3.450	O	|	|	|	2.91
158.167	0.00	0.01	3.450	O	|	|	|	2.91
158.250	0.00	0.01	3.450	O	|	|	|	2.91
158.333	0.00	0.01	3.450	O	|	|	|	2.91
158.417	0.00	0.01	3.450	O	|	|	|	2.91
158.500	0.00	0.01	3.450	O	|	|	|	2.91
158.583	0.00	0.01	3.450	O	|	|	|	2.91
158.667	0.00	0.01	3.450	O	|	|	|	2.91
158.750	0.00	0.01	3.450	O	|	|	|	2.91
158.833	0.00	0.01	3.450	O	|	|	|	2.91
158.917	0.00	0.01	3.450	O	|	|	|	2.91
159.000	0.00	0.01	3.450	O	|	|	|	2.91
159.083	0.00	0.01	3.450	O	|	|	|	2.91
159.167	0.00	0.01	3.450	O	|	|	|	2.91
159.250	0.00	0.01	3.449	O	|	|	|	2.91
159.333	0.00	0.01	3.449	O	|	|	|	2.91
159.417	0.00	0.01	3.449	O	|	|	|	2.91
159.500	0.00	0.01	3.449	O	|	|	|	2.91
159.583	0.00	0.01	3.449	O	|	|	|	2.91
159.667	0.00	0.01	3.449	O	|	|	|	2.91
159.750	0.00	0.01	3.449	O	|	|	|	2.91
159.833	0.00	0.01	3.449	O	|	|	|	2.91
159.917	0.00	0.01	3.449	O	|	|	|	2.91
160.000	0.00	0.01	3.449	O	|	|	|	2.91
160.083	0.00	0.01	3.449	O	|	|	|	2.91
160.167	0.00	0.01	3.449	O	|	|	|	2.91
160.250	0.00	0.01	3.449	O	|	|	|	2.91
160.333	0.00	0.01	3.449	O	|	|	|	2.91
160.417	0.00	0.01	3.449	O	|	|	|	2.91
160.500	0.00	0.01	3.448	O	|	|	|	2.91

160.583	0.00	0.01	3.448	O				2.91
160.667	0.00	0.01	3.448	O				2.91
160.750	0.00	0.01	3.448	O				2.91
160.833	0.00	0.01	3.448	O				2.91
160.917	0.00	0.01	3.448	O				2.91
161.000	0.00	0.01	3.448	O				2.91
161.083	0.00	0.01	3.448	O				2.91
161.167	0.00	0.01	3.448	O				2.91
161.250	0.00	0.01	3.448	O				2.91
161.333	0.00	0.01	3.448	O				2.91
161.417	0.00	0.01	3.448	O				2.91
161.500	0.00	0.01	3.448	O				2.91
161.583	0.00	0.01	3.448	O				2.91
161.667	0.00	0.01	3.447	O				2.91
161.750	0.00	0.01	3.447	O				2.91
161.833	0.00	0.01	3.447	O				2.91
161.917	0.00	0.01	3.447	O				2.91
162.000	0.00	0.01	3.447	O				2.91
162.083	0.00	0.01	3.447	O				2.91
162.167	0.00	0.01	3.447	O				2.91
162.250	0.00	0.01	3.447	O				2.91
162.333	0.00	0.01	3.447	O				2.91
162.417	0.00	0.01	3.447	O				2.91
162.500	0.00	0.01	3.447	O				2.91
162.583	0.00	0.01	3.447	O				2.91
162.667	0.00	0.01	3.447	O				2.91
162.750	0.00	0.01	3.447	O				2.91
162.833	0.00	0.01	3.447	O				2.91
162.917	0.00	0.01	3.446	O				2.91
163.000	0.00	0.01	3.446	O				2.91
163.083	0.00	0.01	3.446	O				2.91
163.167	0.00	0.01	3.446	O				2.91
163.250	0.00	0.01	3.446	O				2.91
163.333	0.00	0.01	3.446	O				2.91
163.417	0.00	0.01	3.446	O				2.91
163.500	0.00	0.01	3.446	O				2.90
163.583	0.00	0.01	3.446	O				2.90
163.667	0.00	0.01	3.446	O				2.90
163.750	0.00	0.01	3.446	O				2.90
163.833	0.00	0.01	3.446	O				2.90
163.917	0.00	0.01	3.446	O				2.90
164.000	0.00	0.01	3.446	O				2.90
164.083	0.00	0.01	3.445	O				2.90
164.167	0.00	0.01	3.445	O				2.90
164.250	0.00	0.01	3.445	O				2.90
164.333	0.00	0.01	3.445	O				2.90
164.417	0.00	0.01	3.445	O				2.90
164.500	0.00	0.01	3.445	O				2.90
164.583	0.00	0.01	3.445	O				2.90
164.667	0.00	0.01	3.445	O				2.90

164.750	0.00	0.01	3.445	O				2.90
164.833	0.00	0.01	3.445	O				2.90
164.917	0.00	0.01	3.445	O				2.90
165.000	0.00	0.01	3.445	O				2.90
165.083	0.00	0.01	3.445	O				2.90
165.167	0.00	0.01	3.445	O				2.90
165.250	0.00	0.01	3.445	O				2.90
165.333	0.00	0.01	3.444	O				2.90
165.417	0.00	0.01	3.444	O				2.90
165.500	0.00	0.01	3.444	O				2.90
165.583	0.00	0.01	3.444	O				2.90
165.667	0.00	0.01	3.444	O				2.90
165.750	0.00	0.01	3.444	O				2.90
165.833	0.00	0.01	3.444	O				2.90
165.917	0.00	0.01	3.444	O				2.90
166.000	0.00	0.01	3.444	O				2.90
166.083	0.00	0.01	3.444	O				2.90
166.167	0.00	0.01	3.444	O				2.90
166.250	0.00	0.01	3.444	O				2.90
166.333	0.00	0.01	3.444	O				2.90
166.417	0.00	0.01	3.444	O				2.90
166.500	0.00	0.01	3.443	O				2.90
166.583	0.00	0.01	3.443	O				2.90
166.667	0.00	0.01	3.443	O				2.90
166.750	0.00	0.01	3.443	O				2.90
166.833	0.00	0.01	3.443	O				2.90
166.917	0.00	0.01	3.443	O				2.90
167.000	0.00	0.01	3.443	O				2.90
167.083	0.00	0.01	3.443	O				2.90
167.167	0.00	0.01	3.443	O				2.90
167.250	0.00	0.01	3.443	O				2.90
167.333	0.00	0.01	3.443	O				2.90
167.417	0.00	0.01	3.443	O				2.90
167.500	0.00	0.01	3.443	O				2.90
167.583	0.00	0.01	3.443	O				2.90
167.667	0.00	0.01	3.443	O				2.90
167.750	0.00	0.01	3.442	O				2.90
167.833	0.00	0.01	3.442	O				2.90
167.917	0.00	0.01	3.442	O				2.90
168.000	0.00	0.01	3.442	O				2.90
168.083	0.00	0.01	3.442	O				2.90
168.167	0.00	0.01	3.442	O				2.90
168.250	0.00	0.01	3.442	O				2.90
168.333	0.00	0.01	3.442	O				2.90
168.417	0.00	0.01	3.442	O				2.90
168.500	0.00	0.01	3.442	O				2.90
168.583	0.00	0.01	3.442	O				2.90
168.667	0.00	0.01	3.442	O				2.90
168.750	0.00	0.01	3.442	O				2.90
168.833	0.00	0.01	3.442	O				2.90

168.917	0.00	0.01	3.441	O					2.90
169.000	0.00	0.01	3.441	O					2.90
169.083	0.00	0.01	3.441	O					2.90
169.167	0.00	0.01	3.441	O					2.90
169.250	0.00	0.01	3.441	O					2.90
169.333	0.00	0.01	3.441	O					2.90
169.417	0.00	0.01	3.441	O					2.90
169.500	0.00	0.01	3.441	O					2.90
169.583	0.00	0.01	3.441	O					2.90
169.667	0.00	0.01	3.441	O					2.90
169.750	0.00	0.01	3.441	O					2.90
169.833	0.00	0.01	3.441	O					2.90
169.917	0.00	0.01	3.441	O					2.90
170.000	0.00	0.01	3.441	O					2.90
170.083	0.00	0.01	3.441	O					2.90
170.167	0.00	0.01	3.440	O					2.90
170.250	0.00	0.01	3.440	O					2.90
170.333	0.00	0.01	3.440	O					2.90
170.417	0.00	0.01	3.440	O					2.90
170.500	0.00	0.01	3.440	O					2.90
170.583	0.00	0.01	3.440	O					2.90
170.667	0.00	0.01	3.440	O					2.90
170.750	0.00	0.01	3.440	O					2.90
170.833	0.00	0.01	3.440	O					2.90
170.917	0.00	0.01	3.440	O					2.90
171.000	0.00	0.01	3.440	O					2.90
171.083	0.00	0.01	3.440	O					2.90
171.167	0.00	0.01	3.440	O					2.90
171.250	0.00	0.01	3.440	O					2.90
171.333	0.00	0.01	3.440	O					2.90
171.417	0.00	0.01	3.439	O					2.90
171.500	0.00	0.01	3.439	O					2.90
171.583	0.00	0.01	3.439	O					2.90
171.667	0.00	0.01	3.439	O					2.90
171.750	0.00	0.01	3.439	O					2.90
171.833	0.00	0.01	3.439	O					2.90
171.917	0.00	0.01	3.439	O					2.90
172.000	0.00	0.01	3.439	O					2.90
172.083	0.00	0.01	3.439	O					2.90
172.167	0.00	0.01	3.439	O					2.90
172.250	0.00	0.01	3.439	O					2.90
172.333	0.00	0.01	3.439	O					2.90
172.417	0.00	0.01	3.439	O					2.90
172.500	0.00	0.01	3.439	O					2.90
172.583	0.00	0.01	3.438	O					2.90
172.667	0.00	0.01	3.438	O					2.90
172.750	0.00	0.01	3.438	O					2.90
172.833	0.00	0.01	3.438	O					2.90
172.917	0.00	0.01	3.438	O					2.90
173.000	0.00	0.01	3.438	O					2.90

173.083	0.00	0.01	3.438	O				2.90
173.167	0.00	0.01	3.438	O				2.90
173.250	0.00	0.01	3.438	O				2.90
173.333	0.00	0.01	3.438	O				2.90
173.417	0.00	0.01	3.438	O				2.90
173.500	0.00	0.01	3.438	O				2.90
173.583	0.00	0.01	3.438	O				2.90
173.667	0.00	0.01	3.438	O				2.90
173.750	0.00	0.01	3.438	O				2.90
173.833	0.00	0.01	3.437	O				2.90
173.917	0.00	0.01	3.437	O				2.90
174.000	0.00	0.01	3.437	O				2.90
174.083	0.00	0.01	3.437	O				2.90
174.167	0.00	0.01	3.437	O				2.90
174.250	0.00	0.01	3.437	O				2.90
174.333	0.00	0.01	3.437	O				2.90
174.417	0.00	0.01	3.437	O				2.90
174.500	0.00	0.01	3.437	O				2.90
174.583	0.00	0.01	3.437	O				2.90
174.667	0.00	0.01	3.437	O				2.90
174.750	0.00	0.01	3.437	O				2.90
174.833	0.00	0.01	3.437	O				2.90
174.917	0.00	0.01	3.437	O				2.90
175.000	0.00	0.01	3.436	O				2.90
175.083	0.00	0.01	3.436	O				2.90
175.167	0.00	0.01	3.436	O				2.90
175.250	0.00	0.01	3.436	O				2.90
175.333	0.00	0.01	3.436	O				2.90
175.417	0.00	0.01	3.436	O				2.90
175.500	0.00	0.01	3.436	O				2.90
175.583	0.00	0.01	3.436	O				2.90
175.667	0.00	0.01	3.436	O				2.90
175.750	0.00	0.01	3.436	O				2.90
175.833	0.00	0.01	3.436	O				2.90
175.917	0.00	0.01	3.436	O				2.90
176.000	0.00	0.01	3.436	O				2.90
176.083	0.00	0.01	3.436	O				2.90
176.167	0.00	0.01	3.436	O				2.90
176.250	0.00	0.01	3.435	O				2.90
176.333	0.00	0.01	3.435	O				2.90
176.417	0.00	0.01	3.435	O				2.90
176.500	0.00	0.01	3.435	O				2.90
176.583	0.00	0.01	3.435	O				2.90
176.667	0.00	0.01	3.435	O				2.90
176.750	0.00	0.01	3.435	O				2.90
176.833	0.00	0.01	3.435	O				2.90
176.917	0.00	0.01	3.435	O				2.90
177.000	0.00	0.01	3.435	O				2.90
177.083	0.00	0.01	3.435	O				2.90
177.167	0.00	0.01	3.435	O				2.90

177.250	0.00	0.01	3.435	O				2.90
177.333	0.00	0.01	3.435	O				2.90
177.417	0.00	0.01	3.434	O				2.90
177.500	0.00	0.01	3.434	O				2.90
177.583	0.00	0.01	3.434	O				2.90
177.667	0.00	0.01	3.434	O				2.90
177.750	0.00	0.01	3.434	O				2.90
177.833	0.00	0.01	3.434	O				2.90
177.917	0.00	0.01	3.434	O				2.90
178.000	0.00	0.01	3.434	O				2.89
178.083	0.00	0.01	3.434	O				2.89
178.167	0.00	0.01	3.434	O				2.89
178.250	0.00	0.01	3.434	O				2.89
178.333	0.00	0.01	3.434	O				2.89
178.417	0.00	0.01	3.434	O				2.89
178.500	0.00	0.01	3.434	O				2.89
178.583	0.00	0.01	3.434	O				2.89
178.667	0.00	0.01	3.433	O				2.89
178.750	0.00	0.01	3.433	O				2.89
178.833	0.00	0.01	3.433	O				2.89
178.917	0.00	0.01	3.433	O				2.89
179.000	0.00	0.01	3.433	O				2.89
179.083	0.00	0.01	3.433	O				2.89
179.167	0.00	0.01	3.433	O				2.89
179.250	0.00	0.01	3.433	O				2.89
179.333	0.00	0.01	3.433	O				2.89
179.417	0.00	0.01	3.433	O				2.89
179.500	0.00	0.01	3.433	O				2.89
179.583	0.00	0.01	3.433	O				2.89
179.667	0.00	0.01	3.433	O				2.89
179.750	0.00	0.01	3.433	O				2.89
179.833	0.00	0.01	3.432	O				2.89
179.917	0.00	0.01	3.432	O				2.89
180.000	0.00	0.01	3.432	O				2.89
180.083	0.00	0.01	3.432	O				2.89
180.167	0.00	0.01	3.432	O				2.89
180.250	0.00	0.01	3.432	O				2.89
180.333	0.00	0.01	3.432	O				2.89
180.417	0.00	0.01	3.432	O				2.89
180.500	0.00	0.01	3.432	O				2.89
180.583	0.00	0.01	3.432	O				2.89
180.667	0.00	0.01	3.432	O				2.89
180.750	0.00	0.01	3.432	O				2.89
180.833	0.00	0.01	3.432	O				2.89
180.917	0.00	0.01	3.432	O				2.89
181.000	0.00	0.01	3.432	O				2.89
181.083	0.00	0.01	3.431	O				2.89
181.167	0.00	0.01	3.431	O				2.89
181.250	0.00	0.01	3.431	O				2.89
181.333	0.00	0.01	3.431	O				2.89

181.417	0.00	0.01	3.431	O					2.89
181.500	0.00	0.01	3.431	O					2.89
181.583	0.00	0.01	3.431	O					2.89
181.667	0.00	0.01	3.431	O					2.89
181.750	0.00	0.01	3.431	O					2.89
181.833	0.00	0.01	3.431	O					2.89
181.917	0.00	0.01	3.431	O					2.89
182.000	0.00	0.01	3.431	O					2.89
182.083	0.00	0.01	3.431	O					2.89
182.167	0.00	0.01	3.431	O					2.89
182.250	0.00	0.01	3.430	O					2.89
182.333	0.00	0.01	3.430	O					2.89
182.417	0.00	0.01	3.430	O					2.89
182.500	0.00	0.01	3.430	O					2.89
182.583	0.00	0.01	3.430	O					2.89
182.667	0.00	0.01	3.430	O					2.89
182.750	0.00	0.01	3.430	O					2.89
182.833	0.00	0.01	3.430	O					2.89
182.917	0.00	0.01	3.430	O					2.89
183.000	0.00	0.01	3.430	O					2.89
183.083	0.00	0.01	3.430	O					2.89
183.167	0.00	0.01	3.430	O					2.89
183.250	0.00	0.01	3.430	O					2.89
183.333	0.00	0.01	3.430	O					2.89
183.417	0.00	0.01	3.430	O					2.89
183.500	0.00	0.01	3.429	O					2.89
183.583	0.00	0.01	3.429	O					2.89
183.667	0.00	0.01	3.429	O					2.89
183.750	0.00	0.01	3.429	O					2.89
183.833	0.00	0.01	3.429	O					2.89
183.917	0.00	0.01	3.429	O					2.89
184.000	0.00	0.01	3.429	O					2.89
184.083	0.00	0.01	3.429	O					2.89
184.167	0.00	0.01	3.429	O					2.89
184.250	0.00	0.01	3.429	O					2.89
184.333	0.00	0.01	3.429	O					2.89
184.417	0.00	0.01	3.429	O					2.89
184.500	0.00	0.01	3.429	O					2.89
184.583	0.00	0.01	3.429	O					2.89
184.667	0.00	0.01	3.428	O					2.89
184.750	0.00	0.01	3.428	O					2.89
184.833	0.00	0.01	3.428	O					2.89
184.917	0.00	0.01	3.428	O					2.89
185.000	0.00	0.01	3.428	O					2.89
185.083	0.00	0.01	3.428	O					2.89
185.167	0.00	0.01	3.428	O					2.89
185.250	0.00	0.01	3.428	O					2.89
185.333	0.00	0.01	3.428	O					2.89
185.417	0.00	0.01	3.428	O					2.89
185.500	0.00	0.01	3.428	O					2.89

185.583	0.00	0.01	3.428	O					2.89
185.667	0.00	0.01	3.428	O					2.89
185.750	0.00	0.01	3.428	O					2.89
185.833	0.00	0.01	3.428	O					2.89
185.917	0.00	0.01	3.427	O					2.89
186.000	0.00	0.01	3.427	O					2.89
186.083	0.00	0.01	3.427	O					2.89
186.167	0.00	0.01	3.427	O					2.89
186.250	0.00	0.01	3.427	O					2.89
186.333	0.00	0.01	3.427	O					2.89
186.417	0.00	0.01	3.427	O					2.89
186.500	0.00	0.01	3.427	O					2.89
186.583	0.00	0.01	3.427	O					2.89
186.667	0.00	0.01	3.427	O					2.89
186.750	0.00	0.01	3.427	O					2.89
186.833	0.00	0.01	3.427	O					2.89
186.917	0.00	0.01	3.427	O					2.89
187.000	0.00	0.01	3.427	O					2.89
187.083	0.00	0.01	3.426	O					2.89
187.167	0.00	0.01	3.426	O					2.89
187.250	0.00	0.01	3.426	O					2.89
187.333	0.00	0.01	3.426	O					2.89
187.417	0.00	0.01	3.426	O					2.89
187.500	0.00	0.01	3.426	O					2.89
187.583	0.00	0.01	3.426	O					2.89
187.667	0.00	0.01	3.426	O					2.89
187.750	0.00	0.01	3.426	O					2.89
187.833	0.00	0.01	3.426	O					2.89
187.917	0.00	0.01	3.426	O					2.89
188.000	0.00	0.01	3.426	O					2.89
188.083	0.00	0.01	3.426	O					2.89
188.167	0.00	0.01	3.426	O					2.89
188.250	0.00	0.01	3.426	O					2.89
188.333	0.00	0.01	3.425	O					2.89
188.417	0.00	0.01	3.425	O					2.89
188.500	0.00	0.01	3.425	O					2.89
188.583	0.00	0.01	3.425	O					2.89
188.667	0.00	0.01	3.425	O					2.89
188.750	0.00	0.01	3.425	O					2.89
188.833	0.00	0.01	3.425	O					2.89
188.917	0.00	0.01	3.425	O					2.89
189.000	0.00	0.01	3.425	O					2.89
189.083	0.00	0.01	3.425	O					2.89
189.167	0.00	0.01	3.425	O					2.89
189.250	0.00	0.01	3.425	O					2.89
189.333	0.00	0.01	3.425	O					2.89
189.417	0.00	0.01	3.425	O					2.89
189.500	0.00	0.01	3.424	O					2.89
189.583	0.00	0.01	3.424	O					2.89
189.667	0.00	0.01	3.424	O					2.89

189.750	0.00	0.01	3.424	O				2.89
189.833	0.00	0.01	3.424	O				2.89
189.917	0.00	0.01	3.424	O				2.89
190.000	0.00	0.01	3.424	O				2.89
190.083	0.00	0.01	3.424	O				2.89
190.167	0.00	0.01	3.424	O				2.89
190.250	0.00	0.01	3.424	O				2.89
190.333	0.00	0.01	3.424	O				2.89
190.417	0.00	0.01	3.424	O				2.89
190.500	0.00	0.01	3.424	O				2.89
190.583	0.00	0.01	3.424	O				2.89
190.667	0.00	0.01	3.424	O				2.89
190.750	0.00	0.01	3.423	O				2.89
190.833	0.00	0.01	3.423	O				2.89
190.917	0.00	0.01	3.423	O				2.89
191.000	0.00	0.01	3.423	O				2.89
191.083	0.00	0.01	3.423	O				2.89
191.167	0.00	0.01	3.423	O				2.89
191.250	0.00	0.01	3.423	O				2.89
191.333	0.00	0.01	3.423	O				2.89
191.417	0.00	0.01	3.423	O				2.89
191.500	0.00	0.01	3.423	O				2.89
191.583	0.00	0.01	3.423	O				2.89
191.667	0.00	0.01	3.423	O				2.89
191.750	0.00	0.01	3.423	O				2.89
191.833	0.00	0.01	3.423	O				2.89
191.917	0.00	0.01	3.422	O				2.89
192.000	0.00	0.01	3.422	O				2.89
192.083	0.00	0.01	3.422	O				2.89
192.167	0.00	0.01	3.422	O				2.89
192.250	0.00	0.01	3.422	O				2.89
192.333	0.00	0.01	3.422	O				2.89
192.417	0.00	0.01	3.422	O				2.89
192.500	0.00	0.01	3.422	O				2.89
192.583	0.00	0.01	3.422	O				2.88
192.667	0.00	0.01	3.422	O				2.88
192.750	0.00	0.01	3.422	O				2.88
192.833	0.00	0.01	3.422	O				2.88
192.917	0.00	0.01	3.422	O				2.88
193.000	0.00	0.01	3.422	O				2.88
193.083	0.00	0.01	3.422	O				2.88
193.167	0.00	0.01	3.421	O				2.88
193.250	0.00	0.01	3.421	O				2.88
193.333	0.00	0.01	3.421	O				2.88
193.417	0.00	0.01	3.421	O				2.88
193.500	0.00	0.01	3.421	O				2.88
193.583	0.00	0.01	3.421	O				2.88
193.667	0.00	0.01	3.421	O				2.88
193.750	0.00	0.01	3.421	O				2.88
193.833	0.00	0.01	3.421	O				2.88

193.917	0.00	0.01	3.421	O					2.88
194.000	0.00	0.01	3.421	O					2.88
194.083	0.00	0.01	3.421	O					2.88
194.167	0.00	0.01	3.421	O					2.88
194.250	0.00	0.01	3.421	O					2.88
194.333	0.00	0.01	3.420	O					2.88
194.417	0.00	0.01	3.420	O					2.88
194.500	0.00	0.01	3.420	O					2.88
194.583	0.00	0.01	3.420	O					2.88
194.667	0.00	0.01	3.420	O					2.88
194.750	0.00	0.01	3.420	O					2.88
194.833	0.00	0.01	3.420	O					2.88
194.917	0.00	0.01	3.420	O					2.88
195.000	0.00	0.01	3.420	O					2.88
195.083	0.00	0.01	3.420	O					2.88
195.167	0.00	0.01	3.420	O					2.88
195.250	0.00	0.01	3.420	O					2.88
195.333	0.00	0.01	3.420	O					2.88
195.417	0.00	0.01	3.420	O					2.88
195.500	0.00	0.01	3.420	O					2.88
195.583	0.00	0.01	3.419	O					2.88
195.667	0.00	0.01	3.419	O					2.88
195.750	0.00	0.01	3.419	O					2.88
195.833	0.00	0.01	3.419	O					2.88
195.917	0.00	0.01	3.419	O					2.88
196.000	0.00	0.01	3.419	O					2.88
196.083	0.00	0.01	3.419	O					2.88
196.167	0.00	0.01	3.419	O					2.88
196.250	0.00	0.01	3.419	O					2.88
196.333	0.00	0.01	3.419	O					2.88
196.417	0.00	0.01	3.419	O					2.88
196.500	0.00	0.01	3.419	O					2.88
196.583	0.00	0.01	3.419	O					2.88
196.667	0.00	0.01	3.419	O					2.88
196.750	0.00	0.01	3.418	O					2.88
196.833	0.00	0.01	3.418	O					2.88
196.917	0.00	0.01	3.418	O					2.88
197.000	0.00	0.01	3.418	O					2.88
197.083	0.00	0.01	3.418	O					2.88
197.167	0.00	0.01	3.418	O					2.88
197.250	0.00	0.01	3.418	O					2.88
197.333	0.00	0.01	3.418	O					2.88
197.417	0.00	0.01	3.418	O					2.88
197.500	0.00	0.01	3.418	O					2.88
197.583	0.00	0.01	3.418	O					2.88
197.667	0.00	0.01	3.418	O					2.88
197.750	0.00	0.01	3.418	O					2.88
197.833	0.00	0.01	3.418	O					2.88
197.917	0.00	0.01	3.418	O					2.88
198.000	0.00	0.01	3.417	O					2.88

198.083	0.00	0.01	3.417	O				2.88
198.167	0.00	0.01	3.417	O				2.88
198.250	0.00	0.01	3.417	O				2.88
198.333	0.00	0.01	3.417	O				2.88
198.417	0.00	0.01	3.417	O				2.88
198.500	0.00	0.01	3.417	O				2.88
198.583	0.00	0.01	3.417	O				2.88
198.667	0.00	0.01	3.417	O				2.88
198.750	0.00	0.01	3.417	O				2.88
198.833	0.00	0.01	3.417	O				2.88
198.917	0.00	0.01	3.417	O				2.88
199.000	0.00	0.01	3.417	O				2.88
199.083	0.00	0.01	3.417	O				2.88
199.167	0.00	0.01	3.416	O				2.88
199.250	0.00	0.01	3.416	O				2.88
199.333	0.00	0.01	3.416	O				2.88
199.417	0.00	0.01	3.416	O				2.88
199.500	0.00	0.01	3.416	O				2.88
199.583	0.00	0.01	3.416	O				2.88
199.667	0.00	0.01	3.416	O				2.88
199.750	0.00	0.01	3.416	O				2.88
199.833	0.00	0.01	3.416	O				2.88
199.917	0.00	0.01	3.416	O				2.88
200.000	0.00	0.01	3.416	O				2.88
200.083	0.00	0.01	3.416	O				2.88
200.167	0.00	0.01	3.416	O				2.88
200.250	0.00	0.01	3.416	O				2.88
200.333	0.00	0.01	3.416	O				2.88
200.417	0.00	0.01	3.415	O				2.88
200.500	0.00	0.01	3.415	O				2.88
200.583	0.00	0.01	3.415	O				2.88
200.667	0.00	0.01	3.415	O				2.88
200.750	0.00	0.01	3.415	O				2.88
200.833	0.00	0.01	3.415	O				2.88
200.917	0.00	0.01	3.415	O				2.88
201.000	0.00	0.01	3.415	O				2.88
201.083	0.00	0.01	3.415	O				2.88
201.167	0.00	0.01	3.415	O				2.88
201.250	0.00	0.01	3.415	O				2.88
201.333	0.00	0.01	3.415	O				2.88
201.417	0.00	0.01	3.415	O				2.88
201.500	0.00	0.01	3.415	O				2.88
201.583	0.00	0.01	3.415	O				2.88
201.667	0.00	0.01	3.414	O				2.88
201.750	0.00	0.01	3.414	O				2.88
201.833	0.00	0.01	3.414	O				2.88
201.917	0.00	0.01	3.414	O				2.88
202.000	0.00	0.01	3.414	O				2.88
202.083	0.00	0.01	3.414	O				2.88
202.167	0.00	0.01	3.414	O				2.88

202.250	0.00	0.01	3.414	O				2.88
202.333	0.00	0.01	3.414	O				2.88
202.417	0.00	0.01	3.414	O				2.88
202.500	0.00	0.01	3.414	O				2.88
202.583	0.00	0.01	3.414	O				2.88
202.667	0.00	0.01	3.414	O				2.88
202.750	0.00	0.01	3.414	O				2.88
202.833	0.00	0.01	3.413	O				2.88
202.917	0.00	0.01	3.413	O				2.88
203.000	0.00	0.01	3.413	O				2.88
203.083	0.00	0.01	3.413	O				2.88
203.167	0.00	0.01	3.413	O				2.88
203.250	0.00	0.01	3.413	O				2.88
203.333	0.00	0.01	3.413	O				2.88
203.417	0.00	0.01	3.413	O				2.88
203.500	0.00	0.01	3.413	O				2.88
203.583	0.00	0.01	3.413	O				2.88
203.667	0.00	0.01	3.413	O				2.88
203.750	0.00	0.01	3.413	O				2.88
203.833	0.00	0.01	3.413	O				2.88
203.917	0.00	0.01	3.413	O				2.88
204.000	0.00	0.01	3.413	O				2.88
204.083	0.00	0.01	3.412	O				2.88
204.167	0.00	0.01	3.412	O				2.88
204.250	0.00	0.01	3.412	O				2.88
204.333	0.00	0.01	3.412	O				2.88
204.417	0.00	0.01	3.412	O				2.88
204.500	0.00	0.01	3.412	O				2.88
204.583	0.00	0.01	3.412	O				2.88
204.667	0.00	0.01	3.412	O				2.88
204.750	0.00	0.01	3.412	O				2.88
204.833	0.00	0.01	3.412	O				2.88
204.917	0.00	0.01	3.412	O				2.88
205.000	0.00	0.01	3.412	O				2.88
205.083	0.00	0.01	3.412	O				2.88
205.167	0.00	0.01	3.412	O				2.88
205.250	0.00	0.01	3.411	O				2.88
205.333	0.00	0.01	3.411	O				2.88
205.417	0.00	0.01	3.411	O				2.88
205.500	0.00	0.01	3.411	O				2.88
205.583	0.00	0.01	3.411	O				2.88
205.667	0.00	0.01	3.411	O				2.88
205.750	0.00	0.01	3.411	O				2.88
205.833	0.00	0.01	3.411	O				2.88
205.917	0.00	0.01	3.411	O				2.88
206.000	0.00	0.01	3.411	O				2.88
206.083	0.00	0.01	3.411	O				2.88
206.167	0.00	0.01	3.411	O				2.88
206.250	0.00	0.01	3.411	O				2.88
206.333	0.00	0.01	3.411	O				2.88

206.417	0.00	0.01	3.411	O	|	|	|	2.88
206.500	0.00	0.01	3.410	O	|	|	|	2.88
206.583	0.00	0.01	3.410	O	|	|	|	2.88
206.667	0.00	0.01	3.410	O	|	|	|	2.88
206.750	0.00	0.01	3.410	O	|	|	|	2.88
206.833	0.00	0.01	3.410	O	|	|	|	2.88
206.917	0.00	0.01	3.410	O	|	|	|	2.88
207.000	0.00	0.01	3.410	O	|	|	|	2.88
207.083	0.00	0.01	3.410	O	|	|	|	2.87
207.167	0.00	0.01	3.410	O	|	|	|	2.87
207.250	0.00	0.01	3.410	O	|	|	|	2.87
207.333	0.00	0.01	3.410	O	|	|	|	2.87
207.417	0.00	0.01	3.410	O	|	|	|	2.87
207.500	0.00	0.01	3.410	O	|	|	|	2.87
207.583	0.00	0.01	3.410	O	|	|	|	2.87
207.667	0.00	0.01	3.409	O	|	|	|	2.87
207.750	0.00	0.01	3.409	O	|	|	|	2.87
207.833	0.00	0.01	3.409	O	|	|	|	2.87
207.917	0.00	0.01	3.409	O	|	|	|	2.87
208.000	0.00	0.01	3.409	O	|	|	|	2.87
208.083	0.00	0.01	3.409	O	|	|	|	2.87
208.167	0.00	0.01	3.409	O	|	|	|	2.87
208.250	0.00	0.01	3.409	O	|	|	|	2.87
208.333	0.00	0.01	3.409	O	|	|	|	2.87
208.417	0.00	0.01	3.409	O	|	|	|	2.87
208.500	0.00	0.01	3.409	O	|	|	|	2.87
208.583	0.00	0.01	3.409	O	|	|	|	2.87
208.667	0.00	0.01	3.409	O	|	|	|	2.87
208.750	0.00	0.01	3.409	O	|	|	|	2.87
208.833	0.00	0.01	3.409	O	|	|	|	2.87
208.917	0.00	0.01	3.408	O	|	|	|	2.87
209.000	0.00	0.01	3.408	O	|	|	|	2.87
209.083	0.00	0.01	3.408	O	|	|	|	2.87
209.167	0.00	0.01	3.408	O	|	|	|	2.87
209.250	0.00	0.01	3.408	O	|	|	|	2.87
209.333	0.00	0.01	3.408	O	|	|	|	2.87
209.417	0.00	0.01	3.408	O	|	|	|	2.87
209.500	0.00	0.01	3.408	O	|	|	|	2.87
209.583	0.00	0.01	3.408	O	|	|	|	2.87
209.667	0.00	0.01	3.408	O	|	|	|	2.87
209.750	0.00	0.01	3.408	O	|	|	|	2.87
209.833	0.00	0.01	3.408	O	|	|	|	2.87
209.917	0.00	0.01	3.408	O	|	|	|	2.87
210.000	0.00	0.01	3.408	O	|	|	|	2.87
210.083	0.00	0.01	3.407	O	|	|	|	2.87
210.167	0.00	0.01	3.407	O	|	|	|	2.87
210.250	0.00	0.01	3.407	O	|	|	|	2.87
210.333	0.00	0.01	3.407	O	|	|	|	2.87
210.417	0.00	0.01	3.407	O	|	|	|	2.87
210.500	0.00	0.01	3.407	O	|	|	|	2.87

210.583	0.00	0.01	3.407	O				2.87
210.667	0.00	0.01	3.407	O				2.87
210.750	0.00	0.01	3.407	O				2.87
210.833	0.00	0.01	3.407	O				2.87
210.917	0.00	0.01	3.407	O				2.87
211.000	0.00	0.01	3.407	O				2.87
211.083	0.00	0.01	3.407	O				2.87
211.167	0.00	0.01	3.407	O				2.87
211.250	0.00	0.01	3.407	O				2.87
211.333	0.00	0.01	3.406	O				2.87
211.417	0.00	0.01	3.406	O				2.87
211.500	0.00	0.01	3.406	O				2.87
211.583	0.00	0.01	3.406	O				2.87
211.667	0.00	0.01	3.406	O				2.87
211.750	0.00	0.01	3.406	O				2.87
211.833	0.00	0.01	3.406	O				2.87
211.917	0.00	0.01	3.406	O				2.87
212.000	0.00	0.01	3.406	O				2.87
212.083	0.00	0.01	3.406	O				2.87
212.167	0.00	0.01	3.406	O				2.87
212.250	0.00	0.01	3.406	O				2.87
212.333	0.00	0.01	3.406	O				2.87
212.417	0.00	0.01	3.406	O				2.87
212.500	0.00	0.01	3.405	O				2.87
212.583	0.00	0.01	3.405	O				2.87
212.667	0.00	0.01	3.405	O				2.87
212.750	0.00	0.01	3.405	O				2.87
212.833	0.00	0.01	3.405	O				2.87
212.917	0.00	0.01	3.405	O				2.87
213.000	0.00	0.01	3.405	O				2.87
213.083	0.00	0.01	3.405	O				2.87
213.167	0.00	0.01	3.405	O				2.87
213.250	0.00	0.01	3.405	O				2.87
213.333	0.00	0.01	3.405	O				2.87
213.417	0.00	0.01	3.405	O				2.87
213.500	0.00	0.01	3.405	O				2.87
213.583	0.00	0.01	3.405	O				2.87
213.667	0.00	0.01	3.405	O				2.87
213.750	0.00	0.01	3.404	O				2.87
213.833	0.00	0.01	3.404	O				2.87
213.917	0.00	0.01	3.404	O				2.87
214.000	0.00	0.01	3.404	O				2.87
214.083	0.00	0.01	3.404	O				2.87
214.167	0.00	0.01	3.404	O				2.87
214.250	0.00	0.01	3.404	O				2.87
214.333	0.00	0.01	3.404	O				2.87
214.417	0.00	0.01	3.404	O				2.87
214.500	0.00	0.01	3.404	O				2.87
214.583	0.00	0.01	3.404	O				2.87
214.667	0.00	0.01	3.404	O				2.87

214.750	0.00	0.01	3.404	O					2.87
214.833	0.00	0.01	3.404	O					2.87
214.917	0.00	0.01	3.403	O					2.87
215.000	0.00	0.01	3.403	O					2.87
215.083	0.00	0.01	3.403	O					2.87
215.167	0.00	0.01	3.403	O					2.87
215.250	0.00	0.01	3.403	O					2.87
215.333	0.00	0.01	3.403	O					2.87
215.417	0.00	0.01	3.403	O					2.87
215.500	0.00	0.01	3.403	O					2.87
215.583	0.00	0.01	3.403	O					2.87
215.667	0.00	0.01	3.403	O					2.87
215.750	0.00	0.01	3.403	O					2.87
215.833	0.00	0.01	3.403	O					2.87
215.917	0.00	0.01	3.403	O					2.87
216.000	0.00	0.01	3.403	O					2.87
216.083	0.00	0.01	3.403	O					2.87
216.167	0.00	0.01	3.402	O					2.87
216.250	0.00	0.01	3.402	O					2.87
216.333	0.00	0.01	3.402	O					2.87
216.417	0.00	0.01	3.402	O					2.87
216.500	0.00	0.01	3.402	O					2.87
216.583	0.00	0.01	3.402	O					2.87
216.667	0.00	0.01	3.402	O					2.87
216.750	0.00	0.01	3.402	O					2.87
216.833	0.00	0.01	3.402	O					2.87
216.917	0.00	0.01	3.402	O					2.87
217.000	0.00	0.01	3.402	O					2.87
217.083	0.00	0.01	3.402	O					2.87
217.167	0.00	0.01	3.402	O					2.87
217.250	0.00	0.01	3.402	O					2.87
217.333	0.00	0.01	3.401	O					2.87
217.417	0.00	0.01	3.401	O					2.87
217.500	0.00	0.01	3.401	O					2.87
217.583	0.00	0.01	3.401	O					2.87
217.667	0.00	0.01	3.401	O					2.87
217.750	0.00	0.01	3.401	O					2.87
217.833	0.00	0.01	3.401	O					2.87
217.917	0.00	0.01	3.401	O					2.87
218.000	0.00	0.01	3.401	O					2.87
218.083	0.00	0.01	3.401	O					2.87
218.167	0.00	0.01	3.401	O					2.87
218.250	0.00	0.01	3.401	O					2.87
218.333	0.00	0.01	3.401	O					2.87
218.417	0.00	0.01	3.401	O					2.87
218.500	0.00	0.01	3.401	O					2.87
218.583	0.00	0.01	3.400	O					2.87
218.667	0.00	0.01	3.400	O					2.87
218.750	0.00	0.01	3.400	O					2.87
218.833	0.00	0.01	3.400	O					2.87

218.917	0.00	0.01	3.400	O				2.87
219.000	0.00	0.01	3.400	O				2.87
219.083	0.00	0.01	3.400	O				2.87
219.167	0.00	0.01	3.400	O				2.87
219.250	0.00	0.01	3.400	O				2.87
219.333	0.00	0.01	3.400	O				2.87
219.417	0.00	0.01	3.400	O				2.87
219.500	0.00	0.01	3.400	O				2.87
219.583	0.00	0.01	3.400	O				2.87
219.667	0.00	0.01	3.400	O				2.87
219.750	0.00	0.01	3.399	O				2.87
219.833	0.00	0.01	3.399	O				2.87
219.917	0.00	0.01	3.399	O				2.87
220.000	0.00	0.01	3.399	O				2.87
220.083	0.00	0.01	3.399	O				2.87
220.167	0.00	0.01	3.399	O				2.87
220.250	0.00	0.01	3.399	O				2.87
220.333	0.00	0.01	3.399	O				2.87
220.417	0.00	0.01	3.399	O				2.87
220.500	0.00	0.01	3.399	O				2.87
220.583	0.00	0.01	3.399	O				2.87
220.667	0.00	0.01	3.399	O				2.87
220.750	0.00	0.01	3.399	O				2.87
220.833	0.00	0.01	3.399	O				2.87
220.917	0.00	0.01	3.399	O				2.87
221.000	0.00	0.01	3.398	O				2.87
221.083	0.00	0.01	3.398	O				2.87
221.167	0.00	0.01	3.398	O				2.87
221.250	0.00	0.01	3.398	O				2.87
221.333	0.00	0.01	3.398	O				2.87
221.417	0.00	0.01	3.398	O				2.87
221.500	0.00	0.01	3.398	O				2.87
221.583	0.00	0.01	3.398	O				2.86
221.667	0.00	0.01	3.398	O				2.86
221.750	0.00	0.01	3.398	O				2.86
221.833	0.00	0.01	3.398	O				2.86
221.917	0.00	0.01	3.398	O				2.86
222.000	0.00	0.01	3.398	O				2.86
222.083	0.00	0.01	3.398	O				2.86
222.167	0.00	0.01	3.397	O				2.86
222.250	0.00	0.01	3.397	O				2.86
222.333	0.00	0.01	3.397	O				2.86
222.417	0.00	0.01	3.397	O				2.86
222.500	0.00	0.01	3.397	O				2.86
222.583	0.00	0.01	3.397	O				2.86
222.667	0.00	0.01	3.397	O				2.86
222.750	0.00	0.01	3.397	O				2.86
222.833	0.00	0.01	3.397	O				2.86
222.917	0.00	0.01	3.397	O				2.86
223.000	0.00	0.01	3.397	O				2.86

223.083	0.00	0.01	3.397	O				2.86
223.167	0.00	0.01	3.397	O				2.86
223.250	0.00	0.01	3.397	O				2.86
223.333	0.00	0.01	3.397	O				2.86
223.417	0.00	0.01	3.396	O				2.86
223.500	0.00	0.01	3.396	O				2.86
223.583	0.00	0.01	3.396	O				2.86
223.667	0.00	0.01	3.396	O				2.86
223.750	0.00	0.01	3.396	O				2.86
223.833	0.00	0.01	3.396	O				2.86
223.917	0.00	0.01	3.396	O				2.86
224.000	0.00	0.01	3.396	O				2.86
224.083	0.00	0.01	3.396	O				2.86
224.167	0.00	0.01	3.396	O				2.86
224.250	0.00	0.01	3.396	O				2.86
224.333	0.00	0.01	3.396	O				2.86
224.417	0.00	0.01	3.396	O				2.86
224.500	0.00	0.01	3.396	O				2.86
224.583	0.00	0.01	3.395	O				2.86
224.667	0.00	0.01	3.395	O				2.86
224.750	0.00	0.01	3.395	O				2.86
224.833	0.00	0.01	3.395	O				2.86
224.917	0.00	0.01	3.395	O				2.86
225.000	0.00	0.01	3.395	O				2.86
225.083	0.00	0.01	3.395	O				2.86
225.167	0.00	0.01	3.395	O				2.86
225.250	0.00	0.01	3.395	O				2.86
225.333	0.00	0.01	3.395	O				2.86
225.417	0.00	0.01	3.395	O				2.86
225.500	0.00	0.01	3.395	O				2.86
225.583	0.00	0.01	3.395	O				2.86
225.667	0.00	0.01	3.395	O				2.86
225.750	0.00	0.01	3.395	O				2.86
225.833	0.00	0.01	3.394	O				2.86
225.917	0.00	0.01	3.394	O				2.86
226.000	0.00	0.01	3.394	O				2.86
226.083	0.00	0.01	3.394	O				2.86
226.167	0.00	0.01	3.394	O				2.86
226.250	0.00	0.01	3.394	O				2.86
226.333	0.00	0.01	3.394	O				2.86
226.417	0.00	0.01	3.394	O				2.86
226.500	0.00	0.01	3.394	O				2.86
226.583	0.00	0.01	3.394	O				2.86
226.667	0.00	0.01	3.394	O				2.86
226.750	0.00	0.01	3.394	O				2.86
226.833	0.00	0.01	3.394	O				2.86
226.917	0.00	0.01	3.394	O				2.86
227.000	0.00	0.01	3.393	O				2.86
227.083	0.00	0.01	3.393	O				2.86
227.167	0.00	0.01	3.393	O				2.86

227.250	0.00	0.01	3.393	O				2.86
227.333	0.00	0.01	3.393	O				2.86
227.417	0.00	0.01	3.393	O				2.86
227.500	0.00	0.01	3.393	O				2.86
227.583	0.00	0.01	3.393	O				2.86
227.667	0.00	0.01	3.393	O				2.86
227.750	0.00	0.01	3.393	O				2.86
227.833	0.00	0.01	3.393	O				2.86
227.917	0.00	0.01	3.393	O				2.86
228.000	0.00	0.01	3.393	O				2.86
228.083	0.00	0.01	3.393	O				2.86
228.167	0.00	0.01	3.393	O				2.86
228.250	0.00	0.01	3.392	O				2.86
228.333	0.00	0.01	3.392	O				2.86
228.417	0.00	0.01	3.392	O				2.86
228.500	0.00	0.01	3.392	O				2.86
228.583	0.00	0.01	3.392	O				2.86
228.667	0.00	0.01	3.392	O				2.86
228.750	0.00	0.01	3.392	O				2.86
228.833	0.00	0.01	3.392	O				2.86
228.917	0.00	0.01	3.392	O				2.86
229.000	0.00	0.01	3.392	O				2.86
229.083	0.00	0.01	3.392	O				2.86
229.167	0.00	0.01	3.392	O				2.86
229.250	0.00	0.01	3.392	O				2.86
229.333	0.00	0.01	3.392	O				2.86
229.417	0.00	0.01	3.391	O				2.86
229.500	0.00	0.01	3.391	O				2.86
229.583	0.00	0.01	3.391	O				2.86
229.667	0.00	0.01	3.391	O				2.86
229.750	0.00	0.01	3.391	O				2.86
229.833	0.00	0.01	3.391	O				2.86
229.917	0.00	0.01	3.391	O				2.86
230.000	0.00	0.01	3.391	O				2.86
230.083	0.00	0.01	3.391	O				2.86
230.167	0.00	0.01	3.391	O				2.86
230.250	0.00	0.01	3.391	O				2.86
230.333	0.00	0.01	3.391	O				2.86
230.417	0.00	0.01	3.391	O				2.86
230.500	0.00	0.01	3.391	O				2.86
230.583	0.00	0.01	3.391	O				2.86
230.667	0.00	0.01	3.390	O				2.86
230.750	0.00	0.01	3.390	O				2.86
230.833	0.00	0.01	3.390	O				2.86
230.917	0.00	0.01	3.390	O				2.86
231.000	0.00	0.01	3.390	O				2.86
231.083	0.00	0.01	3.390	O				2.86
231.167	0.00	0.01	3.390	O				2.86
231.250	0.00	0.01	3.390	O				2.86
231.333	0.00	0.01	3.390	O				2.86

231.417	0.00	0.01	3.390	O	|	|	|	2.86
231.500	0.00	0.01	3.390	O	|	|	|	2.86
231.583	0.00	0.01	3.390	O	|	|	|	2.86
231.667	0.00	0.01	3.390	O	|	|	|	2.86
231.750	0.00	0.01	3.390	O	|	|	|	2.86
231.833	0.00	0.01	3.390	O	|	|	|	2.86
231.917	0.00	0.01	3.389	O	|	|	|	2.86
232.000	0.00	0.01	3.389	O	|	|	|	2.86
232.083	0.00	0.01	3.389	O	|	|	|	2.86
232.167	0.00	0.01	3.389	O	|	|	|	2.86
232.250	0.00	0.01	3.389	O	|	|	|	2.86
232.333	0.00	0.01	3.389	O	|	|	|	2.86
232.417	0.00	0.01	3.389	O	|	|	|	2.86
232.500	0.00	0.01	3.389	O	|	|	|	2.86
232.583	0.00	0.01	3.389	O	|	|	|	2.86
232.667	0.00	0.01	3.389	O	|	|	|	2.86
232.750	0.00	0.01	3.389	O	|	|	|	2.86
232.833	0.00	0.01	3.389	O	|	|	|	2.86
232.917	0.00	0.01	3.389	O	|	|	|	2.86
233.000	0.00	0.01	3.389	O	|	|	|	2.86
233.083	0.00	0.01	3.388	O	|	|	|	2.86
233.167	0.00	0.01	3.388	O	|	|	|	2.86
233.250	0.00	0.01	3.388	O	|	|	|	2.86
233.333	0.00	0.01	3.388	O	|	|	|	2.86
233.417	0.00	0.01	3.388	O	|	|	|	2.86
233.500	0.00	0.01	3.388	O	|	|	|	2.86
233.583	0.00	0.01	3.388	O	|	|	|	2.86
233.667	0.00	0.01	3.388	O	|	|	|	2.86
233.750	0.00	0.01	3.388	O	|	|	|	2.86
233.833	0.00	0.01	3.388	O	|	|	|	2.86
233.917	0.00	0.01	3.388	O	|	|	|	2.86
234.000	0.00	0.01	3.388	O	|	|	|	2.86
234.083	0.00	0.01	3.388	O	|	|	|	2.86
234.167	0.00	0.01	3.388	O	|	|	|	2.86
234.250	0.00	0.01	3.388	O	|	|	|	2.86
234.333	0.00	0.01	3.387	O	|	|	|	2.86
234.417	0.00	0.01	3.387	O	|	|	|	2.86
234.500	0.00	0.01	3.387	O	|	|	|	2.86
234.583	0.00	0.01	3.387	O	|	|	|	2.86
234.667	0.00	0.01	3.387	O	|	|	|	2.86
234.750	0.00	0.01	3.387	O	|	|	|	2.86
234.833	0.00	0.01	3.387	O	|	|	|	2.86
234.917	0.00	0.01	3.387	O	|	|	|	2.86
235.000	0.00	0.01	3.387	O	|	|	|	2.86
235.083	0.00	0.01	3.387	O	|	|	|	2.86
235.167	0.00	0.01	3.387	O	|	|	|	2.86
235.250	0.00	0.01	3.387	O	|	|	|	2.86
235.333	0.00	0.01	3.387	O	|	|	|	2.86
235.417	0.00	0.01	3.387	O	|	|	|	2.86
235.500	0.00	0.01	3.386	O	|	|	|	2.86

235.583	0.00	0.01	3.386	O				2.86
235.667	0.00	0.01	3.386	O				2.86
235.750	0.00	0.01	3.386	O				2.86
235.833	0.00	0.01	3.386	O				2.86
235.917	0.00	0.01	3.386	O				2.86
236.000	0.00	0.01	3.386	O				2.86
236.083	0.00	0.01	3.386	O				2.85
236.167	0.00	0.01	3.386	O				2.85
236.250	0.00	0.01	3.386	O				2.85
236.333	0.00	0.01	3.386	O				2.85
236.417	0.00	0.01	3.386	O				2.85
236.500	0.00	0.01	3.386	O				2.85
236.583	0.00	0.01	3.386	O				2.85
236.667	0.00	0.01	3.386	O				2.85
236.750	0.00	0.01	3.385	O				2.85
236.833	0.00	0.01	3.385	O				2.85
236.917	0.00	0.01	3.385	O				2.85
237.000	0.00	0.01	3.385	O				2.85
237.083	0.00	0.01	3.385	O				2.85
237.167	0.00	0.01	3.385	O				2.85
237.250	0.00	0.01	3.385	O				2.85
237.333	0.00	0.01	3.385	O				2.85
237.417	0.00	0.01	3.385	O				2.85
237.500	0.00	0.01	3.385	O				2.85
237.583	0.00	0.01	3.385	O				2.85
237.667	0.00	0.01	3.385	O				2.85
237.750	0.00	0.01	3.385	O				2.85
237.833	0.00	0.01	3.385	O				2.85
237.917	0.00	0.01	3.384	O				2.85
238.000	0.00	0.01	3.384	O				2.85
238.083	0.00	0.01	3.384	O				2.85
238.167	0.00	0.01	3.384	O				2.85
238.250	0.00	0.01	3.384	O				2.85
238.333	0.00	0.01	3.384	O				2.85
238.417	0.00	0.01	3.384	O				2.85
238.500	0.00	0.01	3.384	O				2.85
238.583	0.00	0.01	3.384	O				2.85
238.667	0.00	0.01	3.384	O				2.85
238.750	0.00	0.01	3.384	O				2.85
238.833	0.00	0.01	3.384	O				2.85
238.917	0.00	0.01	3.384	O				2.85
239.000	0.00	0.01	3.384	O				2.85
239.083	0.00	0.01	3.384	O				2.85
239.167	0.00	0.01	3.383	O				2.85
239.250	0.00	0.01	3.383	O				2.85
239.333	0.00	0.01	3.383	O				2.85
239.417	0.00	0.01	3.383	O				2.85
239.500	0.00	0.01	3.383	O				2.85
239.583	0.00	0.01	3.383	O				2.85
239.667	0.00	0.01	3.383	O				2.85

239.750	0.00	0.01	3.383	O				2.85
239.833	0.00	0.01	3.383	O				2.85
239.917	0.00	0.01	3.383	O				2.85
240.000	0.00	0.01	3.383	O				2.85
240.083	0.00	0.01	3.383	O				2.85
240.167	0.00	0.01	3.383	O				2.85
240.250	0.00	0.01	3.383	O				2.85
240.333	0.00	0.01	3.382	O				2.85
240.417	0.00	0.01	3.382	O				2.85
240.500	0.00	0.01	3.382	O				2.85
240.583	0.00	0.01	3.382	O				2.85
240.667	0.00	0.01	3.382	O				2.85
240.750	0.00	0.01	3.382	O				2.85
240.833	0.00	0.01	3.382	O				2.85
240.917	0.00	0.01	3.382	O				2.85
241.000	0.00	0.01	3.382	O				2.85
241.083	0.00	0.01	3.382	O				2.85
241.167	0.00	0.01	3.382	O				2.85
241.250	0.00	0.01	3.382	O				2.85
241.333	0.00	0.01	3.382	O				2.85
241.417	0.00	0.01	3.382	O				2.85
241.500	0.00	0.01	3.382	O				2.85
241.583	0.00	0.01	3.381	O				2.85
241.667	0.00	0.01	3.381	O				2.85
241.750	0.00	0.01	3.381	O				2.85
241.833	0.00	0.01	3.381	O				2.85
241.917	0.00	0.01	3.381	O				2.85
242.000	0.00	0.01	3.381	O				2.85
242.083	0.00	0.01	3.381	O				2.85
242.167	0.00	0.01	3.381	O				2.85
242.250	0.00	0.01	3.381	O				2.85
242.333	0.00	0.01	3.381	O				2.85
242.417	0.00	0.01	3.381	O				2.85
242.500	0.00	0.01	3.381	O				2.85
242.583	0.00	0.01	3.381	O				2.85
242.667	0.00	0.01	3.381	O				2.85
242.750	0.00	0.01	3.380	O				2.85
242.833	0.00	0.01	3.380	O				2.85
242.917	0.00	0.01	3.380	O				2.85
243.000	0.00	0.01	3.380	O				2.85
243.083	0.00	0.01	3.380	O				2.85
243.167	0.00	0.01	3.380	O				2.85
243.250	0.00	0.01	3.380	O				2.85
243.333	0.00	0.01	3.380	O				2.85
243.417	0.00	0.01	3.380	O				2.85
243.500	0.00	0.01	3.380	O				2.85
243.583	0.00	0.01	3.380	O				2.85
243.667	0.00	0.01	3.380	O				2.85
243.750	0.00	0.01	3.380	O				2.85
243.833	0.00	0.01	3.380	O				2.85

243.917	0.00	0.01	3.380	O					2.85
244.000	0.00	0.01	3.379	O					2.85
244.083	0.00	0.01	3.379	O					2.85
244.167	0.00	0.01	3.379	O					2.85
244.250	0.00	0.01	3.379	O					2.85
244.333	0.00	0.01	3.379	O					2.85
244.417	0.00	0.01	3.379	O					2.85
244.500	0.00	0.01	3.379	O					2.85
244.583	0.00	0.01	3.379	O					2.85
244.667	0.00	0.01	3.379	O					2.85
244.750	0.00	0.01	3.379	O					2.85
244.833	0.00	0.01	3.379	O					2.85
244.917	0.00	0.01	3.379	O					2.85
245.000	0.00	0.01	3.379	O					2.85
245.083	0.00	0.01	3.379	O					2.85
245.167	0.00	0.01	3.378	O					2.85
245.250	0.00	0.01	3.378	O					2.85
245.333	0.00	0.01	3.378	O					2.85
245.417	0.00	0.01	3.378	O					2.85
245.500	0.00	0.01	3.378	O					2.85
245.583	0.00	0.01	3.378	O					2.85
245.667	0.00	0.01	3.378	O					2.85
245.750	0.00	0.01	3.378	O					2.85
245.833	0.00	0.01	3.378	O					2.85
245.917	0.00	0.01	3.378	O					2.85
246.000	0.00	0.01	3.378	O					2.85
246.083	0.00	0.01	3.378	O					2.85
246.167	0.00	0.01	3.378	O					2.85
246.250	0.00	0.01	3.378	O					2.85
246.333	0.00	0.01	3.378	O					2.85
246.417	0.00	0.01	3.377	O					2.85
246.500	0.00	0.01	3.377	O					2.85
246.583	0.00	0.01	3.377	O					2.85
246.667	0.00	0.01	3.377	O					2.85
246.750	0.00	0.01	3.377	O					2.85
246.833	0.00	0.01	3.377	O					2.85
246.917	0.00	0.01	3.377	O					2.85
247.000	0.00	0.01	3.377	O					2.85
247.083	0.00	0.01	3.377	O					2.85
247.167	0.00	0.01	3.377	O					2.85
247.250	0.00	0.01	3.377	O					2.85
247.333	0.00	0.01	3.377	O					2.85
247.417	0.00	0.01	3.377	O					2.85
247.500	0.00	0.01	3.377	O					2.85
247.583	0.00	0.01	3.376	O					2.85
247.667	0.00	0.01	3.376	O					2.85
247.750	0.00	0.01	3.376	O					2.85
247.833	0.00	0.01	3.376	O					2.85
247.917	0.00	0.01	3.376	O					2.85
248.000	0.00	0.01	3.376	O					2.85

248.083	0.00	0.01	3.376	O				2.85
248.167	0.00	0.01	3.376	O				2.85
248.250	0.00	0.01	3.376	O				2.85
248.333	0.00	0.01	3.376	O				2.85
248.417	0.00	0.01	3.376	O				2.85
248.500	0.00	0.01	3.376	O				2.85
248.583	0.00	0.01	3.376	O				2.85
248.667	0.00	0.01	3.376	O				2.85
248.750	0.00	0.01	3.376	O				2.85
248.833	0.00	0.01	3.375	O				2.85
248.917	0.00	0.01	3.375	O				2.85
249.000	0.00	0.01	3.375	O				2.85
249.083	0.00	0.01	3.375	O				2.85
249.167	0.00	0.01	3.375	O				2.85
249.250	0.00	0.01	3.375	O				2.85
249.333	0.00	0.01	3.375	O				2.85
249.417	0.00	0.01	3.375	O				2.85
249.500	0.00	0.01	3.375	O				2.85
249.583	0.00	0.01	3.375	O				2.85
249.667	0.00	0.01	3.375	O				2.85
249.750	0.00	0.01	3.375	O				2.85
249.833	0.00	0.01	3.375	O				2.85
249.917	0.00	0.01	3.375	O				2.85
250.000	0.00	0.01	3.374	O				2.85
250.083	0.00	0.01	3.374	O				2.85
250.167	0.00	0.01	3.374	O				2.85
250.250	0.00	0.01	3.374	O				2.85
250.333	0.00	0.01	3.374	O				2.85
250.417	0.00	0.01	3.374	O				2.85
250.500	0.00	0.01	3.374	O				2.85
250.583	0.00	0.01	3.374	O				2.85
250.667	0.00	0.01	3.374	O				2.84
250.750	0.00	0.01	3.374	O				2.84
250.833	0.00	0.01	3.374	O				2.84
250.917	0.00	0.01	3.374	O				2.84
251.000	0.00	0.01	3.374	O				2.84
251.083	0.00	0.01	3.374	O				2.84
251.167	0.00	0.01	3.374	O				2.84
251.250	0.00	0.01	3.373	O				2.84
251.333	0.00	0.01	3.373	O				2.84
251.417	0.00	0.01	3.373	O				2.84
251.500	0.00	0.01	3.373	O				2.84
251.583	0.00	0.01	3.373	O				2.84
251.667	0.00	0.01	3.373	O				2.84
251.750	0.00	0.01	3.373	O				2.84
251.833	0.00	0.01	3.373	O				2.84
251.917	0.00	0.01	3.373	O				2.84
252.000	0.00	0.01	3.373	O				2.84
252.083	0.00	0.01	3.373	O				2.84
252.167	0.00	0.01	3.373	O				2.84

252.250	0.00	0.01	3.373	O				2.84
252.333	0.00	0.01	3.373	O				2.84
252.417	0.00	0.01	3.372	O				2.84
252.500	0.00	0.01	3.372	O				2.84
252.583	0.00	0.01	3.372	O				2.84
252.667	0.00	0.01	3.372	O				2.84
252.750	0.00	0.01	3.372	O				2.84
252.833	0.00	0.01	3.372	O				2.84
252.917	0.00	0.01	3.372	O				2.84
253.000	0.00	0.01	3.372	O				2.84
253.083	0.00	0.01	3.372	O				2.84
253.167	0.00	0.01	3.372	O				2.84
253.250	0.00	0.01	3.372	O				2.84
253.333	0.00	0.01	3.372	O				2.84
253.417	0.00	0.01	3.372	O				2.84
253.500	0.00	0.01	3.372	O				2.84
253.583	0.00	0.01	3.372	O				2.84
253.667	0.00	0.01	3.371	O				2.84
253.750	0.00	0.01	3.371	O				2.84
253.833	0.00	0.01	3.371	O				2.84
253.917	0.00	0.01	3.371	O				2.84
254.000	0.00	0.01	3.371	O				2.84
254.083	0.00	0.01	3.371	O				2.84
254.167	0.00	0.01	3.371	O				2.84
254.250	0.00	0.01	3.371	O				2.84
254.333	0.00	0.01	3.371	O				2.84
254.417	0.00	0.01	3.371	O				2.84
254.500	0.00	0.01	3.371	O				2.84
254.583	0.00	0.01	3.371	O				2.84
254.667	0.00	0.01	3.371	O				2.84
254.750	0.00	0.01	3.371	O				2.84
254.833	0.00	0.01	3.370	O				2.84
254.917	0.00	0.01	3.370	O				2.84
255.000	0.00	0.01	3.370	O				2.84
255.083	0.00	0.01	3.370	O				2.84
255.167	0.00	0.01	3.370	O				2.84
255.250	0.00	0.01	3.370	O				2.84
255.333	0.00	0.01	3.370	O				2.84
255.417	0.00	0.01	3.370	O				2.84
255.500	0.00	0.01	3.370	O				2.84
255.583	0.00	0.01	3.370	O				2.84
255.667	0.00	0.01	3.370	O				2.84
255.750	0.00	0.01	3.370	O				2.84
255.833	0.00	0.01	3.370	O				2.84
255.917	0.00	0.01	3.370	O				2.84
256.000	0.00	0.01	3.370	O				2.84
256.083	0.00	0.01	3.369	O				2.84
256.167	0.00	0.01	3.369	O				2.84
256.250	0.00	0.01	3.369	O				2.84
256.333	0.00	0.01	3.369	O				2.84

256.417	0.00	0.01	3.369	O				2.84
256.500	0.00	0.01	3.369	O				2.84
256.583	0.00	0.01	3.369	O				2.84
256.667	0.00	0.01	3.369	O				2.84
256.750	0.00	0.01	3.369	O				2.84
256.833	0.00	0.01	3.369	O				2.84
256.917	0.00	0.01	3.369	O				2.84
257.000	0.00	0.01	3.369	O				2.84
257.083	0.00	0.01	3.369	O				2.84
257.167	0.00	0.01	3.369	O				2.84
257.250	0.00	0.01	3.368	O				2.84
257.333	0.00	0.01	3.368	O				2.84
257.417	0.00	0.01	3.368	O				2.84
257.500	0.00	0.01	3.368	O				2.84
257.583	0.00	0.01	3.368	O				2.84
257.667	0.00	0.01	3.368	O				2.84
257.750	0.00	0.01	3.368	O				2.84
257.833	0.00	0.01	3.368	O				2.84
257.917	0.00	0.01	3.368	O				2.84
258.000	0.00	0.01	3.368	O				2.84
258.083	0.00	0.01	3.368	O				2.84
258.167	0.00	0.01	3.368	O				2.84
258.250	0.00	0.01	3.368	O				2.84
258.333	0.00	0.01	3.368	O				2.84
258.417	0.00	0.01	3.368	O				2.84
258.500	0.00	0.01	3.367	O				2.84
258.583	0.00	0.01	3.367	O				2.84
258.667	0.00	0.01	3.367	O				2.84
258.750	0.00	0.01	3.367	O				2.84
258.833	0.00	0.01	3.367	O				2.84
258.917	0.00	0.01	3.367	O				2.84
259.000	0.00	0.01	3.367	O				2.84
259.083	0.00	0.01	3.367	O				2.84
259.167	0.00	0.01	3.367	O				2.84
259.250	0.00	0.01	3.367	O				2.84
259.333	0.00	0.01	3.367	O				2.84
259.417	0.00	0.01	3.367	O				2.84
259.500	0.00	0.01	3.367	O				2.84
259.583	0.00	0.01	3.367	O				2.84
259.667	0.00	0.01	3.366	O				2.84
259.750	0.00	0.01	3.366	O				2.84
259.833	0.00	0.01	3.366	O				2.84
259.917	0.00	0.01	3.366	O				2.84
260.000	0.00	0.01	3.366	O				2.84
260.083	0.00	0.01	3.366	O				2.84
260.167	0.00	0.01	3.366	O				2.84
260.250	0.00	0.01	3.366	O				2.84
260.333	0.00	0.01	3.366	O				2.84
260.417	0.00	0.01	3.366	O				2.84
260.500	0.00	0.01	3.366	O				2.84

260.583	0.00	0.01	3.366	O	|	|	|	2.84
260.667	0.00	0.01	3.366	O	|	|	|	2.84
260.750	0.00	0.01	3.366	O	|	|	|	2.84
260.833	0.00	0.01	3.366	O	|	|	|	2.84
260.917	0.00	0.01	3.365	O	|	|	|	2.84
261.000	0.00	0.01	3.365	O	|	|	|	2.84
261.083	0.00	0.01	3.365	O	|	|	|	2.84
261.167	0.00	0.01	3.365	O	|	|	|	2.84
261.250	0.00	0.01	3.365	O	|	|	|	2.84
261.333	0.00	0.01	3.365	O	|	|	|	2.84
261.417	0.00	0.01	3.365	O	|	|	|	2.84
261.500	0.00	0.01	3.365	O	|	|	|	2.84
261.583	0.00	0.01	3.365	O	|	|	|	2.84
261.667	0.00	0.01	3.365	O	|	|	|	2.84
261.750	0.00	0.01	3.365	O	|	|	|	2.84
261.833	0.00	0.01	3.365	O	|	|	|	2.84
261.917	0.00	0.01	3.365	O	|	|	|	2.84
262.000	0.00	0.01	3.365	O	|	|	|	2.84
262.083	0.00	0.01	3.365	O	|	|	|	2.84
262.167	0.00	0.01	3.364	O	|	|	|	2.84
262.250	0.00	0.01	3.364	O	|	|	|	2.84
262.333	0.00	0.01	3.364	O	|	|	|	2.84
262.417	0.00	0.01	3.364	O	|	|	|	2.84
262.500	0.00	0.01	3.364	O	|	|	|	2.84
262.583	0.00	0.01	3.364	O	|	|	|	2.84
262.667	0.00	0.01	3.364	O	|	|	|	2.84
262.750	0.00	0.01	3.364	O	|	|	|	2.84
262.833	0.00	0.01	3.364	O	|	|	|	2.84
262.917	0.00	0.01	3.364	O	|	|	|	2.84
263.000	0.00	0.01	3.364	O	|	|	|	2.84
263.083	0.00	0.01	3.364	O	|	|	|	2.84
263.167	0.00	0.01	3.364	O	|	|	|	2.84
263.250	0.00	0.01	3.364	O	|	|	|	2.84
263.333	0.00	0.01	3.363	O	|	|	|	2.84
263.417	0.00	0.01	3.363	O	|	|	|	2.84
263.500	0.00	0.01	3.363	O	|	|	|	2.84
263.583	0.00	0.01	3.363	O	|	|	|	2.84
263.667	0.00	0.01	3.363	O	|	|	|	2.84
263.750	0.00	0.01	3.363	O	|	|	|	2.84
263.833	0.00	0.01	3.363	O	|	|	|	2.84
263.917	0.00	0.01	3.363	O	|	|	|	2.84
264.000	0.00	0.01	3.363	O	|	|	|	2.84
264.083	0.00	0.01	3.363	O	|	|	|	2.84
264.167	0.00	0.01	3.363	O	|	|	|	2.84
264.250	0.00	0.01	3.363	O	|	|	|	2.84
264.333	0.00	0.01	3.363	O	|	|	|	2.84
264.417	0.00	0.01	3.363	O	|	|	|	2.84
264.500	0.00	0.01	3.363	O	|	|	|	2.84
264.583	0.00	0.01	3.362	O	|	|	|	2.84
264.667	0.00	0.01	3.362	O	|	|	|	2.84

264.750	0.00	0.01	3.362	O				2.84
264.833	0.00	0.01	3.362	O				2.84
264.917	0.00	0.01	3.362	O				2.84
265.000	0.00	0.01	3.362	O				2.84
265.083	0.00	0.01	3.362	O				2.84
265.167	0.00	0.01	3.362	O				2.83
265.250	0.00	0.01	3.362	O				2.83
265.333	0.00	0.01	3.362	O				2.83
265.417	0.00	0.01	3.362	O				2.83
265.500	0.00	0.01	3.362	O				2.83
265.583	0.00	0.01	3.362	O				2.83
265.667	0.00	0.01	3.362	O				2.83
265.750	0.00	0.01	3.361	O				2.83
265.833	0.00	0.01	3.361	O				2.83
265.917	0.00	0.01	3.361	O				2.83
266.000	0.00	0.01	3.361	O				2.83
266.083	0.00	0.01	3.361	O				2.83
266.167	0.00	0.01	3.361	O				2.83
266.250	0.00	0.01	3.361	O				2.83
266.333	0.00	0.01	3.361	O				2.83
266.417	0.00	0.01	3.361	O				2.83
266.500	0.00	0.01	3.361	O				2.83
266.583	0.00	0.01	3.361	O				2.83
266.667	0.00	0.01	3.361	O				2.83
266.750	0.00	0.01	3.361	O				2.83
266.833	0.00	0.01	3.361	O				2.83
266.917	0.00	0.01	3.361	O				2.83
267.000	0.00	0.01	3.360	O				2.83
267.083	0.00	0.01	3.360	O				2.83
267.167	0.00	0.01	3.360	O				2.83
267.250	0.00	0.01	3.360	O				2.83
267.333	0.00	0.01	3.360	O				2.83
267.417	0.00	0.01	3.360	O				2.83
267.500	0.00	0.01	3.360	O				2.83
267.583	0.00	0.01	3.360	O				2.83
267.667	0.00	0.01	3.360	O				2.83
267.750	0.00	0.01	3.360	O				2.83
267.833	0.00	0.01	3.360	O				2.83
267.917	0.00	0.01	3.360	O				2.83
268.000	0.00	0.01	3.360	O				2.83
268.083	0.00	0.01	3.360	O				2.83
268.167	0.00	0.01	3.359	O				2.83
268.250	0.00	0.01	3.359	O				2.83
268.333	0.00	0.01	3.359	O				2.83
268.417	0.00	0.01	3.359	O				2.83
268.500	0.00	0.01	3.359	O				2.83
268.583	0.00	0.01	3.359	O				2.83
268.667	0.00	0.01	3.359	O				2.83
268.750	0.00	0.01	3.359	O				2.83
268.833	0.00	0.01	3.359	O				2.83

268.917	0.00	0.01	3.359	O	|	|	|	2.83
269.000	0.00	0.01	3.359	O	|	|	|	2.83
269.083	0.00	0.01	3.359	O	|	|	|	2.83
269.167	0.00	0.01	3.359	O	|	|	|	2.83
269.250	0.00	0.01	3.359	O	|	|	|	2.83
269.333	0.00	0.01	3.359	O	|	|	|	2.83
269.417	0.00	0.01	3.358	O	|	|	|	2.83
269.500	0.00	0.01	3.358	O	|	|	|	2.83
269.583	0.00	0.01	3.358	O	|	|	|	2.83
269.667	0.00	0.01	3.358	O	|	|	|	2.83
269.750	0.00	0.01	3.358	O	|	|	|	2.83
269.833	0.00	0.01	3.358	O	|	|	|	2.83
269.917	0.00	0.01	3.358	O	|	|	|	2.83
270.000	0.00	0.01	3.358	O	|	|	|	2.83
270.083	0.00	0.01	3.358	O	|	|	|	2.83
270.167	0.00	0.01	3.358	O	|	|	|	2.83
270.250	0.00	0.01	3.358	O	|	|	|	2.83
270.333	0.00	0.01	3.358	O	|	|	|	2.83
270.417	0.00	0.01	3.358	O	|	|	|	2.83
270.500	0.00	0.01	3.358	O	|	|	|	2.83
270.583	0.00	0.01	3.357	O	|	|	|	2.83
270.667	0.00	0.01	3.357	O	|	|	|	2.83
270.750	0.00	0.01	3.357	O	|	|	|	2.83
270.833	0.00	0.01	3.357	O	|	|	|	2.83
270.917	0.00	0.01	3.357	O	|	|	|	2.83
271.000	0.00	0.01	3.357	O	|	|	|	2.83
271.083	0.00	0.01	3.357	O	|	|	|	2.83
271.167	0.00	0.01	3.357	O	|	|	|	2.83
271.250	0.00	0.01	3.357	O	|	|	|	2.83
271.333	0.00	0.01	3.357	O	|	|	|	2.83
271.417	0.00	0.01	3.357	O	|	|	|	2.83
271.500	0.00	0.01	3.357	O	|	|	|	2.83
271.583	0.00	0.01	3.357	O	|	|	|	2.83
271.667	0.00	0.01	3.357	O	|	|	|	2.83
271.750	0.00	0.01	3.357	O	|	|	|	2.83
271.833	0.00	0.01	3.356	O	|	|	|	2.83
271.917	0.00	0.01	3.356	O	|	|	|	2.83
272.000	0.00	0.01	3.356	O	|	|	|	2.83
272.083	0.00	0.01	3.356	O	|	|	|	2.83
272.167	0.00	0.01	3.356	O	|	|	|	2.83
272.250	0.00	0.01	3.356	O	|	|	|	2.83
272.333	0.00	0.01	3.356	O	|	|	|	2.83
272.417	0.00	0.01	3.356	O	|	|	|	2.83
272.500	0.00	0.01	3.356	O	|	|	|	2.83
272.583	0.00	0.01	3.356	O	|	|	|	2.83
272.667	0.00	0.01	3.356	O	|	|	|	2.83
272.750	0.00	0.01	3.356	O	|	|	|	2.83
272.833	0.00	0.01	3.356	O	|	|	|	2.83
272.917	0.00	0.01	3.356	O	|	|	|	2.83
273.000	0.00	0.01	3.355	O	|	|	|	2.83

273.083	0.00	0.01	3.355	O				2.83
273.167	0.00	0.01	3.355	O				2.83
273.250	0.00	0.01	3.355	O				2.83
273.333	0.00	0.01	3.355	O				2.83
273.417	0.00	0.01	3.355	O				2.83
273.500	0.00	0.01	3.355	O				2.83
273.583	0.00	0.01	3.355	O				2.83
273.667	0.00	0.01	3.355	O				2.83
273.750	0.00	0.01	3.355	O				2.83
273.833	0.00	0.01	3.355	O				2.83
273.917	0.00	0.01	3.355	O				2.83
274.000	0.00	0.01	3.355	O				2.83
274.083	0.00	0.01	3.355	O				2.83
274.167	0.00	0.01	3.355	O				2.83
274.250	0.00	0.01	3.354	O				2.83
274.333	0.00	0.01	3.354	O				2.83
274.417	0.00	0.01	3.354	O				2.83
274.500	0.00	0.01	3.354	O				2.83
274.583	0.00	0.01	3.354	O				2.83
274.667	0.00	0.01	3.354	O				2.83
274.750	0.00	0.01	3.354	O				2.83
274.833	0.00	0.01	3.354	O				2.83
274.917	0.00	0.01	3.354	O				2.83
275.000	0.00	0.01	3.354	O				2.83
275.083	0.00	0.01	3.354	O				2.83
275.167	0.00	0.01	3.354	O				2.83
275.250	0.00	0.01	3.354	O				2.83
275.333	0.00	0.01	3.354	O				2.83
275.417	0.00	0.01	3.353	O				2.83
275.500	0.00	0.01	3.353	O				2.83
275.583	0.00	0.01	3.353	O				2.83
275.667	0.00	0.01	3.353	O				2.83
275.750	0.00	0.01	3.353	O				2.83
275.833	0.00	0.01	3.353	O				2.83
275.917	0.00	0.01	3.353	O				2.83
276.000	0.00	0.01	3.353	O				2.83
276.083	0.00	0.01	3.353	O				2.83
276.167	0.00	0.01	3.353	O				2.83
276.250	0.00	0.01	3.353	O				2.83
276.333	0.00	0.01	3.353	O				2.83
276.417	0.00	0.01	3.353	O				2.83
276.500	0.00	0.01	3.353	O				2.83
276.583	0.00	0.01	3.353	O				2.83
276.667	0.00	0.01	3.352	O				2.83
276.750	0.00	0.01	3.352	O				2.83
276.833	0.00	0.01	3.352	O				2.83
276.917	0.00	0.01	3.352	O				2.83
277.000	0.00	0.01	3.352	O				2.83
277.083	0.00	0.01	3.352	O				2.83
277.167	0.00	0.01	3.352	O				2.83

277.250	0.00	0.01	3.352	O				2.83
277.333	0.00	0.01	3.352	O				2.83
277.417	0.00	0.01	3.352	O				2.83
277.500	0.00	0.01	3.352	O				2.83
277.583	0.00	0.01	3.352	O				2.83
277.667	0.00	0.01	3.352	O				2.83
277.750	0.00	0.01	3.352	O				2.83
277.833	0.00	0.01	3.351	O				2.83
277.917	0.00	0.01	3.351	O				2.83
278.000	0.00	0.01	3.351	O				2.83
278.083	0.00	0.01	3.351	O				2.83
278.167	0.00	0.01	3.351	O				2.83
278.250	0.00	0.01	3.351	O				2.83
278.333	0.00	0.01	3.351	O				2.83
278.417	0.00	0.01	3.351	O				2.83
278.500	0.00	0.01	3.351	O				2.83
278.583	0.00	0.01	3.351	O				2.83
278.667	0.00	0.01	3.351	O				2.83
278.750	0.00	0.01	3.351	O				2.83
278.833	0.00	0.01	3.351	O				2.83
278.917	0.00	0.01	3.351	O				2.83
279.000	0.00	0.01	3.351	O				2.83
279.083	0.00	0.01	3.350	O				2.83
279.167	0.00	0.01	3.350	O				2.83
279.250	0.00	0.01	3.350	O				2.83
279.333	0.00	0.01	3.350	O				2.83
279.417	0.00	0.01	3.350	O				2.83
279.500	0.00	0.01	3.350	O				2.83
279.583	0.00	0.01	3.350	O				2.83
279.667	0.00	0.01	3.350	O				2.82
279.750	0.00	0.01	3.350	O				2.82
279.833	0.00	0.01	3.350	O				2.82
279.917	0.00	0.01	3.350	O				2.82
280.000	0.00	0.01	3.350	O				2.82
280.083	0.00	0.01	3.350	O				2.82
280.167	0.00	0.01	3.350	O				2.82
280.250	0.00	0.01	3.349	O				2.82
280.333	0.00	0.01	3.349	O				2.82
280.417	0.00	0.01	3.349	O				2.82
280.500	0.00	0.01	3.349	O				2.82
280.583	0.00	0.01	3.349	O				2.82
280.667	0.00	0.01	3.349	O				2.82
280.750	0.00	0.01	3.349	O				2.82
280.833	0.00	0.01	3.349	O				2.82
280.917	0.00	0.01	3.349	O				2.82
281.000	0.00	0.01	3.349	O				2.82
281.083	0.00	0.01	3.349	O				2.82
281.167	0.00	0.01	3.349	O				2.82
281.250	0.00	0.01	3.349	O				2.82
281.333	0.00	0.01	3.349	O				2.82

281.417	0.00	0.01	3.349	O	|	|	|	2.82
281.500	0.00	0.01	3.348	O	|	|	|	2.82
281.583	0.00	0.01	3.348	O	|	|	|	2.82
281.667	0.00	0.01	3.348	O	|	|	|	2.82
281.750	0.00	0.01	3.348	O	|	|	|	2.82
281.833	0.00	0.01	3.348	O	|	|	|	2.82
281.917	0.00	0.01	3.348	O	|	|	|	2.82
282.000	0.00	0.01	3.348	O	|	|	|	2.82
282.083	0.00	0.01	3.348	O	|	|	|	2.82
282.167	0.00	0.01	3.348	O	|	|	|	2.82
282.250	0.00	0.01	3.348	O	|	|	|	2.82
282.333	0.00	0.01	3.348	O	|	|	|	2.82
282.417	0.00	0.01	3.348	O	|	|	|	2.82
282.500	0.00	0.01	3.348	O	|	|	|	2.82
282.583	0.00	0.01	3.348	O	|	|	|	2.82
282.667	0.00	0.01	3.347	O	|	|	|	2.82
282.750	0.00	0.01	3.347	O	|	|	|	2.82
282.833	0.00	0.01	3.347	O	|	|	|	2.82
282.917	0.00	0.01	3.347	O	|	|	|	2.82
283.000	0.00	0.01	3.347	O	|	|	|	2.82
283.083	0.00	0.01	3.347	O	|	|	|	2.82
283.167	0.00	0.01	3.347	O	|	|	|	2.82
283.250	0.00	0.01	3.347	O	|	|	|	2.82
283.333	0.00	0.01	3.347	O	|	|	|	2.82
283.417	0.00	0.01	3.347	O	|	|	|	2.82
283.500	0.00	0.01	3.347	O	|	|	|	2.82
283.583	0.00	0.01	3.347	O	|	|	|	2.82
283.667	0.00	0.01	3.347	O	|	|	|	2.82
283.750	0.00	0.01	3.347	O	|	|	|	2.82
283.833	0.00	0.01	3.347	O	|	|	|	2.82
283.917	0.00	0.01	3.346	O	|	|	|	2.82
284.000	0.00	0.01	3.346	O	|	|	|	2.82
284.083	0.00	0.01	3.346	O	|	|	|	2.82
284.167	0.00	0.01	3.346	O	|	|	|	2.82
284.250	0.00	0.01	3.346	O	|	|	|	2.82
284.333	0.00	0.01	3.346	O	|	|	|	2.82
284.417	0.00	0.01	3.346	O	|	|	|	2.82
284.500	0.00	0.01	3.346	O	|	|	|	2.82
284.583	0.00	0.01	3.346	O	|	|	|	2.82
284.667	0.00	0.01	3.346	O	|	|	|	2.82
284.750	0.00	0.01	3.346	O	|	|	|	2.82
284.833	0.00	0.01	3.346	O	|	|	|	2.82
284.917	0.00	0.01	3.346	O	|	|	|	2.82
285.000	0.00	0.01	3.346	O	|	|	|	2.82
285.083	0.00	0.01	3.345	O	|	|	|	2.82
285.167	0.00	0.01	3.345	O	|	|	|	2.82
285.250	0.00	0.01	3.345	O	|	|	|	2.82
285.333	0.00	0.01	3.345	O	|	|	|	2.82
285.417	0.00	0.01	3.345	O	|	|	|	2.82
285.500	0.00	0.01	3.345	O	|	|	|	2.82

285.583	0.00	0.01	3.345	O	|	|	|	2.82
285.667	0.00	0.01	3.345	O	|	|	|	2.82
285.750	0.00	0.01	3.345	O	|	|	|	2.82
285.833	0.00	0.01	3.345	O	|	|	|	2.82
285.917	0.00	0.01	3.345	O	|	|	|	2.82
286.000	0.00	0.01	3.345	O	|	|	|	2.82
286.083	0.00	0.01	3.345	O	|	|	|	2.82
286.167	0.00	0.01	3.345	O	|	|	|	2.82
286.250	0.00	0.01	3.345	O	|	|	|	2.82
286.333	0.00	0.01	3.344	O	|	|	|	2.82
286.417	0.00	0.01	3.344	O	|	|	|	2.82
286.500	0.00	0.01	3.344	O	|	|	|	2.82
286.583	0.00	0.01	3.344	O	|	|	|	2.82
286.667	0.00	0.01	3.344	O	|	|	|	2.82
286.750	0.00	0.01	3.344	O	|	|	|	2.82
286.833	0.00	0.01	3.344	O	|	|	|	2.82
286.917	0.00	0.01	3.344	O	|	|	|	2.82
287.000	0.00	0.01	3.344	O	|	|	|	2.82
287.083	0.00	0.01	3.344	O	|	|	|	2.82
287.167	0.00	0.01	3.344	O	|	|	|	2.82
287.250	0.00	0.01	3.344	O	|	|	|	2.82
287.333	0.00	0.01	3.344	O	|	|	|	2.82
287.417	0.00	0.01	3.344	O	|	|	|	2.82
287.500	0.00	0.01	3.343	O	|	|	|	2.82
287.583	0.00	0.01	3.343	O	|	|	|	2.82
287.667	0.00	0.01	3.343	O	|	|	|	2.82
287.750	0.00	0.01	3.343	O	|	|	|	2.82
287.833	0.00	0.01	3.343	O	|	|	|	2.82
287.917	0.00	0.01	3.343	O	|	|	|	2.82
288.000	0.00	0.01	3.343	O	|	|	|	2.82
288.083	0.00	0.01	3.343	O	|	|	|	2.82
288.167	0.00	0.01	3.343	O	|	|	|	2.82
288.250	0.00	0.01	3.343	O	|	|	|	2.82
288.333	0.00	0.01	3.343	O	|	|	|	2.82
288.417	0.00	0.01	3.343	O	|	|	|	2.82
288.500	0.00	0.01	3.343	O	|	|	|	2.82
288.583	0.00	0.01	3.343	O	|	|	|	2.82
288.667	0.00	0.01	3.343	O	|	|	|	2.82
288.750	0.00	0.01	3.342	O	|	|	|	2.82
288.833	0.00	0.01	3.342	O	|	|	|	2.82
288.917	0.00	0.01	3.342	O	|	|	|	2.82
289.000	0.00	0.01	3.342	O	|	|	|	2.82
289.083	0.00	0.01	3.342	O	|	|	|	2.82
289.167	0.00	0.01	3.342	O	|	|	|	2.82
289.250	0.00	0.01	3.342	O	|	|	|	2.82
289.333	0.00	0.01	3.342	O	|	|	|	2.82
289.417	0.00	0.01	3.342	O	|	|	|	2.82
289.500	0.00	0.01	3.342	O	|	|	|	2.82
289.583	0.00	0.01	3.342	O	|	|	|	2.82
289.667	0.00	0.01	3.342	O	|	|	|	2.82

289.750	0.00	0.01	3.342	O	|	|	|	2.82
289.833	0.00	0.01	3.342	O	|	|	|	2.82
289.917	0.00	0.01	3.341	O	|	|	|	2.82
290.000	0.00	0.01	3.341	O	|	|	|	2.82
290.083	0.00	0.01	3.341	O	|	|	|	2.82
290.167	0.00	0.01	3.341	O	|	|	|	2.82
290.250	0.00	0.01	3.341	O	|	|	|	2.82
290.333	0.00	0.01	3.341	O	|	|	|	2.82
290.417	0.00	0.01	3.341	O	|	|	|	2.82
290.500	0.00	0.01	3.341	O	|	|	|	2.82
290.583	0.00	0.01	3.341	O	|	|	|	2.82
290.667	0.00	0.01	3.341	O	|	|	|	2.82
290.750	0.00	0.01	3.341	O	|	|	|	2.82
290.833	0.00	0.01	3.341	O	|	|	|	2.82
290.917	0.00	0.01	3.341	O	|	|	|	2.82
291.000	0.00	0.01	3.341	O	|	|	|	2.82
291.083	0.00	0.01	3.341	O	|	|	|	2.82
291.167	0.00	0.01	3.340	O	|	|	|	2.82
291.250	0.00	0.01	3.340	O	|	|	|	2.82
291.333	0.00	0.01	3.340	O	|	|	|	2.82
291.417	0.00	0.01	3.340	O	|	|	|	2.82
291.500	0.00	0.01	3.340	O	|	|	|	2.82
291.583	0.00	0.01	3.340	O	|	|	|	2.82
291.667	0.00	0.01	3.340	O	|	|	|	2.82
291.750	0.00	0.01	3.340	O	|	|	|	2.82
291.833	0.00	0.01	3.340	O	|	|	|	2.82
291.917	0.00	0.01	3.340	O	|	|	|	2.82
292.000	0.00	0.01	3.340	O	|	|	|	2.82
292.083	0.00	0.01	3.340	O	|	|	|	2.82
292.167	0.00	0.01	3.340	O	|	|	|	2.82
292.250	0.00	0.01	3.340	O	|	|	|	2.82
292.333	0.00	0.01	3.340	O	|	|	|	2.82
292.417	0.00	0.01	3.339	O	|	|	|	2.82
292.500	0.00	0.01	3.339	O	|	|	|	2.82
292.583	0.00	0.01	3.339	O	|	|	|	2.82
292.667	0.00	0.01	3.339	O	|	|	|	2.82
292.750	0.00	0.01	3.339	O	|	|	|	2.82
292.833	0.00	0.01	3.339	O	|	|	|	2.82
292.917	0.00	0.01	3.339	O	|	|	|	2.82
293.000	0.00	0.01	3.339	O	|	|	|	2.82
293.083	0.00	0.01	3.339	O	|	|	|	2.82
293.167	0.00	0.01	3.339	O	|	|	|	2.82
293.250	0.00	0.01	3.339	O	|	|	|	2.82
293.333	0.00	0.01	3.339	O	|	|	|	2.82
293.417	0.00	0.01	3.339	O	|	|	|	2.82
293.500	0.00	0.01	3.339	O	|	|	|	2.82
293.583	0.00	0.01	3.338	O	|	|	|	2.82
293.667	0.00	0.01	3.338	O	|	|	|	2.82
293.750	0.00	0.01	3.338	O	|	|	|	2.82
293.833	0.00	0.01	3.338	O	|	|	|	2.82

293.917	0.00	0.01	3.338	O				2.82
294.000	0.00	0.01	3.338	O				2.82
294.083	0.00	0.01	3.338	O				2.82
294.167	0.00	0.01	3.338	O				2.81
294.250	0.00	0.01	3.338	O				2.81
294.333	0.00	0.01	3.338	O				2.81
294.417	0.00	0.01	3.338	O				2.81
294.500	0.00	0.01	3.338	O				2.81
294.583	0.00	0.01	3.338	O				2.81
294.667	0.00	0.01	3.338	O				2.81
294.750	0.00	0.01	3.338	O				2.81
294.833	0.00	0.01	3.337	O				2.81
294.917	0.00	0.01	3.337	O				2.81
295.000	0.00	0.01	3.337	O				2.81
295.083	0.00	0.01	3.337	O				2.81
295.167	0.00	0.01	3.337	O				2.81
295.250	0.00	0.01	3.337	O				2.81
295.333	0.00	0.01	3.337	O				2.81
295.417	0.00	0.01	3.337	O				2.81
295.500	0.00	0.01	3.337	O				2.81
295.583	0.00	0.01	3.337	O				2.81
295.667	0.00	0.01	3.337	O				2.81
295.750	0.00	0.01	3.337	O				2.81
295.833	0.00	0.01	3.337	O				2.81
295.917	0.00	0.01	3.337	O				2.81
296.000	0.00	0.01	3.336	O				2.81
296.083	0.00	0.01	3.336	O				2.81
296.167	0.00	0.01	3.336	O				2.81
296.250	0.00	0.01	3.336	O				2.81
296.333	0.00	0.01	3.336	O				2.81
296.417	0.00	0.01	3.336	O				2.81
296.500	0.00	0.01	3.336	O				2.81
296.583	0.00	0.01	3.336	O				2.81
296.667	0.00	0.01	3.336	O				2.81
296.750	0.00	0.01	3.336	O				2.81
296.833	0.00	0.01	3.336	O				2.81
296.917	0.00	0.01	3.336	O				2.81
297.000	0.00	0.01	3.336	O				2.81
297.083	0.00	0.01	3.336	O				2.81
297.167	0.00	0.01	3.336	O				2.81
297.250	0.00	0.01	3.335	O				2.81
297.333	0.00	0.01	3.335	O				2.81
297.417	0.00	0.01	3.335	O				2.81
297.500	0.00	0.01	3.335	O				2.81
297.583	0.00	0.01	3.335	O				2.81
297.667	0.00	0.01	3.335	O				2.81
297.750	0.00	0.01	3.335	O				2.81
297.833	0.00	0.01	3.335	O				2.81
297.917	0.00	0.01	3.335	O				2.81
298.000	0.00	0.01	3.335	O				2.81

298.083	0.00	0.01	3.335	O				2.81
298.167	0.00	0.01	3.335	O				2.81
298.250	0.00	0.01	3.335	O				2.81
298.333	0.00	0.01	3.335	O				2.81
298.417	0.00	0.01	3.334	O				2.81
298.500	0.00	0.01	3.334	O				2.81
298.583	0.00	0.01	3.334	O				2.81
298.667	0.00	0.01	3.334	O				2.81
298.750	0.00	0.01	3.334	O				2.81
298.833	0.00	0.01	3.334	O				2.81
298.917	0.00	0.01	3.334	O				2.81
299.000	0.00	0.01	3.334	O				2.81
299.083	0.00	0.01	3.334	O				2.81
299.167	0.00	0.01	3.334	O				2.81
299.250	0.00	0.01	3.334	O				2.81
299.333	0.00	0.01	3.334	O				2.81
299.417	0.00	0.01	3.334	O				2.81
299.500	0.00	0.01	3.334	O				2.81
299.583	0.00	0.01	3.334	O				2.81
299.667	0.00	0.01	3.333	O				2.81
299.750	0.00	0.01	3.333	O				2.81
299.833	0.00	0.01	3.333	O				2.81
299.917	0.00	0.01	3.333	O				2.81
300.000	0.00	0.01	3.333	O				2.81
300.083	0.00	0.01	3.333	O				2.81
300.167	0.00	0.01	3.333	O				2.81
300.250	0.00	0.01	3.333	O				2.81
300.333	0.00	0.01	3.333	O				2.81
300.417	0.00	0.01	3.333	O				2.81
300.500	0.00	0.01	3.333	O				2.81
300.583	0.00	0.01	3.333	O				2.81
300.667	0.00	0.01	3.333	O				2.81
300.750	0.00	0.01	3.333	O				2.81
300.833	0.00	0.01	3.332	O				2.81
300.917	0.00	0.01	3.332	O				2.81
301.000	0.00	0.01	3.332	O				2.81
301.083	0.00	0.01	3.332	O				2.81
301.167	0.00	0.01	3.332	O				2.81
301.250	0.00	0.01	3.332	O				2.81
301.333	0.00	0.01	3.332	O				2.81
301.417	0.00	0.01	3.332	O				2.81
301.500	0.00	0.01	3.332	O				2.81
301.583	0.00	0.01	3.332	O				2.81
301.667	0.00	0.01	3.332	O				2.81
301.750	0.00	0.01	3.332	O				2.81
301.833	0.00	0.01	3.332	O				2.81
301.917	0.00	0.01	3.332	O				2.81
302.000	0.00	0.01	3.332	O				2.81
302.083	0.00	0.01	3.331	O				2.81
302.167	0.00	0.01	3.331	O				2.81

302.250	0.00	0.01	3.331	O				2.81
302.333	0.00	0.01	3.331	O				2.81
302.417	0.00	0.01	3.331	O				2.81
302.500	0.00	0.01	3.331	O				2.81
302.583	0.00	0.01	3.331	O				2.81
302.667	0.00	0.01	3.331	O				2.81
302.750	0.00	0.01	3.331	O				2.81
302.833	0.00	0.01	3.331	O				2.81
302.917	0.00	0.01	3.331	O				2.81
303.000	0.00	0.01	3.331	O				2.81
303.083	0.00	0.01	3.331	O				2.81
303.167	0.00	0.01	3.331	O				2.81
303.250	0.00	0.01	3.330	O				2.81
303.333	0.00	0.01	3.330	O				2.81
303.417	0.00	0.01	3.330	O				2.81
303.500	0.00	0.01	3.330	O				2.81
303.583	0.00	0.01	3.330	O				2.81
303.667	0.00	0.01	3.330	O				2.81
303.750	0.00	0.01	3.330	O				2.81
303.833	0.00	0.01	3.330	O				2.81
303.917	0.00	0.01	3.330	O				2.81
304.000	0.00	0.01	3.330	O				2.81
304.083	0.00	0.01	3.330	O				2.81
304.167	0.00	0.01	3.330	O				2.81
304.250	0.00	0.01	3.330	O				2.81
304.333	0.00	0.01	3.330	O				2.81
304.417	0.00	0.01	3.330	O				2.81
304.500	0.00	0.01	3.329	O				2.81
304.583	0.00	0.01	3.329	O				2.81
304.667	0.00	0.01	3.329	O				2.81
304.750	0.00	0.01	3.329	O				2.81
304.833	0.00	0.01	3.329	O				2.81
304.917	0.00	0.01	3.329	O				2.81
305.000	0.00	0.01	3.329	O				2.81
305.083	0.00	0.01	3.329	O				2.81
305.167	0.00	0.01	3.329	O				2.81
305.250	0.00	0.01	3.329	O				2.81
305.333	0.00	0.01	3.329	O				2.81
305.417	0.00	0.01	3.329	O				2.81
305.500	0.00	0.01	3.329	O				2.81
305.583	0.00	0.01	3.329	O				2.81
305.667	0.00	0.01	3.328	O				2.81
305.750	0.00	0.01	3.328	O				2.81
305.833	0.00	0.01	3.328	O				2.81
305.917	0.00	0.01	3.328	O				2.81
306.000	0.00	0.01	3.328	O				2.81
306.083	0.00	0.01	3.328	O				2.81
306.167	0.00	0.01	3.328	O				2.81
306.250	0.00	0.01	3.328	O				2.81
306.333	0.00	0.01	3.328	O				2.81

306.417	0.00	0.01	3.328	O	|	|	|	2.81
306.500	0.00	0.01	3.328	O	|	|	|	2.81
306.583	0.00	0.01	3.328	O	|	|	|	2.81
306.667	0.00	0.01	3.328	O	|	|	|	2.81
306.750	0.00	0.01	3.328	O	|	|	|	2.81
306.833	0.00	0.01	3.328	O	|	|	|	2.81
306.917	0.00	0.01	3.327	O	|	|	|	2.81
307.000	0.00	0.01	3.327	O	|	|	|	2.81
307.083	0.00	0.01	3.327	O	|	|	|	2.81
307.167	0.00	0.01	3.327	O	|	|	|	2.81
307.250	0.00	0.01	3.327	O	|	|	|	2.81
307.333	0.00	0.01	3.327	O	|	|	|	2.81
307.417	0.00	0.01	3.327	O	|	|	|	2.81
307.500	0.00	0.01	3.327	O	|	|	|	2.81
307.583	0.00	0.01	3.327	O	|	|	|	2.81
307.667	0.00	0.01	3.327	O	|	|	|	2.81
307.750	0.00	0.01	3.327	O	|	|	|	2.81
307.833	0.00	0.01	3.327	O	|	|	|	2.81
307.917	0.00	0.01	3.327	O	|	|	|	2.81
308.000	0.00	0.01	3.327	O	|	|	|	2.81
308.083	0.00	0.01	3.326	O	|	|	|	2.81
308.167	0.00	0.01	3.326	O	|	|	|	2.81
308.250	0.00	0.01	3.326	O	|	|	|	2.81
308.333	0.00	0.01	3.326	O	|	|	|	2.81
308.417	0.00	0.01	3.326	O	|	|	|	2.81
308.500	0.00	0.01	3.326	O	|	|	|	2.81
308.583	0.00	0.01	3.326	O	|	|	|	2.81
308.667	0.00	0.01	3.326	O	|	|	|	2.81
308.750	0.00	0.01	3.326	O	|	|	|	2.80
308.833	0.00	0.01	3.326	O	|	|	|	2.80
308.917	0.00	0.01	3.326	O	|	|	|	2.80
309.000	0.00	0.01	3.326	O	|	|	|	2.80
309.083	0.00	0.01	3.326	O	|	|	|	2.80
309.167	0.00	0.01	3.326	O	|	|	|	2.80
309.250	0.00	0.01	3.326	O	|	|	|	2.80
309.333	0.00	0.01	3.325	O	|	|	|	2.80
309.417	0.00	0.01	3.325	O	|	|	|	2.80
309.500	0.00	0.01	3.325	O	|	|	|	2.80
309.583	0.00	0.01	3.325	O	|	|	|	2.80
309.667	0.00	0.01	3.325	O	|	|	|	2.80
309.750	0.00	0.01	3.325	O	|	|	|	2.80
309.833	0.00	0.01	3.325	O	|	|	|	2.80
309.917	0.00	0.01	3.325	O	|	|	|	2.80
310.000	0.00	0.01	3.325	O	|	|	|	2.80
310.083	0.00	0.01	3.325	O	|	|	|	2.80
310.167	0.00	0.01	3.325	O	|	|	|	2.80
310.250	0.00	0.01	3.325	O	|	|	|	2.80
310.333	0.00	0.01	3.325	O	|	|	|	2.80
310.417	0.00	0.01	3.325	O	|	|	|	2.80
310.500	0.00	0.01	3.324	O	|	|	|	2.80

310.583	0.00	0.01	3.324	O				2.80
310.667	0.00	0.01	3.324	O				2.80
310.750	0.00	0.01	3.324	O				2.80
310.833	0.00	0.01	3.324	O				2.80
310.917	0.00	0.01	3.324	O				2.80
311.000	0.00	0.01	3.324	O				2.80
311.083	0.00	0.01	3.324	O				2.80
311.167	0.00	0.01	3.324	O				2.80
311.250	0.00	0.01	3.324	O				2.80
311.333	0.00	0.01	3.324	O				2.80
311.417	0.00	0.01	3.324	O				2.80
311.500	0.00	0.01	3.324	O				2.80
311.583	0.00	0.01	3.324	O				2.80
311.667	0.00	0.01	3.324	O				2.80
311.750	0.00	0.01	3.323	O				2.80
311.833	0.00	0.01	3.323	O				2.80
311.917	0.00	0.01	3.323	O				2.80
312.000	0.00	0.01	3.323	O				2.80
312.083	0.00	0.01	3.323	O				2.80
312.167	0.00	0.01	3.323	O				2.80
312.250	0.00	0.01	3.323	O				2.80
312.333	0.00	0.01	3.323	O				2.80
312.417	0.00	0.01	3.323	O				2.80
312.500	0.00	0.01	3.323	O				2.80
312.583	0.00	0.01	3.323	O				2.80
312.667	0.00	0.01	3.323	O				2.80
312.750	0.00	0.01	3.323	O				2.80
312.833	0.00	0.01	3.323	O				2.80
312.917	0.00	0.01	3.322	O				2.80
313.000	0.00	0.01	3.322	O				2.80
313.083	0.00	0.01	3.322	O				2.80
313.167	0.00	0.01	3.322	O				2.80
313.250	0.00	0.01	3.322	O				2.80
313.333	0.00	0.01	3.322	O				2.80
313.417	0.00	0.01	3.322	O				2.80
313.500	0.00	0.01	3.322	O				2.80
313.583	0.00	0.01	3.322	O				2.80
313.667	0.00	0.01	3.322	O				2.80
313.750	0.00	0.01	3.322	O				2.80
313.833	0.00	0.01	3.322	O				2.80
313.917	0.00	0.01	3.322	O				2.80
314.000	0.00	0.01	3.322	O				2.80
314.083	0.00	0.01	3.322	O				2.80
314.167	0.00	0.01	3.321	O				2.80
314.250	0.00	0.01	3.321	O				2.80
314.333	0.00	0.01	3.321	O				2.80
314.417	0.00	0.01	3.321	O				2.80
314.500	0.00	0.01	3.321	O				2.80
314.583	0.00	0.01	3.321	O				2.80
314.667	0.00	0.01	3.321	O				2.80

314.750	0.00	0.01	3.321	O				2.80
314.833	0.00	0.01	3.321	O				2.80
314.917	0.00	0.01	3.321	O				2.80
315.000	0.00	0.01	3.321	O				2.80
315.083	0.00	0.01	3.321	O				2.80
315.167	0.00	0.01	3.321	O				2.80
315.250	0.00	0.01	3.321	O				2.80
315.333	0.00	0.01	3.320	O				2.80
315.417	0.00	0.01	3.320	O				2.80
315.500	0.00	0.01	3.320	O				2.80
315.583	0.00	0.01	3.320	O				2.80
315.667	0.00	0.01	3.320	O				2.80
315.750	0.00	0.01	3.320	O				2.80
315.833	0.00	0.01	3.320	O				2.80
315.917	0.00	0.01	3.320	O				2.80
316.000	0.00	0.01	3.320	O				2.80
316.083	0.00	0.01	3.320	O				2.80
316.167	0.00	0.01	3.320	O				2.80
316.250	0.00	0.01	3.320	O				2.80
316.333	0.00	0.01	3.320	O				2.80
316.417	0.00	0.01	3.320	O				2.80
316.500	0.00	0.01	3.320	O				2.80
316.583	0.00	0.01	3.319	O				2.80
316.667	0.00	0.01	3.319	O				2.80
316.750	0.00	0.01	3.319	O				2.80
316.833	0.00	0.01	3.319	O				2.80
316.917	0.00	0.01	3.319	O				2.80
317.000	0.00	0.01	3.319	O				2.80
317.083	0.00	0.01	3.319	O				2.80
317.167	0.00	0.01	3.319	O				2.80
317.250	0.00	0.01	3.319	O				2.80
317.333	0.00	0.01	3.319	O				2.80
317.417	0.00	0.01	3.319	O				2.80
317.500	0.00	0.01	3.319	O				2.80
317.583	0.00	0.01	3.319	O				2.80
317.667	0.00	0.01	3.319	O				2.80
317.750	0.00	0.01	3.318	O				2.80
317.833	0.00	0.01	3.318	O				2.80
317.917	0.00	0.01	3.318	O				2.80
318.000	0.00	0.01	3.318	O				2.80
318.083	0.00	0.01	3.318	O				2.80
318.167	0.00	0.01	3.318	O				2.80
318.250	0.00	0.01	3.318	O				2.80
318.333	0.00	0.01	3.318	O				2.80
318.417	0.00	0.01	3.318	O				2.80
318.500	0.00	0.01	3.318	O				2.80
318.583	0.00	0.01	3.318	O				2.80
318.667	0.00	0.01	3.318	O				2.80
318.750	0.00	0.01	3.318	O				2.80
318.833	0.00	0.01	3.318	O				2.80

318.917	0.00	0.01	3.318	O				2.80
319.000	0.00	0.01	3.317	O				2.80
319.083	0.00	0.01	3.317	O				2.80
319.167	0.00	0.01	3.317	O				2.80
319.250	0.00	0.01	3.317	O				2.80
319.333	0.00	0.01	3.317	O				2.80
319.417	0.00	0.01	3.317	O				2.80
319.500	0.00	0.01	3.317	O				2.80
319.583	0.00	0.01	3.317	O				2.80
319.667	0.00	0.01	3.317	O				2.80
319.750	0.00	0.01	3.317	O				2.80
319.833	0.00	0.01	3.317	O				2.80
319.917	0.00	0.01	3.317	O				2.80
320.000	0.00	0.01	3.317	O				2.80
320.083	0.00	0.01	3.317	O				2.80
320.167	0.00	0.01	3.316	O				2.80
320.250	0.00	0.01	3.316	O				2.80
320.333	0.00	0.01	3.316	O				2.80
320.417	0.00	0.01	3.316	O				2.80
320.500	0.00	0.01	3.316	O				2.80
320.583	0.00	0.01	3.316	O				2.80
320.667	0.00	0.01	3.316	O				2.80
320.750	0.00	0.01	3.316	O				2.80
320.833	0.00	0.01	3.316	O				2.80
320.917	0.00	0.01	3.316	O				2.80
321.000	0.00	0.01	3.316	O				2.80
321.083	0.00	0.01	3.316	O				2.80
321.167	0.00	0.01	3.316	O				2.80
321.250	0.00	0.01	3.316	O				2.80
321.333	0.00	0.01	3.316	O				2.80
321.417	0.00	0.01	3.315	O				2.80
321.500	0.00	0.01	3.315	O				2.80
321.583	0.00	0.01	3.315	O				2.80
321.667	0.00	0.01	3.315	O				2.80
321.750	0.00	0.01	3.315	O				2.80
321.833	0.00	0.01	3.315	O				2.80
321.917	0.00	0.01	3.315	O				2.80
322.000	0.00	0.01	3.315	O				2.80
322.083	0.00	0.01	3.315	O				2.80
322.167	0.00	0.01	3.315	O				2.80
322.250	0.00	0.01	3.315	O				2.80
322.333	0.00	0.01	3.315	O				2.80
322.417	0.00	0.01	3.315	O				2.80
322.500	0.00	0.01	3.315	O				2.80
322.583	0.00	0.01	3.315	O				2.80
322.667	0.00	0.01	3.314	O				2.80
322.750	0.00	0.01	3.314	O				2.80
322.833	0.00	0.01	3.314	O				2.80
322.917	0.00	0.01	3.314	O				2.80
323.000	0.00	0.01	3.314	O				2.80

323.083	0.00	0.01	3.314	O				2.80
323.167	0.00	0.01	3.314	O				2.80
323.250	0.00	0.01	3.314	O				2.79
323.333	0.00	0.01	3.314	O				2.79
323.417	0.00	0.01	3.314	O				2.79
323.500	0.00	0.01	3.314	O				2.79
323.583	0.00	0.01	3.314	O				2.79
323.667	0.00	0.01	3.314	O				2.79
323.750	0.00	0.01	3.314	O				2.79
323.833	0.00	0.01	3.313	O				2.79
323.917	0.00	0.01	3.313	O				2.79
324.000	0.00	0.01	3.313	O				2.79
324.083	0.00	0.01	3.313	O				2.79
324.167	0.00	0.01	3.313	O				2.79
324.250	0.00	0.01	3.313	O				2.79
324.333	0.00	0.01	3.313	O				2.79
324.417	0.00	0.01	3.313	O				2.79
324.500	0.00	0.01	3.313	O				2.79
324.583	0.00	0.01	3.313	O				2.79
324.667	0.00	0.01	3.313	O				2.79
324.750	0.00	0.01	3.313	O				2.79
324.833	0.00	0.01	3.313	O				2.79
324.917	0.00	0.01	3.313	O				2.79
325.000	0.00	0.01	3.313	O				2.79
325.083	0.00	0.01	3.312	O				2.79
325.167	0.00	0.01	3.312	O				2.79
325.250	0.00	0.01	3.312	O				2.79
325.333	0.00	0.01	3.312	O				2.79
325.417	0.00	0.01	3.312	O				2.79
325.500	0.00	0.01	3.312	O				2.79
325.583	0.00	0.01	3.312	O				2.79
325.667	0.00	0.01	3.312	O				2.79
325.750	0.00	0.01	3.312	O				2.79
325.833	0.00	0.01	3.312	O				2.79
325.917	0.00	0.01	3.312	O				2.79
326.000	0.00	0.01	3.312	O				2.79
326.083	0.00	0.01	3.312	O				2.79
326.167	0.00	0.01	3.312	O				2.79
326.250	0.00	0.01	3.311	O				2.79
326.333	0.00	0.01	3.311	O				2.79
326.417	0.00	0.01	3.311	O				2.79
326.500	0.00	0.01	3.311	O				2.79
326.583	0.00	0.01	3.311	O				2.79
326.667	0.00	0.01	3.311	O				2.79
326.750	0.00	0.01	3.311	O				2.79
326.833	0.00	0.01	3.311	O				2.79
326.917	0.00	0.01	3.311	O				2.79
327.000	0.00	0.01	3.311	O				2.79
327.083	0.00	0.01	3.311	O				2.79
327.167	0.00	0.01	3.311	O				2.79

327.250	0.00	0.01	3.311	O				2.79
327.333	0.00	0.01	3.311	O				2.79
327.417	0.00	0.01	3.311	O				2.79
327.500	0.00	0.01	3.310	O				2.79
327.583	0.00	0.01	3.310	O				2.79
327.667	0.00	0.01	3.310	O				2.79
327.750	0.00	0.01	3.310	O				2.79
327.833	0.00	0.01	3.310	O				2.79
327.917	0.00	0.01	3.310	O				2.79
328.000	0.00	0.01	3.310	O				2.79
328.083	0.00	0.01	3.310	O				2.79
328.167	0.00	0.01	3.310	O				2.79
328.250	0.00	0.01	3.310	O				2.79
328.333	0.00	0.01	3.310	O				2.79
328.417	0.00	0.01	3.310	O				2.79
328.500	0.00	0.01	3.310	O				2.79
328.583	0.00	0.01	3.310	O				2.79
328.667	0.00	0.01	3.309	O				2.79
328.750	0.00	0.01	3.309	O				2.79
328.833	0.00	0.01	3.309	O				2.79
328.917	0.00	0.01	3.309	O				2.79
329.000	0.00	0.01	3.309	O				2.79
329.083	0.00	0.01	3.309	O				2.79
329.167	0.00	0.01	3.309	O				2.79
329.250	0.00	0.01	3.309	O				2.79
329.333	0.00	0.01	3.309	O				2.79
329.417	0.00	0.01	3.309	O				2.79
329.500	0.00	0.01	3.309	O				2.79
329.583	0.00	0.01	3.309	O				2.79
329.667	0.00	0.01	3.309	O				2.79
329.750	0.00	0.01	3.309	O				2.79
329.833	0.00	0.01	3.309	O				2.79
329.917	0.00	0.01	3.308	O				2.79
330.000	0.00	0.01	3.308	O				2.79
330.083	0.00	0.01	3.308	O				2.79
330.167	0.00	0.01	3.308	O				2.79
330.250	0.00	0.01	3.308	O				2.79
330.333	0.00	0.01	3.308	O				2.79
330.417	0.00	0.01	3.308	O				2.79
330.500	0.00	0.01	3.308	O				2.79
330.583	0.00	0.01	3.308	O				2.79
330.667	0.00	0.01	3.308	O				2.79
330.750	0.00	0.01	3.308	O				2.79
330.833	0.00	0.01	3.308	O				2.79
330.917	0.00	0.01	3.308	O				2.79
331.000	0.00	0.01	3.308	O				2.79
331.083	0.00	0.01	3.307	O				2.79
331.167	0.00	0.01	3.307	O				2.79
331.250	0.00	0.01	3.307	O				2.79
331.333	0.00	0.01	3.307	O				2.79

331.417	0.00	0.01	3.307	O				2.79
331.500	0.00	0.01	3.307	O				2.79
331.583	0.00	0.01	3.307	O				2.79
331.667	0.00	0.01	3.307	O				2.79
331.750	0.00	0.01	3.307	O				2.79
331.833	0.00	0.01	3.307	O				2.79
331.917	0.00	0.01	3.307	O				2.79
332.000	0.00	0.01	3.307	O				2.79
332.083	0.00	0.01	3.307	O				2.79
332.167	0.00	0.01	3.307	O				2.79
332.250	0.00	0.01	3.307	O				2.79
332.333	0.00	0.01	3.306	O				2.79
332.417	0.00	0.01	3.306	O				2.79
332.500	0.00	0.01	3.306	O				2.79
332.583	0.00	0.01	3.306	O				2.79
332.667	0.00	0.01	3.306	O				2.79
332.750	0.00	0.01	3.306	O				2.79
332.833	0.00	0.01	3.306	O				2.79
332.917	0.00	0.01	3.306	O				2.79
333.000	0.00	0.01	3.306	O				2.79
333.083	0.00	0.01	3.306	O				2.79
333.167	0.00	0.01	3.306	O				2.79
333.250	0.00	0.01	3.306	O				2.79
333.333	0.00	0.01	3.306	O				2.79
333.417	0.00	0.01	3.306	O				2.79
333.500	0.00	0.01	3.305	O				2.79
333.583	0.00	0.01	3.305	O				2.79
333.667	0.00	0.01	3.305	O				2.79
333.750	0.00	0.01	3.305	O				2.79
333.833	0.00	0.01	3.305	O				2.79
333.917	0.00	0.01	3.305	O				2.79
334.000	0.00	0.01	3.305	O				2.79
334.083	0.00	0.01	3.305	O				2.79
334.167	0.00	0.01	3.305	O				2.79
334.250	0.00	0.01	3.305	O				2.79
334.333	0.00	0.01	3.305	O				2.79
334.417	0.00	0.01	3.305	O				2.79
334.500	0.00	0.01	3.305	O				2.79
334.583	0.00	0.01	3.305	O				2.79
334.667	0.00	0.01	3.305	O				2.79
334.750	0.00	0.01	3.304	O				2.79
334.833	0.00	0.01	3.304	O				2.79
334.917	0.00	0.01	3.304	O				2.79
335.000	0.00	0.01	3.304	O				2.79
335.083	0.00	0.01	3.304	O				2.79
335.167	0.00	0.01	3.304	O				2.79
335.250	0.00	0.01	3.304	O				2.79
335.333	0.00	0.01	3.304	O				2.79
335.417	0.00	0.01	3.304	O				2.79
335.500	0.00	0.01	3.304	O				2.79

335.583	0.00	0.01	3.304	O				2.79
335.667	0.00	0.01	3.304	O				2.79
335.750	0.00	0.01	3.304	O				2.79
335.833	0.00	0.01	3.304	O				2.79
335.917	0.00	0.01	3.303	O				2.79
336.000	0.00	0.01	3.303	O				2.79
336.083	0.00	0.01	3.303	O				2.79
336.167	0.00	0.01	3.303	O				2.79
336.250	0.00	0.01	3.303	O				2.79
336.333	0.00	0.01	3.303	O				2.79
336.417	0.00	0.01	3.303	O				2.79
336.500	0.00	0.01	3.303	O				2.79
336.583	0.00	0.01	3.303	O				2.79
336.667	0.00	0.01	3.303	O				2.79
336.750	0.00	0.01	3.303	O				2.79
336.833	0.00	0.01	3.303	O				2.79
336.917	0.00	0.01	3.303	O				2.79
337.000	0.00	0.01	3.303	O				2.79
337.083	0.00	0.01	3.303	O				2.79
337.167	0.00	0.01	3.302	O				2.79
337.250	0.00	0.01	3.302	O				2.79
337.333	0.00	0.01	3.302	O				2.79
337.417	0.00	0.01	3.302	O				2.79
337.500	0.00	0.01	3.302	O				2.79
337.583	0.00	0.01	3.302	O				2.79
337.667	0.00	0.01	3.302	O				2.79
337.750	0.00	0.01	3.302	O				2.78
337.833	0.00	0.01	3.302	O				2.78
337.917	0.00	0.01	3.302	O				2.78
338.000	0.00	0.01	3.302	O				2.78
338.083	0.00	0.01	3.302	O				2.78
338.167	0.00	0.01	3.302	O				2.78
338.250	0.00	0.01	3.302	O				2.78
338.333	0.00	0.01	3.301	O				2.78
338.417	0.00	0.01	3.301	O				2.78
338.500	0.00	0.01	3.301	O				2.78
338.583	0.00	0.01	3.301	O				2.78
338.667	0.00	0.01	3.301	O				2.78
338.750	0.00	0.01	3.301	O				2.78
338.833	0.00	0.01	3.301	O				2.78
338.917	0.00	0.01	3.301	O				2.78
339.000	0.00	0.01	3.301	O				2.78
339.083	0.00	0.01	3.301	O				2.78
339.167	0.00	0.01	3.301	O				2.78
339.250	0.00	0.01	3.301	O				2.78
339.333	0.00	0.01	3.301	O				2.78
339.417	0.00	0.01	3.301	O				2.78
339.500	0.00	0.01	3.301	O				2.78
339.583	0.00	0.01	3.300	O				2.78
339.667	0.00	0.01	3.300	O				2.78

339.750	0.00	0.01	3.300	O				2.78
339.833	0.00	0.01	3.300	O				2.78
339.917	0.00	0.01	3.300	O				2.78
340.000	0.00	0.01	3.300	O				2.78
340.083	0.00	0.01	3.300	O				2.78
340.167	0.00	0.01	3.300	O				2.78
340.250	0.00	0.01	3.300	O				2.78
340.333	0.00	0.01	3.300	O				2.78
340.417	0.00	0.01	3.300	O				2.78
340.500	0.00	0.01	3.300	O				2.78
340.583	0.00	0.01	3.300	O				2.78
340.667	0.00	0.01	3.300	O				2.78
340.750	0.00	0.01	3.299	O				2.78
340.833	0.00	0.01	3.299	O				2.78
340.917	0.00	0.01	3.299	O				2.78
341.000	0.00	0.01	3.299	O				2.78
341.083	0.00	0.01	3.299	O				2.78
341.167	0.00	0.01	3.299	O				2.78
341.250	0.00	0.01	3.299	O				2.78
341.333	0.00	0.01	3.299	O				2.78
341.417	0.00	0.01	3.299	O				2.78
341.500	0.00	0.01	3.299	O				2.78
341.583	0.00	0.01	3.299	O				2.78
341.667	0.00	0.01	3.299	O				2.78
341.750	0.00	0.01	3.299	O				2.78
341.833	0.00	0.01	3.299	O				2.78
341.917	0.00	0.01	3.299	O				2.78
342.000	0.00	0.01	3.298	O				2.78
342.083	0.00	0.01	3.298	O				2.78
342.167	0.00	0.01	3.298	O				2.78
342.250	0.00	0.01	3.298	O				2.78
342.333	0.00	0.01	3.298	O				2.78
342.417	0.00	0.01	3.298	O				2.78
342.500	0.00	0.01	3.298	O				2.78
342.583	0.00	0.01	3.298	O				2.78
342.667	0.00	0.01	3.298	O				2.78
342.750	0.00	0.01	3.298	O				2.78
342.833	0.00	0.01	3.298	O				2.78
342.917	0.00	0.01	3.298	O				2.78
343.000	0.00	0.01	3.298	O				2.78
343.083	0.00	0.01	3.298	O				2.78
343.167	0.00	0.01	3.297	O				2.78
343.250	0.00	0.01	3.297	O				2.78
343.333	0.00	0.01	3.297	O				2.78
343.417	0.00	0.01	3.297	O				2.78
343.500	0.00	0.01	3.297	O				2.78
343.583	0.00	0.01	3.297	O				2.78
343.667	0.00	0.01	3.297	O				2.78
343.750	0.00	0.01	3.297	O				2.78
343.833	0.00	0.01	3.297	O				2.78

343.917	0.00	0.01	3.297	O					2.78
344.000	0.00	0.01	3.297	O					2.78
344.083	0.00	0.01	3.297	O					2.78
344.167	0.00	0.01	3.297	O					2.78
344.250	0.00	0.01	3.297	O					2.78
344.333	0.00	0.01	3.297	O					2.78
344.417	0.00	0.01	3.296	O					2.78
344.500	0.00	0.01	3.296	O					2.78
344.583	0.00	0.01	3.296	O					2.78
344.667	0.00	0.01	3.296	O					2.78
344.750	0.00	0.01	3.296	O					2.78
344.833	0.00	0.01	3.296	O					2.78
344.917	0.00	0.01	3.296	O					2.78
345.000	0.00	0.01	3.296	O					2.78
345.083	0.00	0.01	3.296	O					2.78
345.167	0.00	0.01	3.296	O					2.78
345.250	0.00	0.01	3.296	O					2.78
345.333	0.00	0.01	3.296	O					2.78
345.417	0.00	0.01	3.296	O					2.78
345.500	0.00	0.01	3.296	O					2.78
345.583	0.00	0.01	3.295	O					2.78
345.667	0.00	0.01	3.295	O					2.78
345.750	0.00	0.01	3.295	O					2.78
345.833	0.00	0.01	3.295	O					2.78
345.917	0.00	0.01	3.295	O					2.78
346.000	0.00	0.01	3.295	O					2.78
346.083	0.00	0.01	3.295	O					2.78
346.167	0.00	0.01	3.295	O					2.78
346.250	0.00	0.01	3.295	O					2.78
346.333	0.00	0.01	3.295	O					2.78
346.417	0.00	0.01	3.295	O					2.78
346.500	0.00	0.01	3.295	O					2.78
346.583	0.00	0.01	3.295	O					2.78
346.667	0.00	0.01	3.295	O					2.78
346.750	0.00	0.01	3.295	O					2.78
346.833	0.00	0.01	3.294	O					2.78
346.917	0.00	0.01	3.294	O					2.78
347.000	0.00	0.01	3.294	O					2.78
347.083	0.00	0.01	3.294	O					2.78
347.167	0.00	0.01	3.294	O					2.78
347.250	0.00	0.01	3.294	O					2.78
347.333	0.00	0.01	3.294	O					2.78
347.417	0.00	0.01	3.294	O					2.78
347.500	0.00	0.01	3.294	O					2.78
347.583	0.00	0.01	3.294	O					2.78
347.667	0.00	0.01	3.294	O					2.78
347.750	0.00	0.01	3.294	O					2.78
347.833	0.00	0.01	3.294	O					2.78
347.917	0.00	0.01	3.294	O					2.78
348.000	0.00	0.01	3.293	O					2.78

348.083	0.00	0.01	3.293	O					2.78
348.167	0.00	0.01	3.293	O					2.78
348.250	0.00	0.01	3.293	O					2.78
348.333	0.00	0.01	3.293	O					2.78
348.417	0.00	0.01	3.293	O					2.78
348.500	0.00	0.01	3.293	O					2.78
348.583	0.00	0.01	3.293	O					2.78
348.667	0.00	0.01	3.293	O					2.78
348.750	0.00	0.01	3.293	O					2.78
348.833	0.00	0.01	3.293	O					2.78
348.917	0.00	0.01	3.293	O					2.78
349.000	0.00	0.01	3.293	O					2.78
349.083	0.00	0.01	3.293	O					2.78
349.167	0.00	0.01	3.293	O					2.78
349.250	0.00	0.01	3.292	O					2.78
349.333	0.00	0.01	3.292	O					2.78
349.417	0.00	0.01	3.292	O					2.78
349.500	0.00	0.01	3.292	O					2.78
349.583	0.00	0.01	3.292	O					2.78
349.667	0.00	0.01	3.292	O					2.78
349.750	0.00	0.01	3.292	O					2.78
349.833	0.00	0.01	3.292	O					2.78
349.917	0.00	0.01	3.292	O					2.78
350.000	0.00	0.01	3.292	O					2.78
350.083	0.00	0.01	3.292	O					2.78
350.167	0.00	0.01	3.292	O					2.78
350.250	0.00	0.01	3.292	O					2.78
350.333	0.00	0.01	3.292	O					2.78
350.417	0.00	0.01	3.291	O					2.78
350.500	0.00	0.01	3.291	O					2.78
350.583	0.00	0.01	3.291	O					2.78
350.667	0.00	0.01	3.291	O					2.78
350.750	0.00	0.01	3.291	O					2.78
350.833	0.00	0.01	3.291	O					2.78
350.917	0.00	0.01	3.291	O					2.78
351.000	0.00	0.01	3.291	O					2.78
351.083	0.00	0.01	3.291	O					2.78
351.167	0.00	0.01	3.291	O					2.78
351.250	0.00	0.01	3.291	O					2.78
351.333	0.00	0.01	3.291	O					2.78
351.417	0.00	0.01	3.291	O					2.78
351.500	0.00	0.01	3.291	O					2.78
351.583	0.00	0.01	3.291	O					2.78
351.667	0.00	0.01	3.290	O					2.78
351.750	0.00	0.01	3.290	O					2.78
351.833	0.00	0.01	3.290	O					2.78
351.917	0.00	0.01	3.290	O					2.78
352.000	0.00	0.01	3.290	O					2.78
352.083	0.00	0.01	3.290	O					2.78
352.167	0.00	0.01	3.290	O					2.78

352.250	0.00	0.01	3.290	O				2.77
352.333	0.00	0.01	3.290	O				2.77
352.417	0.00	0.01	3.290	O				2.77
352.500	0.00	0.01	3.290	O				2.77
352.583	0.00	0.01	3.290	O				2.77
352.667	0.00	0.01	3.290	O				2.77
352.750	0.00	0.01	3.290	O				2.77
352.833	0.00	0.01	3.290	O				2.77
352.917	0.00	0.01	3.289	O				2.77
353.000	0.00	0.01	3.289	O				2.77
353.083	0.00	0.01	3.289	O				2.77
353.167	0.00	0.01	3.289	O				2.77
353.250	0.00	0.01	3.289	O				2.77
353.333	0.00	0.01	3.289	O				2.77
353.417	0.00	0.01	3.289	O				2.77
353.500	0.00	0.01	3.289	O				2.77
353.583	0.00	0.01	3.289	O				2.77
353.667	0.00	0.01	3.289	O				2.77
353.750	0.00	0.01	3.289	O				2.77
353.833	0.00	0.01	3.289	O				2.77
353.917	0.00	0.01	3.289	O				2.77
354.000	0.00	0.01	3.289	O				2.77
354.083	0.00	0.01	3.288	O				2.77
354.167	0.00	0.01	3.288	O				2.77
354.250	0.00	0.01	3.288	O				2.77
354.333	0.00	0.01	3.288	O				2.77
354.417	0.00	0.01	3.288	O				2.77
354.500	0.00	0.01	3.288	O				2.77
354.583	0.00	0.01	3.288	O				2.77
354.667	0.00	0.01	3.288	O				2.77
354.750	0.00	0.01	3.288	O				2.77
354.833	0.00	0.01	3.288	O				2.77
354.917	0.00	0.01	3.288	O				2.77
355.000	0.00	0.01	3.288	O				2.77
355.083	0.00	0.01	3.288	O				2.77
355.167	0.00	0.01	3.288	O				2.77
355.250	0.00	0.01	3.288	O				2.77
355.333	0.00	0.01	3.287	O				2.77
355.417	0.00	0.01	3.287	O				2.77
355.500	0.00	0.01	3.287	O				2.77
355.583	0.00	0.01	3.287	O				2.77
355.667	0.00	0.01	3.287	O				2.77
355.750	0.00	0.01	3.287	O				2.77
355.833	0.00	0.01	3.287	O				2.77
355.917	0.00	0.01	3.287	O				2.77
356.000	0.00	0.01	3.287	O				2.77
356.083	0.00	0.01	3.287	O				2.77
356.167	0.00	0.01	3.287	O				2.77
356.250	0.00	0.01	3.287	O				2.77
356.333	0.00	0.01	3.287	O				2.77

356.417	0.00	0.01	3.287	O					2.77
356.500	0.00	0.01	3.286	O					2.77
356.583	0.00	0.01	3.286	O					2.77
356.667	0.00	0.01	3.286	O					2.77
356.750	0.00	0.01	3.286	O					2.77
356.833	0.00	0.01	3.286	O					2.77
356.917	0.00	0.01	3.286	O					2.77
357.000	0.00	0.01	3.286	O					2.77
357.083	0.00	0.01	3.286	O					2.77
357.167	0.00	0.01	3.286	O					2.77
357.250	0.00	0.01	3.286	O					2.77
357.333	0.00	0.01	3.286	O					2.77
357.417	0.00	0.01	3.286	O					2.77
357.500	0.00	0.01	3.286	O					2.77
357.583	0.00	0.01	3.286	O					2.77
357.667	0.00	0.01	3.286	O					2.77
357.750	0.00	0.01	3.285	O					2.77
357.833	0.00	0.01	3.285	O					2.77
357.917	0.00	0.01	3.285	O					2.77
358.000	0.00	0.01	3.285	O					2.77
358.083	0.00	0.01	3.285	O					2.77
358.167	0.00	0.01	3.285	O					2.77
358.250	0.00	0.01	3.285	O					2.77
358.333	0.00	0.01	3.285	O					2.77
358.417	0.00	0.01	3.285	O					2.77
358.500	0.00	0.01	3.285	O					2.77
358.583	0.00	0.01	3.285	O					2.77
358.667	0.00	0.01	3.285	O					2.77
358.750	0.00	0.01	3.285	O					2.77
358.833	0.00	0.01	3.285	O					2.77
358.917	0.00	0.01	3.284	O					2.77
359.000	0.00	0.01	3.284	O					2.77
359.083	0.00	0.01	3.284	O					2.77
359.167	0.00	0.01	3.284	O					2.77
359.250	0.00	0.01	3.284	O					2.77
359.333	0.00	0.01	3.284	O					2.77
359.417	0.00	0.01	3.284	O					2.77
359.500	0.00	0.01	3.284	O					2.77
359.583	0.00	0.01	3.284	O					2.77
359.667	0.00	0.01	3.284	O					2.77
359.750	0.00	0.01	3.284	O					2.77
359.833	0.00	0.01	3.284	O					2.77
359.917	0.00	0.01	3.284	O					2.77
360.000	0.00	0.01	3.284	O					2.77
360.083	0.00	0.01	3.284	O					2.77
360.167	0.00	0.01	3.283	O					2.77
360.250	0.00	0.01	3.283	O					2.77
360.333	0.00	0.01	3.283	O					2.77
360.417	0.00	0.01	3.283	O					2.77
360.500	0.00	0.01	3.283	O					2.77

360.583	0.00	0.01	3.283	O				2.77
360.667	0.00	0.01	3.283	O				2.77
360.750	0.00	0.01	3.283	O				2.77
360.833	0.00	0.01	3.283	O				2.77
360.917	0.00	0.01	3.283	O				2.77
361.000	0.00	0.01	3.283	O				2.77
361.083	0.00	0.01	3.283	O				2.77
361.167	0.00	0.01	3.283	O				2.77
361.250	0.00	0.01	3.283	O				2.77
361.333	0.00	0.01	3.282	O				2.77
361.417	0.00	0.01	3.282	O				2.77
361.500	0.00	0.01	3.282	O				2.77
361.583	0.00	0.01	3.282	O				2.77
361.667	0.00	0.01	3.282	O				2.77
361.750	0.00	0.01	3.282	O				2.77
361.833	0.00	0.01	3.282	O				2.77
361.917	0.00	0.01	3.282	O				2.77
362.000	0.00	0.01	3.282	O				2.77
362.083	0.00	0.01	3.282	O				2.77
362.167	0.00	0.01	3.282	O				2.77
362.250	0.00	0.01	3.282	O				2.77
362.333	0.00	0.01	3.282	O				2.77
362.417	0.00	0.01	3.282	O				2.77
362.500	0.00	0.01	3.282	O				2.77
362.583	0.00	0.01	3.281	O				2.77
362.667	0.00	0.01	3.281	O				2.77
362.750	0.00	0.01	3.281	O				2.77
362.833	0.00	0.01	3.281	O				2.77
362.917	0.00	0.01	3.281	O				2.77
363.000	0.00	0.01	3.281	O				2.77
363.083	0.00	0.01	3.281	O				2.77
363.167	0.00	0.01	3.281	O				2.77
363.250	0.00	0.01	3.281	O				2.77
363.333	0.00	0.01	3.281	O				2.77
363.417	0.00	0.01	3.281	O				2.77
363.500	0.00	0.01	3.281	O				2.77
363.583	0.00	0.01	3.281	O				2.77
363.667	0.00	0.01	3.281	O				2.77
363.750	0.00	0.01	3.280	O				2.77
363.833	0.00	0.01	3.280	O				2.77
363.917	0.00	0.01	3.280	O				2.77
364.000	0.00	0.01	3.280	O				2.77
364.083	0.00	0.01	3.280	O				2.77
364.167	0.00	0.01	3.280	O				2.77
364.250	0.00	0.01	3.280	O				2.77
364.333	0.00	0.01	3.280	O				2.77
364.417	0.00	0.01	3.280	O				2.77
364.500	0.00	0.01	3.280	O				2.77
364.583	0.00	0.01	3.280	O				2.77
364.667	0.00	0.01	3.280	O				2.77

364.750	0.00	0.01	3.280	O				2.77
364.833	0.00	0.01	3.280	O				2.77
364.917	0.00	0.01	3.280	O				2.77
365.000	0.00	0.01	3.279	O				2.77
365.083	0.00	0.01	3.279	O				2.77
365.167	0.00	0.01	3.279	O				2.77
365.250	0.00	0.01	3.279	O				2.77
365.333	0.00	0.01	3.279	O				2.77
365.417	0.00	0.01	3.279	O				2.77
365.500	0.00	0.01	3.279	O				2.77
365.583	0.00	0.01	3.279	O				2.77
365.667	0.00	0.01	3.279	O				2.77
365.750	0.00	0.01	3.279	O				2.77
365.833	0.00	0.01	3.279	O				2.77
365.917	0.00	0.01	3.279	O				2.77
366.000	0.00	0.01	3.279	O				2.77
366.083	0.00	0.01	3.279	O				2.77
366.167	0.00	0.01	3.278	O				2.77
366.250	0.00	0.01	3.278	O				2.77
366.333	0.00	0.01	3.278	O				2.77
366.417	0.00	0.01	3.278	O				2.77
366.500	0.00	0.01	3.278	O				2.77
366.583	0.00	0.01	3.278	O				2.77
366.667	0.00	0.01	3.278	O				2.77
366.750	0.00	0.01	3.278	O				2.77
366.833	0.00	0.01	3.278	O				2.76
366.917	0.00	0.01	3.278	O				2.76
367.000	0.00	0.01	3.278	O				2.76
367.083	0.00	0.01	3.278	O				2.76
367.167	0.00	0.01	3.278	O				2.76
367.250	0.00	0.01	3.278	O				2.76
367.333	0.00	0.01	3.278	O				2.76
367.417	0.00	0.01	3.277	O				2.76
367.500	0.00	0.01	3.277	O				2.76
367.583	0.00	0.01	3.277	O				2.76
367.667	0.00	0.01	3.277	O				2.76
367.750	0.00	0.01	3.277	O				2.76
367.833	0.00	0.01	3.277	O				2.76
367.917	0.00	0.01	3.277	O				2.76
368.000	0.00	0.01	3.277	O				2.76
368.083	0.00	0.01	3.277	O				2.76
368.167	0.00	0.01	3.277	O				2.76
368.250	0.00	0.01	3.277	O				2.76
368.333	0.00	0.01	3.277	O				2.76
368.417	0.00	0.01	3.277	O				2.76
368.500	0.00	0.01	3.277	O				2.76
368.583	0.00	0.01	3.276	O				2.76
368.667	0.00	0.01	3.276	O				2.76
368.750	0.00	0.01	3.276	O				2.76
368.833	0.00	0.01	3.276	O				2.76

368.917	0.00	0.01	3.276	O				2.76
369.000	0.00	0.01	3.276	O				2.76
369.083	0.00	0.01	3.276	O				2.76
369.167	0.00	0.01	3.276	O				2.76
369.250	0.00	0.01	3.276	O				2.76
369.333	0.00	0.01	3.276	O				2.76
369.417	0.00	0.01	3.276	O				2.76
369.500	0.00	0.01	3.276	O				2.76
369.583	0.00	0.01	3.276	O				2.76
369.667	0.00	0.01	3.276	O				2.76
369.750	0.00	0.01	3.276	O				2.76
369.833	0.00	0.01	3.275	O				2.76
369.917	0.00	0.01	3.275	O				2.76
370.000	0.00	0.01	3.275	O				2.76
370.083	0.00	0.01	3.275	O				2.76
370.167	0.00	0.01	3.275	O				2.76
370.250	0.00	0.01	3.275	O				2.76
370.333	0.00	0.01	3.275	O				2.76
370.417	0.00	0.01	3.275	O				2.76
370.500	0.00	0.01	3.275	O				2.76
370.583	0.00	0.01	3.275	O				2.76
370.667	0.00	0.01	3.275	O				2.76
370.750	0.00	0.01	3.275	O				2.76
370.833	0.00	0.01	3.275	O				2.76
370.917	0.00	0.01	3.275	O				2.76
371.000	0.00	0.01	3.274	O				2.76
371.083	0.00	0.01	3.274	O				2.76
371.167	0.00	0.01	3.274	O				2.76
371.250	0.00	0.01	3.274	O				2.76
371.333	0.00	0.01	3.274	O				2.76
371.417	0.00	0.01	3.274	O				2.76
371.500	0.00	0.01	3.274	O				2.76
371.583	0.00	0.01	3.274	O				2.76
371.667	0.00	0.01	3.274	O				2.76
371.750	0.00	0.01	3.274	O				2.76
371.833	0.00	0.01	3.274	O				2.76
371.917	0.00	0.01	3.274	O				2.76
372.000	0.00	0.01	3.274	O				2.76
372.083	0.00	0.01	3.274	O				2.76
372.167	0.00	0.01	3.274	O				2.76
372.250	0.00	0.01	3.273	O				2.76
372.333	0.00	0.01	3.273	O				2.76
372.417	0.00	0.01	3.273	O				2.76
372.500	0.00	0.01	3.273	O				2.76
372.583	0.00	0.01	3.273	O				2.76
372.667	0.00	0.01	3.273	O				2.76
372.750	0.00	0.01	3.273	O				2.76
372.833	0.00	0.01	3.273	O				2.76
372.917	0.00	0.01	3.273	O				2.76
373.000	0.00	0.01	3.273	O				2.76

373.083	0.00	0.01	3.273	O				2.76
373.167	0.00	0.01	3.273	O				2.76
373.250	0.00	0.01	3.273	O				2.76
373.333	0.00	0.01	3.273	O				2.76
373.417	0.00	0.01	3.272	O				2.76
373.500	0.00	0.01	3.272	O				2.76
373.583	0.00	0.01	3.272	O				2.76
373.667	0.00	0.01	3.272	O				2.76
373.750	0.00	0.01	3.272	O				2.76
373.833	0.00	0.01	3.272	O				2.76
373.917	0.00	0.01	3.272	O				2.76
374.000	0.00	0.01	3.272	O				2.76
374.083	0.00	0.01	3.272	O				2.76
374.167	0.00	0.01	3.272	O				2.76
374.250	0.00	0.01	3.272	O				2.76
374.333	0.00	0.01	3.272	O				2.76
374.417	0.00	0.01	3.272	O				2.76
374.500	0.00	0.01	3.272	O				2.76
374.583	0.00	0.01	3.272	O				2.76
374.667	0.00	0.01	3.271	O				2.76
374.750	0.00	0.01	3.271	O				2.76
374.833	0.00	0.01	3.271	O				2.76
374.917	0.00	0.01	3.271	O				2.76
375.000	0.00	0.01	3.271	O				2.76
375.083	0.00	0.01	3.271	O				2.76
375.167	0.00	0.01	3.271	O				2.76
375.250	0.00	0.01	3.271	O				2.76
375.333	0.00	0.01	3.271	O				2.76
375.417	0.00	0.01	3.271	O				2.76
375.500	0.00	0.01	3.271	O				2.76
375.583	0.00	0.01	3.271	O				2.76
375.667	0.00	0.01	3.271	O				2.76
375.750	0.00	0.01	3.271	O				2.76
375.833	0.00	0.01	3.270	O				2.76
375.917	0.00	0.01	3.270	O				2.76
376.000	0.00	0.01	3.270	O				2.76
376.083	0.00	0.01	3.270	O				2.76
376.167	0.00	0.01	3.270	O				2.76
376.250	0.00	0.01	3.270	O				2.76
376.333	0.00	0.01	3.270	O				2.76
376.417	0.00	0.01	3.270	O				2.76
376.500	0.00	0.01	3.270	O				2.76
376.583	0.00	0.01	3.270	O				2.76
376.667	0.00	0.01	3.270	O				2.76
376.750	0.00	0.01	3.270	O				2.76
376.833	0.00	0.01	3.270	O				2.76
376.917	0.00	0.01	3.270	O				2.76
377.000	0.00	0.01	3.270	O				2.76
377.083	0.00	0.01	3.269	O				2.76
377.167	0.00	0.01	3.269	O				2.76

377.250	0.00	0.01	3.269	O				2.76
377.333	0.00	0.01	3.269	O				2.76
377.417	0.00	0.01	3.269	O				2.76
377.500	0.00	0.01	3.269	O				2.76
377.583	0.00	0.01	3.269	O				2.76
377.667	0.00	0.01	3.269	O				2.76
377.750	0.00	0.01	3.269	O				2.76
377.833	0.00	0.01	3.269	O				2.76
377.917	0.00	0.01	3.269	O				2.76
378.000	0.00	0.01	3.269	O				2.76
378.083	0.00	0.01	3.269	O				2.76
378.167	0.00	0.01	3.269	O				2.76
378.250	0.00	0.01	3.268	O				2.76
378.333	0.00	0.01	3.268	O				2.76
378.417	0.00	0.01	3.268	O				2.76
378.500	0.00	0.01	3.268	O				2.76
378.583	0.00	0.01	3.268	O				2.76
378.667	0.00	0.01	3.268	O				2.76
378.750	0.00	0.01	3.268	O				2.76
378.833	0.00	0.01	3.268	O				2.76
378.917	0.00	0.01	3.268	O				2.76
379.000	0.00	0.01	3.268	O				2.76
379.083	0.00	0.01	3.268	O				2.76
379.167	0.00	0.01	3.268	O				2.76
379.250	0.00	0.01	3.268	O				2.76
379.333	0.00	0.01	3.268	O				2.76
379.417	0.00	0.01	3.268	O				2.76
379.500	0.00	0.01	3.267	O				2.76
379.583	0.00	0.01	3.267	O				2.76
379.667	0.00	0.01	3.267	O				2.76
379.750	0.00	0.01	3.267	O				2.76
379.833	0.00	0.01	3.267	O				2.76
379.917	0.00	0.01	3.267	O				2.76
380.000	0.00	0.01	3.267	O				2.76
380.083	0.00	0.01	3.267	O				2.76
380.167	0.00	0.01	3.267	O				2.76
380.250	0.00	0.01	3.267	O				2.76
380.333	0.00	0.01	3.267	O				2.76
380.417	0.00	0.01	3.267	O				2.76
380.500	0.00	0.01	3.267	O				2.76
380.583	0.00	0.01	3.267	O				2.76
380.667	0.00	0.01	3.266	O				2.76
380.750	0.00	0.01	3.266	O				2.76
380.833	0.00	0.01	3.266	O				2.76
380.917	0.00	0.01	3.266	O				2.76
381.000	0.00	0.01	3.266	O				2.76
381.083	0.00	0.01	3.266	O				2.76
381.167	0.00	0.01	3.266	O				2.76
381.250	0.00	0.01	3.266	O				2.76
381.333	0.00	0.01	3.266	O				2.75

381.417	0.00	0.01	3.266	O				2.75
381.500	0.00	0.01	3.266	O				2.75
381.583	0.00	0.01	3.266	O				2.75
381.667	0.00	0.01	3.266	O				2.75
381.750	0.00	0.01	3.266	O				2.75
381.833	0.00	0.01	3.266	O				2.75
381.917	0.00	0.01	3.265	O				2.75
382.000	0.00	0.01	3.265	O				2.75
382.083	0.00	0.01	3.265	O				2.75
382.167	0.00	0.01	3.265	O				2.75
382.250	0.00	0.01	3.265	O				2.75
382.333	0.00	0.01	3.265	O				2.75
382.417	0.00	0.01	3.265	O				2.75
382.500	0.00	0.01	3.265	O				2.75
382.583	0.00	0.01	3.265	O				2.75
382.667	0.00	0.01	3.265	O				2.75
382.750	0.00	0.01	3.265	O				2.75
382.833	0.00	0.01	3.265	O				2.75
382.917	0.00	0.01	3.265	O				2.75
383.000	0.00	0.01	3.265	O				2.75
383.083	0.00	0.01	3.265	O				2.75
383.167	0.00	0.01	3.264	O				2.75
383.250	0.00	0.01	3.264	O				2.75
383.333	0.00	0.01	3.264	O				2.75
383.417	0.00	0.01	3.264	O				2.75
383.500	0.00	0.01	3.264	O				2.75
383.583	0.00	0.01	3.264	O				2.75
383.667	0.00	0.01	3.264	O				2.75
383.750	0.00	0.01	3.264	O				2.75
383.833	0.00	0.01	3.264	O				2.75
383.917	0.00	0.01	3.264	O				2.75
384.000	0.00	0.01	3.264	O				2.75
384.083	0.00	0.01	3.264	O				2.75
384.167	0.00	0.01	3.264	O				2.75
384.250	0.00	0.01	3.264	O				2.75
384.333	0.00	0.01	3.263	O				2.75
384.417	0.00	0.01	3.263	O				2.75
384.500	0.00	0.01	3.263	O				2.75
384.583	0.00	0.01	3.263	O				2.75
384.667	0.00	0.01	3.263	O				2.75
384.750	0.00	0.01	3.263	O				2.75
384.833	0.00	0.01	3.263	O				2.75
384.917	0.00	0.01	3.263	O				2.75
385.000	0.00	0.01	3.263	O				2.75
385.083	0.00	0.01	3.263	O				2.75
385.167	0.00	0.01	3.263	O				2.75
385.250	0.00	0.01	3.263	O				2.75
385.333	0.00	0.01	3.263	O				2.75
385.417	0.00	0.01	3.263	O				2.75
385.500	0.00	0.01	3.263	O				2.75

385.583	0.00	0.01	3.262	O				2.75
385.667	0.00	0.01	3.262	O				2.75
385.750	0.00	0.01	3.262	O				2.75
385.833	0.00	0.01	3.262	O				2.75
385.917	0.00	0.01	3.262	O				2.75
386.000	0.00	0.01	3.262	O				2.75
386.083	0.00	0.01	3.262	O				2.75
386.167	0.00	0.01	3.262	O				2.75
386.250	0.00	0.01	3.262	O				2.75
386.333	0.00	0.01	3.262	O				2.75
386.417	0.00	0.01	3.262	O				2.75
386.500	0.00	0.01	3.262	O				2.75
386.583	0.00	0.01	3.262	O				2.75
386.667	0.00	0.01	3.262	O				2.75
386.750	0.00	0.01	3.261	O				2.75
386.833	0.00	0.01	3.261	O				2.75
386.917	0.00	0.01	3.261	O				2.75
387.000	0.00	0.01	3.261	O				2.75
387.083	0.00	0.01	3.261	O				2.75
387.167	0.00	0.01	3.261	O				2.75
387.250	0.00	0.01	3.261	O				2.75
387.333	0.00	0.01	3.261	O				2.75
387.417	0.00	0.01	3.261	O				2.75
387.500	0.00	0.01	3.261	O				2.75
387.583	0.00	0.01	3.261	O				2.75
387.667	0.00	0.01	3.261	O				2.75
387.750	0.00	0.01	3.261	O				2.75
387.833	0.00	0.01	3.261	O				2.75
387.917	0.00	0.01	3.261	O				2.75
388.000	0.00	0.01	3.260	O				2.75
388.083	0.00	0.01	3.260	O				2.75
388.167	0.00	0.01	3.260	O				2.75
388.250	0.00	0.01	3.260	O				2.75
388.333	0.00	0.01	3.260	O				2.75
388.417	0.00	0.01	3.260	O				2.75
388.500	0.00	0.01	3.260	O				2.75
388.583	0.00	0.01	3.260	O				2.75
388.667	0.00	0.01	3.260	O				2.75
388.750	0.00	0.01	3.260	O				2.75
388.833	0.00	0.01	3.260	O				2.75
388.917	0.00	0.01	3.260	O				2.75
389.000	0.00	0.01	3.260	O				2.75
389.083	0.00	0.01	3.260	O				2.75
389.167	0.00	0.01	3.259	O				2.75
389.250	0.00	0.01	3.259	O				2.75
389.333	0.00	0.01	3.259	O				2.75
389.417	0.00	0.01	3.259	O				2.75
389.500	0.00	0.01	3.259	O				2.75
389.583	0.00	0.01	3.259	O				2.75
389.667	0.00	0.01	3.259	O				2.75

389.750	0.00	0.01	3.259	O				2.75
389.833	0.00	0.01	3.259	O				2.75
389.917	0.00	0.01	3.259	O				2.75
390.000	0.00	0.01	3.259	O				2.75
390.083	0.00	0.01	3.259	O				2.75
390.167	0.00	0.01	3.259	O				2.75
390.250	0.00	0.01	3.259	O				2.75
390.333	0.00	0.01	3.259	O				2.75
390.417	0.00	0.01	3.258	O				2.75
390.500	0.00	0.01	3.258	O				2.75
390.583	0.00	0.01	3.258	O				2.75
390.667	0.00	0.01	3.258	O				2.75
390.750	0.00	0.01	3.258	O				2.75
390.833	0.00	0.01	3.258	O				2.75
390.917	0.00	0.01	3.258	O				2.75
391.000	0.00	0.01	3.258	O				2.75
391.083	0.00	0.01	3.258	O				2.75
391.167	0.00	0.01	3.258	O				2.75
391.250	0.00	0.01	3.258	O				2.75
391.333	0.00	0.01	3.258	O				2.75
391.417	0.00	0.01	3.258	O				2.75
391.500	0.00	0.01	3.258	O				2.75
391.583	0.00	0.01	3.257	O				2.75
391.667	0.00	0.01	3.257	O				2.75
391.750	0.00	0.01	3.257	O				2.75
391.833	0.00	0.01	3.257	O				2.75
391.917	0.00	0.01	3.257	O				2.75
392.000	0.00	0.01	3.257	O				2.75
392.083	0.00	0.01	3.257	O				2.75
392.167	0.00	0.01	3.257	O				2.75
392.250	0.00	0.01	3.257	O				2.75
392.333	0.00	0.01	3.257	O				2.75
392.417	0.00	0.01	3.257	O				2.75
392.500	0.00	0.01	3.257	O				2.75
392.583	0.00	0.01	3.257	O				2.75
392.667	0.00	0.01	3.257	O				2.75
392.750	0.00	0.01	3.257	O				2.75
392.833	0.00	0.01	3.256	O				2.75
392.917	0.00	0.01	3.256	O				2.75
393.000	0.00	0.01	3.256	O				2.75
393.083	0.00	0.01	3.256	O				2.75
393.167	0.00	0.01	3.256	O				2.75
393.250	0.00	0.01	3.256	O				2.75
393.333	0.00	0.01	3.256	O				2.75
393.417	0.00	0.01	3.256	O				2.75
393.500	0.00	0.01	3.256	O				2.75
393.583	0.00	0.01	3.256	O				2.75
393.667	0.00	0.01	3.256	O				2.75
393.750	0.00	0.01	3.256	O				2.75
393.833	0.00	0.01	3.256	O				2.75

393.917	0.00	0.01	3.256	O				2.75
394.000	0.00	0.01	3.255	O				2.75
394.083	0.00	0.01	3.255	O				2.75
394.167	0.00	0.01	3.255	O				2.75
394.250	0.00	0.01	3.255	O				2.75
394.333	0.00	0.01	3.255	O				2.75
394.417	0.00	0.01	3.255	O				2.75
394.500	0.00	0.01	3.255	O				2.75
394.583	0.00	0.01	3.255	O				2.75
394.667	0.00	0.01	3.255	O				2.75
394.750	0.00	0.01	3.255	O				2.75
394.833	0.00	0.01	3.255	O				2.75
394.917	0.00	0.01	3.255	O				2.75
395.000	0.00	0.01	3.255	O				2.75
395.083	0.00	0.01	3.255	O				2.75
395.167	0.00	0.01	3.255	O				2.75
395.250	0.00	0.01	3.254	O				2.75
395.333	0.00	0.01	3.254	O				2.75
395.417	0.00	0.01	3.254	O				2.75
395.500	0.00	0.01	3.254	O				2.75
395.583	0.00	0.01	3.254	O				2.75
395.667	0.00	0.01	3.254	O				2.75
395.750	0.00	0.01	3.254	O				2.75
395.833	0.00	0.01	3.254	O				2.74
395.917	0.00	0.01	3.254	O				2.74
396.000	0.00	0.01	3.254	O				2.74
396.083	0.00	0.01	3.254	O				2.74
396.167	0.00	0.01	3.254	O				2.74
396.250	0.00	0.01	3.254	O				2.74
396.333	0.00	0.01	3.254	O				2.74
396.417	0.00	0.01	3.253	O				2.74
396.500	0.00	0.01	3.253	O				2.74
396.583	0.00	0.01	3.253	O				2.74
396.667	0.00	0.01	3.253	O				2.74
396.750	0.00	0.01	3.253	O				2.74
396.833	0.00	0.01	3.253	O				2.74
396.917	0.00	0.01	3.253	O				2.74
397.000	0.00	0.01	3.253	O				2.74
397.083	0.00	0.01	3.253	O				2.74
397.167	0.00	0.01	3.253	O				2.74
397.250	0.00	0.01	3.253	O				2.74
397.333	0.00	0.01	3.253	O				2.74
397.417	0.00	0.01	3.253	O				2.74
397.500	0.00	0.01	3.253	O				2.74
397.583	0.00	0.01	3.253	O				2.74
397.667	0.00	0.01	3.252	O				2.74
397.750	0.00	0.01	3.252	O				2.74
397.833	0.00	0.01	3.252	O				2.74
397.917	0.00	0.01	3.252	O				2.74
398.000	0.00	0.01	3.252	O				2.74

398.083	0.00	0.01	3.252	O				2.74
398.167	0.00	0.01	3.252	O				2.74
398.250	0.00	0.01	3.252	O				2.74
398.333	0.00	0.01	3.252	O				2.74
398.417	0.00	0.01	3.252	O				2.74
398.500	0.00	0.01	3.252	O				2.74
398.583	0.00	0.01	3.252	O				2.74
398.667	0.00	0.01	3.252	O				2.74
398.750	0.00	0.01	3.252	O				2.74
398.833	0.00	0.01	3.251	O				2.74
398.917	0.00	0.01	3.251	O				2.74
399.000	0.00	0.01	3.251	O				2.74
399.083	0.00	0.01	3.251	O				2.74
399.167	0.00	0.01	3.251	O				2.74
399.250	0.00	0.01	3.251	O				2.74
399.333	0.00	0.01	3.251	O				2.74
399.417	0.00	0.01	3.251	O				2.74
399.500	0.00	0.01	3.251	O				2.74
399.583	0.00	0.01	3.251	O				2.74
399.667	0.00	0.01	3.251	O				2.74
399.750	0.00	0.01	3.251	O				2.74
399.833	0.00	0.01	3.251	O				2.74
399.917	0.00	0.01	3.251	O				2.74
400.000	0.00	0.01	3.251	O				2.74
400.083	0.00	0.01	3.250	O				2.74
400.167	0.00	0.01	3.250	O				2.74
400.250	0.00	0.01	3.250	O				2.74
400.333	0.00	0.01	3.250	O				2.74
400.417	0.00	0.01	3.250	O				2.74
400.500	0.00	0.01	3.250	O				2.74
400.583	0.00	0.01	3.250	O				2.74
400.667	0.00	0.01	3.250	O				2.74
400.750	0.00	0.01	3.250	O				2.74
400.833	0.00	0.01	3.250	O				2.74
400.917	0.00	0.01	3.250	O				2.74
401.000	0.00	0.01	3.250	O				2.74
401.083	0.00	0.01	3.250	O				2.74
401.167	0.00	0.01	3.250	O				2.74
401.250	0.00	0.01	3.249	O				2.74
401.333	0.00	0.01	3.249	O				2.74
401.417	0.00	0.01	3.249	O				2.74
401.500	0.00	0.01	3.249	O				2.74
401.583	0.00	0.01	3.249	O				2.74
401.667	0.00	0.01	3.249	O				2.74
401.750	0.00	0.01	3.249	O				2.74
401.833	0.00	0.01	3.249	O				2.74
401.917	0.00	0.01	3.249	O				2.74
402.000	0.00	0.01	3.249	O				2.74
402.083	0.00	0.01	3.249	O				2.74
402.167	0.00	0.01	3.249	O				2.74

402.250	0.00	0.01	3.249	O				2.74
402.333	0.00	0.01	3.249	O				2.74
402.417	0.00	0.01	3.249	O				2.74
402.500	0.00	0.01	3.248	O				2.74
402.583	0.00	0.01	3.248	O				2.74
402.667	0.00	0.01	3.248	O				2.74
402.750	0.00	0.01	3.248	O				2.74
402.833	0.00	0.01	3.248	O				2.74
402.917	0.00	0.01	3.248	O				2.74
403.000	0.00	0.01	3.248	O				2.74
403.083	0.00	0.01	3.248	O				2.74
403.167	0.00	0.01	3.248	O				2.74
403.250	0.00	0.01	3.248	O				2.74
403.333	0.00	0.01	3.248	O				2.74
403.417	0.00	0.01	3.248	O				2.74
403.500	0.00	0.01	3.248	O				2.74
403.583	0.00	0.01	3.248	O				2.74
403.667	0.00	0.01	3.247	O				2.74
403.750	0.00	0.01	3.247	O				2.74
403.833	0.00	0.01	3.247	O				2.74
403.917	0.00	0.01	3.247	O				2.74
404.000	0.00	0.01	3.247	O				2.74
404.083	0.00	0.01	3.247	O				2.74
404.167	0.00	0.01	3.247	O				2.74
404.250	0.00	0.01	3.247	O				2.74
404.333	0.00	0.01	3.247	O				2.74
404.417	0.00	0.01	3.247	O				2.74
404.500	0.00	0.01	3.247	O				2.74
404.583	0.00	0.01	3.247	O				2.74
404.667	0.00	0.01	3.247	O				2.74
404.750	0.00	0.01	3.247	O				2.74
404.833	0.00	0.01	3.247	O				2.74
404.917	0.00	0.01	3.246	O				2.74
405.000	0.00	0.01	3.246	O				2.74
405.083	0.00	0.01	3.246	O				2.74
405.167	0.00	0.01	3.246	O				2.74
405.250	0.00	0.01	3.246	O				2.74
405.333	0.00	0.01	3.246	O				2.74
405.417	0.00	0.01	3.246	O				2.74
405.500	0.00	0.01	3.246	O				2.74
405.583	0.00	0.01	3.246	O				2.74
405.667	0.00	0.01	3.246	O				2.74
405.750	0.00	0.01	3.246	O				2.74
405.833	0.00	0.01	3.246	O				2.74
405.917	0.00	0.01	3.246	O				2.74
406.000	0.00	0.01	3.246	O				2.74
406.083	0.00	0.01	3.245	O				2.74
406.167	0.00	0.01	3.245	O				2.74
406.250	0.00	0.01	3.245	O				2.74
406.333	0.00	0.01	3.245	O				2.74

406.417	0.00	0.01	3.245	O				2.74
406.500	0.00	0.01	3.245	O				2.74
406.583	0.00	0.01	3.245	O				2.74
406.667	0.00	0.01	3.245	O				2.74
406.750	0.00	0.01	3.245	O				2.74
406.833	0.00	0.01	3.245	O				2.74
406.917	0.00	0.01	3.245	O				2.74
407.000	0.00	0.01	3.245	O				2.74
407.083	0.00	0.01	3.245	O				2.74
407.167	0.00	0.01	3.245	O				2.74
407.250	0.00	0.01	3.245	O				2.74
407.333	0.00	0.01	3.244	O				2.74
407.417	0.00	0.01	3.244	O				2.74
407.500	0.00	0.01	3.244	O				2.74
407.583	0.00	0.01	3.244	O				2.74
407.667	0.00	0.01	3.244	O				2.74
407.750	0.00	0.01	3.244	O				2.74
407.833	0.00	0.01	3.244	O				2.74
407.917	0.00	0.01	3.244	O				2.74
408.000	0.00	0.01	3.244	O				2.74
408.083	0.00	0.01	3.244	O				2.74
408.167	0.00	0.01	3.244	O				2.74
408.250	0.00	0.01	3.244	O				2.74
408.333	0.00	0.01	3.244	O				2.74
408.417	0.00	0.01	3.244	O				2.74
408.500	0.00	0.01	3.243	O				2.74
408.583	0.00	0.01	3.243	O				2.74
408.667	0.00	0.01	3.243	O				2.74
408.750	0.00	0.01	3.243	O				2.74
408.833	0.00	0.01	3.243	O				2.74
408.917	0.00	0.01	3.243	O				2.74
409.000	0.00	0.01	3.243	O				2.74
409.083	0.00	0.01	3.243	O				2.74
409.167	0.00	0.01	3.243	O				2.74
409.250	0.00	0.01	3.243	O				2.74
409.333	0.00	0.01	3.243	O				2.74
409.417	0.00	0.01	3.243	O				2.74
409.500	0.00	0.01	3.243	O				2.74
409.583	0.00	0.01	3.243	O				2.74
409.667	0.00	0.01	3.243	O				2.74
409.750	0.00	0.01	3.242	O				2.74
409.833	0.00	0.01	3.242	O				2.74
409.917	0.00	0.01	3.242	O				2.74
410.000	0.00	0.01	3.242	O				2.74
410.083	0.00	0.01	3.242	O				2.74
410.167	0.00	0.01	3.242	O				2.74
410.250	0.00	0.01	3.242	O				2.74
410.333	0.00	0.01	3.242	O				2.73
410.417	0.00	0.01	3.242	O				2.73
410.500	0.00	0.01	3.242	O				2.73

410.583	0.00	0.01	3.242	O	|	|	|	2.73
410.667	0.00	0.01	3.242	O	|	|	|	2.73
410.750	0.00	0.01	3.242	O	|	|	|	2.73
410.833	0.00	0.01	3.242	O	|	|	|	2.73
410.917	0.00	0.01	3.241	O	|	|	|	2.73
411.000	0.00	0.01	3.241	O	|	|	|	2.73
411.083	0.00	0.01	3.241	O	|	|	|	2.73
411.167	0.00	0.01	3.241	O	|	|	|	2.73
411.250	0.00	0.01	3.241	O	|	|	|	2.73
411.333	0.00	0.01	3.241	O	|	|	|	2.73
411.417	0.00	0.01	3.241	O	|	|	|	2.73
411.500	0.00	0.01	3.241	O	|	|	|	2.73
411.583	0.00	0.01	3.241	O	|	|	|	2.73
411.667	0.00	0.01	3.241	O	|	|	|	2.73
411.750	0.00	0.01	3.241	O	|	|	|	2.73
411.833	0.00	0.01	3.241	O	|	|	|	2.73
411.917	0.00	0.01	3.241	O	|	|	|	2.73
412.000	0.00	0.01	3.241	O	|	|	|	2.73
412.083	0.00	0.01	3.241	O	|	|	|	2.73
412.167	0.00	0.01	3.240	O	|	|	|	2.73
412.250	0.00	0.01	3.240	O	|	|	|	2.73
412.333	0.00	0.01	3.240	O	|	|	|	2.73
412.417	0.00	0.01	3.240	O	|	|	|	2.73
412.500	0.00	0.01	3.240	O	|	|	|	2.73
412.583	0.00	0.01	3.240	O	|	|	|	2.73
412.667	0.00	0.01	3.240	O	|	|	|	2.73
412.750	0.00	0.01	3.240	O	|	|	|	2.73
412.833	0.00	0.01	3.240	O	|	|	|	2.73
412.917	0.00	0.01	3.240	O	|	|	|	2.73
413.000	0.00	0.01	3.240	O	|	|	|	2.73
413.083	0.00	0.01	3.240	O	|	|	|	2.73
413.167	0.00	0.01	3.240	O	|	|	|	2.73
413.250	0.00	0.01	3.240	O	|	|	|	2.73
413.333	0.00	0.01	3.240	O	|	|	|	2.73
413.417	0.00	0.01	3.239	O	|	|	|	2.73
413.500	0.00	0.01	3.239	O	|	|	|	2.73
413.583	0.00	0.01	3.239	O	|	|	|	2.73
413.667	0.00	0.01	3.239	O	|	|	|	2.73
413.750	0.00	0.01	3.239	O	|	|	|	2.73
413.833	0.00	0.01	3.239	O	|	|	|	2.73
413.917	0.00	0.01	3.239	O	|	|	|	2.73
414.000	0.00	0.01	3.239	O	|	|	|	2.73
414.083	0.00	0.01	3.239	O	|	|	|	2.73
414.167	0.00	0.01	3.239	O	|	|	|	2.73
414.250	0.00	0.01	3.239	O	|	|	|	2.73
414.333	0.00	0.01	3.239	O	|	|	|	2.73
414.417	0.00	0.01	3.239	O	|	|	|	2.73
414.500	0.00	0.01	3.239	O	|	|	|	2.73
414.583	0.00	0.01	3.238	O	|	|	|	2.73
414.667	0.00	0.01	3.238	O	|	|	|	2.73

414.750	0.00	0.01	3.238	O	|	|	|	2.73
414.833	0.00	0.01	3.238	O	|	|	|	2.73
414.917	0.00	0.01	3.238	O	|	|	|	2.73
415.000	0.00	0.01	3.238	O	|	|	|	2.73
415.083	0.00	0.01	3.238	O	|	|	|	2.73
415.167	0.00	0.01	3.238	O	|	|	|	2.73
415.250	0.00	0.01	3.238	O	|	|	|	2.73
415.333	0.00	0.01	3.238	O	|	|	|	2.73
415.417	0.00	0.01	3.238	O	|	|	|	2.73
415.500	0.00	0.01	3.238	O	|	|	|	2.73
415.583	0.00	0.01	3.238	O	|	|	|	2.73
415.667	0.00	0.01	3.238	O	|	|	|	2.73
415.750	0.00	0.01	3.238	O	|	|	|	2.73
415.833	0.00	0.01	3.237	O	|	|	|	2.73
415.917	0.00	0.01	3.237	O	|	|	|	2.73
416.000	0.00	0.01	3.237	O	|	|	|	2.73
416.083	0.00	0.01	3.237	O	|	|	|	2.73
416.167	0.00	0.01	3.237	O	|	|	|	2.73
416.250	0.00	0.01	3.237	O	|	|	|	2.73
416.333	0.00	0.01	3.237	O	|	|	|	2.73
416.417	0.00	0.01	3.237	O	|	|	|	2.73
416.500	0.00	0.01	3.237	O	|	|	|	2.73
416.583	0.00	0.01	3.237	O	|	|	|	2.73
416.667	0.00	0.01	3.237	O	|	|	|	2.73

Remaining water in basin = 3.24 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 74.014 (CFS)
Total volume = 9.243 (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 - 2014
Study date: 08/08/22

IEN
Basin B
100-year Developed

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: BasinB100yr.rte
**********HYDROGRAPH DATA**********
Number of intervals = 304
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 117.489 (CFS)
Total volume = 12.640 (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 10.000 to Point/Station 35.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 304
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.800	0.001	1.800	1.800
2.000	2.400	0.001	2.400	2.400
2.500	3.000	0.010	3.000	3.000
3.000	3.600	0.010	3.600	3.600
3.500	4.200	45.000	4.045	4.355
4.000	4.800	75.000	4.542	5.058
4.500	5.170	85.000	4.877	5.463
5.000	5.290	90.000	4.980	5.600

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 29.4 58.74 88.12 117.49	Depth (Ft.)
0.083	0.08	0.00	0.000	O | | | |	0.00
0.167	0.63	0.00	0.003	O | | | |	0.00
0.250	1.34	0.00	0.010	O | | | |	0.01
0.333	1.67	0.00	0.020	O | | | |	0.02
0.417	1.86	0.00	0.032	O | | | |	0.03
0.500	1.99	0.00	0.045	O | | | |	0.04
0.583	2.08	0.00	0.059	O | | | |	0.05
0.667	2.15	0.00	0.074	O | | | |	0.06
0.750	2.21	0.00	0.089	O | | | |	0.07
0.833	2.25	0.00	0.104	O | | | |	0.09
0.917	2.29	0.00	0.120	O | | | |	0.10
1.000	2.32	0.00	0.136	O | | | |	0.11
1.083	2.34	0.00	0.152	O | | | |	0.13
1.167	2.36	0.00	0.168	O | | | |	0.14
1.250	2.38	0.00	0.184	O | | | |	0.15
1.333	2.40	0.00	0.201	O | | | |	0.17
1.417	2.41	0.00	0.217	O | | | |	0.18
1.500	2.42	0.00	0.234	O | | | |	0.20
1.583	2.43	0.00	0.251	O | | | |	0.21
1.667	2.44	0.00	0.268	O | | | |	0.22
1.750	2.45	0.00	0.284	O | | | |	0.24
1.833	2.46	0.00	0.301	O | | | |	0.25
1.917	2.47	0.00	0.318	O | | | |	0.27
2.000	2.48	0.00	0.335	O | | | |	0.28
2.083	2.48	0.00	0.352	O | | | |	0.29
2.167	2.49	0.00	0.370	O | | | |	0.31

2.250	2.50	0.00	0.387	O	|	|	|	0.32
2.333	2.51	0.00	0.404	O	|	|	|	0.34
2.417	2.52	0.00	0.421	O	|	|	|	0.35
2.500	2.53	0.00	0.439	O	|	|	|	0.37
2.583	2.54	0.00	0.456	O	|	|	|	0.38
2.667	2.55	0.00	0.474	O	|	|	|	0.39
2.750	2.56	0.00	0.491	O	|	|	|	0.41
2.833	2.57	0.00	0.509	O	|	|	|	0.42
2.917	2.58	0.00	0.527	O	|	|	|	0.44
3.000	2.59	0.00	0.544	O	|	|	|	0.45
3.083	2.60	0.00	0.562	O	|	|	|	0.47
3.167	2.61	0.00	0.580	O	|	|	|	0.48
3.250	2.62	0.00	0.598	O	|	|	|	0.50
3.333	2.63	0.00	0.616	O	|	|	|	0.51
3.417	2.64	0.00	0.635	O	|	|	|	0.53
3.500	2.65	0.00	0.653	O	|	|	|	0.54
3.583	2.66	0.00	0.671	O	|	|	|	0.56
3.667	2.67	0.00	0.689	O	|	|	|	0.57
3.750	2.69	0.00	0.708	O	|	|	|	0.59
3.833	2.70	0.00	0.726	O	|	|	|	0.61
3.917	2.71	0.00	0.745	O	|	|	|	0.62
4.000	2.72	0.00	0.764	O	|	|	|	0.64
4.083	2.73	0.00	0.783	O	|	|	|	0.65
4.167	2.74	0.00	0.801	O	|	|	|	0.67
4.250	2.76	0.00	0.820	O	|	|	|	0.68
4.333	2.77	0.00	0.839	O	|	|	|	0.70
4.417	2.78	0.00	0.858	O	|	|	|	0.72
4.500	2.79	0.00	0.878	O	|	|	|	0.73
4.583	2.80	0.00	0.897	O	|	|	|	0.75
4.667	2.82	0.00	0.916	O	|	|	|	0.76
4.750	2.83	0.00	0.936	O	|	|	|	0.78
4.833	2.84	0.00	0.955	O	|	|	|	0.80
4.917	2.86	0.00	0.975	O	|	|	|	0.81
5.000	2.87	0.00	0.994	O	|	|	|	0.83
5.083	2.88	0.00	1.014	O	|	|	|	0.85
5.167	2.89	0.00	1.034	O	|	|	|	0.86
5.250	2.91	0.00	1.054	O	|	|	|	0.88
5.333	2.92	0.00	1.074	O	|	|	|	0.90
5.417	2.94	0.00	1.094	O	|	|	|	0.91
5.500	2.95	0.00	1.115	O	|	|	|	0.93
5.583	2.96	0.00	1.135	O	|	|	|	0.95
5.667	2.98	0.00	1.155	O	|	|	|	0.96
5.750	2.99	0.00	1.176	O	|	|	|	0.98
5.833	3.01	0.00	1.197	O	|	|	|	1.00
5.917	3.02	0.00	1.217	O	|	|	|	1.01
6.000	3.04	0.00	1.238	O	|	|	|	1.03
6.083	3.05	0.00	1.259	O	|	|	|	1.05
6.167	3.07	0.00	1.280	O	|	|	|	1.07
6.250	3.09	0.00	1.302	O	|	|	|	1.08
6.333	3.10	0.00	1.323	O	|	|	|	1.10

6.417	3.12	0.00	1.344	O				1.12
6.500	3.14	0.00	1.366	O				1.14
6.583	3.15	0.00	1.388	O				1.16
6.667	3.17	0.00	1.409	O				1.17
6.750	3.19	0.00	1.431	O				1.19
6.833	3.20	0.00	1.453	O				1.21
6.917	3.22	0.00	1.475	O				1.23
7.000	3.24	0.00	1.498	O				1.25
7.083	3.26	0.00	1.520	O				1.27
7.167	3.28	0.00	1.542	O				1.29
7.250	3.30	0.00	1.565	O				1.30
7.333	3.31	0.00	1.588	O				1.32
7.417	3.33	0.00	1.611	O				1.34
7.500	3.35	0.00	1.634	O				1.36
7.583	3.37	0.00	1.657	O				1.38
7.667	3.39	0.00	1.680	O				1.40
7.750	3.42	0.00	1.704	O				1.42
7.833	3.44	0.00	1.727	O				1.44
7.917	3.46	0.00	1.751	O				1.46
8.000	3.48	0.00	1.775	O				1.48
8.083	3.50	0.00	1.799	O				1.50
8.167	3.52	0.00	1.823	O				1.52
8.250	3.55	0.00	1.847	O				1.54
8.333	3.57	0.00	1.872	O				1.56
8.417	3.59	0.00	1.897	O				1.58
8.500	3.62	0.00	1.921	O				1.60
8.583	3.64	0.00	1.946	O				1.62
8.667	3.67	0.00	1.971	O				1.64
8.750	3.69	0.00	1.997	OI				1.66
8.833	3.72	0.00	2.022	OI				1.69
8.917	3.74	0.00	2.048	OI				1.71
9.000	3.77	0.00	2.074	OI				1.73
9.083	3.80	0.00	2.100	OI				1.75
9.167	3.82	0.00	2.126	OI				1.77
9.250	3.85	0.00	2.153	OI				1.79
9.333	3.88	0.00	2.179	OI				1.82
9.417	3.91	0.00	2.206	OI				1.84
9.500	3.94	0.00	2.233	OI				1.86
9.583	3.97	0.00	2.260	OI				1.88
9.667	4.00	0.00	2.288	OI				1.91
9.750	4.03	0.00	2.315	OI				1.93
9.833	4.07	0.00	2.343	OI				1.95
9.917	4.10	0.00	2.371	OI				1.98
10.000	4.13	0.00	2.400	OI				2.00
10.083	4.17	0.00	2.428	OI				2.02
10.167	4.20	0.00	2.457	OI				2.05
10.250	4.24	0.00	2.486	OI				2.07
10.333	4.28	0.00	2.516	OI				2.10
10.417	4.31	0.00	2.545	OI				2.12
10.500	4.35	0.00	2.575	OI				2.15

10.583	4.39	0.00	2.605	OI				2.17
10.667	4.43	0.00	2.635	OI				2.20
10.750	4.48	0.00	2.666	OI				2.22
10.833	4.52	0.01	2.697	OI				2.25
10.917	4.56	0.01	2.728	OI				2.27
11.000	4.61	0.01	2.760	OI				2.30
11.083	4.65	0.01	2.792	OI				2.33
11.167	4.70	0.01	2.824	OI				2.35
11.250	4.75	0.01	2.856	OI				2.38
11.333	4.80	0.01	2.889	OI				2.41
11.417	4.85	0.01	2.922	OI				2.44
11.500	4.90	0.01	2.956	OI				2.46
11.583	4.95	0.01	2.990	OI				2.49
11.667	5.01	0.01	3.024	OI				2.52
11.750	5.07	0.01	3.058	OI				2.55
11.833	5.13	0.01	3.093	OI				2.58
11.917	5.19	0.01	3.129	OI				2.61
12.000	5.25	0.01	3.165	OI				2.64
12.083	5.30	0.01	3.201	OI				2.67
12.167	5.31	0.01	3.238	OI				2.70
12.250	5.30	0.01	3.274	OI				2.73
12.333	5.33	0.01	3.310	OI				2.76
12.417	5.38	0.01	3.347	OI				2.79
12.500	5.44	0.01	3.385	OI				2.82
12.583	5.51	0.01	3.422	OI				2.85
12.667	5.59	0.01	3.460	OI				2.88
12.750	5.67	0.01	3.499	OI				2.92
12.833	5.75	0.01	3.538	OI				2.95
12.917	5.84	0.01	3.578	OI				2.98
13.000	5.93	1.11	3.615	OI				3.01
13.083	6.02	3.11	3.641	OI				3.03
13.167	6.12	4.33	3.658	|O				3.05
13.250	6.23	5.09	3.668	|O				3.06
13.333	6.34	5.58	3.674	|O				3.06
13.417	6.46	5.92	3.679	|O				3.07
13.500	6.58	6.16	3.682	|O				3.07
13.583	6.71	6.36	3.685	|O				3.07
13.667	6.85	6.53	3.687	|O				3.07
13.750	6.99	6.69	3.689	|O				3.07
13.833	7.14	6.85	3.691	|O				3.08
13.917	7.30	7.00	3.693	|O				3.08
14.000	7.47	7.16	3.695	|OI				3.08
14.083	7.65	7.32	3.698	|OI				3.08
14.167	7.85	7.50	3.700	| O				3.08
14.250	8.07	7.69	3.702	| O				3.09
14.333	8.29	7.89	3.705	| O				3.09
14.417	8.53	8.10	3.708	| O				3.09
14.500	8.79	8.33	3.711	| O				3.09
14.583	9.06	8.57	3.714	| O				3.10
14.667	9.36	8.83	3.718	| O				3.10

14.750	9.68	9.12	3.721	O				3.10
14.833	10.03	9.42	3.726	O				3.10
14.917	10.43	9.75	3.730	O				3.11
15.000	10.88	10.12	3.735	O				3.11
15.083	11.39	10.54	3.740	OI				3.12
15.167	11.98	11.01	3.747	OI				3.12
15.250	12.66	11.55	3.754	O				3.13
15.333	13.43	12.16	3.762	O				3.14
15.417	14.23	12.85	3.771	O				3.14
15.500	14.58	13.49	3.780	O				3.15
15.583	14.92	14.00	3.787	OI				3.16
15.667	16.02	14.61	3.795	OI				3.16
15.750	17.70	15.53	3.807	O				3.17
15.833	20.19	16.93	3.826	OI				3.19
15.917	23.95	19.04	3.854	OI				3.21
16.000	30.91	22.48	3.900	O I				3.25
16.083	50.44	29.95	3.999	O	I			3.33
16.167	104.85	48.24	4.265		O		I	3.55
16.250	117.49	66.73	4.635			O		I 3.86
16.333	69.17	74.54	4.791			I O		3.99
16.417	48.22	69.89	4.698		I	O		3.91
16.500	37.23	61.91	4.538		I O			3.78
16.583	30.74	53.70	4.374		I O			3.65
16.667	25.40	46.17	4.223	I	O			3.52
16.750	21.83	37.38	4.098	I	O			3.42
16.833	18.82	30.38	4.005	I O				3.34
16.917	16.44	25.15	3.935	I O				3.28
17.000	14.32	21.14	3.882	I O				3.23
17.083	12.54	17.98	3.840	IO				3.20
17.167	11.72	15.58	3.808	IO				3.17
17.250	11.01	13.85	3.785	IO				3.15
17.333	9.87	12.45	3.766	IO				3.14
17.417	8.99	11.21	3.749	IO				3.12
17.500	7.76	10.04	3.734	O				3.11
17.583	7.34	9.02	3.720	IO				3.10
17.667	7.00	8.26	3.710	IO				3.09
17.750	6.71	7.68	3.702	IO				3.09
17.833	6.44	7.23	3.696	O				3.08
17.917	6.20	6.85	3.691	O				3.08
18.000	5.98	6.54	3.687	O				3.07
18.083	5.80	6.27	3.684	O				3.07
18.167	5.68	6.06	3.681	O				3.07
18.250	5.60	5.88	3.678	O				3.07
18.333	5.48	5.74	3.676	O				3.06
18.417	5.35	5.61	3.675	O				3.06
18.500	5.23	5.48	3.673	O				3.06
18.583	5.12	5.35	3.671	O				3.06
18.667	5.01	5.23	3.670	O				3.06
18.750	4.90	5.12	3.668	O				3.06
18.833	4.80	5.01	3.667	O				3.06

18.917	4.70	4.90	3.665	|O	|	|	|	3.05
19.000	4.61	4.80	3.664	|O	|	|	|	3.05
19.083	4.52	4.71	3.663	|O	|	|	|	3.05
19.167	4.44	4.61	3.661	|O	|	|	|	3.05
19.250	4.36	4.53	3.660	|O	|	|	|	3.05
19.333	4.28	4.44	3.659	|O	|	|	|	3.05
19.417	4.21	4.36	3.658	|O	|	|	|	3.05
19.500	4.14	4.29	3.657	|O	|	|	|	3.05
19.583	4.07	4.21	3.656	|O	|	|	|	3.05
19.667	4.01	4.14	3.655	|O	|	|	|	3.05
19.750	3.95	4.07	3.654	|O	|	|	|	3.05
19.833	3.89	4.01	3.653	|O	|	|	|	3.04
19.917	3.83	3.95	3.653	|O	|	|	|	3.04
20.000	3.77	3.89	3.652	|O	|	|	|	3.04
20.083	3.72	3.83	3.651	|O	|	|	|	3.04
20.167	3.67	3.77	3.650	IO	|	|	|	3.04
20.250	3.62	3.72	3.649	IO	|	|	|	3.04
20.333	3.57	3.67	3.649	O	|	|	|	3.04
20.417	3.53	3.62	3.648	O	|	|	|	3.04
20.500	3.48	3.57	3.648	O	|	|	|	3.04
20.583	3.44	3.53	3.647	O	|	|	|	3.04
20.667	3.40	3.48	3.646	O	|	|	|	3.04
20.750	3.36	3.44	3.646	O	|	|	|	3.04
20.833	3.32	3.40	3.645	O	|	|	|	3.04
20.917	3.28	3.36	3.645	O	|	|	|	3.04
21.000	3.24	3.32	3.644	O	|	|	|	3.04
21.083	3.21	3.28	3.644	O	|	|	|	3.04
21.167	3.17	3.24	3.643	O	|	|	|	3.04
21.250	3.14	3.21	3.643	O	|	|	|	3.04
21.333	3.10	3.17	3.642	O	|	|	|	3.04
21.417	3.07	3.14	3.642	O	|	|	|	3.03
21.500	3.04	3.10	3.641	O	|	|	|	3.03
21.583	3.01	3.07	3.641	O	|	|	|	3.03
21.667	2.98	3.04	3.640	O	|	|	|	3.03
21.750	2.95	3.01	3.640	O	|	|	|	3.03
21.833	2.92	2.98	3.640	O	|	|	|	3.03
21.917	2.90	2.95	3.639	O	|	|	|	3.03
22.000	2.87	2.92	3.639	O	|	|	|	3.03
22.083	2.84	2.90	3.638	O	|	|	|	3.03
22.167	2.82	2.87	3.638	O	|	|	|	3.03
22.250	2.79	2.84	3.638	O	|	|	|	3.03
22.333	2.77	2.82	3.637	O	|	|	|	3.03
22.417	2.74	2.79	3.637	O	|	|	|	3.03
22.500	2.72	2.77	3.637	O	|	|	|	3.03
22.583	2.70	2.74	3.636	O	|	|	|	3.03
22.667	2.67	2.72	3.636	O	|	|	|	3.03
22.750	2.65	2.70	3.636	O	|	|	|	3.03
22.833	2.63	2.67	3.636	O	|	|	|	3.03
22.917	2.61	2.65	3.635	O	|	|	|	3.03
23.000	2.59	2.63	3.635	O	|	|	|	3.03

23.083	2.57	2.61	3.635	O				3.03
23.167	2.55	2.59	3.634	O				3.03
23.250	2.53	2.57	3.634	O				3.03
23.333	2.51	2.55	3.634	O				3.03
23.417	2.49	2.53	3.634	O				3.03
23.500	2.48	2.51	3.633	O				3.03
23.583	2.46	2.49	3.633	O				3.03
23.667	2.44	2.47	3.633	O				3.03
23.750	2.42	2.46	3.633	O				3.03
23.833	2.41	2.44	3.632	O				3.03
23.917	2.39	2.42	3.632	O				3.03
24.000	2.37	2.40	3.632	O				3.03
24.083	2.27	2.37	3.631	O				3.03
24.167	1.71	2.22	3.629	O				3.02
24.250	0.99	1.86	3.625	O				3.02
24.333	0.66	1.44	3.619	O				3.02
24.417	0.47	1.08	3.614	O				3.01
24.500	0.35	0.81	3.611	O				3.01
24.583	0.26	0.60	3.608	O				3.01
24.667	0.19	0.45	3.606	O				3.00
24.750	0.14	0.33	3.604	O				3.00
24.833	0.10	0.25	3.603	O				3.00
24.917	0.08	0.18	3.602	O				3.00
25.000	0.05	0.13	3.602	O				3.00
25.083	0.04	0.10	3.601	O				3.00
25.167	0.03	0.07	3.601	O				3.00
25.250	0.02	0.05	3.601	O				3.00
25.333	0.01	0.04	3.600	O				3.00
25.417	0.00	0.02	3.600	O				3.00
25.500	0.00	0.01	3.600	O				3.00
25.583	0.00	0.01	3.600	O				3.00
25.667	0.00	0.01	3.600	O				3.00
25.750	0.00	0.01	3.600	O				3.00
25.833	0.00	0.01	3.600	O				3.00
25.917	0.00	0.01	3.600	O				3.00
26.000	0.00	0.01	3.600	O				3.00
26.083	0.00	0.01	3.600	O				3.00
26.167	0.00	0.01	3.599	O				3.00
26.250	0.00	0.01	3.599	O				3.00
26.333	0.00	0.01	3.599	O				3.00
26.417	0.00	0.01	3.599	O				3.00
26.500	0.00	0.01	3.599	O				3.00
26.583	0.00	0.01	3.599	O				3.00
26.667	0.00	0.01	3.599	O				3.00
26.750	0.00	0.01	3.599	O				3.00
26.833	0.00	0.01	3.599	O				3.00
26.917	0.00	0.01	3.599	O				3.00
27.000	0.00	0.01	3.599	O				3.00
27.083	0.00	0.01	3.599	O				3.00
27.167	0.00	0.01	3.599	O				3.00

27.250	0.00	0.01	3.599	O				3.00
27.333	0.00	0.01	3.599	O				3.00
27.417	0.00	0.01	3.598	O				3.00
27.500	0.00	0.01	3.598	O				3.00
27.583	0.00	0.01	3.598	O				3.00
27.667	0.00	0.01	3.598	O				3.00
27.750	0.00	0.01	3.598	O				3.00
27.833	0.00	0.01	3.598	O				3.00
27.917	0.00	0.01	3.598	O				3.00
28.000	0.00	0.01	3.598	O				3.00
28.083	0.00	0.01	3.598	O				3.00
28.167	0.00	0.01	3.598	O				3.00
28.250	0.00	0.01	3.598	O				3.00
28.333	0.00	0.01	3.598	O				3.00
28.417	0.00	0.01	3.598	O				3.00
28.500	0.00	0.01	3.598	O				3.00
28.583	0.00	0.01	3.597	O				3.00
28.667	0.00	0.01	3.597	O				3.00
28.750	0.00	0.01	3.597	O				3.00
28.833	0.00	0.01	3.597	O				3.00
28.917	0.00	0.01	3.597	O				3.00
29.000	0.00	0.01	3.597	O				3.00
29.083	0.00	0.01	3.597	O				3.00
29.167	0.00	0.01	3.597	O				3.00
29.250	0.00	0.01	3.597	O				3.00
29.333	0.00	0.01	3.597	O				3.00
29.417	0.00	0.01	3.597	O				3.00
29.500	0.00	0.01	3.597	O				3.00
29.583	0.00	0.01	3.597	O				3.00
29.667	0.00	0.01	3.597	O				3.00
29.750	0.00	0.01	3.597	O				3.00
29.833	0.00	0.01	3.596	O				3.00
29.917	0.00	0.01	3.596	O				3.00
30.000	0.00	0.01	3.596	O				3.00
30.083	0.00	0.01	3.596	O				3.00
30.167	0.00	0.01	3.596	O				3.00
30.250	0.00	0.01	3.596	O				3.00
30.333	0.00	0.01	3.596	O				3.00
30.417	0.00	0.01	3.596	O				3.00
30.500	0.00	0.01	3.596	O				3.00
30.583	0.00	0.01	3.596	O				3.00
30.667	0.00	0.01	3.596	O				3.00
30.750	0.00	0.01	3.596	O				3.00
30.833	0.00	0.01	3.596	O				3.00
30.917	0.00	0.01	3.596	O				3.00
31.000	0.00	0.01	3.595	O				3.00
31.083	0.00	0.01	3.595	O				3.00
31.167	0.00	0.01	3.595	O				3.00
31.250	0.00	0.01	3.595	O				3.00
31.333	0.00	0.01	3.595	O				3.00

31.417	0.00	0.01	3.595	O				3.00
31.500	0.00	0.01	3.595	O				3.00
31.583	0.00	0.01	3.595	O				3.00
31.667	0.00	0.01	3.595	O				3.00
31.750	0.00	0.01	3.595	O				3.00
31.833	0.00	0.01	3.595	O				3.00
31.917	0.00	0.01	3.595	O				3.00
32.000	0.00	0.01	3.595	O				3.00
32.083	0.00	0.01	3.595	O				3.00
32.167	0.00	0.01	3.595	O				3.00
32.250	0.00	0.01	3.594	O				3.00
32.333	0.00	0.01	3.594	O				3.00
32.417	0.00	0.01	3.594	O				3.00
32.500	0.00	0.01	3.594	O				3.00
32.583	0.00	0.01	3.594	O				3.00
32.667	0.00	0.01	3.594	O				3.00
32.750	0.00	0.01	3.594	O				3.00
32.833	0.00	0.01	3.594	O				2.99
32.917	0.00	0.01	3.594	O				2.99
33.000	0.00	0.01	3.594	O				2.99
33.083	0.00	0.01	3.594	O				2.99
33.167	0.00	0.01	3.594	O				2.99
33.250	0.00	0.01	3.594	O				2.99
33.333	0.00	0.01	3.594	O				2.99
33.417	0.00	0.01	3.593	O				2.99
33.500	0.00	0.01	3.593	O				2.99
33.583	0.00	0.01	3.593	O				2.99
33.667	0.00	0.01	3.593	O				2.99
33.750	0.00	0.01	3.593	O				2.99
33.833	0.00	0.01	3.593	O				2.99
33.917	0.00	0.01	3.593	O				2.99
34.000	0.00	0.01	3.593	O				2.99
34.083	0.00	0.01	3.593	O				2.99
34.167	0.00	0.01	3.593	O				2.99
34.250	0.00	0.01	3.593	O				2.99
34.333	0.00	0.01	3.593	O				2.99
34.417	0.00	0.01	3.593	O				2.99
34.500	0.00	0.01	3.593	O				2.99
34.583	0.00	0.01	3.593	O				2.99
34.667	0.00	0.01	3.592	O				2.99
34.750	0.00	0.01	3.592	O				2.99
34.833	0.00	0.01	3.592	O				2.99
34.917	0.00	0.01	3.592	O				2.99
35.000	0.00	0.01	3.592	O				2.99
35.083	0.00	0.01	3.592	O				2.99
35.167	0.00	0.01	3.592	O				2.99
35.250	0.00	0.01	3.592	O				2.99
35.333	0.00	0.01	3.592	O				2.99
35.417	0.00	0.01	3.592	O				2.99
35.500	0.00	0.01	3.592	O				2.99

35.583	0.00	0.01	3.592	O	|	|	|	2.99
35.667	0.00	0.01	3.592	O	|	|	|	2.99
35.750	0.00	0.01	3.592	O	|	|	|	2.99
35.833	0.00	0.01	3.591	O	|	|	|	2.99
35.917	0.00	0.01	3.591	O	|	|	|	2.99
36.000	0.00	0.01	3.591	O	|	|	|	2.99
36.083	0.00	0.01	3.591	O	|	|	|	2.99
36.167	0.00	0.01	3.591	O	|	|	|	2.99
36.250	0.00	0.01	3.591	O	|	|	|	2.99
36.333	0.00	0.01	3.591	O	|	|	|	2.99
36.417	0.00	0.01	3.591	O	|	|	|	2.99
36.500	0.00	0.01	3.591	O	|	|	|	2.99
36.583	0.00	0.01	3.591	O	|	|	|	2.99
36.667	0.00	0.01	3.591	O	|	|	|	2.99
36.750	0.00	0.01	3.591	O	|	|	|	2.99
36.833	0.00	0.01	3.591	O	|	|	|	2.99
36.917	0.00	0.01	3.591	O	|	|	|	2.99
37.000	0.00	0.01	3.591	O	|	|	|	2.99
37.083	0.00	0.01	3.590	O	|	|	|	2.99
37.167	0.00	0.01	3.590	O	|	|	|	2.99
37.250	0.00	0.01	3.590	O	|	|	|	2.99
37.333	0.00	0.01	3.590	O	|	|	|	2.99
37.417	0.00	0.01	3.590	O	|	|	|	2.99
37.500	0.00	0.01	3.590	O	|	|	|	2.99
37.583	0.00	0.01	3.590	O	|	|	|	2.99
37.667	0.00	0.01	3.590	O	|	|	|	2.99
37.750	0.00	0.01	3.590	O	|	|	|	2.99
37.833	0.00	0.01	3.590	O	|	|	|	2.99
37.917	0.00	0.01	3.590	O	|	|	|	2.99
38.000	0.00	0.01	3.590	O	|	|	|	2.99
38.083	0.00	0.01	3.590	O	|	|	|	2.99
38.167	0.00	0.01	3.590	O	|	|	|	2.99
38.250	0.00	0.01	3.589	O	|	|	|	2.99
38.333	0.00	0.01	3.589	O	|	|	|	2.99
38.417	0.00	0.01	3.589	O	|	|	|	2.99
38.500	0.00	0.01	3.589	O	|	|	|	2.99
38.583	0.00	0.01	3.589	O	|	|	|	2.99
38.667	0.00	0.01	3.589	O	|	|	|	2.99
38.750	0.00	0.01	3.589	O	|	|	|	2.99
38.833	0.00	0.01	3.589	O	|	|	|	2.99
38.917	0.00	0.01	3.589	O	|	|	|	2.99
39.000	0.00	0.01	3.589	O	|	|	|	2.99
39.083	0.00	0.01	3.589	O	|	|	|	2.99
39.167	0.00	0.01	3.589	O	|	|	|	2.99
39.250	0.00	0.01	3.589	O	|	|	|	2.99
39.333	0.00	0.01	3.589	O	|	|	|	2.99
39.417	0.00	0.01	3.589	O	|	|	|	2.99
39.500	0.00	0.01	3.588	O	|	|	|	2.99
39.583	0.00	0.01	3.588	O	|	|	|	2.99
39.667	0.00	0.01	3.588	O	|	|	|	2.99

39.750	0.00	0.01	3.588	O				2.99
39.833	0.00	0.01	3.588	O				2.99
39.917	0.00	0.01	3.588	O				2.99
40.000	0.00	0.01	3.588	O				2.99
40.083	0.00	0.01	3.588	O				2.99
40.167	0.00	0.01	3.588	O				2.99
40.250	0.00	0.01	3.588	O				2.99
40.333	0.00	0.01	3.588	O				2.99
40.417	0.00	0.01	3.588	O				2.99
40.500	0.00	0.01	3.588	O				2.99
40.583	0.00	0.01	3.588	O				2.99
40.667	0.00	0.01	3.587	O				2.99
40.750	0.00	0.01	3.587	O				2.99
40.833	0.00	0.01	3.587	O				2.99
40.917	0.00	0.01	3.587	O				2.99
41.000	0.00	0.01	3.587	O				2.99
41.083	0.00	0.01	3.587	O				2.99
41.167	0.00	0.01	3.587	O				2.99
41.250	0.00	0.01	3.587	O				2.99
41.333	0.00	0.01	3.587	O				2.99
41.417	0.00	0.01	3.587	O				2.99
41.500	0.00	0.01	3.587	O				2.99
41.583	0.00	0.01	3.587	O				2.99
41.667	0.00	0.01	3.587	O				2.99
41.750	0.00	0.01	3.587	O				2.99
41.833	0.00	0.01	3.587	O				2.99
41.917	0.00	0.01	3.586	O				2.99
42.000	0.00	0.01	3.586	O				2.99
42.083	0.00	0.01	3.586	O				2.99
42.167	0.00	0.01	3.586	O				2.99
42.250	0.00	0.01	3.586	O				2.99
42.333	0.00	0.01	3.586	O				2.99
42.417	0.00	0.01	3.586	O				2.99
42.500	0.00	0.01	3.586	O				2.99
42.583	0.00	0.01	3.586	O				2.99
42.667	0.00	0.01	3.586	O				2.99
42.750	0.00	0.01	3.586	O				2.99
42.833	0.00	0.01	3.586	O				2.99
42.917	0.00	0.01	3.586	O				2.99
43.000	0.00	0.01	3.586	O				2.99
43.083	0.00	0.01	3.585	O				2.99
43.167	0.00	0.01	3.585	O				2.99
43.250	0.00	0.01	3.585	O				2.99
43.333	0.00	0.01	3.585	O				2.99
43.417	0.00	0.01	3.585	O				2.99
43.500	0.00	0.01	3.585	O				2.99
43.583	0.00	0.01	3.585	O				2.99
43.667	0.00	0.01	3.585	O				2.99
43.750	0.00	0.01	3.585	O				2.99
43.833	0.00	0.01	3.585	O				2.99

43.917	0.00	0.01	3.585	O				2.99
44.000	0.00	0.01	3.585	O				2.99
44.083	0.00	0.01	3.585	O				2.99
44.167	0.00	0.01	3.585	O				2.99
44.250	0.00	0.01	3.585	O				2.99
44.333	0.00	0.01	3.584	O				2.99
44.417	0.00	0.01	3.584	O				2.99
44.500	0.00	0.01	3.584	O				2.99
44.583	0.00	0.01	3.584	O				2.99
44.667	0.00	0.01	3.584	O				2.99
44.750	0.00	0.01	3.584	O				2.99
44.833	0.00	0.01	3.584	O				2.99
44.917	0.00	0.01	3.584	O				2.99
45.000	0.00	0.01	3.584	O				2.99
45.083	0.00	0.01	3.584	O				2.99
45.167	0.00	0.01	3.584	O				2.99
45.250	0.00	0.01	3.584	O				2.99
45.333	0.00	0.01	3.584	O				2.99
45.417	0.00	0.01	3.584	O				2.99
45.500	0.00	0.01	3.584	O				2.99
45.583	0.00	0.01	3.583	O				2.99
45.667	0.00	0.01	3.583	O				2.99
45.750	0.00	0.01	3.583	O				2.99
45.833	0.00	0.01	3.583	O				2.99
45.917	0.00	0.01	3.583	O				2.99
46.000	0.00	0.01	3.583	O				2.99
46.083	0.00	0.01	3.583	O				2.99
46.167	0.00	0.01	3.583	O				2.99
46.250	0.00	0.01	3.583	O				2.99
46.333	0.00	0.01	3.583	O				2.99
46.417	0.00	0.01	3.583	O				2.99
46.500	0.00	0.01	3.583	O				2.99
46.583	0.00	0.01	3.583	O				2.99
46.667	0.00	0.01	3.583	O				2.99
46.750	0.00	0.01	3.582	O				2.99
46.833	0.00	0.01	3.582	O				2.99
46.917	0.00	0.01	3.582	O				2.99
47.000	0.00	0.01	3.582	O				2.99
47.083	0.00	0.01	3.582	O				2.99
47.167	0.00	0.01	3.582	O				2.99
47.250	0.00	0.01	3.582	O				2.99
47.333	0.00	0.01	3.582	O				2.98
47.417	0.00	0.01	3.582	O				2.98
47.500	0.00	0.01	3.582	O				2.98
47.583	0.00	0.01	3.582	O				2.98
47.667	0.00	0.01	3.582	O				2.98
47.750	0.00	0.01	3.582	O				2.98
47.833	0.00	0.01	3.582	O				2.98
47.917	0.00	0.01	3.582	O				2.98
48.000	0.00	0.01	3.581	O				2.98

48.083	0.00	0.01	3.581	O				2.98
48.167	0.00	0.01	3.581	O				2.98
48.250	0.00	0.01	3.581	O				2.98
48.333	0.00	0.01	3.581	O				2.98
48.417	0.00	0.01	3.581	O				2.98
48.500	0.00	0.01	3.581	O				2.98
48.583	0.00	0.01	3.581	O				2.98
48.667	0.00	0.01	3.581	O				2.98
48.750	0.00	0.01	3.581	O				2.98
48.833	0.00	0.01	3.581	O				2.98
48.917	0.00	0.01	3.581	O				2.98
49.000	0.00	0.01	3.581	O				2.98
49.083	0.00	0.01	3.581	O				2.98
49.167	0.00	0.01	3.580	O				2.98
49.250	0.00	0.01	3.580	O				2.98
49.333	0.00	0.01	3.580	O				2.98
49.417	0.00	0.01	3.580	O				2.98
49.500	0.00	0.01	3.580	O				2.98
49.583	0.00	0.01	3.580	O				2.98
49.667	0.00	0.01	3.580	O				2.98
49.750	0.00	0.01	3.580	O				2.98
49.833	0.00	0.01	3.580	O				2.98
49.917	0.00	0.01	3.580	O				2.98
50.000	0.00	0.01	3.580	O				2.98
50.083	0.00	0.01	3.580	O				2.98
50.167	0.00	0.01	3.580	O				2.98
50.250	0.00	0.01	3.580	O				2.98
50.333	0.00	0.01	3.580	O				2.98
50.417	0.00	0.01	3.579	O				2.98
50.500	0.00	0.01	3.579	O				2.98
50.583	0.00	0.01	3.579	O				2.98
50.667	0.00	0.01	3.579	O				2.98
50.750	0.00	0.01	3.579	O				2.98
50.833	0.00	0.01	3.579	O				2.98
50.917	0.00	0.01	3.579	O				2.98
51.000	0.00	0.01	3.579	O				2.98
51.083	0.00	0.01	3.579	O				2.98
51.167	0.00	0.01	3.579	O				2.98
51.250	0.00	0.01	3.579	O				2.98
51.333	0.00	0.01	3.579	O				2.98
51.417	0.00	0.01	3.579	O				2.98
51.500	0.00	0.01	3.579	O				2.98
51.583	0.00	0.01	3.578	O				2.98
51.667	0.00	0.01	3.578	O				2.98
51.750	0.00	0.01	3.578	O				2.98
51.833	0.00	0.01	3.578	O				2.98
51.917	0.00	0.01	3.578	O				2.98
52.000	0.00	0.01	3.578	O				2.98
52.083	0.00	0.01	3.578	O				2.98
52.167	0.00	0.01	3.578	O				2.98

52.250	0.00	0.01	3.578	O				2.98
52.333	0.00	0.01	3.578	O				2.98
52.417	0.00	0.01	3.578	O				2.98
52.500	0.00	0.01	3.578	O				2.98
52.583	0.00	0.01	3.578	O				2.98
52.667	0.00	0.01	3.578	O				2.98
52.750	0.00	0.01	3.578	O				2.98
52.833	0.00	0.01	3.577	O				2.98
52.917	0.00	0.01	3.577	O				2.98
53.000	0.00	0.01	3.577	O				2.98
53.083	0.00	0.01	3.577	O				2.98
53.167	0.00	0.01	3.577	O				2.98
53.250	0.00	0.01	3.577	O				2.98
53.333	0.00	0.01	3.577	O				2.98
53.417	0.00	0.01	3.577	O				2.98
53.500	0.00	0.01	3.577	O				2.98
53.583	0.00	0.01	3.577	O				2.98
53.667	0.00	0.01	3.577	O				2.98
53.750	0.00	0.01	3.577	O				2.98
53.833	0.00	0.01	3.577	O				2.98
53.917	0.00	0.01	3.577	O				2.98
54.000	0.00	0.01	3.576	O				2.98
54.083	0.00	0.01	3.576	O				2.98
54.167	0.00	0.01	3.576	O				2.98
54.250	0.00	0.01	3.576	O				2.98
54.333	0.00	0.01	3.576	O				2.98
54.417	0.00	0.01	3.576	O				2.98
54.500	0.00	0.01	3.576	O				2.98
54.583	0.00	0.01	3.576	O				2.98
54.667	0.00	0.01	3.576	O				2.98
54.750	0.00	0.01	3.576	O				2.98
54.833	0.00	0.01	3.576	O				2.98
54.917	0.00	0.01	3.576	O				2.98
55.000	0.00	0.01	3.576	O				2.98
55.083	0.00	0.01	3.576	O				2.98
55.167	0.00	0.01	3.576	O				2.98
55.250	0.00	0.01	3.575	O				2.98
55.333	0.00	0.01	3.575	O				2.98
55.417	0.00	0.01	3.575	O				2.98
55.500	0.00	0.01	3.575	O				2.98
55.583	0.00	0.01	3.575	O				2.98
55.667	0.00	0.01	3.575	O				2.98
55.750	0.00	0.01	3.575	O				2.98
55.833	0.00	0.01	3.575	O				2.98
55.917	0.00	0.01	3.575	O				2.98
56.000	0.00	0.01	3.575	O				2.98
56.083	0.00	0.01	3.575	O				2.98
56.167	0.00	0.01	3.575	O				2.98
56.250	0.00	0.01	3.575	O				2.98
56.333	0.00	0.01	3.575	O				2.98

56.417	0.00	0.01	3.574	O				2.98
56.500	0.00	0.01	3.574	O				2.98
56.583	0.00	0.01	3.574	O				2.98
56.667	0.00	0.01	3.574	O				2.98
56.750	0.00	0.01	3.574	O				2.98
56.833	0.00	0.01	3.574	O				2.98
56.917	0.00	0.01	3.574	O				2.98
57.000	0.00	0.01	3.574	O				2.98
57.083	0.00	0.01	3.574	O				2.98
57.167	0.00	0.01	3.574	O				2.98
57.250	0.00	0.01	3.574	O				2.98
57.333	0.00	0.01	3.574	O				2.98
57.417	0.00	0.01	3.574	O				2.98
57.500	0.00	0.01	3.574	O				2.98
57.583	0.00	0.01	3.574	O				2.98
57.667	0.00	0.01	3.573	O				2.98
57.750	0.00	0.01	3.573	O				2.98
57.833	0.00	0.01	3.573	O				2.98
57.917	0.00	0.01	3.573	O				2.98
58.000	0.00	0.01	3.573	O				2.98
58.083	0.00	0.01	3.573	O				2.98
58.167	0.00	0.01	3.573	O				2.98
58.250	0.00	0.01	3.573	O				2.98
58.333	0.00	0.01	3.573	O				2.98
58.417	0.00	0.01	3.573	O				2.98
58.500	0.00	0.01	3.573	O				2.98
58.583	0.00	0.01	3.573	O				2.98
58.667	0.00	0.01	3.573	O				2.98
58.750	0.00	0.01	3.573	O				2.98
58.833	0.00	0.01	3.572	O				2.98
58.917	0.00	0.01	3.572	O				2.98
59.000	0.00	0.01	3.572	O				2.98
59.083	0.00	0.01	3.572	O				2.98
59.167	0.00	0.01	3.572	O				2.98
59.250	0.00	0.01	3.572	O				2.98
59.333	0.00	0.01	3.572	O				2.98
59.417	0.00	0.01	3.572	O				2.98
59.500	0.00	0.01	3.572	O				2.98
59.583	0.00	0.01	3.572	O				2.98
59.667	0.00	0.01	3.572	O				2.98
59.750	0.00	0.01	3.572	O				2.98
59.833	0.00	0.01	3.572	O				2.98
59.917	0.00	0.01	3.572	O				2.98
60.000	0.00	0.01	3.572	O				2.98
60.083	0.00	0.01	3.571	O				2.98
60.167	0.00	0.01	3.571	O				2.98
60.250	0.00	0.01	3.571	O				2.98
60.333	0.00	0.01	3.571	O				2.98
60.417	0.00	0.01	3.571	O				2.98
60.500	0.00	0.01	3.571	O				2.98

60.583	0.00	0.01	3.571	O				2.98
60.667	0.00	0.01	3.571	O				2.98
60.750	0.00	0.01	3.571	O				2.98
60.833	0.00	0.01	3.571	O				2.98
60.917	0.00	0.01	3.571	O				2.98
61.000	0.00	0.01	3.571	O				2.98
61.083	0.00	0.01	3.571	O				2.98
61.167	0.00	0.01	3.571	O				2.98
61.250	0.00	0.01	3.570	O				2.98
61.333	0.00	0.01	3.570	O				2.98
61.417	0.00	0.01	3.570	O				2.98
61.500	0.00	0.01	3.570	O				2.98
61.583	0.00	0.01	3.570	O				2.98
61.667	0.00	0.01	3.570	O				2.98
61.750	0.00	0.01	3.570	O				2.98
61.833	0.00	0.01	3.570	O				2.98
61.917	0.00	0.01	3.570	O				2.97
62.000	0.00	0.01	3.570	O				2.97
62.083	0.00	0.01	3.570	O				2.97
62.167	0.00	0.01	3.570	O				2.97
62.250	0.00	0.01	3.570	O				2.97
62.333	0.00	0.01	3.570	O				2.97
62.417	0.00	0.01	3.570	O				2.97
62.500	0.00	0.01	3.569	O				2.97
62.583	0.00	0.01	3.569	O				2.97
62.667	0.00	0.01	3.569	O				2.97
62.750	0.00	0.01	3.569	O				2.97
62.833	0.00	0.01	3.569	O				2.97
62.917	0.00	0.01	3.569	O				2.97
63.000	0.00	0.01	3.569	O				2.97
63.083	0.00	0.01	3.569	O				2.97
63.167	0.00	0.01	3.569	O				2.97
63.250	0.00	0.01	3.569	O				2.97
63.333	0.00	0.01	3.569	O				2.97
63.417	0.00	0.01	3.569	O				2.97
63.500	0.00	0.01	3.569	O				2.97
63.583	0.00	0.01	3.569	O				2.97
63.667	0.00	0.01	3.568	O				2.97
63.750	0.00	0.01	3.568	O				2.97
63.833	0.00	0.01	3.568	O				2.97
63.917	0.00	0.01	3.568	O				2.97
64.000	0.00	0.01	3.568	O				2.97
64.083	0.00	0.01	3.568	O				2.97
64.167	0.00	0.01	3.568	O				2.97
64.250	0.00	0.01	3.568	O				2.97
64.333	0.00	0.01	3.568	O				2.97
64.417	0.00	0.01	3.568	O				2.97
64.500	0.00	0.01	3.568	O				2.97
64.583	0.00	0.01	3.568	O				2.97
64.667	0.00	0.01	3.568	O				2.97

64.750	0.00	0.01	3.568	O				2.97
64.833	0.00	0.01	3.568	O				2.97
64.917	0.00	0.01	3.567	O				2.97
65.000	0.00	0.01	3.567	O				2.97
65.083	0.00	0.01	3.567	O				2.97
65.167	0.00	0.01	3.567	O				2.97
65.250	0.00	0.01	3.567	O				2.97
65.333	0.00	0.01	3.567	O				2.97
65.417	0.00	0.01	3.567	O				2.97
65.500	0.00	0.01	3.567	O				2.97
65.583	0.00	0.01	3.567	O				2.97
65.667	0.00	0.01	3.567	O				2.97
65.750	0.00	0.01	3.567	O				2.97
65.833	0.00	0.01	3.567	O				2.97
65.917	0.00	0.01	3.567	O				2.97
66.000	0.00	0.01	3.567	O				2.97
66.083	0.00	0.01	3.566	O				2.97
66.167	0.00	0.01	3.566	O				2.97
66.250	0.00	0.01	3.566	O				2.97
66.333	0.00	0.01	3.566	O				2.97
66.417	0.00	0.01	3.566	O				2.97
66.500	0.00	0.01	3.566	O				2.97
66.583	0.00	0.01	3.566	O				2.97
66.667	0.00	0.01	3.566	O				2.97
66.750	0.00	0.01	3.566	O				2.97
66.833	0.00	0.01	3.566	O				2.97
66.917	0.00	0.01	3.566	O				2.97
67.000	0.00	0.01	3.566	O				2.97
67.083	0.00	0.01	3.566	O				2.97
67.167	0.00	0.01	3.566	O				2.97
67.250	0.00	0.01	3.566	O				2.97
67.333	0.00	0.01	3.565	O				2.97
67.417	0.00	0.01	3.565	O				2.97
67.500	0.00	0.01	3.565	O				2.97
67.583	0.00	0.01	3.565	O				2.97
67.667	0.00	0.01	3.565	O				2.97
67.750	0.00	0.01	3.565	O				2.97
67.833	0.00	0.01	3.565	O				2.97
67.917	0.00	0.01	3.565	O				2.97
68.000	0.00	0.01	3.565	O				2.97
68.083	0.00	0.01	3.565	O				2.97
68.167	0.00	0.01	3.565	O				2.97
68.250	0.00	0.01	3.565	O				2.97
68.333	0.00	0.01	3.565	O				2.97
68.417	0.00	0.01	3.565	O				2.97
68.500	0.00	0.01	3.564	O				2.97
68.583	0.00	0.01	3.564	O				2.97
68.667	0.00	0.01	3.564	O				2.97
68.750	0.00	0.01	3.564	O				2.97
68.833	0.00	0.01	3.564	O				2.97

68.917	0.00	0.01	3.564	O				2.97
69.000	0.00	0.01	3.564	O				2.97
69.083	0.00	0.01	3.564	O				2.97
69.167	0.00	0.01	3.564	O				2.97
69.250	0.00	0.01	3.564	O				2.97
69.333	0.00	0.01	3.564	O				2.97
69.417	0.00	0.01	3.564	O				2.97
69.500	0.00	0.01	3.564	O				2.97
69.583	0.00	0.01	3.564	O				2.97
69.667	0.00	0.01	3.564	O				2.97
69.750	0.00	0.01	3.563	O				2.97
69.833	0.00	0.01	3.563	O				2.97
69.917	0.00	0.01	3.563	O				2.97
70.000	0.00	0.01	3.563	O				2.97
70.083	0.00	0.01	3.563	O				2.97
70.167	0.00	0.01	3.563	O				2.97
70.250	0.00	0.01	3.563	O				2.97
70.333	0.00	0.01	3.563	O				2.97
70.417	0.00	0.01	3.563	O				2.97
70.500	0.00	0.01	3.563	O				2.97
70.583	0.00	0.01	3.563	O				2.97
70.667	0.00	0.01	3.563	O				2.97
70.750	0.00	0.01	3.563	O				2.97
70.833	0.00	0.01	3.563	O				2.97
70.917	0.00	0.01	3.562	O				2.97
71.000	0.00	0.01	3.562	O				2.97
71.083	0.00	0.01	3.562	O				2.97
71.167	0.00	0.01	3.562	O				2.97
71.250	0.00	0.01	3.562	O				2.97
71.333	0.00	0.01	3.562	O				2.97
71.417	0.00	0.01	3.562	O				2.97
71.500	0.00	0.01	3.562	O				2.97
71.583	0.00	0.01	3.562	O				2.97
71.667	0.00	0.01	3.562	O				2.97
71.750	0.00	0.01	3.562	O				2.97
71.833	0.00	0.01	3.562	O				2.97
71.917	0.00	0.01	3.562	O				2.97
72.000	0.00	0.01	3.562	O				2.97
72.083	0.00	0.01	3.562	O				2.97
72.167	0.00	0.01	3.561	O				2.97
72.250	0.00	0.01	3.561	O				2.97
72.333	0.00	0.01	3.561	O				2.97
72.417	0.00	0.01	3.561	O				2.97
72.500	0.00	0.01	3.561	O				2.97
72.583	0.00	0.01	3.561	O				2.97
72.667	0.00	0.01	3.561	O				2.97
72.750	0.00	0.01	3.561	O				2.97
72.833	0.00	0.01	3.561	O				2.97
72.917	0.00	0.01	3.561	O				2.97
73.000	0.00	0.01	3.561	O				2.97

73.083	0.00	0.01	3.561	O				2.97
73.167	0.00	0.01	3.561	O				2.97
73.250	0.00	0.01	3.561	O				2.97
73.333	0.00	0.01	3.560	O				2.97
73.417	0.00	0.01	3.560	O				2.97
73.500	0.00	0.01	3.560	O				2.97
73.583	0.00	0.01	3.560	O				2.97
73.667	0.00	0.01	3.560	O				2.97
73.750	0.00	0.01	3.560	O				2.97
73.833	0.00	0.01	3.560	O				2.97
73.917	0.00	0.01	3.560	O				2.97
74.000	0.00	0.01	3.560	O				2.97
74.083	0.00	0.01	3.560	O				2.97
74.167	0.00	0.01	3.560	O				2.97
74.250	0.00	0.01	3.560	O				2.97
74.333	0.00	0.01	3.560	O				2.97
74.417	0.00	0.01	3.560	O				2.97
74.500	0.00	0.01	3.560	O				2.97
74.583	0.00	0.01	3.559	O				2.97
74.667	0.00	0.01	3.559	O				2.97
74.750	0.00	0.01	3.559	O				2.97
74.833	0.00	0.01	3.559	O				2.97
74.917	0.00	0.01	3.559	O				2.97
75.000	0.00	0.01	3.559	O				2.97
75.083	0.00	0.01	3.559	O				2.97
75.167	0.00	0.01	3.559	O				2.97
75.250	0.00	0.01	3.559	O				2.97
75.333	0.00	0.01	3.559	O				2.97
75.417	0.00	0.01	3.559	O				2.97
75.500	0.00	0.01	3.559	O				2.97
75.583	0.00	0.01	3.559	O				2.97
75.667	0.00	0.01	3.559	O				2.97
75.750	0.00	0.01	3.559	O				2.97
75.833	0.00	0.01	3.558	O				2.97
75.917	0.00	0.01	3.558	O				2.97
76.000	0.00	0.01	3.558	O				2.97
76.083	0.00	0.01	3.558	O				2.97
76.167	0.00	0.01	3.558	O				2.97
76.250	0.00	0.01	3.558	O				2.97
76.333	0.00	0.01	3.558	O				2.97
76.417	0.00	0.01	3.558	O				2.96
76.500	0.00	0.01	3.558	O				2.96
76.583	0.00	0.01	3.558	O				2.96
76.667	0.00	0.01	3.558	O				2.96
76.750	0.00	0.01	3.558	O				2.96
76.833	0.00	0.01	3.558	O				2.96
76.917	0.00	0.01	3.558	O				2.96
77.000	0.00	0.01	3.557	O				2.96
77.083	0.00	0.01	3.557	O				2.96
77.167	0.00	0.01	3.557	O				2.96

77.250	0.00	0.01	3.557	O				2.96
77.333	0.00	0.01	3.557	O				2.96
77.417	0.00	0.01	3.557	O				2.96
77.500	0.00	0.01	3.557	O				2.96
77.583	0.00	0.01	3.557	O				2.96
77.667	0.00	0.01	3.557	O				2.96
77.750	0.00	0.01	3.557	O				2.96
77.833	0.00	0.01	3.557	O				2.96
77.917	0.00	0.01	3.557	O				2.96
78.000	0.00	0.01	3.557	O				2.96
78.083	0.00	0.01	3.557	O				2.96
78.167	0.00	0.01	3.557	O				2.96
78.250	0.00	0.01	3.556	O				2.96
78.333	0.00	0.01	3.556	O				2.96
78.417	0.00	0.01	3.556	O				2.96
78.500	0.00	0.01	3.556	O				2.96
78.583	0.00	0.01	3.556	O				2.96
78.667	0.00	0.01	3.556	O				2.96
78.750	0.00	0.01	3.556	O				2.96
78.833	0.00	0.01	3.556	O				2.96
78.917	0.00	0.01	3.556	O				2.96
79.000	0.00	0.01	3.556	O				2.96
79.083	0.00	0.01	3.556	O				2.96
79.167	0.00	0.01	3.556	O				2.96
79.250	0.00	0.01	3.556	O				2.96
79.333	0.00	0.01	3.556	O				2.96
79.417	0.00	0.01	3.555	O				2.96
79.500	0.00	0.01	3.555	O				2.96
79.583	0.00	0.01	3.555	O				2.96
79.667	0.00	0.01	3.555	O				2.96
79.750	0.00	0.01	3.555	O				2.96
79.833	0.00	0.01	3.555	O				2.96
79.917	0.00	0.01	3.555	O				2.96
80.000	0.00	0.01	3.555	O				2.96
80.083	0.00	0.01	3.555	O				2.96
80.167	0.00	0.01	3.555	O				2.96
80.250	0.00	0.01	3.555	O				2.96
80.333	0.00	0.01	3.555	O				2.96
80.417	0.00	0.01	3.555	O				2.96
80.500	0.00	0.01	3.555	O				2.96
80.583	0.00	0.01	3.555	O				2.96
80.667	0.00	0.01	3.554	O				2.96
80.750	0.00	0.01	3.554	O				2.96
80.833	0.00	0.01	3.554	O				2.96
80.917	0.00	0.01	3.554	O				2.96
81.000	0.00	0.01	3.554	O				2.96
81.083	0.00	0.01	3.554	O				2.96
81.167	0.00	0.01	3.554	O				2.96
81.250	0.00	0.01	3.554	O				2.96
81.333	0.00	0.01	3.554	O				2.96

81.417	0.00	0.01	3.554	O					2.96
81.500	0.00	0.01	3.554	O					2.96
81.583	0.00	0.01	3.554	O					2.96
81.667	0.00	0.01	3.554	O					2.96
81.750	0.00	0.01	3.554	O					2.96
81.833	0.00	0.01	3.553	O					2.96
81.917	0.00	0.01	3.553	O					2.96
82.000	0.00	0.01	3.553	O					2.96
82.083	0.00	0.01	3.553	O					2.96
82.167	0.00	0.01	3.553	O					2.96
82.250	0.00	0.01	3.553	O					2.96
82.333	0.00	0.01	3.553	O					2.96
82.417	0.00	0.01	3.553	O					2.96
82.500	0.00	0.01	3.553	O					2.96
82.583	0.00	0.01	3.553	O					2.96
82.667	0.00	0.01	3.553	O					2.96
82.750	0.00	0.01	3.553	O					2.96
82.833	0.00	0.01	3.553	O					2.96
82.917	0.00	0.01	3.553	O					2.96
83.000	0.00	0.01	3.553	O					2.96
83.083	0.00	0.01	3.552	O					2.96
83.167	0.00	0.01	3.552	O					2.96
83.250	0.00	0.01	3.552	O					2.96
83.333	0.00	0.01	3.552	O					2.96
83.417	0.00	0.01	3.552	O					2.96
83.500	0.00	0.01	3.552	O					2.96
83.583	0.00	0.01	3.552	O					2.96
83.667	0.00	0.01	3.552	O					2.96
83.750	0.00	0.01	3.552	O					2.96
83.833	0.00	0.01	3.552	O					2.96
83.917	0.00	0.01	3.552	O					2.96
84.000	0.00	0.01	3.552	O					2.96
84.083	0.00	0.01	3.552	O					2.96
84.167	0.00	0.01	3.552	O					2.96
84.250	0.00	0.01	3.551	O					2.96
84.333	0.00	0.01	3.551	O					2.96
84.417	0.00	0.01	3.551	O					2.96
84.500	0.00	0.01	3.551	O					2.96
84.583	0.00	0.01	3.551	O					2.96
84.667	0.00	0.01	3.551	O					2.96
84.750	0.00	0.01	3.551	O					2.96
84.833	0.00	0.01	3.551	O					2.96
84.917	0.00	0.01	3.551	O					2.96
85.000	0.00	0.01	3.551	O					2.96
85.083	0.00	0.01	3.551	O					2.96
85.167	0.00	0.01	3.551	O					2.96
85.250	0.00	0.01	3.551	O					2.96
85.333	0.00	0.01	3.551	O					2.96
85.417	0.00	0.01	3.551	O					2.96
85.500	0.00	0.01	3.550	O					2.96

85.583	0.00	0.01	3.550	O	|	|	|	2.96
85.667	0.00	0.01	3.550	O	|	|	|	2.96
85.750	0.00	0.01	3.550	O	|	|	|	2.96
85.833	0.00	0.01	3.550	O	|	|	|	2.96
85.917	0.00	0.01	3.550	O	|	|	|	2.96
86.000	0.00	0.01	3.550	O	|	|	|	2.96
86.083	0.00	0.01	3.550	O	|	|	|	2.96
86.167	0.00	0.01	3.550	O	|	|	|	2.96
86.250	0.00	0.01	3.550	O	|	|	|	2.96
86.333	0.00	0.01	3.550	O	|	|	|	2.96
86.417	0.00	0.01	3.550	O	|	|	|	2.96
86.500	0.00	0.01	3.550	O	|	|	|	2.96
86.583	0.00	0.01	3.550	O	|	|	|	2.96
86.667	0.00	0.01	3.549	O	|	|	|	2.96
86.750	0.00	0.01	3.549	O	|	|	|	2.96
86.833	0.00	0.01	3.549	O	|	|	|	2.96
86.917	0.00	0.01	3.549	O	|	|	|	2.96
87.000	0.00	0.01	3.549	O	|	|	|	2.96
87.083	0.00	0.01	3.549	O	|	|	|	2.96
87.167	0.00	0.01	3.549	O	|	|	|	2.96
87.250	0.00	0.01	3.549	O	|	|	|	2.96
87.333	0.00	0.01	3.549	O	|	|	|	2.96
87.417	0.00	0.01	3.549	O	|	|	|	2.96
87.500	0.00	0.01	3.549	O	|	|	|	2.96
87.583	0.00	0.01	3.549	O	|	|	|	2.96
87.667	0.00	0.01	3.549	O	|	|	|	2.96
87.750	0.00	0.01	3.549	O	|	|	|	2.96
87.833	0.00	0.01	3.549	O	|	|	|	2.96
87.917	0.00	0.01	3.548	O	|	|	|	2.96
88.000	0.00	0.01	3.548	O	|	|	|	2.96
88.083	0.00	0.01	3.548	O	|	|	|	2.96
88.167	0.00	0.01	3.548	O	|	|	|	2.96
88.250	0.00	0.01	3.548	O	|	|	|	2.96
88.333	0.00	0.01	3.548	O	|	|	|	2.96
88.417	0.00	0.01	3.548	O	|	|	|	2.96
88.500	0.00	0.01	3.548	O	|	|	|	2.96
88.583	0.00	0.01	3.548	O	|	|	|	2.96
88.667	0.00	0.01	3.548	O	|	|	|	2.96
88.750	0.00	0.01	3.548	O	|	|	|	2.96
88.833	0.00	0.01	3.548	O	|	|	|	2.96
88.917	0.00	0.01	3.548	O	|	|	|	2.96
89.000	0.00	0.01	3.548	O	|	|	|	2.96
89.083	0.00	0.01	3.547	O	|	|	|	2.96
89.167	0.00	0.01	3.547	O	|	|	|	2.96
89.250	0.00	0.01	3.547	O	|	|	|	2.96
89.333	0.00	0.01	3.547	O	|	|	|	2.96
89.417	0.00	0.01	3.547	O	|	|	|	2.96
89.500	0.00	0.01	3.547	O	|	|	|	2.96
89.583	0.00	0.01	3.547	O	|	|	|	2.96
89.667	0.00	0.01	3.547	O	|	|	|	2.96

89.750	0.00	0.01	3.547	O				2.96
89.833	0.00	0.01	3.547	O				2.96
89.917	0.00	0.01	3.547	O				2.96
90.000	0.00	0.01	3.547	O				2.96
90.083	0.00	0.01	3.547	O				2.96
90.167	0.00	0.01	3.547	O				2.96
90.250	0.00	0.01	3.547	O				2.96
90.333	0.00	0.01	3.546	O				2.96
90.417	0.00	0.01	3.546	O				2.96
90.500	0.00	0.01	3.546	O				2.96
90.583	0.00	0.01	3.546	O				2.96
90.667	0.00	0.01	3.546	O				2.96
90.750	0.00	0.01	3.546	O				2.96
90.833	0.00	0.01	3.546	O				2.96
90.917	0.00	0.01	3.546	O				2.95
91.000	0.00	0.01	3.546	O				2.95
91.083	0.00	0.01	3.546	O				2.95
91.167	0.00	0.01	3.546	O				2.95
91.250	0.00	0.01	3.546	O				2.95
91.333	0.00	0.01	3.546	O				2.95
91.417	0.00	0.01	3.546	O				2.95
91.500	0.00	0.01	3.545	O				2.95
91.583	0.00	0.01	3.545	O				2.95
91.667	0.00	0.01	3.545	O				2.95
91.750	0.00	0.01	3.545	O				2.95
91.833	0.00	0.01	3.545	O				2.95
91.917	0.00	0.01	3.545	O				2.95
92.000	0.00	0.01	3.545	O				2.95
92.083	0.00	0.01	3.545	O				2.95
92.167	0.00	0.01	3.545	O				2.95
92.250	0.00	0.01	3.545	O				2.95
92.333	0.00	0.01	3.545	O				2.95
92.417	0.00	0.01	3.545	O				2.95
92.500	0.00	0.01	3.545	O				2.95
92.583	0.00	0.01	3.545	O				2.95
92.667	0.00	0.01	3.545	O				2.95
92.750	0.00	0.01	3.544	O				2.95
92.833	0.00	0.01	3.544	O				2.95
92.917	0.00	0.01	3.544	O				2.95
93.000	0.00	0.01	3.544	O				2.95
93.083	0.00	0.01	3.544	O				2.95
93.167	0.00	0.01	3.544	O				2.95
93.250	0.00	0.01	3.544	O				2.95
93.333	0.00	0.01	3.544	O				2.95
93.417	0.00	0.01	3.544	O				2.95
93.500	0.00	0.01	3.544	O				2.95
93.583	0.00	0.01	3.544	O				2.95
93.667	0.00	0.01	3.544	O				2.95
93.750	0.00	0.01	3.544	O				2.95
93.833	0.00	0.01	3.544	O				2.95

93.917	0.00	0.01	3.543	O				2.95
94.000	0.00	0.01	3.543	O				2.95
94.083	0.00	0.01	3.543	O				2.95
94.167	0.00	0.01	3.543	O				2.95
94.250	0.00	0.01	3.543	O				2.95
94.333	0.00	0.01	3.543	O				2.95
94.417	0.00	0.01	3.543	O				2.95
94.500	0.00	0.01	3.543	O				2.95
94.583	0.00	0.01	3.543	O				2.95
94.667	0.00	0.01	3.543	O				2.95
94.750	0.00	0.01	3.543	O				2.95
94.833	0.00	0.01	3.543	O				2.95
94.917	0.00	0.01	3.543	O				2.95
95.000	0.00	0.01	3.543	O				2.95
95.083	0.00	0.01	3.543	O				2.95
95.167	0.00	0.01	3.542	O				2.95
95.250	0.00	0.01	3.542	O				2.95
95.333	0.00	0.01	3.542	O				2.95
95.417	0.00	0.01	3.542	O				2.95
95.500	0.00	0.01	3.542	O				2.95
95.583	0.00	0.01	3.542	O				2.95
95.667	0.00	0.01	3.542	O				2.95
95.750	0.00	0.01	3.542	O				2.95
95.833	0.00	0.01	3.542	O				2.95
95.917	0.00	0.01	3.542	O				2.95
96.000	0.00	0.01	3.542	O				2.95
96.083	0.00	0.01	3.542	O				2.95
96.167	0.00	0.01	3.542	O				2.95
96.250	0.00	0.01	3.542	O				2.95
96.333	0.00	0.01	3.541	O				2.95
96.417	0.00	0.01	3.541	O				2.95
96.500	0.00	0.01	3.541	O				2.95
96.583	0.00	0.01	3.541	O				2.95
96.667	0.00	0.01	3.541	O				2.95
96.750	0.00	0.01	3.541	O				2.95
96.833	0.00	0.01	3.541	O				2.95
96.917	0.00	0.01	3.541	O				2.95
97.000	0.00	0.01	3.541	O				2.95
97.083	0.00	0.01	3.541	O				2.95
97.167	0.00	0.01	3.541	O				2.95
97.250	0.00	0.01	3.541	O				2.95
97.333	0.00	0.01	3.541	O				2.95
97.417	0.00	0.01	3.541	O				2.95
97.500	0.00	0.01	3.541	O				2.95
97.583	0.00	0.01	3.540	O				2.95
97.667	0.00	0.01	3.540	O				2.95
97.750	0.00	0.01	3.540	O				2.95
97.833	0.00	0.01	3.540	O				2.95
97.917	0.00	0.01	3.540	O				2.95
98.000	0.00	0.01	3.540	O				2.95

98.083	0.00	0.01	3.540	O				2.95
98.167	0.00	0.01	3.540	O				2.95
98.250	0.00	0.01	3.540	O				2.95
98.333	0.00	0.01	3.540	O				2.95
98.417	0.00	0.01	3.540	O				2.95
98.500	0.00	0.01	3.540	O				2.95
98.583	0.00	0.01	3.540	O				2.95
98.667	0.00	0.01	3.540	O				2.95
98.750	0.00	0.01	3.539	O				2.95
98.833	0.00	0.01	3.539	O				2.95
98.917	0.00	0.01	3.539	O				2.95
99.000	0.00	0.01	3.539	O				2.95
99.083	0.00	0.01	3.539	O				2.95
99.167	0.00	0.01	3.539	O				2.95
99.250	0.00	0.01	3.539	O				2.95
99.333	0.00	0.01	3.539	O				2.95
99.417	0.00	0.01	3.539	O				2.95
99.500	0.00	0.01	3.539	O				2.95
99.583	0.00	0.01	3.539	O				2.95
99.667	0.00	0.01	3.539	O				2.95
99.750	0.00	0.01	3.539	O				2.95
99.833	0.00	0.01	3.539	O				2.95
99.917	0.00	0.01	3.539	O				2.95
100.000	0.00	0.01	3.538	O				2.95
100.083	0.00	0.01	3.538	O				2.95
100.167	0.00	0.01	3.538	O				2.95
100.250	0.00	0.01	3.538	O				2.95
100.333	0.00	0.01	3.538	O				2.95
100.417	0.00	0.01	3.538	O				2.95
100.500	0.00	0.01	3.538	O				2.95
100.583	0.00	0.01	3.538	O				2.95
100.667	0.00	0.01	3.538	O				2.95
100.750	0.00	0.01	3.538	O				2.95
100.833	0.00	0.01	3.538	O				2.95
100.917	0.00	0.01	3.538	O				2.95
101.000	0.00	0.01	3.538	O				2.95
101.083	0.00	0.01	3.538	O				2.95
101.167	0.00	0.01	3.537	O				2.95
101.250	0.00	0.01	3.537	O				2.95
101.333	0.00	0.01	3.537	O				2.95
101.417	0.00	0.01	3.537	O				2.95
101.500	0.00	0.01	3.537	O				2.95
101.583	0.00	0.01	3.537	O				2.95
101.667	0.00	0.01	3.537	O				2.95
101.750	0.00	0.01	3.537	O				2.95
101.833	0.00	0.01	3.537	O				2.95
101.917	0.00	0.01	3.537	O				2.95
102.000	0.00	0.01	3.537	O				2.95
102.083	0.00	0.01	3.537	O				2.95
102.167	0.00	0.01	3.537	O				2.95

102.250	0.00	0.01	3.537	O				2.95
102.333	0.00	0.01	3.537	O				2.95
102.417	0.00	0.01	3.536	O				2.95
102.500	0.00	0.01	3.536	O				2.95
102.583	0.00	0.01	3.536	O				2.95
102.667	0.00	0.01	3.536	O				2.95
102.750	0.00	0.01	3.536	O				2.95
102.833	0.00	0.01	3.536	O				2.95
102.917	0.00	0.01	3.536	O				2.95
103.000	0.00	0.01	3.536	O				2.95
103.083	0.00	0.01	3.536	O				2.95
103.167	0.00	0.01	3.536	O				2.95
103.250	0.00	0.01	3.536	O				2.95
103.333	0.00	0.01	3.536	O				2.95
103.417	0.00	0.01	3.536	O				2.95
103.500	0.00	0.01	3.536	O				2.95
103.583	0.00	0.01	3.535	O				2.95
103.667	0.00	0.01	3.535	O				2.95
103.750	0.00	0.01	3.535	O				2.95
103.833	0.00	0.01	3.535	O				2.95
103.917	0.00	0.01	3.535	O				2.95
104.000	0.00	0.01	3.535	O				2.95
104.083	0.00	0.01	3.535	O				2.95
104.167	0.00	0.01	3.535	O				2.95
104.250	0.00	0.01	3.535	O				2.95
104.333	0.00	0.01	3.535	O				2.95
104.417	0.00	0.01	3.535	O				2.95
104.500	0.00	0.01	3.535	O				2.95
104.583	0.00	0.01	3.535	O				2.95
104.667	0.00	0.01	3.535	O				2.95
104.750	0.00	0.01	3.535	O				2.95
104.833	0.00	0.01	3.534	O				2.95
104.917	0.00	0.01	3.534	O				2.95
105.000	0.00	0.01	3.534	O				2.95
105.083	0.00	0.01	3.534	O				2.95
105.167	0.00	0.01	3.534	O				2.95
105.250	0.00	0.01	3.534	O				2.95
105.333	0.00	0.01	3.534	O				2.95
105.417	0.00	0.01	3.534	O				2.94
105.500	0.00	0.01	3.534	O				2.94
105.583	0.00	0.01	3.534	O				2.94
105.667	0.00	0.01	3.534	O				2.94
105.750	0.00	0.01	3.534	O				2.94
105.833	0.00	0.01	3.534	O				2.94
105.917	0.00	0.01	3.534	O				2.94
106.000	0.00	0.01	3.534	O				2.94
106.083	0.00	0.01	3.533	O				2.94
106.167	0.00	0.01	3.533	O				2.94
106.250	0.00	0.01	3.533	O				2.94
106.333	0.00	0.01	3.533	O				2.94

106.417	0.00	0.01	3.533	O				2.94
106.500	0.00	0.01	3.533	O				2.94
106.583	0.00	0.01	3.533	O				2.94
106.667	0.00	0.01	3.533	O				2.94
106.750	0.00	0.01	3.533	O				2.94
106.833	0.00	0.01	3.533	O				2.94
106.917	0.00	0.01	3.533	O				2.94
107.000	0.00	0.01	3.533	O				2.94
107.083	0.00	0.01	3.533	O				2.94
107.167	0.00	0.01	3.533	O				2.94
107.250	0.00	0.01	3.532	O				2.94
107.333	0.00	0.01	3.532	O				2.94
107.417	0.00	0.01	3.532	O				2.94
107.500	0.00	0.01	3.532	O				2.94
107.583	0.00	0.01	3.532	O				2.94
107.667	0.00	0.01	3.532	O				2.94
107.750	0.00	0.01	3.532	O				2.94
107.833	0.00	0.01	3.532	O				2.94
107.917	0.00	0.01	3.532	O				2.94
108.000	0.00	0.01	3.532	O				2.94
108.083	0.00	0.01	3.532	O				2.94
108.167	0.00	0.01	3.532	O				2.94
108.250	0.00	0.01	3.532	O				2.94
108.333	0.00	0.01	3.532	O				2.94
108.417	0.00	0.01	3.532	O				2.94
108.500	0.00	0.01	3.531	O				2.94
108.583	0.00	0.01	3.531	O				2.94
108.667	0.00	0.01	3.531	O				2.94
108.750	0.00	0.01	3.531	O				2.94
108.833	0.00	0.01	3.531	O				2.94
108.917	0.00	0.01	3.531	O				2.94
109.000	0.00	0.01	3.531	O				2.94
109.083	0.00	0.01	3.531	O				2.94
109.167	0.00	0.01	3.531	O				2.94
109.250	0.00	0.01	3.531	O				2.94
109.333	0.00	0.01	3.531	O				2.94
109.417	0.00	0.01	3.531	O				2.94
109.500	0.00	0.01	3.531	O				2.94
109.583	0.00	0.01	3.531	O				2.94
109.667	0.00	0.01	3.530	O				2.94
109.750	0.00	0.01	3.530	O				2.94
109.833	0.00	0.01	3.530	O				2.94
109.917	0.00	0.01	3.530	O				2.94
110.000	0.00	0.01	3.530	O				2.94
110.083	0.00	0.01	3.530	O				2.94
110.167	0.00	0.01	3.530	O				2.94
110.250	0.00	0.01	3.530	O				2.94
110.333	0.00	0.01	3.530	O				2.94
110.417	0.00	0.01	3.530	O				2.94
110.500	0.00	0.01	3.530	O				2.94

110.583	0.00	0.01	3.530	O					2.94
110.667	0.00	0.01	3.530	O					2.94
110.750	0.00	0.01	3.530	O					2.94
110.833	0.00	0.01	3.530	O					2.94
110.917	0.00	0.01	3.529	O					2.94
111.000	0.00	0.01	3.529	O					2.94
111.083	0.00	0.01	3.529	O					2.94
111.167	0.00	0.01	3.529	O					2.94
111.250	0.00	0.01	3.529	O					2.94
111.333	0.00	0.01	3.529	O					2.94
111.417	0.00	0.01	3.529	O					2.94
111.500	0.00	0.01	3.529	O					2.94
111.583	0.00	0.01	3.529	O					2.94
111.667	0.00	0.01	3.529	O					2.94
111.750	0.00	0.01	3.529	O					2.94
111.833	0.00	0.01	3.529	O					2.94
111.917	0.00	0.01	3.529	O					2.94
112.000	0.00	0.01	3.529	O					2.94
112.083	0.00	0.01	3.528	O					2.94
112.167	0.00	0.01	3.528	O					2.94
112.250	0.00	0.01	3.528	O					2.94
112.333	0.00	0.01	3.528	O					2.94
112.417	0.00	0.01	3.528	O					2.94
112.500	0.00	0.01	3.528	O					2.94
112.583	0.00	0.01	3.528	O					2.94
112.667	0.00	0.01	3.528	O					2.94
112.750	0.00	0.01	3.528	O					2.94
112.833	0.00	0.01	3.528	O					2.94
112.917	0.00	0.01	3.528	O					2.94
113.000	0.00	0.01	3.528	O					2.94
113.083	0.00	0.01	3.528	O					2.94
113.167	0.00	0.01	3.528	O					2.94
113.250	0.00	0.01	3.528	O					2.94
113.333	0.00	0.01	3.527	O					2.94
113.417	0.00	0.01	3.527	O					2.94
113.500	0.00	0.01	3.527	O					2.94
113.583	0.00	0.01	3.527	O					2.94
113.667	0.00	0.01	3.527	O					2.94
113.750	0.00	0.01	3.527	O					2.94
113.833	0.00	0.01	3.527	O					2.94
113.917	0.00	0.01	3.527	O					2.94
114.000	0.00	0.01	3.527	O					2.94
114.083	0.00	0.01	3.527	O					2.94
114.167	0.00	0.01	3.527	O					2.94
114.250	0.00	0.01	3.527	O					2.94
114.333	0.00	0.01	3.527	O					2.94
114.417	0.00	0.01	3.527	O					2.94
114.500	0.00	0.01	3.526	O					2.94
114.583	0.00	0.01	3.526	O					2.94
114.667	0.00	0.01	3.526	O					2.94

114.750	0.00	0.01	3.526	O				2.94
114.833	0.00	0.01	3.526	O				2.94
114.917	0.00	0.01	3.526	O				2.94
115.000	0.00	0.01	3.526	O				2.94
115.083	0.00	0.01	3.526	O				2.94
115.167	0.00	0.01	3.526	O				2.94
115.250	0.00	0.01	3.526	O				2.94
115.333	0.00	0.01	3.526	O				2.94
115.417	0.00	0.01	3.526	O				2.94
115.500	0.00	0.01	3.526	O				2.94
115.583	0.00	0.01	3.526	O				2.94
115.667	0.00	0.01	3.526	O				2.94
115.750	0.00	0.01	3.525	O				2.94
115.833	0.00	0.01	3.525	O				2.94
115.917	0.00	0.01	3.525	O				2.94
116.000	0.00	0.01	3.525	O				2.94
116.083	0.00	0.01	3.525	O				2.94
116.167	0.00	0.01	3.525	O				2.94
116.250	0.00	0.01	3.525	O				2.94
116.333	0.00	0.01	3.525	O				2.94
116.417	0.00	0.01	3.525	O				2.94
116.500	0.00	0.01	3.525	O				2.94
116.583	0.00	0.01	3.525	O				2.94
116.667	0.00	0.01	3.525	O				2.94
116.750	0.00	0.01	3.525	O				2.94
116.833	0.00	0.01	3.525	O				2.94
116.917	0.00	0.01	3.524	O				2.94
117.000	0.00	0.01	3.524	O				2.94
117.083	0.00	0.01	3.524	O				2.94
117.167	0.00	0.01	3.524	O				2.94
117.250	0.00	0.01	3.524	O				2.94
117.333	0.00	0.01	3.524	O				2.94
117.417	0.00	0.01	3.524	O				2.94
117.500	0.00	0.01	3.524	O				2.94
117.583	0.00	0.01	3.524	O				2.94
117.667	0.00	0.01	3.524	O				2.94
117.750	0.00	0.01	3.524	O				2.94
117.833	0.00	0.01	3.524	O				2.94
117.917	0.00	0.01	3.524	O				2.94
118.000	0.00	0.01	3.524	O				2.94
118.083	0.00	0.01	3.524	O				2.94
118.167	0.00	0.01	3.523	O				2.94
118.250	0.00	0.01	3.523	O				2.94
118.333	0.00	0.01	3.523	O				2.94
118.417	0.00	0.01	3.523	O				2.94
118.500	0.00	0.01	3.523	O				2.94
118.583	0.00	0.01	3.523	O				2.94
118.667	0.00	0.01	3.523	O				2.94
118.750	0.00	0.01	3.523	O				2.94
118.833	0.00	0.01	3.523	O				2.94

118.917	0.00	0.01	3.523	O				2.94
119.000	0.00	0.01	3.523	O				2.94
119.083	0.00	0.01	3.523	O				2.94
119.167	0.00	0.01	3.523	O				2.94
119.250	0.00	0.01	3.523	O				2.94
119.333	0.00	0.01	3.522	O				2.94
119.417	0.00	0.01	3.522	O				2.94
119.500	0.00	0.01	3.522	O				2.94
119.583	0.00	0.01	3.522	O				2.94
119.667	0.00	0.01	3.522	O				2.94
119.750	0.00	0.01	3.522	O				2.94
119.833	0.00	0.01	3.522	O				2.94
119.917	0.00	0.01	3.522	O				2.93
120.000	0.00	0.01	3.522	O				2.93
120.083	0.00	0.01	3.522	O				2.93
120.167	0.00	0.01	3.522	O				2.93
120.250	0.00	0.01	3.522	O				2.93
120.333	0.00	0.01	3.522	O				2.93
120.417	0.00	0.01	3.522	O				2.93
120.500	0.00	0.01	3.522	O				2.93
120.583	0.00	0.01	3.521	O				2.93
120.667	0.00	0.01	3.521	O				2.93
120.750	0.00	0.01	3.521	O				2.93
120.833	0.00	0.01	3.521	O				2.93
120.917	0.00	0.01	3.521	O				2.93
121.000	0.00	0.01	3.521	O				2.93
121.083	0.00	0.01	3.521	O				2.93
121.167	0.00	0.01	3.521	O				2.93
121.250	0.00	0.01	3.521	O				2.93
121.333	0.00	0.01	3.521	O				2.93
121.417	0.00	0.01	3.521	O				2.93
121.500	0.00	0.01	3.521	O				2.93
121.583	0.00	0.01	3.521	O				2.93
121.667	0.00	0.01	3.521	O				2.93
121.750	0.00	0.01	3.520	O				2.93
121.833	0.00	0.01	3.520	O				2.93
121.917	0.00	0.01	3.520	O				2.93
122.000	0.00	0.01	3.520	O				2.93
122.083	0.00	0.01	3.520	O				2.93
122.167	0.00	0.01	3.520	O				2.93
122.250	0.00	0.01	3.520	O				2.93
122.333	0.00	0.01	3.520	O				2.93
122.417	0.00	0.01	3.520	O				2.93
122.500	0.00	0.01	3.520	O				2.93
122.583	0.00	0.01	3.520	O				2.93
122.667	0.00	0.01	3.520	O				2.93
122.750	0.00	0.01	3.520	O				2.93
122.833	0.00	0.01	3.520	O				2.93
122.917	0.00	0.01	3.520	O				2.93
123.000	0.00	0.01	3.519	O				2.93

123.083	0.00	0.01	3.519	O				2.93
123.167	0.00	0.01	3.519	O				2.93
123.250	0.00	0.01	3.519	O				2.93
123.333	0.00	0.01	3.519	O				2.93
123.417	0.00	0.01	3.519	O				2.93
123.500	0.00	0.01	3.519	O				2.93
123.583	0.00	0.01	3.519	O				2.93
123.667	0.00	0.01	3.519	O				2.93
123.750	0.00	0.01	3.519	O				2.93
123.833	0.00	0.01	3.519	O				2.93
123.917	0.00	0.01	3.519	O				2.93
124.000	0.00	0.01	3.519	O				2.93
124.083	0.00	0.01	3.519	O				2.93
124.167	0.00	0.01	3.518	O				2.93
124.250	0.00	0.01	3.518	O				2.93
124.333	0.00	0.01	3.518	O				2.93
124.417	0.00	0.01	3.518	O				2.93
124.500	0.00	0.01	3.518	O				2.93
124.583	0.00	0.01	3.518	O				2.93
124.667	0.00	0.01	3.518	O				2.93
124.750	0.00	0.01	3.518	O				2.93
124.833	0.00	0.01	3.518	O				2.93
124.917	0.00	0.01	3.518	O				2.93
125.000	0.00	0.01	3.518	O				2.93
125.083	0.00	0.01	3.518	O				2.93
125.167	0.00	0.01	3.518	O				2.93
125.250	0.00	0.01	3.518	O				2.93
125.333	0.00	0.01	3.518	O				2.93
125.417	0.00	0.01	3.517	O				2.93
125.500	0.00	0.01	3.517	O				2.93
125.583	0.00	0.01	3.517	O				2.93
125.667	0.00	0.01	3.517	O				2.93
125.750	0.00	0.01	3.517	O				2.93
125.833	0.00	0.01	3.517	O				2.93
125.917	0.00	0.01	3.517	O				2.93
126.000	0.00	0.01	3.517	O				2.93
126.083	0.00	0.01	3.517	O				2.93
126.167	0.00	0.01	3.517	O				2.93
126.250	0.00	0.01	3.517	O				2.93
126.333	0.00	0.01	3.517	O				2.93
126.417	0.00	0.01	3.517	O				2.93
126.500	0.00	0.01	3.517	O				2.93
126.583	0.00	0.01	3.516	O				2.93
126.667	0.00	0.01	3.516	O				2.93
126.750	0.00	0.01	3.516	O				2.93
126.833	0.00	0.01	3.516	O				2.93
126.917	0.00	0.01	3.516	O				2.93
127.000	0.00	0.01	3.516	O				2.93
127.083	0.00	0.01	3.516	O				2.93
127.167	0.00	0.01	3.516	O				2.93

127.250	0.00	0.01	3.516	O				2.93
127.333	0.00	0.01	3.516	O				2.93
127.417	0.00	0.01	3.516	O				2.93
127.500	0.00	0.01	3.516	O				2.93
127.583	0.00	0.01	3.516	O				2.93
127.667	0.00	0.01	3.516	O				2.93
127.750	0.00	0.01	3.516	O				2.93
127.833	0.00	0.01	3.515	O				2.93
127.917	0.00	0.01	3.515	O				2.93
128.000	0.00	0.01	3.515	O				2.93
128.083	0.00	0.01	3.515	O				2.93
128.167	0.00	0.01	3.515	O				2.93
128.250	0.00	0.01	3.515	O				2.93
128.333	0.00	0.01	3.515	O				2.93
128.417	0.00	0.01	3.515	O				2.93
128.500	0.00	0.01	3.515	O				2.93
128.583	0.00	0.01	3.515	O				2.93
128.667	0.00	0.01	3.515	O				2.93
128.750	0.00	0.01	3.515	O				2.93
128.833	0.00	0.01	3.515	O				2.93
128.917	0.00	0.01	3.515	O				2.93
129.000	0.00	0.01	3.514	O				2.93
129.083	0.00	0.01	3.514	O				2.93
129.167	0.00	0.01	3.514	O				2.93
129.250	0.00	0.01	3.514	O				2.93
129.333	0.00	0.01	3.514	O				2.93
129.417	0.00	0.01	3.514	O				2.93
129.500	0.00	0.01	3.514	O				2.93
129.583	0.00	0.01	3.514	O				2.93
129.667	0.00	0.01	3.514	O				2.93
129.750	0.00	0.01	3.514	O				2.93
129.833	0.00	0.01	3.514	O				2.93
129.917	0.00	0.01	3.514	O				2.93
130.000	0.00	0.01	3.514	O				2.93
130.083	0.00	0.01	3.514	O				2.93
130.167	0.00	0.01	3.514	O				2.93
130.250	0.00	0.01	3.513	O				2.93
130.333	0.00	0.01	3.513	O				2.93
130.417	0.00	0.01	3.513	O				2.93
130.500	0.00	0.01	3.513	O				2.93
130.583	0.00	0.01	3.513	O				2.93
130.667	0.00	0.01	3.513	O				2.93
130.750	0.00	0.01	3.513	O				2.93
130.833	0.00	0.01	3.513	O				2.93
130.917	0.00	0.01	3.513	O				2.93
131.000	0.00	0.01	3.513	O				2.93
131.083	0.00	0.01	3.513	O				2.93
131.167	0.00	0.01	3.513	O				2.93
131.250	0.00	0.01	3.513	O				2.93
131.333	0.00	0.01	3.513	O				2.93

131.417	0.00	0.01	3.512	O				2.93
131.500	0.00	0.01	3.512	O				2.93
131.583	0.00	0.01	3.512	O				2.93
131.667	0.00	0.01	3.512	O				2.93
131.750	0.00	0.01	3.512	O				2.93
131.833	0.00	0.01	3.512	O				2.93
131.917	0.00	0.01	3.512	O				2.93
132.000	0.00	0.01	3.512	O				2.93
132.083	0.00	0.01	3.512	O				2.93
132.167	0.00	0.01	3.512	O				2.93
132.250	0.00	0.01	3.512	O				2.93
132.333	0.00	0.01	3.512	O				2.93
132.417	0.00	0.01	3.512	O				2.93
132.500	0.00	0.01	3.512	O				2.93
132.583	0.00	0.01	3.512	O				2.93
132.667	0.00	0.01	3.511	O				2.93
132.750	0.00	0.01	3.511	O				2.93
132.833	0.00	0.01	3.511	O				2.93
132.917	0.00	0.01	3.511	O				2.93
133.000	0.00	0.01	3.511	O				2.93
133.083	0.00	0.01	3.511	O				2.93
133.167	0.00	0.01	3.511	O				2.93
133.250	0.00	0.01	3.511	O				2.93
133.333	0.00	0.01	3.511	O				2.93
133.417	0.00	0.01	3.511	O				2.93
133.500	0.00	0.01	3.511	O				2.93
133.583	0.00	0.01	3.511	O				2.93
133.667	0.00	0.01	3.511	O				2.93
133.750	0.00	0.01	3.511	O				2.93
133.833	0.00	0.01	3.510	O				2.93
133.917	0.00	0.01	3.510	O				2.93
134.000	0.00	0.01	3.510	O				2.93
134.083	0.00	0.01	3.510	O				2.93
134.167	0.00	0.01	3.510	O				2.93
134.250	0.00	0.01	3.510	O				2.93
134.333	0.00	0.01	3.510	O				2.93
134.417	0.00	0.01	3.510	O				2.93
134.500	0.00	0.01	3.510	O				2.92
134.583	0.00	0.01	3.510	O				2.92
134.667	0.00	0.01	3.510	O				2.92
134.750	0.00	0.01	3.510	O				2.92
134.833	0.00	0.01	3.510	O				2.92
134.917	0.00	0.01	3.510	O				2.92
135.000	0.00	0.01	3.510	O				2.92
135.083	0.00	0.01	3.509	O				2.92
135.167	0.00	0.01	3.509	O				2.92
135.250	0.00	0.01	3.509	O				2.92
135.333	0.00	0.01	3.509	O				2.92
135.417	0.00	0.01	3.509	O				2.92
135.500	0.00	0.01	3.509	O				2.92

135.583	0.00	0.01	3.509	O				2.92
135.667	0.00	0.01	3.509	O				2.92
135.750	0.00	0.01	3.509	O				2.92
135.833	0.00	0.01	3.509	O				2.92
135.917	0.00	0.01	3.509	O				2.92
136.000	0.00	0.01	3.509	O				2.92
136.083	0.00	0.01	3.509	O				2.92
136.167	0.00	0.01	3.509	O				2.92
136.250	0.00	0.01	3.509	O				2.92
136.333	0.00	0.01	3.508	O				2.92
136.417	0.00	0.01	3.508	O				2.92
136.500	0.00	0.01	3.508	O				2.92
136.583	0.00	0.01	3.508	O				2.92
136.667	0.00	0.01	3.508	O				2.92
136.750	0.00	0.01	3.508	O				2.92
136.833	0.00	0.01	3.508	O				2.92
136.917	0.00	0.01	3.508	O				2.92
137.000	0.00	0.01	3.508	O				2.92
137.083	0.00	0.01	3.508	O				2.92
137.167	0.00	0.01	3.508	O				2.92
137.250	0.00	0.01	3.508	O				2.92
137.333	0.00	0.01	3.508	O				2.92
137.417	0.00	0.01	3.508	O				2.92
137.500	0.00	0.01	3.507	O				2.92
137.583	0.00	0.01	3.507	O				2.92
137.667	0.00	0.01	3.507	O				2.92
137.750	0.00	0.01	3.507	O				2.92
137.833	0.00	0.01	3.507	O				2.92
137.917	0.00	0.01	3.507	O				2.92
138.000	0.00	0.01	3.507	O				2.92
138.083	0.00	0.01	3.507	O				2.92
138.167	0.00	0.01	3.507	O				2.92
138.250	0.00	0.01	3.507	O				2.92
138.333	0.00	0.01	3.507	O				2.92
138.417	0.00	0.01	3.507	O				2.92
138.500	0.00	0.01	3.507	O				2.92
138.583	0.00	0.01	3.507	O				2.92
138.667	0.00	0.01	3.507	O				2.92
138.750	0.00	0.01	3.506	O				2.92
138.833	0.00	0.01	3.506	O				2.92
138.917	0.00	0.01	3.506	O				2.92
139.000	0.00	0.01	3.506	O				2.92
139.083	0.00	0.01	3.506	O				2.92
139.167	0.00	0.01	3.506	O				2.92
139.250	0.00	0.01	3.506	O				2.92
139.333	0.00	0.01	3.506	O				2.92
139.417	0.00	0.01	3.506	O				2.92
139.500	0.00	0.01	3.506	O				2.92
139.583	0.00	0.01	3.506	O				2.92
139.667	0.00	0.01	3.506	O				2.92

139.750	0.00	0.01	3.506	O	|	|	|	2.92
139.833	0.00	0.01	3.506	O	|	|	|	2.92
139.917	0.00	0.01	3.505	O	|	|	|	2.92
140.000	0.00	0.01	3.505	O	|	|	|	2.92
140.083	0.00	0.01	3.505	O	|	|	|	2.92
140.167	0.00	0.01	3.505	O	|	|	|	2.92
140.250	0.00	0.01	3.505	O	|	|	|	2.92
140.333	0.00	0.01	3.505	O	|	|	|	2.92
140.417	0.00	0.01	3.505	O	|	|	|	2.92
140.500	0.00	0.01	3.505	O	|	|	|	2.92
140.583	0.00	0.01	3.505	O	|	|	|	2.92
140.667	0.00	0.01	3.505	O	|	|	|	2.92
140.750	0.00	0.01	3.505	O	|	|	|	2.92
140.833	0.00	0.01	3.505	O	|	|	|	2.92
140.917	0.00	0.01	3.505	O	|	|	|	2.92
141.000	0.00	0.01	3.505	O	|	|	|	2.92
141.083	0.00	0.01	3.505	O	|	|	|	2.92
141.167	0.00	0.01	3.504	O	|	|	|	2.92
141.250	0.00	0.01	3.504	O	|	|	|	2.92
141.333	0.00	0.01	3.504	O	|	|	|	2.92
141.417	0.00	0.01	3.504	O	|	|	|	2.92
141.500	0.00	0.01	3.504	O	|	|	|	2.92
141.583	0.00	0.01	3.504	O	|	|	|	2.92
141.667	0.00	0.01	3.504	O	|	|	|	2.92
141.750	0.00	0.01	3.504	O	|	|	|	2.92
141.833	0.00	0.01	3.504	O	|	|	|	2.92
141.917	0.00	0.01	3.504	O	|	|	|	2.92
142.000	0.00	0.01	3.504	O	|	|	|	2.92
142.083	0.00	0.01	3.504	O	|	|	|	2.92
142.167	0.00	0.01	3.504	O	|	|	|	2.92
142.250	0.00	0.01	3.504	O	|	|	|	2.92
142.333	0.00	0.01	3.503	O	|	|	|	2.92
142.417	0.00	0.01	3.503	O	|	|	|	2.92
142.500	0.00	0.01	3.503	O	|	|	|	2.92
142.583	0.00	0.01	3.503	O	|	|	|	2.92
142.667	0.00	0.01	3.503	O	|	|	|	2.92
142.750	0.00	0.01	3.503	O	|	|	|	2.92
142.833	0.00	0.01	3.503	O	|	|	|	2.92
142.917	0.00	0.01	3.503	O	|	|	|	2.92
143.000	0.00	0.01	3.503	O	|	|	|	2.92
143.083	0.00	0.01	3.503	O	|	|	|	2.92
143.167	0.00	0.01	3.503	O	|	|	|	2.92
143.250	0.00	0.01	3.503	O	|	|	|	2.92
143.333	0.00	0.01	3.503	O	|	|	|	2.92
143.417	0.00	0.01	3.503	O	|	|	|	2.92
143.500	0.00	0.01	3.503	O	|	|	|	2.92
143.583	0.00	0.01	3.502	O	|	|	|	2.92
143.667	0.00	0.01	3.502	O	|	|	|	2.92
143.750	0.00	0.01	3.502	O	|	|	|	2.92
143.833	0.00	0.01	3.502	O	|	|	|	2.92

143.917	0.00	0.01	3.502	O					2.92
144.000	0.00	0.01	3.502	O					2.92
144.083	0.00	0.01	3.502	O					2.92
144.167	0.00	0.01	3.502	O					2.92
144.250	0.00	0.01	3.502	O					2.92
144.333	0.00	0.01	3.502	O					2.92
144.417	0.00	0.01	3.502	O					2.92
144.500	0.00	0.01	3.502	O					2.92
144.583	0.00	0.01	3.502	O					2.92
144.667	0.00	0.01	3.502	O					2.92
144.750	0.00	0.01	3.501	O					2.92
144.833	0.00	0.01	3.501	O					2.92
144.917	0.00	0.01	3.501	O					2.92
145.000	0.00	0.01	3.501	O					2.92
145.083	0.00	0.01	3.501	O					2.92
145.167	0.00	0.01	3.501	O					2.92
145.250	0.00	0.01	3.501	O					2.92
145.333	0.00	0.01	3.501	O					2.92
145.417	0.00	0.01	3.501	O					2.92
145.500	0.00	0.01	3.501	O					2.92
145.583	0.00	0.01	3.501	O					2.92
145.667	0.00	0.01	3.501	O					2.92
145.750	0.00	0.01	3.501	O					2.92
145.833	0.00	0.01	3.501	O					2.92
145.917	0.00	0.01	3.501	O					2.92
146.000	0.00	0.01	3.500	O					2.92
146.083	0.00	0.01	3.500	O					2.92
146.167	0.00	0.01	3.500	O					2.92
146.250	0.00	0.01	3.500	O					2.92
146.333	0.00	0.01	3.500	O					2.92
146.417	0.00	0.01	3.500	O					2.92
146.500	0.00	0.01	3.500	O					2.92
146.583	0.00	0.01	3.500	O					2.92
146.667	0.00	0.01	3.500	O					2.92
146.750	0.00	0.01	3.500	O					2.92
146.833	0.00	0.01	3.500	O					2.92
146.917	0.00	0.01	3.500	O					2.92
147.000	0.00	0.01	3.500	O					2.92
147.083	0.00	0.01	3.500	O					2.92
147.167	0.00	0.01	3.499	O					2.92
147.250	0.00	0.01	3.499	O					2.92
147.333	0.00	0.01	3.499	O					2.92
147.417	0.00	0.01	3.499	O					2.92
147.500	0.00	0.01	3.499	O					2.92
147.583	0.00	0.01	3.499	O					2.92
147.667	0.00	0.01	3.499	O					2.92
147.750	0.00	0.01	3.499	O					2.92
147.833	0.00	0.01	3.499	O					2.92
147.917	0.00	0.01	3.499	O					2.92
148.000	0.00	0.01	3.499	O					2.92

148.083	0.00	0.01	3.499	O				2.92
148.167	0.00	0.01	3.499	O				2.92
148.250	0.00	0.01	3.499	O				2.92
148.333	0.00	0.01	3.499	O				2.92
148.417	0.00	0.01	3.498	O				2.92
148.500	0.00	0.01	3.498	O				2.92
148.583	0.00	0.01	3.498	O				2.92
148.667	0.00	0.01	3.498	O				2.92
148.750	0.00	0.01	3.498	O				2.92
148.833	0.00	0.01	3.498	O				2.92
148.917	0.00	0.01	3.498	O				2.92
149.000	0.00	0.01	3.498	O				2.91
149.083	0.00	0.01	3.498	O				2.91
149.167	0.00	0.01	3.498	O				2.91
149.250	0.00	0.01	3.498	O				2.91
149.333	0.00	0.01	3.498	O				2.91
149.417	0.00	0.01	3.498	O				2.91
149.500	0.00	0.01	3.498	O				2.91
149.583	0.00	0.01	3.497	O				2.91
149.667	0.00	0.01	3.497	O				2.91
149.750	0.00	0.01	3.497	O				2.91
149.833	0.00	0.01	3.497	O				2.91
149.917	0.00	0.01	3.497	O				2.91
150.000	0.00	0.01	3.497	O				2.91
150.083	0.00	0.01	3.497	O				2.91
150.167	0.00	0.01	3.497	O				2.91
150.250	0.00	0.01	3.497	O				2.91
150.333	0.00	0.01	3.497	O				2.91
150.417	0.00	0.01	3.497	O				2.91
150.500	0.00	0.01	3.497	O				2.91
150.583	0.00	0.01	3.497	O				2.91
150.667	0.00	0.01	3.497	O				2.91
150.750	0.00	0.01	3.497	O				2.91
150.833	0.00	0.01	3.496	O				2.91
150.917	0.00	0.01	3.496	O				2.91
151.000	0.00	0.01	3.496	O				2.91
151.083	0.00	0.01	3.496	O				2.91
151.167	0.00	0.01	3.496	O				2.91
151.250	0.00	0.01	3.496	O				2.91
151.333	0.00	0.01	3.496	O				2.91
151.417	0.00	0.01	3.496	O				2.91
151.500	0.00	0.01	3.496	O				2.91
151.583	0.00	0.01	3.496	O				2.91
151.667	0.00	0.01	3.496	O				2.91
151.750	0.00	0.01	3.496	O				2.91
151.833	0.00	0.01	3.496	O				2.91
151.917	0.00	0.01	3.496	O				2.91
152.000	0.00	0.01	3.495	O				2.91
152.083	0.00	0.01	3.495	O				2.91
152.167	0.00	0.01	3.495	O				2.91

152.250	0.00	0.01	3.495	O				2.91
152.333	0.00	0.01	3.495	O				2.91
152.417	0.00	0.01	3.495	O				2.91
152.500	0.00	0.01	3.495	O				2.91
152.583	0.00	0.01	3.495	O				2.91
152.667	0.00	0.01	3.495	O				2.91
152.750	0.00	0.01	3.495	O				2.91
152.833	0.00	0.01	3.495	O				2.91
152.917	0.00	0.01	3.495	O				2.91
153.000	0.00	0.01	3.495	O				2.91
153.083	0.00	0.01	3.495	O				2.91
153.167	0.00	0.01	3.495	O				2.91
153.250	0.00	0.01	3.494	O				2.91
153.333	0.00	0.01	3.494	O				2.91
153.417	0.00	0.01	3.494	O				2.91
153.500	0.00	0.01	3.494	O				2.91
153.583	0.00	0.01	3.494	O				2.91
153.667	0.00	0.01	3.494	O				2.91
153.750	0.00	0.01	3.494	O				2.91
153.833	0.00	0.01	3.494	O				2.91
153.917	0.00	0.01	3.494	O				2.91
154.000	0.00	0.01	3.494	O				2.91
154.083	0.00	0.01	3.494	O				2.91
154.167	0.00	0.01	3.494	O				2.91
154.250	0.00	0.01	3.494	O				2.91
154.333	0.00	0.01	3.494	O				2.91
154.417	0.00	0.01	3.493	O				2.91
154.500	0.00	0.01	3.493	O				2.91
154.583	0.00	0.01	3.493	O				2.91
154.667	0.00	0.01	3.493	O				2.91
154.750	0.00	0.01	3.493	O				2.91
154.833	0.00	0.01	3.493	O				2.91
154.917	0.00	0.01	3.493	O				2.91
155.000	0.00	0.01	3.493	O				2.91
155.083	0.00	0.01	3.493	O				2.91
155.167	0.00	0.01	3.493	O				2.91
155.250	0.00	0.01	3.493	O				2.91
155.333	0.00	0.01	3.493	O				2.91
155.417	0.00	0.01	3.493	O				2.91
155.500	0.00	0.01	3.493	O				2.91
155.583	0.00	0.01	3.493	O				2.91
155.667	0.00	0.01	3.492	O				2.91
155.750	0.00	0.01	3.492	O				2.91
155.833	0.00	0.01	3.492	O				2.91
155.917	0.00	0.01	3.492	O				2.91
156.000	0.00	0.01	3.492	O				2.91
156.083	0.00	0.01	3.492	O				2.91
156.167	0.00	0.01	3.492	O				2.91
156.250	0.00	0.01	3.492	O				2.91
156.333	0.00	0.01	3.492	O				2.91

156.417	0.00	0.01	3.492	O	|	|	|	2.91
156.500	0.00	0.01	3.492	O	|	|	|	2.91
156.583	0.00	0.01	3.492	O	|	|	|	2.91
156.667	0.00	0.01	3.492	O	|	|	|	2.91
156.750	0.00	0.01	3.492	O	|	|	|	2.91
156.833	0.00	0.01	3.491	O	|	|	|	2.91
156.917	0.00	0.01	3.491	O	|	|	|	2.91
157.000	0.00	0.01	3.491	O	|	|	|	2.91
157.083	0.00	0.01	3.491	O	|	|	|	2.91
157.167	0.00	0.01	3.491	O	|	|	|	2.91
157.250	0.00	0.01	3.491	O	|	|	|	2.91
157.333	0.00	0.01	3.491	O	|	|	|	2.91
157.417	0.00	0.01	3.491	O	|	|	|	2.91
157.500	0.00	0.01	3.491	O	|	|	|	2.91
157.583	0.00	0.01	3.491	O	|	|	|	2.91
157.667	0.00	0.01	3.491	O	|	|	|	2.91
157.750	0.00	0.01	3.491	O	|	|	|	2.91
157.833	0.00	0.01	3.491	O	|	|	|	2.91
157.917	0.00	0.01	3.491	O	|	|	|	2.91
158.000	0.00	0.01	3.491	O	|	|	|	2.91
158.083	0.00	0.01	3.490	O	|	|	|	2.91
158.167	0.00	0.01	3.490	O	|	|	|	2.91
158.250	0.00	0.01	3.490	O	|	|	|	2.91
158.333	0.00	0.01	3.490	O	|	|	|	2.91
158.417	0.00	0.01	3.490	O	|	|	|	2.91
158.500	0.00	0.01	3.490	O	|	|	|	2.91
158.583	0.00	0.01	3.490	O	|	|	|	2.91
158.667	0.00	0.01	3.490	O	|	|	|	2.91
158.750	0.00	0.01	3.490	O	|	|	|	2.91
158.833	0.00	0.01	3.490	O	|	|	|	2.91
158.917	0.00	0.01	3.490	O	|	|	|	2.91
159.000	0.00	0.01	3.490	O	|	|	|	2.91
159.083	0.00	0.01	3.490	O	|	|	|	2.91
159.167	0.00	0.01	3.490	O	|	|	|	2.91
159.250	0.00	0.01	3.489	O	|	|	|	2.91
159.333	0.00	0.01	3.489	O	|	|	|	2.91
159.417	0.00	0.01	3.489	O	|	|	|	2.91
159.500	0.00	0.01	3.489	O	|	|	|	2.91
159.583	0.00	0.01	3.489	O	|	|	|	2.91
159.667	0.00	0.01	3.489	O	|	|	|	2.91
159.750	0.00	0.01	3.489	O	|	|	|	2.91
159.833	0.00	0.01	3.489	O	|	|	|	2.91
159.917	0.00	0.01	3.489	O	|	|	|	2.91
160.000	0.00	0.01	3.489	O	|	|	|	2.91
160.083	0.00	0.01	3.489	O	|	|	|	2.91
160.167	0.00	0.01	3.489	O	|	|	|	2.91
160.250	0.00	0.01	3.489	O	|	|	|	2.91
160.333	0.00	0.01	3.489	O	|	|	|	2.91
160.417	0.00	0.01	3.489	O	|	|	|	2.91
160.500	0.00	0.01	3.488	O	|	|	|	2.91

160.583	0.00	0.01	3.488	O				2.91
160.667	0.00	0.01	3.488	O				2.91
160.750	0.00	0.01	3.488	O				2.91
160.833	0.00	0.01	3.488	O				2.91
160.917	0.00	0.01	3.488	O				2.91
161.000	0.00	0.01	3.488	O				2.91
161.083	0.00	0.01	3.488	O				2.91
161.167	0.00	0.01	3.488	O				2.91
161.250	0.00	0.01	3.488	O				2.91
161.333	0.00	0.01	3.488	O				2.91
161.417	0.00	0.01	3.488	O				2.91
161.500	0.00	0.01	3.488	O				2.91
161.583	0.00	0.01	3.488	O				2.91
161.667	0.00	0.01	3.487	O				2.91
161.750	0.00	0.01	3.487	O				2.91
161.833	0.00	0.01	3.487	O				2.91
161.917	0.00	0.01	3.487	O				2.91
162.000	0.00	0.01	3.487	O				2.91
162.083	0.00	0.01	3.487	O				2.91
162.167	0.00	0.01	3.487	O				2.91
162.250	0.00	0.01	3.487	O				2.91
162.333	0.00	0.01	3.487	O				2.91
162.417	0.00	0.01	3.487	O				2.91
162.500	0.00	0.01	3.487	O				2.91
162.583	0.00	0.01	3.487	O				2.91
162.667	0.00	0.01	3.487	O				2.91
162.750	0.00	0.01	3.487	O				2.91
162.833	0.00	0.01	3.487	O				2.91
162.917	0.00	0.01	3.486	O				2.91
163.000	0.00	0.01	3.486	O				2.91
163.083	0.00	0.01	3.486	O				2.91
163.167	0.00	0.01	3.486	O				2.91
163.250	0.00	0.01	3.486	O				2.91
163.333	0.00	0.01	3.486	O				2.91
163.417	0.00	0.01	3.486	O				2.91
163.500	0.00	0.01	3.486	O				2.90
163.583	0.00	0.01	3.486	O				2.90
163.667	0.00	0.01	3.486	O				2.90
163.750	0.00	0.01	3.486	O				2.90
163.833	0.00	0.01	3.486	O				2.90
163.917	0.00	0.01	3.486	O				2.90
164.000	0.00	0.01	3.486	O				2.90
164.083	0.00	0.01	3.485	O				2.90
164.167	0.00	0.01	3.485	O				2.90
164.250	0.00	0.01	3.485	O				2.90
164.333	0.00	0.01	3.485	O				2.90
164.417	0.00	0.01	3.485	O				2.90
164.500	0.00	0.01	3.485	O				2.90
164.583	0.00	0.01	3.485	O				2.90
164.667	0.00	0.01	3.485	O				2.90

164.750	0.00	0.01	3.485	O				2.90
164.833	0.00	0.01	3.485	O				2.90
164.917	0.00	0.01	3.485	O				2.90
165.000	0.00	0.01	3.485	O				2.90
165.083	0.00	0.01	3.485	O				2.90
165.167	0.00	0.01	3.485	O				2.90
165.250	0.00	0.01	3.485	O				2.90
165.333	0.00	0.01	3.484	O				2.90
165.417	0.00	0.01	3.484	O				2.90
165.500	0.00	0.01	3.484	O				2.90
165.583	0.00	0.01	3.484	O				2.90
165.667	0.00	0.01	3.484	O				2.90
165.750	0.00	0.01	3.484	O				2.90
165.833	0.00	0.01	3.484	O				2.90
165.917	0.00	0.01	3.484	O				2.90
166.000	0.00	0.01	3.484	O				2.90
166.083	0.00	0.01	3.484	O				2.90
166.167	0.00	0.01	3.484	O				2.90
166.250	0.00	0.01	3.484	O				2.90
166.333	0.00	0.01	3.484	O				2.90
166.417	0.00	0.01	3.484	O				2.90
166.500	0.00	0.01	3.484	O				2.90
166.583	0.00	0.01	3.483	O				2.90
166.667	0.00	0.01	3.483	O				2.90
166.750	0.00	0.01	3.483	O				2.90
166.833	0.00	0.01	3.483	O				2.90
166.917	0.00	0.01	3.483	O				2.90
167.000	0.00	0.01	3.483	O				2.90
167.083	0.00	0.01	3.483	O				2.90
167.167	0.00	0.01	3.483	O				2.90
167.250	0.00	0.01	3.483	O				2.90
167.333	0.00	0.01	3.483	O				2.90
167.417	0.00	0.01	3.483	O				2.90
167.500	0.00	0.01	3.483	O				2.90
167.583	0.00	0.01	3.483	O				2.90
167.667	0.00	0.01	3.483	O				2.90
167.750	0.00	0.01	3.482	O				2.90
167.833	0.00	0.01	3.482	O				2.90
167.917	0.00	0.01	3.482	O				2.90
168.000	0.00	0.01	3.482	O				2.90
168.083	0.00	0.01	3.482	O				2.90
168.167	0.00	0.01	3.482	O				2.90
168.250	0.00	0.01	3.482	O				2.90
168.333	0.00	0.01	3.482	O				2.90
168.417	0.00	0.01	3.482	O				2.90
168.500	0.00	0.01	3.482	O				2.90
168.583	0.00	0.01	3.482	O				2.90
168.667	0.00	0.01	3.482	O				2.90
168.750	0.00	0.01	3.482	O				2.90
168.833	0.00	0.01	3.482	O				2.90

168.917	0.00	0.01	3.482	O					2.90
169.000	0.00	0.01	3.481	O					2.90
169.083	0.00	0.01	3.481	O					2.90
169.167	0.00	0.01	3.481	O					2.90
169.250	0.00	0.01	3.481	O					2.90
169.333	0.00	0.01	3.481	O					2.90
169.417	0.00	0.01	3.481	O					2.90
169.500	0.00	0.01	3.481	O					2.90
169.583	0.00	0.01	3.481	O					2.90
169.667	0.00	0.01	3.481	O					2.90
169.750	0.00	0.01	3.481	O					2.90
169.833	0.00	0.01	3.481	O					2.90
169.917	0.00	0.01	3.481	O					2.90
170.000	0.00	0.01	3.481	O					2.90
170.083	0.00	0.01	3.481	O					2.90
170.167	0.00	0.01	3.480	O					2.90
170.250	0.00	0.01	3.480	O					2.90
170.333	0.00	0.01	3.480	O					2.90
170.417	0.00	0.01	3.480	O					2.90
170.500	0.00	0.01	3.480	O					2.90
170.583	0.00	0.01	3.480	O					2.90
170.667	0.00	0.01	3.480	O					2.90
170.750	0.00	0.01	3.480	O					2.90
170.833	0.00	0.01	3.480	O					2.90
170.917	0.00	0.01	3.480	O					2.90
171.000	0.00	0.01	3.480	O					2.90
171.083	0.00	0.01	3.480	O					2.90
171.167	0.00	0.01	3.480	O					2.90
171.250	0.00	0.01	3.480	O					2.90
171.333	0.00	0.01	3.480	O					2.90
171.417	0.00	0.01	3.479	O					2.90
171.500	0.00	0.01	3.479	O					2.90
171.583	0.00	0.01	3.479	O					2.90
171.667	0.00	0.01	3.479	O					2.90
171.750	0.00	0.01	3.479	O					2.90
171.833	0.00	0.01	3.479	O					2.90
171.917	0.00	0.01	3.479	O					2.90
172.000	0.00	0.01	3.479	O					2.90
172.083	0.00	0.01	3.479	O					2.90
172.167	0.00	0.01	3.479	O					2.90
172.250	0.00	0.01	3.479	O					2.90
172.333	0.00	0.01	3.479	O					2.90
172.417	0.00	0.01	3.479	O					2.90
172.500	0.00	0.01	3.479	O					2.90
172.583	0.00	0.01	3.478	O					2.90
172.667	0.00	0.01	3.478	O					2.90
172.750	0.00	0.01	3.478	O					2.90
172.833	0.00	0.01	3.478	O					2.90
172.917	0.00	0.01	3.478	O					2.90
173.000	0.00	0.01	3.478	O					2.90

173.083	0.00	0.01	3.478	O				2.90
173.167	0.00	0.01	3.478	O				2.90
173.250	0.00	0.01	3.478	O				2.90
173.333	0.00	0.01	3.478	O				2.90
173.417	0.00	0.01	3.478	O				2.90
173.500	0.00	0.01	3.478	O				2.90
173.583	0.00	0.01	3.478	O				2.90
173.667	0.00	0.01	3.478	O				2.90
173.750	0.00	0.01	3.478	O				2.90
173.833	0.00	0.01	3.477	O				2.90
173.917	0.00	0.01	3.477	O				2.90
174.000	0.00	0.01	3.477	O				2.90
174.083	0.00	0.01	3.477	O				2.90
174.167	0.00	0.01	3.477	O				2.90
174.250	0.00	0.01	3.477	O				2.90
174.333	0.00	0.01	3.477	O				2.90
174.417	0.00	0.01	3.477	O				2.90
174.500	0.00	0.01	3.477	O				2.90
174.583	0.00	0.01	3.477	O				2.90
174.667	0.00	0.01	3.477	O				2.90
174.750	0.00	0.01	3.477	O				2.90
174.833	0.00	0.01	3.477	O				2.90
174.917	0.00	0.01	3.477	O				2.90
175.000	0.00	0.01	3.476	O				2.90
175.083	0.00	0.01	3.476	O				2.90
175.167	0.00	0.01	3.476	O				2.90
175.250	0.00	0.01	3.476	O				2.90
175.333	0.00	0.01	3.476	O				2.90
175.417	0.00	0.01	3.476	O				2.90
175.500	0.00	0.01	3.476	O				2.90
175.583	0.00	0.01	3.476	O				2.90
175.667	0.00	0.01	3.476	O				2.90
175.750	0.00	0.01	3.476	O				2.90
175.833	0.00	0.01	3.476	O				2.90
175.917	0.00	0.01	3.476	O				2.90
176.000	0.00	0.01	3.476	O				2.90
176.083	0.00	0.01	3.476	O				2.90
176.167	0.00	0.01	3.476	O				2.90
176.250	0.00	0.01	3.475	O				2.90
176.333	0.00	0.01	3.475	O				2.90
176.417	0.00	0.01	3.475	O				2.90
176.500	0.00	0.01	3.475	O				2.90
176.583	0.00	0.01	3.475	O				2.90
176.667	0.00	0.01	3.475	O				2.90
176.750	0.00	0.01	3.475	O				2.90
176.833	0.00	0.01	3.475	O				2.90
176.917	0.00	0.01	3.475	O				2.90
177.000	0.00	0.01	3.475	O				2.90
177.083	0.00	0.01	3.475	O				2.90
177.167	0.00	0.01	3.475	O				2.90

177.250	0.00	0.01	3.475	O				2.90
177.333	0.00	0.01	3.475	O				2.90
177.417	0.00	0.01	3.474	O				2.90
177.500	0.00	0.01	3.474	O				2.90
177.583	0.00	0.01	3.474	O				2.90
177.667	0.00	0.01	3.474	O				2.90
177.750	0.00	0.01	3.474	O				2.90
177.833	0.00	0.01	3.474	O				2.90
177.917	0.00	0.01	3.474	O				2.90
178.000	0.00	0.01	3.474	O				2.89
178.083	0.00	0.01	3.474	O				2.89
178.167	0.00	0.01	3.474	O				2.89
178.250	0.00	0.01	3.474	O				2.89
178.333	0.00	0.01	3.474	O				2.89
178.417	0.00	0.01	3.474	O				2.89
178.500	0.00	0.01	3.474	O				2.89
178.583	0.00	0.01	3.474	O				2.89
178.667	0.00	0.01	3.473	O				2.89
178.750	0.00	0.01	3.473	O				2.89
178.833	0.00	0.01	3.473	O				2.89
178.917	0.00	0.01	3.473	O				2.89
179.000	0.00	0.01	3.473	O				2.89
179.083	0.00	0.01	3.473	O				2.89
179.167	0.00	0.01	3.473	O				2.89
179.250	0.00	0.01	3.473	O				2.89
179.333	0.00	0.01	3.473	O				2.89
179.417	0.00	0.01	3.473	O				2.89
179.500	0.00	0.01	3.473	O				2.89
179.583	0.00	0.01	3.473	O				2.89
179.667	0.00	0.01	3.473	O				2.89
179.750	0.00	0.01	3.473	O				2.89
179.833	0.00	0.01	3.472	O				2.89
179.917	0.00	0.01	3.472	O				2.89
180.000	0.00	0.01	3.472	O				2.89
180.083	0.00	0.01	3.472	O				2.89
180.167	0.00	0.01	3.472	O				2.89
180.250	0.00	0.01	3.472	O				2.89
180.333	0.00	0.01	3.472	O				2.89
180.417	0.00	0.01	3.472	O				2.89
180.500	0.00	0.01	3.472	O				2.89
180.583	0.00	0.01	3.472	O				2.89
180.667	0.00	0.01	3.472	O				2.89
180.750	0.00	0.01	3.472	O				2.89
180.833	0.00	0.01	3.472	O				2.89
180.917	0.00	0.01	3.472	O				2.89
181.000	0.00	0.01	3.472	O				2.89
181.083	0.00	0.01	3.471	O				2.89
181.167	0.00	0.01	3.471	O				2.89
181.250	0.00	0.01	3.471	O				2.89
181.333	0.00	0.01	3.471	O				2.89

181.417	0.00	0.01	3.471	O				2.89
181.500	0.00	0.01	3.471	O				2.89
181.583	0.00	0.01	3.471	O				2.89
181.667	0.00	0.01	3.471	O				2.89
181.750	0.00	0.01	3.471	O				2.89
181.833	0.00	0.01	3.471	O				2.89
181.917	0.00	0.01	3.471	O				2.89
182.000	0.00	0.01	3.471	O				2.89
182.083	0.00	0.01	3.471	O				2.89
182.167	0.00	0.01	3.471	O				2.89
182.250	0.00	0.01	3.470	O				2.89
182.333	0.00	0.01	3.470	O				2.89
182.417	0.00	0.01	3.470	O				2.89
182.500	0.00	0.01	3.470	O				2.89
182.583	0.00	0.01	3.470	O				2.89
182.667	0.00	0.01	3.470	O				2.89
182.750	0.00	0.01	3.470	O				2.89
182.833	0.00	0.01	3.470	O				2.89
182.917	0.00	0.01	3.470	O				2.89
183.000	0.00	0.01	3.470	O				2.89
183.083	0.00	0.01	3.470	O				2.89
183.167	0.00	0.01	3.470	O				2.89
183.250	0.00	0.01	3.470	O				2.89
183.333	0.00	0.01	3.470	O				2.89
183.417	0.00	0.01	3.470	O				2.89
183.500	0.00	0.01	3.469	O				2.89
183.583	0.00	0.01	3.469	O				2.89
183.667	0.00	0.01	3.469	O				2.89
183.750	0.00	0.01	3.469	O				2.89
183.833	0.00	0.01	3.469	O				2.89
183.917	0.00	0.01	3.469	O				2.89
184.000	0.00	0.01	3.469	O				2.89
184.083	0.00	0.01	3.469	O				2.89
184.167	0.00	0.01	3.469	O				2.89
184.250	0.00	0.01	3.469	O				2.89
184.333	0.00	0.01	3.469	O				2.89
184.417	0.00	0.01	3.469	O				2.89
184.500	0.00	0.01	3.469	O				2.89
184.583	0.00	0.01	3.469	O				2.89
184.667	0.00	0.01	3.468	O				2.89
184.750	0.00	0.01	3.468	O				2.89
184.833	0.00	0.01	3.468	O				2.89
184.917	0.00	0.01	3.468	O				2.89
185.000	0.00	0.01	3.468	O				2.89
185.083	0.00	0.01	3.468	O				2.89
185.167	0.00	0.01	3.468	O				2.89
185.250	0.00	0.01	3.468	O				2.89
185.333	0.00	0.01	3.468	O				2.89
185.417	0.00	0.01	3.468	O				2.89
185.500	0.00	0.01	3.468	O				2.89

185.583	0.00	0.01	3.468	O				2.89
185.667	0.00	0.01	3.468	O				2.89
185.750	0.00	0.01	3.468	O				2.89
185.833	0.00	0.01	3.468	O				2.89
185.917	0.00	0.01	3.467	O				2.89
186.000	0.00	0.01	3.467	O				2.89
186.083	0.00	0.01	3.467	O				2.89
186.167	0.00	0.01	3.467	O				2.89
186.250	0.00	0.01	3.467	O				2.89
186.333	0.00	0.01	3.467	O				2.89
186.417	0.00	0.01	3.467	O				2.89
186.500	0.00	0.01	3.467	O				2.89
186.583	0.00	0.01	3.467	O				2.89
186.667	0.00	0.01	3.467	O				2.89
186.750	0.00	0.01	3.467	O				2.89
186.833	0.00	0.01	3.467	O				2.89
186.917	0.00	0.01	3.467	O				2.89
187.000	0.00	0.01	3.467	O				2.89
187.083	0.00	0.01	3.466	O				2.89
187.167	0.00	0.01	3.466	O				2.89
187.250	0.00	0.01	3.466	O				2.89
187.333	0.00	0.01	3.466	O				2.89
187.417	0.00	0.01	3.466	O				2.89
187.500	0.00	0.01	3.466	O				2.89
187.583	0.00	0.01	3.466	O				2.89
187.667	0.00	0.01	3.466	O				2.89
187.750	0.00	0.01	3.466	O				2.89
187.833	0.00	0.01	3.466	O				2.89
187.917	0.00	0.01	3.466	O				2.89
188.000	0.00	0.01	3.466	O				2.89
188.083	0.00	0.01	3.466	O				2.89
188.167	0.00	0.01	3.466	O				2.89
188.250	0.00	0.01	3.466	O				2.89
188.333	0.00	0.01	3.465	O				2.89
188.417	0.00	0.01	3.465	O				2.89
188.500	0.00	0.01	3.465	O				2.89
188.583	0.00	0.01	3.465	O				2.89
188.667	0.00	0.01	3.465	O				2.89
188.750	0.00	0.01	3.465	O				2.89
188.833	0.00	0.01	3.465	O				2.89
188.917	0.00	0.01	3.465	O				2.89
189.000	0.00	0.01	3.465	O				2.89
189.083	0.00	0.01	3.465	O				2.89
189.167	0.00	0.01	3.465	O				2.89
189.250	0.00	0.01	3.465	O				2.89
189.333	0.00	0.01	3.465	O				2.89
189.417	0.00	0.01	3.465	O				2.89
189.500	0.00	0.01	3.464	O				2.89
189.583	0.00	0.01	3.464	O				2.89
189.667	0.00	0.01	3.464	O				2.89

189.750	0.00	0.01	3.464	O				2.89
189.833	0.00	0.01	3.464	O				2.89
189.917	0.00	0.01	3.464	O				2.89
190.000	0.00	0.01	3.464	O				2.89
190.083	0.00	0.01	3.464	O				2.89
190.167	0.00	0.01	3.464	O				2.89
190.250	0.00	0.01	3.464	O				2.89
190.333	0.00	0.01	3.464	O				2.89
190.417	0.00	0.01	3.464	O				2.89
190.500	0.00	0.01	3.464	O				2.89
190.583	0.00	0.01	3.464	O				2.89
190.667	0.00	0.01	3.464	O				2.89
190.750	0.00	0.01	3.463	O				2.89
190.833	0.00	0.01	3.463	O				2.89
190.917	0.00	0.01	3.463	O				2.89
191.000	0.00	0.01	3.463	O				2.89
191.083	0.00	0.01	3.463	O				2.89
191.167	0.00	0.01	3.463	O				2.89
191.250	0.00	0.01	3.463	O				2.89
191.333	0.00	0.01	3.463	O				2.89
191.417	0.00	0.01	3.463	O				2.89
191.500	0.00	0.01	3.463	O				2.89
191.583	0.00	0.01	3.463	O				2.89
191.667	0.00	0.01	3.463	O				2.89
191.750	0.00	0.01	3.463	O				2.89
191.833	0.00	0.01	3.463	O				2.89
191.917	0.00	0.01	3.462	O				2.89
192.000	0.00	0.01	3.462	O				2.89
192.083	0.00	0.01	3.462	O				2.89
192.167	0.00	0.01	3.462	O				2.89
192.250	0.00	0.01	3.462	O				2.89
192.333	0.00	0.01	3.462	O				2.89
192.417	0.00	0.01	3.462	O				2.89
192.500	0.00	0.01	3.462	O				2.89
192.583	0.00	0.01	3.462	O				2.88
192.667	0.00	0.01	3.462	O				2.88
192.750	0.00	0.01	3.462	O				2.88
192.833	0.00	0.01	3.462	O				2.88
192.917	0.00	0.01	3.462	O				2.88
193.000	0.00	0.01	3.462	O				2.88
193.083	0.00	0.01	3.462	O				2.88
193.167	0.00	0.01	3.461	O				2.88
193.250	0.00	0.01	3.461	O				2.88
193.333	0.00	0.01	3.461	O				2.88
193.417	0.00	0.01	3.461	O				2.88
193.500	0.00	0.01	3.461	O				2.88
193.583	0.00	0.01	3.461	O				2.88
193.667	0.00	0.01	3.461	O				2.88
193.750	0.00	0.01	3.461	O				2.88
193.833	0.00	0.01	3.461	O				2.88

193.917	0.00	0.01	3.461	O	|	|	|	2.88
194.000	0.00	0.01	3.461	O	|	|	|	2.88
194.083	0.00	0.01	3.461	O	|	|	|	2.88
194.167	0.00	0.01	3.461	O	|	|	|	2.88
194.250	0.00	0.01	3.461	O	|	|	|	2.88
194.333	0.00	0.01	3.460	O	|	|	|	2.88
194.417	0.00	0.01	3.460	O	|	|	|	2.88
194.500	0.00	0.01	3.460	O	|	|	|	2.88
194.583	0.00	0.01	3.460	O	|	|	|	2.88
194.667	0.00	0.01	3.460	O	|	|	|	2.88
194.750	0.00	0.01	3.460	O	|	|	|	2.88
194.833	0.00	0.01	3.460	O	|	|	|	2.88
194.917	0.00	0.01	3.460	O	|	|	|	2.88
195.000	0.00	0.01	3.460	O	|	|	|	2.88
195.083	0.00	0.01	3.460	O	|	|	|	2.88
195.167	0.00	0.01	3.460	O	|	|	|	2.88
195.250	0.00	0.01	3.460	O	|	|	|	2.88
195.333	0.00	0.01	3.460	O	|	|	|	2.88
195.417	0.00	0.01	3.460	O	|	|	|	2.88
195.500	0.00	0.01	3.460	O	|	|	|	2.88
195.583	0.00	0.01	3.459	O	|	|	|	2.88
195.667	0.00	0.01	3.459	O	|	|	|	2.88
195.750	0.00	0.01	3.459	O	|	|	|	2.88
195.833	0.00	0.01	3.459	O	|	|	|	2.88
195.917	0.00	0.01	3.459	O	|	|	|	2.88
196.000	0.00	0.01	3.459	O	|	|	|	2.88
196.083	0.00	0.01	3.459	O	|	|	|	2.88
196.167	0.00	0.01	3.459	O	|	|	|	2.88
196.250	0.00	0.01	3.459	O	|	|	|	2.88
196.333	0.00	0.01	3.459	O	|	|	|	2.88
196.417	0.00	0.01	3.459	O	|	|	|	2.88
196.500	0.00	0.01	3.459	O	|	|	|	2.88
196.583	0.00	0.01	3.459	O	|	|	|	2.88
196.667	0.00	0.01	3.459	O	|	|	|	2.88
196.750	0.00	0.01	3.459	O	|	|	|	2.88
196.833	0.00	0.01	3.458	O	|	|	|	2.88
196.917	0.00	0.01	3.458	O	|	|	|	2.88
197.000	0.00	0.01	3.458	O	|	|	|	2.88
197.083	0.00	0.01	3.458	O	|	|	|	2.88
197.167	0.00	0.01	3.458	O	|	|	|	2.88
197.250	0.00	0.01	3.458	O	|	|	|	2.88
197.333	0.00	0.01	3.458	O	|	|	|	2.88
197.417	0.00	0.01	3.458	O	|	|	|	2.88
197.500	0.00	0.01	3.458	O	|	|	|	2.88
197.583	0.00	0.01	3.458	O	|	|	|	2.88
197.667	0.00	0.01	3.458	O	|	|	|	2.88
197.750	0.00	0.01	3.458	O	|	|	|	2.88
197.833	0.00	0.01	3.458	O	|	|	|	2.88
197.917	0.00	0.01	3.458	O	|	|	|	2.88
198.000	0.00	0.01	3.457	O	|	|	|	2.88

198.083	0.00	0.01	3.457	O				2.88
198.167	0.00	0.01	3.457	O				2.88
198.250	0.00	0.01	3.457	O				2.88
198.333	0.00	0.01	3.457	O				2.88
198.417	0.00	0.01	3.457	O				2.88
198.500	0.00	0.01	3.457	O				2.88
198.583	0.00	0.01	3.457	O				2.88
198.667	0.00	0.01	3.457	O				2.88
198.750	0.00	0.01	3.457	O				2.88
198.833	0.00	0.01	3.457	O				2.88
198.917	0.00	0.01	3.457	O				2.88
199.000	0.00	0.01	3.457	O				2.88
199.083	0.00	0.01	3.457	O				2.88
199.167	0.00	0.01	3.457	O				2.88
199.250	0.00	0.01	3.456	O				2.88
199.333	0.00	0.01	3.456	O				2.88
199.417	0.00	0.01	3.456	O				2.88
199.500	0.00	0.01	3.456	O				2.88
199.583	0.00	0.01	3.456	O				2.88
199.667	0.00	0.01	3.456	O				2.88
199.750	0.00	0.01	3.456	O				2.88
199.833	0.00	0.01	3.456	O				2.88
199.917	0.00	0.01	3.456	O				2.88
200.000	0.00	0.01	3.456	O				2.88
200.083	0.00	0.01	3.456	O				2.88
200.167	0.00	0.01	3.456	O				2.88
200.250	0.00	0.01	3.456	O				2.88
200.333	0.00	0.01	3.456	O				2.88
200.417	0.00	0.01	3.455	O				2.88
200.500	0.00	0.01	3.455	O				2.88
200.583	0.00	0.01	3.455	O				2.88
200.667	0.00	0.01	3.455	O				2.88
200.750	0.00	0.01	3.455	O				2.88
200.833	0.00	0.01	3.455	O				2.88
200.917	0.00	0.01	3.455	O				2.88
201.000	0.00	0.01	3.455	O				2.88
201.083	0.00	0.01	3.455	O				2.88
201.167	0.00	0.01	3.455	O				2.88
201.250	0.00	0.01	3.455	O				2.88
201.333	0.00	0.01	3.455	O				2.88
201.417	0.00	0.01	3.455	O				2.88
201.500	0.00	0.01	3.455	O				2.88
201.583	0.00	0.01	3.455	O				2.88
201.667	0.00	0.01	3.454	O				2.88
201.750	0.00	0.01	3.454	O				2.88
201.833	0.00	0.01	3.454	O				2.88
201.917	0.00	0.01	3.454	O				2.88
202.000	0.00	0.01	3.454	O				2.88
202.083	0.00	0.01	3.454	O				2.88
202.167	0.00	0.01	3.454	O				2.88

202.250	0.00	0.01	3.454	O				2.88
202.333	0.00	0.01	3.454	O				2.88
202.417	0.00	0.01	3.454	O				2.88
202.500	0.00	0.01	3.454	O				2.88
202.583	0.00	0.01	3.454	O				2.88
202.667	0.00	0.01	3.454	O				2.88
202.750	0.00	0.01	3.454	O				2.88
202.833	0.00	0.01	3.453	O				2.88
202.917	0.00	0.01	3.453	O				2.88
203.000	0.00	0.01	3.453	O				2.88
203.083	0.00	0.01	3.453	O				2.88
203.167	0.00	0.01	3.453	O				2.88
203.250	0.00	0.01	3.453	O				2.88
203.333	0.00	0.01	3.453	O				2.88
203.417	0.00	0.01	3.453	O				2.88
203.500	0.00	0.01	3.453	O				2.88
203.583	0.00	0.01	3.453	O				2.88
203.667	0.00	0.01	3.453	O				2.88
203.750	0.00	0.01	3.453	O				2.88
203.833	0.00	0.01	3.453	O				2.88
203.917	0.00	0.01	3.453	O				2.88
204.000	0.00	0.01	3.453	O				2.88
204.083	0.00	0.01	3.452	O				2.88
204.167	0.00	0.01	3.452	O				2.88
204.250	0.00	0.01	3.452	O				2.88
204.333	0.00	0.01	3.452	O				2.88
204.417	0.00	0.01	3.452	O				2.88
204.500	0.00	0.01	3.452	O				2.88
204.583	0.00	0.01	3.452	O				2.88
204.667	0.00	0.01	3.452	O				2.88
204.750	0.00	0.01	3.452	O				2.88
204.833	0.00	0.01	3.452	O				2.88
204.917	0.00	0.01	3.452	O				2.88
205.000	0.00	0.01	3.452	O				2.88
205.083	0.00	0.01	3.452	O				2.88
205.167	0.00	0.01	3.452	O				2.88
205.250	0.00	0.01	3.451	O				2.88
205.333	0.00	0.01	3.451	O				2.88
205.417	0.00	0.01	3.451	O				2.88
205.500	0.00	0.01	3.451	O				2.88
205.583	0.00	0.01	3.451	O				2.88
205.667	0.00	0.01	3.451	O				2.88
205.750	0.00	0.01	3.451	O				2.88
205.833	0.00	0.01	3.451	O				2.88
205.917	0.00	0.01	3.451	O				2.88
206.000	0.00	0.01	3.451	O				2.88
206.083	0.00	0.01	3.451	O				2.88
206.167	0.00	0.01	3.451	O				2.88
206.250	0.00	0.01	3.451	O				2.88
206.333	0.00	0.01	3.451	O				2.88

206.417	0.00	0.01	3.451	O	|	|	|	2.88
206.500	0.00	0.01	3.450	O	|	|	|	2.88
206.583	0.00	0.01	3.450	O	|	|	|	2.88
206.667	0.00	0.01	3.450	O	|	|	|	2.88
206.750	0.00	0.01	3.450	O	|	|	|	2.88
206.833	0.00	0.01	3.450	O	|	|	|	2.88
206.917	0.00	0.01	3.450	O	|	|	|	2.88
207.000	0.00	0.01	3.450	O	|	|	|	2.88
207.083	0.00	0.01	3.450	O	|	|	|	2.87
207.167	0.00	0.01	3.450	O	|	|	|	2.87
207.250	0.00	0.01	3.450	O	|	|	|	2.87
207.333	0.00	0.01	3.450	O	|	|	|	2.87
207.417	0.00	0.01	3.450	O	|	|	|	2.87
207.500	0.00	0.01	3.450	O	|	|	|	2.87
207.583	0.00	0.01	3.450	O	|	|	|	2.87
207.667	0.00	0.01	3.449	O	|	|	|	2.87
207.750	0.00	0.01	3.449	O	|	|	|	2.87
207.833	0.00	0.01	3.449	O	|	|	|	2.87
207.917	0.00	0.01	3.449	O	|	|	|	2.87
208.000	0.00	0.01	3.449	O	|	|	|	2.87
208.083	0.00	0.01	3.449	O	|	|	|	2.87
208.167	0.00	0.01	3.449	O	|	|	|	2.87
208.250	0.00	0.01	3.449	O	|	|	|	2.87
208.333	0.00	0.01	3.449	O	|	|	|	2.87
208.417	0.00	0.01	3.449	O	|	|	|	2.87
208.500	0.00	0.01	3.449	O	|	|	|	2.87
208.583	0.00	0.01	3.449	O	|	|	|	2.87
208.667	0.00	0.01	3.449	O	|	|	|	2.87
208.750	0.00	0.01	3.449	O	|	|	|	2.87
208.833	0.00	0.01	3.449	O	|	|	|	2.87
208.917	0.00	0.01	3.448	O	|	|	|	2.87
209.000	0.00	0.01	3.448	O	|	|	|	2.87
209.083	0.00	0.01	3.448	O	|	|	|	2.87
209.167	0.00	0.01	3.448	O	|	|	|	2.87
209.250	0.00	0.01	3.448	O	|	|	|	2.87
209.333	0.00	0.01	3.448	O	|	|	|	2.87
209.417	0.00	0.01	3.448	O	|	|	|	2.87
209.500	0.00	0.01	3.448	O	|	|	|	2.87
209.583	0.00	0.01	3.448	O	|	|	|	2.87
209.667	0.00	0.01	3.448	O	|	|	|	2.87
209.750	0.00	0.01	3.448	O	|	|	|	2.87
209.833	0.00	0.01	3.448	O	|	|	|	2.87
209.917	0.00	0.01	3.448	O	|	|	|	2.87
210.000	0.00	0.01	3.448	O	|	|	|	2.87
210.083	0.00	0.01	3.447	O	|	|	|	2.87
210.167	0.00	0.01	3.447	O	|	|	|	2.87
210.250	0.00	0.01	3.447	O	|	|	|	2.87
210.333	0.00	0.01	3.447	O	|	|	|	2.87
210.417	0.00	0.01	3.447	O	|	|	|	2.87
210.500	0.00	0.01	3.447	O	|	|	|	2.87

210.583	0.00	0.01	3.447	O				2.87
210.667	0.00	0.01	3.447	O				2.87
210.750	0.00	0.01	3.447	O				2.87
210.833	0.00	0.01	3.447	O				2.87
210.917	0.00	0.01	3.447	O				2.87
211.000	0.00	0.01	3.447	O				2.87
211.083	0.00	0.01	3.447	O				2.87
211.167	0.00	0.01	3.447	O				2.87
211.250	0.00	0.01	3.447	O				2.87
211.333	0.00	0.01	3.446	O				2.87
211.417	0.00	0.01	3.446	O				2.87
211.500	0.00	0.01	3.446	O				2.87
211.583	0.00	0.01	3.446	O				2.87
211.667	0.00	0.01	3.446	O				2.87
211.750	0.00	0.01	3.446	O				2.87
211.833	0.00	0.01	3.446	O				2.87
211.917	0.00	0.01	3.446	O				2.87
212.000	0.00	0.01	3.446	O				2.87
212.083	0.00	0.01	3.446	O				2.87
212.167	0.00	0.01	3.446	O				2.87
212.250	0.00	0.01	3.446	O				2.87
212.333	0.00	0.01	3.446	O				2.87
212.417	0.00	0.01	3.446	O				2.87
212.500	0.00	0.01	3.445	O				2.87
212.583	0.00	0.01	3.445	O				2.87
212.667	0.00	0.01	3.445	O				2.87
212.750	0.00	0.01	3.445	O				2.87
212.833	0.00	0.01	3.445	O				2.87
212.917	0.00	0.01	3.445	O				2.87
213.000	0.00	0.01	3.445	O				2.87
213.083	0.00	0.01	3.445	O				2.87
213.167	0.00	0.01	3.445	O				2.87
213.250	0.00	0.01	3.445	O				2.87
213.333	0.00	0.01	3.445	O				2.87
213.417	0.00	0.01	3.445	O				2.87
213.500	0.00	0.01	3.445	O				2.87
213.583	0.00	0.01	3.445	O				2.87
213.667	0.00	0.01	3.445	O				2.87
213.750	0.00	0.01	3.444	O				2.87
213.833	0.00	0.01	3.444	O				2.87
213.917	0.00	0.01	3.444	O				2.87
214.000	0.00	0.01	3.444	O				2.87
214.083	0.00	0.01	3.444	O				2.87
214.167	0.00	0.01	3.444	O				2.87
214.250	0.00	0.01	3.444	O				2.87
214.333	0.00	0.01	3.444	O				2.87
214.417	0.00	0.01	3.444	O				2.87
214.500	0.00	0.01	3.444	O				2.87
214.583	0.00	0.01	3.444	O				2.87
214.667	0.00	0.01	3.444	O				2.87

214.750	0.00	0.01	3.444	O					2.87
214.833	0.00	0.01	3.444	O					2.87
214.917	0.00	0.01	3.443	O					2.87
215.000	0.00	0.01	3.443	O					2.87
215.083	0.00	0.01	3.443	O					2.87
215.167	0.00	0.01	3.443	O					2.87
215.250	0.00	0.01	3.443	O					2.87
215.333	0.00	0.01	3.443	O					2.87
215.417	0.00	0.01	3.443	O					2.87
215.500	0.00	0.01	3.443	O					2.87
215.583	0.00	0.01	3.443	O					2.87
215.667	0.00	0.01	3.443	O					2.87
215.750	0.00	0.01	3.443	O					2.87
215.833	0.00	0.01	3.443	O					2.87
215.917	0.00	0.01	3.443	O					2.87
216.000	0.00	0.01	3.443	O					2.87
216.083	0.00	0.01	3.443	O					2.87
216.167	0.00	0.01	3.442	O					2.87
216.250	0.00	0.01	3.442	O					2.87
216.333	0.00	0.01	3.442	O					2.87
216.417	0.00	0.01	3.442	O					2.87
216.500	0.00	0.01	3.442	O					2.87
216.583	0.00	0.01	3.442	O					2.87
216.667	0.00	0.01	3.442	O					2.87
216.750	0.00	0.01	3.442	O					2.87
216.833	0.00	0.01	3.442	O					2.87
216.917	0.00	0.01	3.442	O					2.87
217.000	0.00	0.01	3.442	O					2.87
217.083	0.00	0.01	3.442	O					2.87
217.167	0.00	0.01	3.442	O					2.87
217.250	0.00	0.01	3.442	O					2.87
217.333	0.00	0.01	3.441	O					2.87
217.417	0.00	0.01	3.441	O					2.87
217.500	0.00	0.01	3.441	O					2.87
217.583	0.00	0.01	3.441	O					2.87
217.667	0.00	0.01	3.441	O					2.87
217.750	0.00	0.01	3.441	O					2.87
217.833	0.00	0.01	3.441	O					2.87
217.917	0.00	0.01	3.441	O					2.87
218.000	0.00	0.01	3.441	O					2.87
218.083	0.00	0.01	3.441	O					2.87
218.167	0.00	0.01	3.441	O					2.87
218.250	0.00	0.01	3.441	O					2.87
218.333	0.00	0.01	3.441	O					2.87
218.417	0.00	0.01	3.441	O					2.87
218.500	0.00	0.01	3.441	O					2.87
218.583	0.00	0.01	3.440	O					2.87
218.667	0.00	0.01	3.440	O					2.87
218.750	0.00	0.01	3.440	O					2.87
218.833	0.00	0.01	3.440	O					2.87

218.917	0.00	0.01	3.440	O				2.87
219.000	0.00	0.01	3.440	O				2.87
219.083	0.00	0.01	3.440	O				2.87
219.167	0.00	0.01	3.440	O				2.87
219.250	0.00	0.01	3.440	O				2.87
219.333	0.00	0.01	3.440	O				2.87
219.417	0.00	0.01	3.440	O				2.87
219.500	0.00	0.01	3.440	O				2.87
219.583	0.00	0.01	3.440	O				2.87
219.667	0.00	0.01	3.440	O				2.87
219.750	0.00	0.01	3.439	O				2.87
219.833	0.00	0.01	3.439	O				2.87
219.917	0.00	0.01	3.439	O				2.87
220.000	0.00	0.01	3.439	O				2.87
220.083	0.00	0.01	3.439	O				2.87
220.167	0.00	0.01	3.439	O				2.87
220.250	0.00	0.01	3.439	O				2.87
220.333	0.00	0.01	3.439	O				2.87
220.417	0.00	0.01	3.439	O				2.87
220.500	0.00	0.01	3.439	O				2.87
220.583	0.00	0.01	3.439	O				2.87
220.667	0.00	0.01	3.439	O				2.87
220.750	0.00	0.01	3.439	O				2.87
220.833	0.00	0.01	3.439	O				2.87
220.917	0.00	0.01	3.439	O				2.87
221.000	0.00	0.01	3.438	O				2.87
221.083	0.00	0.01	3.438	O				2.87
221.167	0.00	0.01	3.438	O				2.87
221.250	0.00	0.01	3.438	O				2.87
221.333	0.00	0.01	3.438	O				2.87
221.417	0.00	0.01	3.438	O				2.87
221.500	0.00	0.01	3.438	O				2.87
221.583	0.00	0.01	3.438	O				2.86
221.667	0.00	0.01	3.438	O				2.86
221.750	0.00	0.01	3.438	O				2.86
221.833	0.00	0.01	3.438	O				2.86
221.917	0.00	0.01	3.438	O				2.86
222.000	0.00	0.01	3.438	O				2.86
222.083	0.00	0.01	3.438	O				2.86
222.167	0.00	0.01	3.437	O				2.86
222.250	0.00	0.01	3.437	O				2.86
222.333	0.00	0.01	3.437	O				2.86
222.417	0.00	0.01	3.437	O				2.86
222.500	0.00	0.01	3.437	O				2.86
222.583	0.00	0.01	3.437	O				2.86
222.667	0.00	0.01	3.437	O				2.86
222.750	0.00	0.01	3.437	O				2.86
222.833	0.00	0.01	3.437	O				2.86
222.917	0.00	0.01	3.437	O				2.86
223.000	0.00	0.01	3.437	O				2.86

223.083	0.00	0.01	3.437	O				2.86
223.167	0.00	0.01	3.437	O				2.86
223.250	0.00	0.01	3.437	O				2.86
223.333	0.00	0.01	3.437	O				2.86
223.417	0.00	0.01	3.436	O				2.86
223.500	0.00	0.01	3.436	O				2.86
223.583	0.00	0.01	3.436	O				2.86
223.667	0.00	0.01	3.436	O				2.86
223.750	0.00	0.01	3.436	O				2.86
223.833	0.00	0.01	3.436	O				2.86
223.917	0.00	0.01	3.436	O				2.86
224.000	0.00	0.01	3.436	O				2.86
224.083	0.00	0.01	3.436	O				2.86
224.167	0.00	0.01	3.436	O				2.86
224.250	0.00	0.01	3.436	O				2.86
224.333	0.00	0.01	3.436	O				2.86
224.417	0.00	0.01	3.436	O				2.86
224.500	0.00	0.01	3.436	O				2.86
224.583	0.00	0.01	3.435	O				2.86
224.667	0.00	0.01	3.435	O				2.86
224.750	0.00	0.01	3.435	O				2.86
224.833	0.00	0.01	3.435	O				2.86
224.917	0.00	0.01	3.435	O				2.86
225.000	0.00	0.01	3.435	O				2.86
225.083	0.00	0.01	3.435	O				2.86
225.167	0.00	0.01	3.435	O				2.86
225.250	0.00	0.01	3.435	O				2.86
225.333	0.00	0.01	3.435	O				2.86
225.417	0.00	0.01	3.435	O				2.86
225.500	0.00	0.01	3.435	O				2.86
225.583	0.00	0.01	3.435	O				2.86
225.667	0.00	0.01	3.435	O				2.86
225.750	0.00	0.01	3.435	O				2.86
225.833	0.00	0.01	3.434	O				2.86
225.917	0.00	0.01	3.434	O				2.86
226.000	0.00	0.01	3.434	O				2.86
226.083	0.00	0.01	3.434	O				2.86
226.167	0.00	0.01	3.434	O				2.86
226.250	0.00	0.01	3.434	O				2.86
226.333	0.00	0.01	3.434	O				2.86
226.417	0.00	0.01	3.434	O				2.86
226.500	0.00	0.01	3.434	O				2.86
226.583	0.00	0.01	3.434	O				2.86
226.667	0.00	0.01	3.434	O				2.86
226.750	0.00	0.01	3.434	O				2.86
226.833	0.00	0.01	3.434	O				2.86
226.917	0.00	0.01	3.434	O				2.86
227.000	0.00	0.01	3.434	O				2.86
227.083	0.00	0.01	3.433	O				2.86
227.167	0.00	0.01	3.433	O				2.86

227.250	0.00	0.01	3.433	O				2.86
227.333	0.00	0.01	3.433	O				2.86
227.417	0.00	0.01	3.433	O				2.86
227.500	0.00	0.01	3.433	O				2.86
227.583	0.00	0.01	3.433	O				2.86
227.667	0.00	0.01	3.433	O				2.86
227.750	0.00	0.01	3.433	O				2.86
227.833	0.00	0.01	3.433	O				2.86
227.917	0.00	0.01	3.433	O				2.86
228.000	0.00	0.01	3.433	O				2.86
228.083	0.00	0.01	3.433	O				2.86
228.167	0.00	0.01	3.433	O				2.86
228.250	0.00	0.01	3.432	O				2.86
228.333	0.00	0.01	3.432	O				2.86
228.417	0.00	0.01	3.432	O				2.86
228.500	0.00	0.01	3.432	O				2.86
228.583	0.00	0.01	3.432	O				2.86
228.667	0.00	0.01	3.432	O				2.86
228.750	0.00	0.01	3.432	O				2.86
228.833	0.00	0.01	3.432	O				2.86
228.917	0.00	0.01	3.432	O				2.86
229.000	0.00	0.01	3.432	O				2.86
229.083	0.00	0.01	3.432	O				2.86
229.167	0.00	0.01	3.432	O				2.86
229.250	0.00	0.01	3.432	O				2.86
229.333	0.00	0.01	3.432	O				2.86
229.417	0.00	0.01	3.432	O				2.86
229.500	0.00	0.01	3.431	O				2.86
229.583	0.00	0.01	3.431	O				2.86
229.667	0.00	0.01	3.431	O				2.86
229.750	0.00	0.01	3.431	O				2.86
229.833	0.00	0.01	3.431	O				2.86
229.917	0.00	0.01	3.431	O				2.86
230.000	0.00	0.01	3.431	O				2.86
230.083	0.00	0.01	3.431	O				2.86
230.167	0.00	0.01	3.431	O				2.86
230.250	0.00	0.01	3.431	O				2.86
230.333	0.00	0.01	3.431	O				2.86
230.417	0.00	0.01	3.431	O				2.86
230.500	0.00	0.01	3.431	O				2.86
230.583	0.00	0.01	3.431	O				2.86
230.667	0.00	0.01	3.430	O				2.86
230.750	0.00	0.01	3.430	O				2.86
230.833	0.00	0.01	3.430	O				2.86
230.917	0.00	0.01	3.430	O				2.86
231.000	0.00	0.01	3.430	O				2.86
231.083	0.00	0.01	3.430	O				2.86
231.167	0.00	0.01	3.430	O				2.86
231.250	0.00	0.01	3.430	O				2.86
231.333	0.00	0.01	3.430	O				2.86

231.417	0.00	0.01	3.430	O	|	|	|	2.86
231.500	0.00	0.01	3.430	O	|	|	|	2.86
231.583	0.00	0.01	3.430	O	|	|	|	2.86
231.667	0.00	0.01	3.430	O	|	|	|	2.86
231.750	0.00	0.01	3.430	O	|	|	|	2.86
231.833	0.00	0.01	3.430	O	|	|	|	2.86
231.917	0.00	0.01	3.429	O	|	|	|	2.86
232.000	0.00	0.01	3.429	O	|	|	|	2.86
232.083	0.00	0.01	3.429	O	|	|	|	2.86
232.167	0.00	0.01	3.429	O	|	|	|	2.86
232.250	0.00	0.01	3.429	O	|	|	|	2.86
232.333	0.00	0.01	3.429	O	|	|	|	2.86
232.417	0.00	0.01	3.429	O	|	|	|	2.86
232.500	0.00	0.01	3.429	O	|	|	|	2.86
232.583	0.00	0.01	3.429	O	|	|	|	2.86
232.667	0.00	0.01	3.429	O	|	|	|	2.86
232.750	0.00	0.01	3.429	O	|	|	|	2.86
232.833	0.00	0.01	3.429	O	|	|	|	2.86
232.917	0.00	0.01	3.429	O	|	|	|	2.86
233.000	0.00	0.01	3.429	O	|	|	|	2.86
233.083	0.00	0.01	3.428	O	|	|	|	2.86
233.167	0.00	0.01	3.428	O	|	|	|	2.86
233.250	0.00	0.01	3.428	O	|	|	|	2.86
233.333	0.00	0.01	3.428	O	|	|	|	2.86
233.417	0.00	0.01	3.428	O	|	|	|	2.86
233.500	0.00	0.01	3.428	O	|	|	|	2.86
233.583	0.00	0.01	3.428	O	|	|	|	2.86
233.667	0.00	0.01	3.428	O	|	|	|	2.86
233.750	0.00	0.01	3.428	O	|	|	|	2.86
233.833	0.00	0.01	3.428	O	|	|	|	2.86
233.917	0.00	0.01	3.428	O	|	|	|	2.86
234.000	0.00	0.01	3.428	O	|	|	|	2.86
234.083	0.00	0.01	3.428	O	|	|	|	2.86
234.167	0.00	0.01	3.428	O	|	|	|	2.86
234.250	0.00	0.01	3.428	O	|	|	|	2.86
234.333	0.00	0.01	3.427	O	|	|	|	2.86
234.417	0.00	0.01	3.427	O	|	|	|	2.86
234.500	0.00	0.01	3.427	O	|	|	|	2.86
234.583	0.00	0.01	3.427	O	|	|	|	2.86
234.667	0.00	0.01	3.427	O	|	|	|	2.86
234.750	0.00	0.01	3.427	O	|	|	|	2.86
234.833	0.00	0.01	3.427	O	|	|	|	2.86
234.917	0.00	0.01	3.427	O	|	|	|	2.86
235.000	0.00	0.01	3.427	O	|	|	|	2.86
235.083	0.00	0.01	3.427	O	|	|	|	2.86
235.167	0.00	0.01	3.427	O	|	|	|	2.86
235.250	0.00	0.01	3.427	O	|	|	|	2.86
235.333	0.00	0.01	3.427	O	|	|	|	2.86
235.417	0.00	0.01	3.427	O	|	|	|	2.86
235.500	0.00	0.01	3.426	O	|	|	|	2.86

235.583	0.00	0.01	3.426	O				2.86
235.667	0.00	0.01	3.426	O				2.86
235.750	0.00	0.01	3.426	O				2.86
235.833	0.00	0.01	3.426	O				2.86
235.917	0.00	0.01	3.426	O				2.86
236.000	0.00	0.01	3.426	O				2.86
236.083	0.00	0.01	3.426	O				2.85
236.167	0.00	0.01	3.426	O				2.85
236.250	0.00	0.01	3.426	O				2.85
236.333	0.00	0.01	3.426	O				2.85
236.417	0.00	0.01	3.426	O				2.85
236.500	0.00	0.01	3.426	O				2.85
236.583	0.00	0.01	3.426	O				2.85
236.667	0.00	0.01	3.426	O				2.85
236.750	0.00	0.01	3.425	O				2.85
236.833	0.00	0.01	3.425	O				2.85
236.917	0.00	0.01	3.425	O				2.85
237.000	0.00	0.01	3.425	O				2.85
237.083	0.00	0.01	3.425	O				2.85
237.167	0.00	0.01	3.425	O				2.85
237.250	0.00	0.01	3.425	O				2.85
237.333	0.00	0.01	3.425	O				2.85
237.417	0.00	0.01	3.425	O				2.85
237.500	0.00	0.01	3.425	O				2.85
237.583	0.00	0.01	3.425	O				2.85
237.667	0.00	0.01	3.425	O				2.85
237.750	0.00	0.01	3.425	O				2.85
237.833	0.00	0.01	3.425	O				2.85
237.917	0.00	0.01	3.424	O				2.85
238.000	0.00	0.01	3.424	O				2.85
238.083	0.00	0.01	3.424	O				2.85
238.167	0.00	0.01	3.424	O				2.85
238.250	0.00	0.01	3.424	O				2.85
238.333	0.00	0.01	3.424	O				2.85
238.417	0.00	0.01	3.424	O				2.85
238.500	0.00	0.01	3.424	O				2.85
238.583	0.00	0.01	3.424	O				2.85
238.667	0.00	0.01	3.424	O				2.85
238.750	0.00	0.01	3.424	O				2.85
238.833	0.00	0.01	3.424	O				2.85
238.917	0.00	0.01	3.424	O				2.85
239.000	0.00	0.01	3.424	O				2.85
239.083	0.00	0.01	3.424	O				2.85
239.167	0.00	0.01	3.423	O				2.85
239.250	0.00	0.01	3.423	O				2.85
239.333	0.00	0.01	3.423	O				2.85
239.417	0.00	0.01	3.423	O				2.85
239.500	0.00	0.01	3.423	O				2.85
239.583	0.00	0.01	3.423	O				2.85
239.667	0.00	0.01	3.423	O				2.85

239.750	0.00	0.01	3.423	O	|	|	|	2.85
239.833	0.00	0.01	3.423	O	|	|	|	2.85
239.917	0.00	0.01	3.423	O	|	|	|	2.85
240.000	0.00	0.01	3.423	O	|	|	|	2.85
240.083	0.00	0.01	3.423	O	|	|	|	2.85
240.167	0.00	0.01	3.423	O	|	|	|	2.85
240.250	0.00	0.01	3.423	O	|	|	|	2.85
240.333	0.00	0.01	3.422	O	|	|	|	2.85
240.417	0.00	0.01	3.422	O	|	|	|	2.85
240.500	0.00	0.01	3.422	O	|	|	|	2.85
240.583	0.00	0.01	3.422	O	|	|	|	2.85
240.667	0.00	0.01	3.422	O	|	|	|	2.85
240.750	0.00	0.01	3.422	O	|	|	|	2.85
240.833	0.00	0.01	3.422	O	|	|	|	2.85
240.917	0.00	0.01	3.422	O	|	|	|	2.85
241.000	0.00	0.01	3.422	O	|	|	|	2.85
241.083	0.00	0.01	3.422	O	|	|	|	2.85
241.167	0.00	0.01	3.422	O	|	|	|	2.85
241.250	0.00	0.01	3.422	O	|	|	|	2.85
241.333	0.00	0.01	3.422	O	|	|	|	2.85
241.417	0.00	0.01	3.422	O	|	|	|	2.85
241.500	0.00	0.01	3.422	O	|	|	|	2.85
241.583	0.00	0.01	3.421	O	|	|	|	2.85
241.667	0.00	0.01	3.421	O	|	|	|	2.85
241.750	0.00	0.01	3.421	O	|	|	|	2.85
241.833	0.00	0.01	3.421	O	|	|	|	2.85
241.917	0.00	0.01	3.421	O	|	|	|	2.85
242.000	0.00	0.01	3.421	O	|	|	|	2.85
242.083	0.00	0.01	3.421	O	|	|	|	2.85
242.167	0.00	0.01	3.421	O	|	|	|	2.85
242.250	0.00	0.01	3.421	O	|	|	|	2.85
242.333	0.00	0.01	3.421	O	|	|	|	2.85
242.417	0.00	0.01	3.421	O	|	|	|	2.85
242.500	0.00	0.01	3.421	O	|	|	|	2.85
242.583	0.00	0.01	3.421	O	|	|	|	2.85
242.667	0.00	0.01	3.421	O	|	|	|	2.85
242.750	0.00	0.01	3.420	O	|	|	|	2.85
242.833	0.00	0.01	3.420	O	|	|	|	2.85
242.917	0.00	0.01	3.420	O	|	|	|	2.85
243.000	0.00	0.01	3.420	O	|	|	|	2.85
243.083	0.00	0.01	3.420	O	|	|	|	2.85
243.167	0.00	0.01	3.420	O	|	|	|	2.85
243.250	0.00	0.01	3.420	O	|	|	|	2.85
243.333	0.00	0.01	3.420	O	|	|	|	2.85
243.417	0.00	0.01	3.420	O	|	|	|	2.85
243.500	0.00	0.01	3.420	O	|	|	|	2.85
243.583	0.00	0.01	3.420	O	|	|	|	2.85
243.667	0.00	0.01	3.420	O	|	|	|	2.85
243.750	0.00	0.01	3.420	O	|	|	|	2.85
243.833	0.00	0.01	3.420	O	|	|	|	2.85

243.917	0.00	0.01	3.420	O					2.85
244.000	0.00	0.01	3.419	O					2.85
244.083	0.00	0.01	3.419	O					2.85
244.167	0.00	0.01	3.419	O					2.85
244.250	0.00	0.01	3.419	O					2.85
244.333	0.00	0.01	3.419	O					2.85
244.417	0.00	0.01	3.419	O					2.85
244.500	0.00	0.01	3.419	O					2.85
244.583	0.00	0.01	3.419	O					2.85
244.667	0.00	0.01	3.419	O					2.85
244.750	0.00	0.01	3.419	O					2.85
244.833	0.00	0.01	3.419	O					2.85
244.917	0.00	0.01	3.419	O					2.85
245.000	0.00	0.01	3.419	O					2.85
245.083	0.00	0.01	3.419	O					2.85
245.167	0.00	0.01	3.418	O					2.85
245.250	0.00	0.01	3.418	O					2.85
245.333	0.00	0.01	3.418	O					2.85
245.417	0.00	0.01	3.418	O					2.85
245.500	0.00	0.01	3.418	O					2.85
245.583	0.00	0.01	3.418	O					2.85
245.667	0.00	0.01	3.418	O					2.85
245.750	0.00	0.01	3.418	O					2.85
245.833	0.00	0.01	3.418	O					2.85
245.917	0.00	0.01	3.418	O					2.85
246.000	0.00	0.01	3.418	O					2.85
246.083	0.00	0.01	3.418	O					2.85
246.167	0.00	0.01	3.418	O					2.85
246.250	0.00	0.01	3.418	O					2.85
246.333	0.00	0.01	3.418	O					2.85
246.417	0.00	0.01	3.417	O					2.85
246.500	0.00	0.01	3.417	O					2.85
246.583	0.00	0.01	3.417	O					2.85
246.667	0.00	0.01	3.417	O					2.85
246.750	0.00	0.01	3.417	O					2.85
246.833	0.00	0.01	3.417	O					2.85
246.917	0.00	0.01	3.417	O					2.85
247.000	0.00	0.01	3.417	O					2.85
247.083	0.00	0.01	3.417	O					2.85
247.167	0.00	0.01	3.417	O					2.85
247.250	0.00	0.01	3.417	O					2.85
247.333	0.00	0.01	3.417	O					2.85
247.417	0.00	0.01	3.417	O					2.85
247.500	0.00	0.01	3.417	O					2.85
247.583	0.00	0.01	3.416	O					2.85
247.667	0.00	0.01	3.416	O					2.85
247.750	0.00	0.01	3.416	O					2.85
247.833	0.00	0.01	3.416	O					2.85
247.917	0.00	0.01	3.416	O					2.85
248.000	0.00	0.01	3.416	O					2.85

248.083	0.00	0.01	3.416	O				2.85
248.167	0.00	0.01	3.416	O				2.85
248.250	0.00	0.01	3.416	O				2.85
248.333	0.00	0.01	3.416	O				2.85
248.417	0.00	0.01	3.416	O				2.85
248.500	0.00	0.01	3.416	O				2.85
248.583	0.00	0.01	3.416	O				2.85
248.667	0.00	0.01	3.416	O				2.85
248.750	0.00	0.01	3.416	O				2.85
248.833	0.00	0.01	3.415	O				2.85
248.917	0.00	0.01	3.415	O				2.85
249.000	0.00	0.01	3.415	O				2.85
249.083	0.00	0.01	3.415	O				2.85
249.167	0.00	0.01	3.415	O				2.85
249.250	0.00	0.01	3.415	O				2.85
249.333	0.00	0.01	3.415	O				2.85
249.417	0.00	0.01	3.415	O				2.85
249.500	0.00	0.01	3.415	O				2.85
249.583	0.00	0.01	3.415	O				2.85
249.667	0.00	0.01	3.415	O				2.85
249.750	0.00	0.01	3.415	O				2.85
249.833	0.00	0.01	3.415	O				2.85
249.917	0.00	0.01	3.415	O				2.85
250.000	0.00	0.01	3.414	O				2.85
250.083	0.00	0.01	3.414	O				2.85
250.167	0.00	0.01	3.414	O				2.85
250.250	0.00	0.01	3.414	O				2.85
250.333	0.00	0.01	3.414	O				2.85
250.417	0.00	0.01	3.414	O				2.85
250.500	0.00	0.01	3.414	O				2.85
250.583	0.00	0.01	3.414	O				2.85
250.667	0.00	0.01	3.414	O				2.84
250.750	0.00	0.01	3.414	O				2.84
250.833	0.00	0.01	3.414	O				2.84
250.917	0.00	0.01	3.414	O				2.84
251.000	0.00	0.01	3.414	O				2.84
251.083	0.00	0.01	3.414	O				2.84
251.167	0.00	0.01	3.414	O				2.84
251.250	0.00	0.01	3.413	O				2.84
251.333	0.00	0.01	3.413	O				2.84
251.417	0.00	0.01	3.413	O				2.84
251.500	0.00	0.01	3.413	O				2.84
251.583	0.00	0.01	3.413	O				2.84
251.667	0.00	0.01	3.413	O				2.84
251.750	0.00	0.01	3.413	O				2.84
251.833	0.00	0.01	3.413	O				2.84
251.917	0.00	0.01	3.413	O				2.84
252.000	0.00	0.01	3.413	O				2.84
252.083	0.00	0.01	3.413	O				2.84
252.167	0.00	0.01	3.413	O				2.84

252.250	0.00	0.01	3.413	O				2.84
252.333	0.00	0.01	3.413	O				2.84
252.417	0.00	0.01	3.412	O				2.84
252.500	0.00	0.01	3.412	O				2.84
252.583	0.00	0.01	3.412	O				2.84
252.667	0.00	0.01	3.412	O				2.84
252.750	0.00	0.01	3.412	O				2.84
252.833	0.00	0.01	3.412	O				2.84
252.917	0.00	0.01	3.412	O				2.84
253.000	0.00	0.01	3.412	O				2.84
253.083	0.00	0.01	3.412	O				2.84
253.167	0.00	0.01	3.412	O				2.84
253.250	0.00	0.01	3.412	O				2.84
253.333	0.00	0.01	3.412	O				2.84
253.417	0.00	0.01	3.412	O				2.84
253.500	0.00	0.01	3.412	O				2.84
253.583	0.00	0.01	3.412	O				2.84
253.667	0.00	0.01	3.411	O				2.84
253.750	0.00	0.01	3.411	O				2.84
253.833	0.00	0.01	3.411	O				2.84
253.917	0.00	0.01	3.411	O				2.84
254.000	0.00	0.01	3.411	O				2.84
254.083	0.00	0.01	3.411	O				2.84
254.167	0.00	0.01	3.411	O				2.84
254.250	0.00	0.01	3.411	O				2.84
254.333	0.00	0.01	3.411	O				2.84
254.417	0.00	0.01	3.411	O				2.84
254.500	0.00	0.01	3.411	O				2.84
254.583	0.00	0.01	3.411	O				2.84
254.667	0.00	0.01	3.411	O				2.84
254.750	0.00	0.01	3.411	O				2.84
254.833	0.00	0.01	3.410	O				2.84
254.917	0.00	0.01	3.410	O				2.84
255.000	0.00	0.01	3.410	O				2.84
255.083	0.00	0.01	3.410	O				2.84
255.167	0.00	0.01	3.410	O				2.84
255.250	0.00	0.01	3.410	O				2.84
255.333	0.00	0.01	3.410	O				2.84
255.417	0.00	0.01	3.410	O				2.84
255.500	0.00	0.01	3.410	O				2.84
255.583	0.00	0.01	3.410	O				2.84
255.667	0.00	0.01	3.410	O				2.84
255.750	0.00	0.01	3.410	O				2.84
255.833	0.00	0.01	3.410	O				2.84
255.917	0.00	0.01	3.410	O				2.84
256.000	0.00	0.01	3.410	O				2.84
256.083	0.00	0.01	3.409	O				2.84
256.167	0.00	0.01	3.409	O				2.84
256.250	0.00	0.01	3.409	O				2.84
256.333	0.00	0.01	3.409	O				2.84

256.417	0.00	0.01	3.409	O	|	|	|	2.84
256.500	0.00	0.01	3.409	O	|	|	|	2.84
256.583	0.00	0.01	3.409	O	|	|	|	2.84
256.667	0.00	0.01	3.409	O	|	|	|	2.84
256.750	0.00	0.01	3.409	O	|	|	|	2.84
256.833	0.00	0.01	3.409	O	|	|	|	2.84
256.917	0.00	0.01	3.409	O	|	|	|	2.84
257.000	0.00	0.01	3.409	O	|	|	|	2.84
257.083	0.00	0.01	3.409	O	|	|	|	2.84
257.167	0.00	0.01	3.409	O	|	|	|	2.84
257.250	0.00	0.01	3.409	O	|	|	|	2.84
257.333	0.00	0.01	3.408	O	|	|	|	2.84
257.417	0.00	0.01	3.408	O	|	|	|	2.84
257.500	0.00	0.01	3.408	O	|	|	|	2.84
257.583	0.00	0.01	3.408	O	|	|	|	2.84
257.667	0.00	0.01	3.408	O	|	|	|	2.84
257.750	0.00	0.01	3.408	O	|	|	|	2.84
257.833	0.00	0.01	3.408	O	|	|	|	2.84
257.917	0.00	0.01	3.408	O	|	|	|	2.84
258.000	0.00	0.01	3.408	O	|	|	|	2.84
258.083	0.00	0.01	3.408	O	|	|	|	2.84
258.167	0.00	0.01	3.408	O	|	|	|	2.84
258.250	0.00	0.01	3.408	O	|	|	|	2.84
258.333	0.00	0.01	3.408	O	|	|	|	2.84
258.417	0.00	0.01	3.408	O	|	|	|	2.84
258.500	0.00	0.01	3.407	O	|	|	|	2.84
258.583	0.00	0.01	3.407	O	|	|	|	2.84
258.667	0.00	0.01	3.407	O	|	|	|	2.84
258.750	0.00	0.01	3.407	O	|	|	|	2.84
258.833	0.00	0.01	3.407	O	|	|	|	2.84
258.917	0.00	0.01	3.407	O	|	|	|	2.84
259.000	0.00	0.01	3.407	O	|	|	|	2.84
259.083	0.00	0.01	3.407	O	|	|	|	2.84
259.167	0.00	0.01	3.407	O	|	|	|	2.84
259.250	0.00	0.01	3.407	O	|	|	|	2.84
259.333	0.00	0.01	3.407	O	|	|	|	2.84
259.417	0.00	0.01	3.407	O	|	|	|	2.84
259.500	0.00	0.01	3.407	O	|	|	|	2.84
259.583	0.00	0.01	3.407	O	|	|	|	2.84
259.667	0.00	0.01	3.407	O	|	|	|	2.84
259.750	0.00	0.01	3.406	O	|	|	|	2.84
259.833	0.00	0.01	3.406	O	|	|	|	2.84
259.917	0.00	0.01	3.406	O	|	|	|	2.84
260.000	0.00	0.01	3.406	O	|	|	|	2.84
260.083	0.00	0.01	3.406	O	|	|	|	2.84
260.167	0.00	0.01	3.406	O	|	|	|	2.84
260.250	0.00	0.01	3.406	O	|	|	|	2.84
260.333	0.00	0.01	3.406	O	|	|	|	2.84
260.417	0.00	0.01	3.406	O	|	|	|	2.84
260.500	0.00	0.01	3.406	O	|	|	|	2.84

260.583	0.00	0.01	3.406	O	|	|	|	2.84
260.667	0.00	0.01	3.406	O	|	|	|	2.84
260.750	0.00	0.01	3.406	O	|	|	|	2.84
260.833	0.00	0.01	3.406	O	|	|	|	2.84
260.917	0.00	0.01	3.405	O	|	|	|	2.84
261.000	0.00	0.01	3.405	O	|	|	|	2.84
261.083	0.00	0.01	3.405	O	|	|	|	2.84
261.167	0.00	0.01	3.405	O	|	|	|	2.84
261.250	0.00	0.01	3.405	O	|	|	|	2.84
261.333	0.00	0.01	3.405	O	|	|	|	2.84
261.417	0.00	0.01	3.405	O	|	|	|	2.84
261.500	0.00	0.01	3.405	O	|	|	|	2.84
261.583	0.00	0.01	3.405	O	|	|	|	2.84
261.667	0.00	0.01	3.405	O	|	|	|	2.84
261.750	0.00	0.01	3.405	O	|	|	|	2.84
261.833	0.00	0.01	3.405	O	|	|	|	2.84
261.917	0.00	0.01	3.405	O	|	|	|	2.84
262.000	0.00	0.01	3.405	O	|	|	|	2.84
262.083	0.00	0.01	3.405	O	|	|	|	2.84
262.167	0.00	0.01	3.404	O	|	|	|	2.84
262.250	0.00	0.01	3.404	O	|	|	|	2.84
262.333	0.00	0.01	3.404	O	|	|	|	2.84
262.417	0.00	0.01	3.404	O	|	|	|	2.84
262.500	0.00	0.01	3.404	O	|	|	|	2.84
262.583	0.00	0.01	3.404	O	|	|	|	2.84
262.667	0.00	0.01	3.404	O	|	|	|	2.84
262.750	0.00	0.01	3.404	O	|	|	|	2.84
262.833	0.00	0.01	3.404	O	|	|	|	2.84
262.917	0.00	0.01	3.404	O	|	|	|	2.84
263.000	0.00	0.01	3.404	O	|	|	|	2.84
263.083	0.00	0.01	3.404	O	|	|	|	2.84
263.167	0.00	0.01	3.404	O	|	|	|	2.84
263.250	0.00	0.01	3.404	O	|	|	|	2.84
263.333	0.00	0.01	3.403	O	|	|	|	2.84
263.417	0.00	0.01	3.403	O	|	|	|	2.84
263.500	0.00	0.01	3.403	O	|	|	|	2.84
263.583	0.00	0.01	3.403	O	|	|	|	2.84
263.667	0.00	0.01	3.403	O	|	|	|	2.84
263.750	0.00	0.01	3.403	O	|	|	|	2.84
263.833	0.00	0.01	3.403	O	|	|	|	2.84
263.917	0.00	0.01	3.403	O	|	|	|	2.84
264.000	0.00	0.01	3.403	O	|	|	|	2.84
264.083	0.00	0.01	3.403	O	|	|	|	2.84
264.167	0.00	0.01	3.403	O	|	|	|	2.84
264.250	0.00	0.01	3.403	O	|	|	|	2.84
264.333	0.00	0.01	3.403	O	|	|	|	2.84
264.417	0.00	0.01	3.403	O	|	|	|	2.84
264.500	0.00	0.01	3.403	O	|	|	|	2.84
264.583	0.00	0.01	3.402	O	|	|	|	2.84
264.667	0.00	0.01	3.402	O	|	|	|	2.84

264.750	0.00	0.01	3.402	O				2.84
264.833	0.00	0.01	3.402	O				2.84
264.917	0.00	0.01	3.402	O				2.84
265.000	0.00	0.01	3.402	O				2.84
265.083	0.00	0.01	3.402	O				2.84
265.167	0.00	0.01	3.402	O				2.83
265.250	0.00	0.01	3.402	O				2.83
265.333	0.00	0.01	3.402	O				2.83
265.417	0.00	0.01	3.402	O				2.83
265.500	0.00	0.01	3.402	O				2.83
265.583	0.00	0.01	3.402	O				2.83
265.667	0.00	0.01	3.402	O				2.83
265.750	0.00	0.01	3.401	O				2.83
265.833	0.00	0.01	3.401	O				2.83
265.917	0.00	0.01	3.401	O				2.83
266.000	0.00	0.01	3.401	O				2.83
266.083	0.00	0.01	3.401	O				2.83
266.167	0.00	0.01	3.401	O				2.83
266.250	0.00	0.01	3.401	O				2.83
266.333	0.00	0.01	3.401	O				2.83
266.417	0.00	0.01	3.401	O				2.83
266.500	0.00	0.01	3.401	O				2.83
266.583	0.00	0.01	3.401	O				2.83
266.667	0.00	0.01	3.401	O				2.83
266.750	0.00	0.01	3.401	O				2.83
266.833	0.00	0.01	3.401	O				2.83
266.917	0.00	0.01	3.401	O				2.83
267.000	0.00	0.01	3.400	O				2.83
267.083	0.00	0.01	3.400	O				2.83
267.167	0.00	0.01	3.400	O				2.83
267.250	0.00	0.01	3.400	O				2.83
267.333	0.00	0.01	3.400	O				2.83
267.417	0.00	0.01	3.400	O				2.83
267.500	0.00	0.01	3.400	O				2.83
267.583	0.00	0.01	3.400	O				2.83
267.667	0.00	0.01	3.400	O				2.83
267.750	0.00	0.01	3.400	O				2.83
267.833	0.00	0.01	3.400	O				2.83
267.917	0.00	0.01	3.400	O				2.83
268.000	0.00	0.01	3.400	O				2.83
268.083	0.00	0.01	3.400	O				2.83
268.167	0.00	0.01	3.399	O				2.83
268.250	0.00	0.01	3.399	O				2.83
268.333	0.00	0.01	3.399	O				2.83
268.417	0.00	0.01	3.399	O				2.83
268.500	0.00	0.01	3.399	O				2.83
268.583	0.00	0.01	3.399	O				2.83
268.667	0.00	0.01	3.399	O				2.83
268.750	0.00	0.01	3.399	O				2.83
268.833	0.00	0.01	3.399	O				2.83

268.917	0.00	0.01	3.399	O				2.83
269.000	0.00	0.01	3.399	O				2.83
269.083	0.00	0.01	3.399	O				2.83
269.167	0.00	0.01	3.399	O				2.83
269.250	0.00	0.01	3.399	O				2.83
269.333	0.00	0.01	3.399	O				2.83
269.417	0.00	0.01	3.398	O				2.83
269.500	0.00	0.01	3.398	O				2.83
269.583	0.00	0.01	3.398	O				2.83
269.667	0.00	0.01	3.398	O				2.83
269.750	0.00	0.01	3.398	O				2.83
269.833	0.00	0.01	3.398	O				2.83
269.917	0.00	0.01	3.398	O				2.83
270.000	0.00	0.01	3.398	O				2.83
270.083	0.00	0.01	3.398	O				2.83
270.167	0.00	0.01	3.398	O				2.83
270.250	0.00	0.01	3.398	O				2.83
270.333	0.00	0.01	3.398	O				2.83
270.417	0.00	0.01	3.398	O				2.83
270.500	0.00	0.01	3.398	O				2.83
270.583	0.00	0.01	3.397	O				2.83
270.667	0.00	0.01	3.397	O				2.83
270.750	0.00	0.01	3.397	O				2.83
270.833	0.00	0.01	3.397	O				2.83
270.917	0.00	0.01	3.397	O				2.83
271.000	0.00	0.01	3.397	O				2.83
271.083	0.00	0.01	3.397	O				2.83
271.167	0.00	0.01	3.397	O				2.83
271.250	0.00	0.01	3.397	O				2.83
271.333	0.00	0.01	3.397	O				2.83
271.417	0.00	0.01	3.397	O				2.83
271.500	0.00	0.01	3.397	O				2.83
271.583	0.00	0.01	3.397	O				2.83
271.667	0.00	0.01	3.397	O				2.83
271.750	0.00	0.01	3.397	O				2.83
271.833	0.00	0.01	3.396	O				2.83
271.917	0.00	0.01	3.396	O				2.83
272.000	0.00	0.01	3.396	O				2.83
272.083	0.00	0.01	3.396	O				2.83
272.167	0.00	0.01	3.396	O				2.83
272.250	0.00	0.01	3.396	O				2.83
272.333	0.00	0.01	3.396	O				2.83
272.417	0.00	0.01	3.396	O				2.83
272.500	0.00	0.01	3.396	O				2.83
272.583	0.00	0.01	3.396	O				2.83
272.667	0.00	0.01	3.396	O				2.83
272.750	0.00	0.01	3.396	O				2.83
272.833	0.00	0.01	3.396	O				2.83
272.917	0.00	0.01	3.396	O				2.83
273.000	0.00	0.01	3.395	O				2.83

273.083	0.00	0.01	3.395	O				2.83
273.167	0.00	0.01	3.395	O				2.83
273.250	0.00	0.01	3.395	O				2.83
273.333	0.00	0.01	3.395	O				2.83
273.417	0.00	0.01	3.395	O				2.83
273.500	0.00	0.01	3.395	O				2.83
273.583	0.00	0.01	3.395	O				2.83
273.667	0.00	0.01	3.395	O				2.83
273.750	0.00	0.01	3.395	O				2.83
273.833	0.00	0.01	3.395	O				2.83
273.917	0.00	0.01	3.395	O				2.83
274.000	0.00	0.01	3.395	O				2.83
274.083	0.00	0.01	3.395	O				2.83
274.167	0.00	0.01	3.395	O				2.83
274.250	0.00	0.01	3.394	O				2.83
274.333	0.00	0.01	3.394	O				2.83
274.417	0.00	0.01	3.394	O				2.83
274.500	0.00	0.01	3.394	O				2.83
274.583	0.00	0.01	3.394	O				2.83
274.667	0.00	0.01	3.394	O				2.83
274.750	0.00	0.01	3.394	O				2.83
274.833	0.00	0.01	3.394	O				2.83
274.917	0.00	0.01	3.394	O				2.83
275.000	0.00	0.01	3.394	O				2.83
275.083	0.00	0.01	3.394	O				2.83
275.167	0.00	0.01	3.394	O				2.83
275.250	0.00	0.01	3.394	O				2.83
275.333	0.00	0.01	3.394	O				2.83
275.417	0.00	0.01	3.393	O				2.83
275.500	0.00	0.01	3.393	O				2.83
275.583	0.00	0.01	3.393	O				2.83
275.667	0.00	0.01	3.393	O				2.83
275.750	0.00	0.01	3.393	O				2.83
275.833	0.00	0.01	3.393	O				2.83
275.917	0.00	0.01	3.393	O				2.83
276.000	0.00	0.01	3.393	O				2.83
276.083	0.00	0.01	3.393	O				2.83
276.167	0.00	0.01	3.393	O				2.83
276.250	0.00	0.01	3.393	O				2.83
276.333	0.00	0.01	3.393	O				2.83
276.417	0.00	0.01	3.393	O				2.83
276.500	0.00	0.01	3.393	O				2.83
276.583	0.00	0.01	3.393	O				2.83
276.667	0.00	0.01	3.392	O				2.83
276.750	0.00	0.01	3.392	O				2.83
276.833	0.00	0.01	3.392	O				2.83
276.917	0.00	0.01	3.392	O				2.83
277.000	0.00	0.01	3.392	O				2.83
277.083	0.00	0.01	3.392	O				2.83
277.167	0.00	0.01	3.392	O				2.83

277.250	0.00	0.01	3.392	O				2.83
277.333	0.00	0.01	3.392	O				2.83
277.417	0.00	0.01	3.392	O				2.83
277.500	0.00	0.01	3.392	O				2.83
277.583	0.00	0.01	3.392	O				2.83
277.667	0.00	0.01	3.392	O				2.83
277.750	0.00	0.01	3.392	O				2.83
277.833	0.00	0.01	3.391	O				2.83
277.917	0.00	0.01	3.391	O				2.83
278.000	0.00	0.01	3.391	O				2.83
278.083	0.00	0.01	3.391	O				2.83
278.167	0.00	0.01	3.391	O				2.83
278.250	0.00	0.01	3.391	O				2.83
278.333	0.00	0.01	3.391	O				2.83
278.417	0.00	0.01	3.391	O				2.83
278.500	0.00	0.01	3.391	O				2.83
278.583	0.00	0.01	3.391	O				2.83
278.667	0.00	0.01	3.391	O				2.83
278.750	0.00	0.01	3.391	O				2.83
278.833	0.00	0.01	3.391	O				2.83
278.917	0.00	0.01	3.391	O				2.83
279.000	0.00	0.01	3.391	O				2.83
279.083	0.00	0.01	3.390	O				2.83
279.167	0.00	0.01	3.390	O				2.83
279.250	0.00	0.01	3.390	O				2.83
279.333	0.00	0.01	3.390	O				2.83
279.417	0.00	0.01	3.390	O				2.83
279.500	0.00	0.01	3.390	O				2.83
279.583	0.00	0.01	3.390	O				2.83
279.667	0.00	0.01	3.390	O				2.82
279.750	0.00	0.01	3.390	O				2.82
279.833	0.00	0.01	3.390	O				2.82
279.917	0.00	0.01	3.390	O				2.82
280.000	0.00	0.01	3.390	O				2.82
280.083	0.00	0.01	3.390	O				2.82
280.167	0.00	0.01	3.390	O				2.82
280.250	0.00	0.01	3.389	O				2.82
280.333	0.00	0.01	3.389	O				2.82
280.417	0.00	0.01	3.389	O				2.82
280.500	0.00	0.01	3.389	O				2.82
280.583	0.00	0.01	3.389	O				2.82
280.667	0.00	0.01	3.389	O				2.82
280.750	0.00	0.01	3.389	O				2.82
280.833	0.00	0.01	3.389	O				2.82
280.917	0.00	0.01	3.389	O				2.82
281.000	0.00	0.01	3.389	O				2.82
281.083	0.00	0.01	3.389	O				2.82
281.167	0.00	0.01	3.389	O				2.82
281.250	0.00	0.01	3.389	O				2.82
281.333	0.00	0.01	3.389	O				2.82

281.417	0.00	0.01	3.389	O				2.82
281.500	0.00	0.01	3.388	O				2.82
281.583	0.00	0.01	3.388	O				2.82
281.667	0.00	0.01	3.388	O				2.82
281.750	0.00	0.01	3.388	O				2.82
281.833	0.00	0.01	3.388	O				2.82
281.917	0.00	0.01	3.388	O				2.82
282.000	0.00	0.01	3.388	O				2.82
282.083	0.00	0.01	3.388	O				2.82
282.167	0.00	0.01	3.388	O				2.82
282.250	0.00	0.01	3.388	O				2.82
282.333	0.00	0.01	3.388	O				2.82
282.417	0.00	0.01	3.388	O				2.82
282.500	0.00	0.01	3.388	O				2.82
282.583	0.00	0.01	3.388	O				2.82
282.667	0.00	0.01	3.387	O				2.82
282.750	0.00	0.01	3.387	O				2.82
282.833	0.00	0.01	3.387	O				2.82
282.917	0.00	0.01	3.387	O				2.82
283.000	0.00	0.01	3.387	O				2.82
283.083	0.00	0.01	3.387	O				2.82
283.167	0.00	0.01	3.387	O				2.82
283.250	0.00	0.01	3.387	O				2.82
283.333	0.00	0.01	3.387	O				2.82
283.417	0.00	0.01	3.387	O				2.82
283.500	0.00	0.01	3.387	O				2.82
283.583	0.00	0.01	3.387	O				2.82
283.667	0.00	0.01	3.387	O				2.82
283.750	0.00	0.01	3.387	O				2.82
283.833	0.00	0.01	3.387	O				2.82
283.917	0.00	0.01	3.386	O				2.82
284.000	0.00	0.01	3.386	O				2.82
284.083	0.00	0.01	3.386	O				2.82
284.167	0.00	0.01	3.386	O				2.82
284.250	0.00	0.01	3.386	O				2.82
284.333	0.00	0.01	3.386	O				2.82
284.417	0.00	0.01	3.386	O				2.82
284.500	0.00	0.01	3.386	O				2.82
284.583	0.00	0.01	3.386	O				2.82
284.667	0.00	0.01	3.386	O				2.82
284.750	0.00	0.01	3.386	O				2.82
284.833	0.00	0.01	3.386	O				2.82
284.917	0.00	0.01	3.386	O				2.82
285.000	0.00	0.01	3.386	O				2.82
285.083	0.00	0.01	3.385	O				2.82
285.167	0.00	0.01	3.385	O				2.82
285.250	0.00	0.01	3.385	O				2.82
285.333	0.00	0.01	3.385	O				2.82
285.417	0.00	0.01	3.385	O				2.82
285.500	0.00	0.01	3.385	O				2.82

285.583	0.00	0.01	3.385	O				2.82
285.667	0.00	0.01	3.385	O				2.82
285.750	0.00	0.01	3.385	O				2.82
285.833	0.00	0.01	3.385	O				2.82
285.917	0.00	0.01	3.385	O				2.82
286.000	0.00	0.01	3.385	O				2.82
286.083	0.00	0.01	3.385	O				2.82
286.167	0.00	0.01	3.385	O				2.82
286.250	0.00	0.01	3.385	O				2.82
286.333	0.00	0.01	3.384	O				2.82
286.417	0.00	0.01	3.384	O				2.82
286.500	0.00	0.01	3.384	O				2.82
286.583	0.00	0.01	3.384	O				2.82
286.667	0.00	0.01	3.384	O				2.82
286.750	0.00	0.01	3.384	O				2.82
286.833	0.00	0.01	3.384	O				2.82
286.917	0.00	0.01	3.384	O				2.82
287.000	0.00	0.01	3.384	O				2.82
287.083	0.00	0.01	3.384	O				2.82
287.167	0.00	0.01	3.384	O				2.82
287.250	0.00	0.01	3.384	O				2.82
287.333	0.00	0.01	3.384	O				2.82
287.417	0.00	0.01	3.384	O				2.82
287.500	0.00	0.01	3.384	O				2.82
287.583	0.00	0.01	3.383	O				2.82
287.667	0.00	0.01	3.383	O				2.82
287.750	0.00	0.01	3.383	O				2.82
287.833	0.00	0.01	3.383	O				2.82
287.917	0.00	0.01	3.383	O				2.82
288.000	0.00	0.01	3.383	O				2.82
288.083	0.00	0.01	3.383	O				2.82
288.167	0.00	0.01	3.383	O				2.82
288.250	0.00	0.01	3.383	O				2.82
288.333	0.00	0.01	3.383	O				2.82
288.417	0.00	0.01	3.383	O				2.82
288.500	0.00	0.01	3.383	O				2.82
288.583	0.00	0.01	3.383	O				2.82
288.667	0.00	0.01	3.383	O				2.82
288.750	0.00	0.01	3.382	O				2.82
288.833	0.00	0.01	3.382	O				2.82
288.917	0.00	0.01	3.382	O				2.82
289.000	0.00	0.01	3.382	O				2.82
289.083	0.00	0.01	3.382	O				2.82
289.167	0.00	0.01	3.382	O				2.82
289.250	0.00	0.01	3.382	O				2.82
289.333	0.00	0.01	3.382	O				2.82
289.417	0.00	0.01	3.382	O				2.82
289.500	0.00	0.01	3.382	O				2.82
289.583	0.00	0.01	3.382	O				2.82
289.667	0.00	0.01	3.382	O				2.82

289.750	0.00	0.01	3.382	O	|	|	|	2.82
289.833	0.00	0.01	3.382	O	|	|	|	2.82
289.917	0.00	0.01	3.382	O	|	|	|	2.82
290.000	0.00	0.01	3.381	O	|	|	|	2.82
290.083	0.00	0.01	3.381	O	|	|	|	2.82
290.167	0.00	0.01	3.381	O	|	|	|	2.82
290.250	0.00	0.01	3.381	O	|	|	|	2.82
290.333	0.00	0.01	3.381	O	|	|	|	2.82
290.417	0.00	0.01	3.381	O	|	|	|	2.82
290.500	0.00	0.01	3.381	O	|	|	|	2.82
290.583	0.00	0.01	3.381	O	|	|	|	2.82
290.667	0.00	0.01	3.381	O	|	|	|	2.82
290.750	0.00	0.01	3.381	O	|	|	|	2.82
290.833	0.00	0.01	3.381	O	|	|	|	2.82
290.917	0.00	0.01	3.381	O	|	|	|	2.82
291.000	0.00	0.01	3.381	O	|	|	|	2.82
291.083	0.00	0.01	3.381	O	|	|	|	2.82
291.167	0.00	0.01	3.380	O	|	|	|	2.82
291.250	0.00	0.01	3.380	O	|	|	|	2.82
291.333	0.00	0.01	3.380	O	|	|	|	2.82
291.417	0.00	0.01	3.380	O	|	|	|	2.82
291.500	0.00	0.01	3.380	O	|	|	|	2.82
291.583	0.00	0.01	3.380	O	|	|	|	2.82
291.667	0.00	0.01	3.380	O	|	|	|	2.82
291.750	0.00	0.01	3.380	O	|	|	|	2.82
291.833	0.00	0.01	3.380	O	|	|	|	2.82
291.917	0.00	0.01	3.380	O	|	|	|	2.82
292.000	0.00	0.01	3.380	O	|	|	|	2.82
292.083	0.00	0.01	3.380	O	|	|	|	2.82
292.167	0.00	0.01	3.380	O	|	|	|	2.82
292.250	0.00	0.01	3.380	O	|	|	|	2.82
292.333	0.00	0.01	3.380	O	|	|	|	2.82
292.417	0.00	0.01	3.379	O	|	|	|	2.82
292.500	0.00	0.01	3.379	O	|	|	|	2.82
292.583	0.00	0.01	3.379	O	|	|	|	2.82
292.667	0.00	0.01	3.379	O	|	|	|	2.82
292.750	0.00	0.01	3.379	O	|	|	|	2.82
292.833	0.00	0.01	3.379	O	|	|	|	2.82
292.917	0.00	0.01	3.379	O	|	|	|	2.82
293.000	0.00	0.01	3.379	O	|	|	|	2.82
293.083	0.00	0.01	3.379	O	|	|	|	2.82
293.167	0.00	0.01	3.379	O	|	|	|	2.82
293.250	0.00	0.01	3.379	O	|	|	|	2.82
293.333	0.00	0.01	3.379	O	|	|	|	2.82
293.417	0.00	0.01	3.379	O	|	|	|	2.82
293.500	0.00	0.01	3.379	O	|	|	|	2.82
293.583	0.00	0.01	3.378	O	|	|	|	2.82
293.667	0.00	0.01	3.378	O	|	|	|	2.82
293.750	0.00	0.01	3.378	O	|	|	|	2.82
293.833	0.00	0.01	3.378	O	|	|	|	2.82

293.917	0.00	0.01	3.378	O				2.82
294.000	0.00	0.01	3.378	O				2.82
294.083	0.00	0.01	3.378	O				2.82
294.167	0.00	0.01	3.378	O				2.81
294.250	0.00	0.01	3.378	O				2.81
294.333	0.00	0.01	3.378	O				2.81
294.417	0.00	0.01	3.378	O				2.81
294.500	0.00	0.01	3.378	O				2.81
294.583	0.00	0.01	3.378	O				2.81
294.667	0.00	0.01	3.378	O				2.81
294.750	0.00	0.01	3.378	O				2.81
294.833	0.00	0.01	3.377	O				2.81
294.917	0.00	0.01	3.377	O				2.81
295.000	0.00	0.01	3.377	O				2.81
295.083	0.00	0.01	3.377	O				2.81
295.167	0.00	0.01	3.377	O				2.81
295.250	0.00	0.01	3.377	O				2.81
295.333	0.00	0.01	3.377	O				2.81
295.417	0.00	0.01	3.377	O				2.81
295.500	0.00	0.01	3.377	O				2.81
295.583	0.00	0.01	3.377	O				2.81
295.667	0.00	0.01	3.377	O				2.81
295.750	0.00	0.01	3.377	O				2.81
295.833	0.00	0.01	3.377	O				2.81
295.917	0.00	0.01	3.377	O				2.81
296.000	0.00	0.01	3.376	O				2.81
296.083	0.00	0.01	3.376	O				2.81
296.167	0.00	0.01	3.376	O				2.81
296.250	0.00	0.01	3.376	O				2.81
296.333	0.00	0.01	3.376	O				2.81
296.417	0.00	0.01	3.376	O				2.81
296.500	0.00	0.01	3.376	O				2.81
296.583	0.00	0.01	3.376	O				2.81
296.667	0.00	0.01	3.376	O				2.81
296.750	0.00	0.01	3.376	O				2.81
296.833	0.00	0.01	3.376	O				2.81
296.917	0.00	0.01	3.376	O				2.81
297.000	0.00	0.01	3.376	O				2.81
297.083	0.00	0.01	3.376	O				2.81
297.167	0.00	0.01	3.376	O				2.81
297.250	0.00	0.01	3.375	O				2.81
297.333	0.00	0.01	3.375	O				2.81
297.417	0.00	0.01	3.375	O				2.81
297.500	0.00	0.01	3.375	O				2.81
297.583	0.00	0.01	3.375	O				2.81
297.667	0.00	0.01	3.375	O				2.81
297.750	0.00	0.01	3.375	O				2.81
297.833	0.00	0.01	3.375	O				2.81
297.917	0.00	0.01	3.375	O				2.81
298.000	0.00	0.01	3.375	O				2.81

298.083	0.00	0.01	3.375	O				2.81
298.167	0.00	0.01	3.375	O				2.81
298.250	0.00	0.01	3.375	O				2.81
298.333	0.00	0.01	3.375	O				2.81
298.417	0.00	0.01	3.374	O				2.81
298.500	0.00	0.01	3.374	O				2.81
298.583	0.00	0.01	3.374	O				2.81
298.667	0.00	0.01	3.374	O				2.81
298.750	0.00	0.01	3.374	O				2.81
298.833	0.00	0.01	3.374	O				2.81
298.917	0.00	0.01	3.374	O				2.81
299.000	0.00	0.01	3.374	O				2.81
299.083	0.00	0.01	3.374	O				2.81
299.167	0.00	0.01	3.374	O				2.81
299.250	0.00	0.01	3.374	O				2.81
299.333	0.00	0.01	3.374	O				2.81
299.417	0.00	0.01	3.374	O				2.81
299.500	0.00	0.01	3.374	O				2.81
299.583	0.00	0.01	3.374	O				2.81
299.667	0.00	0.01	3.373	O				2.81
299.750	0.00	0.01	3.373	O				2.81
299.833	0.00	0.01	3.373	O				2.81
299.917	0.00	0.01	3.373	O				2.81
300.000	0.00	0.01	3.373	O				2.81
300.083	0.00	0.01	3.373	O				2.81
300.167	0.00	0.01	3.373	O				2.81
300.250	0.00	0.01	3.373	O				2.81
300.333	0.00	0.01	3.373	O				2.81
300.417	0.00	0.01	3.373	O				2.81
300.500	0.00	0.01	3.373	O				2.81
300.583	0.00	0.01	3.373	O				2.81
300.667	0.00	0.01	3.373	O				2.81
300.750	0.00	0.01	3.373	O				2.81
300.833	0.00	0.01	3.372	O				2.81
300.917	0.00	0.01	3.372	O				2.81
301.000	0.00	0.01	3.372	O				2.81
301.083	0.00	0.01	3.372	O				2.81
301.167	0.00	0.01	3.372	O				2.81
301.250	0.00	0.01	3.372	O				2.81
301.333	0.00	0.01	3.372	O				2.81
301.417	0.00	0.01	3.372	O				2.81
301.500	0.00	0.01	3.372	O				2.81
301.583	0.00	0.01	3.372	O				2.81
301.667	0.00	0.01	3.372	O				2.81
301.750	0.00	0.01	3.372	O				2.81
301.833	0.00	0.01	3.372	O				2.81
301.917	0.00	0.01	3.372	O				2.81
302.000	0.00	0.01	3.372	O				2.81
302.083	0.00	0.01	3.371	O				2.81
302.167	0.00	0.01	3.371	O				2.81

302.250	0.00	0.01	3.371	O				2.81
302.333	0.00	0.01	3.371	O				2.81
302.417	0.00	0.01	3.371	O				2.81
302.500	0.00	0.01	3.371	O				2.81
302.583	0.00	0.01	3.371	O				2.81
302.667	0.00	0.01	3.371	O				2.81
302.750	0.00	0.01	3.371	O				2.81
302.833	0.00	0.01	3.371	O				2.81
302.917	0.00	0.01	3.371	O				2.81
303.000	0.00	0.01	3.371	O				2.81
303.083	0.00	0.01	3.371	O				2.81
303.167	0.00	0.01	3.371	O				2.81
303.250	0.00	0.01	3.370	O				2.81
303.333	0.00	0.01	3.370	O				2.81
303.417	0.00	0.01	3.370	O				2.81
303.500	0.00	0.01	3.370	O				2.81
303.583	0.00	0.01	3.370	O				2.81
303.667	0.00	0.01	3.370	O				2.81
303.750	0.00	0.01	3.370	O				2.81
303.833	0.00	0.01	3.370	O				2.81
303.917	0.00	0.01	3.370	O				2.81
304.000	0.00	0.01	3.370	O				2.81
304.083	0.00	0.01	3.370	O				2.81
304.167	0.00	0.01	3.370	O				2.81
304.250	0.00	0.01	3.370	O				2.81
304.333	0.00	0.01	3.370	O				2.81
304.417	0.00	0.01	3.370	O				2.81
304.500	0.00	0.01	3.369	O				2.81
304.583	0.00	0.01	3.369	O				2.81
304.667	0.00	0.01	3.369	O				2.81
304.750	0.00	0.01	3.369	O				2.81
304.833	0.00	0.01	3.369	O				2.81
304.917	0.00	0.01	3.369	O				2.81
305.000	0.00	0.01	3.369	O				2.81
305.083	0.00	0.01	3.369	O				2.81
305.167	0.00	0.01	3.369	O				2.81
305.250	0.00	0.01	3.369	O				2.81
305.333	0.00	0.01	3.369	O				2.81
305.417	0.00	0.01	3.369	O				2.81
305.500	0.00	0.01	3.369	O				2.81
305.583	0.00	0.01	3.369	O				2.81
305.667	0.00	0.01	3.368	O				2.81
305.750	0.00	0.01	3.368	O				2.81
305.833	0.00	0.01	3.368	O				2.81
305.917	0.00	0.01	3.368	O				2.81
306.000	0.00	0.01	3.368	O				2.81
306.083	0.00	0.01	3.368	O				2.81
306.167	0.00	0.01	3.368	O				2.81
306.250	0.00	0.01	3.368	O				2.81
306.333	0.00	0.01	3.368	O				2.81

306.417	0.00	0.01	3.368	O				2.81
306.500	0.00	0.01	3.368	O				2.81
306.583	0.00	0.01	3.368	O				2.81
306.667	0.00	0.01	3.368	O				2.81
306.750	0.00	0.01	3.368	O				2.81
306.833	0.00	0.01	3.368	O				2.81
306.917	0.00	0.01	3.367	O				2.81
307.000	0.00	0.01	3.367	O				2.81
307.083	0.00	0.01	3.367	O				2.81
307.167	0.00	0.01	3.367	O				2.81
307.250	0.00	0.01	3.367	O				2.81
307.333	0.00	0.01	3.367	O				2.81
307.417	0.00	0.01	3.367	O				2.81
307.500	0.00	0.01	3.367	O				2.81
307.583	0.00	0.01	3.367	O				2.81
307.667	0.00	0.01	3.367	O				2.81
307.750	0.00	0.01	3.367	O				2.81
307.833	0.00	0.01	3.367	O				2.81
307.917	0.00	0.01	3.367	O				2.81
308.000	0.00	0.01	3.367	O				2.81
308.083	0.00	0.01	3.366	O				2.81
308.167	0.00	0.01	3.366	O				2.81
308.250	0.00	0.01	3.366	O				2.81
308.333	0.00	0.01	3.366	O				2.81
308.417	0.00	0.01	3.366	O				2.81
308.500	0.00	0.01	3.366	O				2.81
308.583	0.00	0.01	3.366	O				2.81
308.667	0.00	0.01	3.366	O				2.81
308.750	0.00	0.01	3.366	O				2.80
308.833	0.00	0.01	3.366	O				2.80
308.917	0.00	0.01	3.366	O				2.80
309.000	0.00	0.01	3.366	O				2.80
309.083	0.00	0.01	3.366	O				2.80
309.167	0.00	0.01	3.366	O				2.80
309.250	0.00	0.01	3.366	O				2.80
309.333	0.00	0.01	3.365	O				2.80
309.417	0.00	0.01	3.365	O				2.80
309.500	0.00	0.01	3.365	O				2.80
309.583	0.00	0.01	3.365	O				2.80
309.667	0.00	0.01	3.365	O				2.80
309.750	0.00	0.01	3.365	O				2.80
309.833	0.00	0.01	3.365	O				2.80
309.917	0.00	0.01	3.365	O				2.80
310.000	0.00	0.01	3.365	O				2.80
310.083	0.00	0.01	3.365	O				2.80
310.167	0.00	0.01	3.365	O				2.80
310.250	0.00	0.01	3.365	O				2.80
310.333	0.00	0.01	3.365	O				2.80
310.417	0.00	0.01	3.365	O				2.80
310.500	0.00	0.01	3.364	O				2.80

310.583	0.00	0.01	3.364	O				2.80
310.667	0.00	0.01	3.364	O				2.80
310.750	0.00	0.01	3.364	O				2.80
310.833	0.00	0.01	3.364	O				2.80
310.917	0.00	0.01	3.364	O				2.80
311.000	0.00	0.01	3.364	O				2.80
311.083	0.00	0.01	3.364	O				2.80
311.167	0.00	0.01	3.364	O				2.80
311.250	0.00	0.01	3.364	O				2.80
311.333	0.00	0.01	3.364	O				2.80
311.417	0.00	0.01	3.364	O				2.80
311.500	0.00	0.01	3.364	O				2.80
311.583	0.00	0.01	3.364	O				2.80
311.667	0.00	0.01	3.364	O				2.80
311.750	0.00	0.01	3.363	O				2.80
311.833	0.00	0.01	3.363	O				2.80
311.917	0.00	0.01	3.363	O				2.80
312.000	0.00	0.01	3.363	O				2.80
312.083	0.00	0.01	3.363	O				2.80
312.167	0.00	0.01	3.363	O				2.80
312.250	0.00	0.01	3.363	O				2.80
312.333	0.00	0.01	3.363	O				2.80
312.417	0.00	0.01	3.363	O				2.80
312.500	0.00	0.01	3.363	O				2.80
312.583	0.00	0.01	3.363	O				2.80
312.667	0.00	0.01	3.363	O				2.80
312.750	0.00	0.01	3.363	O				2.80
312.833	0.00	0.01	3.363	O				2.80
312.917	0.00	0.01	3.362	O				2.80
313.000	0.00	0.01	3.362	O				2.80
313.083	0.00	0.01	3.362	O				2.80
313.167	0.00	0.01	3.362	O				2.80
313.250	0.00	0.01	3.362	O				2.80
313.333	0.00	0.01	3.362	O				2.80
313.417	0.00	0.01	3.362	O				2.80
313.500	0.00	0.01	3.362	O				2.80
313.583	0.00	0.01	3.362	O				2.80
313.667	0.00	0.01	3.362	O				2.80
313.750	0.00	0.01	3.362	O				2.80
313.833	0.00	0.01	3.362	O				2.80
313.917	0.00	0.01	3.362	O				2.80
314.000	0.00	0.01	3.362	O				2.80
314.083	0.00	0.01	3.362	O				2.80
314.167	0.00	0.01	3.361	O				2.80
314.250	0.00	0.01	3.361	O				2.80
314.333	0.00	0.01	3.361	O				2.80
314.417	0.00	0.01	3.361	O				2.80
314.500	0.00	0.01	3.361	O				2.80
314.583	0.00	0.01	3.361	O				2.80
314.667	0.00	0.01	3.361	O				2.80

314.750	0.00	0.01	3.361	O				2.80
314.833	0.00	0.01	3.361	O				2.80
314.917	0.00	0.01	3.361	O				2.80
315.000	0.00	0.01	3.361	O				2.80
315.083	0.00	0.01	3.361	O				2.80
315.167	0.00	0.01	3.361	O				2.80
315.250	0.00	0.01	3.361	O				2.80
315.333	0.00	0.01	3.360	O				2.80
315.417	0.00	0.01	3.360	O				2.80
315.500	0.00	0.01	3.360	O				2.80
315.583	0.00	0.01	3.360	O				2.80
315.667	0.00	0.01	3.360	O				2.80
315.750	0.00	0.01	3.360	O				2.80
315.833	0.00	0.01	3.360	O				2.80
315.917	0.00	0.01	3.360	O				2.80
316.000	0.00	0.01	3.360	O				2.80
316.083	0.00	0.01	3.360	O				2.80
316.167	0.00	0.01	3.360	O				2.80
316.250	0.00	0.01	3.360	O				2.80
316.333	0.00	0.01	3.360	O				2.80
316.417	0.00	0.01	3.360	O				2.80
316.500	0.00	0.01	3.360	O				2.80
316.583	0.00	0.01	3.359	O				2.80
316.667	0.00	0.01	3.359	O				2.80
316.750	0.00	0.01	3.359	O				2.80
316.833	0.00	0.01	3.359	O				2.80
316.917	0.00	0.01	3.359	O				2.80
317.000	0.00	0.01	3.359	O				2.80
317.083	0.00	0.01	3.359	O				2.80
317.167	0.00	0.01	3.359	O				2.80
317.250	0.00	0.01	3.359	O				2.80
317.333	0.00	0.01	3.359	O				2.80
317.417	0.00	0.01	3.359	O				2.80
317.500	0.00	0.01	3.359	O				2.80
317.583	0.00	0.01	3.359	O				2.80
317.667	0.00	0.01	3.359	O				2.80
317.750	0.00	0.01	3.359	O				2.80
317.833	0.00	0.01	3.358	O				2.80
317.917	0.00	0.01	3.358	O				2.80
318.000	0.00	0.01	3.358	O				2.80
318.083	0.00	0.01	3.358	O				2.80
318.167	0.00	0.01	3.358	O				2.80
318.250	0.00	0.01	3.358	O				2.80
318.333	0.00	0.01	3.358	O				2.80
318.417	0.00	0.01	3.358	O				2.80
318.500	0.00	0.01	3.358	O				2.80
318.583	0.00	0.01	3.358	O				2.80
318.667	0.00	0.01	3.358	O				2.80
318.750	0.00	0.01	3.358	O				2.80
318.833	0.00	0.01	3.358	O				2.80

318.917	0.00	0.01	3.358	O				2.80
319.000	0.00	0.01	3.357	O				2.80
319.083	0.00	0.01	3.357	O				2.80
319.167	0.00	0.01	3.357	O				2.80
319.250	0.00	0.01	3.357	O				2.80
319.333	0.00	0.01	3.357	O				2.80
319.417	0.00	0.01	3.357	O				2.80
319.500	0.00	0.01	3.357	O				2.80
319.583	0.00	0.01	3.357	O				2.80
319.667	0.00	0.01	3.357	O				2.80
319.750	0.00	0.01	3.357	O				2.80
319.833	0.00	0.01	3.357	O				2.80
319.917	0.00	0.01	3.357	O				2.80
320.000	0.00	0.01	3.357	O				2.80
320.083	0.00	0.01	3.357	O				2.80
320.167	0.00	0.01	3.357	O				2.80
320.250	0.00	0.01	3.356	O				2.80
320.333	0.00	0.01	3.356	O				2.80
320.417	0.00	0.01	3.356	O				2.80
320.500	0.00	0.01	3.356	O				2.80
320.583	0.00	0.01	3.356	O				2.80
320.667	0.00	0.01	3.356	O				2.80
320.750	0.00	0.01	3.356	O				2.80
320.833	0.00	0.01	3.356	O				2.80
320.917	0.00	0.01	3.356	O				2.80
321.000	0.00	0.01	3.356	O				2.80
321.083	0.00	0.01	3.356	O				2.80
321.167	0.00	0.01	3.356	O				2.80
321.250	0.00	0.01	3.356	O				2.80
321.333	0.00	0.01	3.356	O				2.80
321.417	0.00	0.01	3.355	O				2.80
321.500	0.00	0.01	3.355	O				2.80
321.583	0.00	0.01	3.355	O				2.80
321.667	0.00	0.01	3.355	O				2.80
321.750	0.00	0.01	3.355	O				2.80
321.833	0.00	0.01	3.355	O				2.80
321.917	0.00	0.01	3.355	O				2.80
322.000	0.00	0.01	3.355	O				2.80
322.083	0.00	0.01	3.355	O				2.80
322.167	0.00	0.01	3.355	O				2.80
322.250	0.00	0.01	3.355	O				2.80
322.333	0.00	0.01	3.355	O				2.80
322.417	0.00	0.01	3.355	O				2.80
322.500	0.00	0.01	3.355	O				2.80
322.583	0.00	0.01	3.355	O				2.80
322.667	0.00	0.01	3.354	O				2.80
322.750	0.00	0.01	3.354	O				2.80
322.833	0.00	0.01	3.354	O				2.80
322.917	0.00	0.01	3.354	O				2.80
323.000	0.00	0.01	3.354	O				2.80

323.083	0.00	0.01	3.354	O	|	|	|	2.80
323.167	0.00	0.01	3.354	O	|	|	|	2.80
323.250	0.00	0.01	3.354	O	|	|	|	2.79
323.333	0.00	0.01	3.354	O	|	|	|	2.79
323.417	0.00	0.01	3.354	O	|	|	|	2.79
323.500	0.00	0.01	3.354	O	|	|	|	2.79
323.583	0.00	0.01	3.354	O	|	|	|	2.79
323.667	0.00	0.01	3.354	O	|	|	|	2.79
323.750	0.00	0.01	3.354	O	|	|	|	2.79
323.833	0.00	0.01	3.353	O	|	|	|	2.79
323.917	0.00	0.01	3.353	O	|	|	|	2.79
324.000	0.00	0.01	3.353	O	|	|	|	2.79
324.083	0.00	0.01	3.353	O	|	|	|	2.79
324.167	0.00	0.01	3.353	O	|	|	|	2.79
324.250	0.00	0.01	3.353	O	|	|	|	2.79
324.333	0.00	0.01	3.353	O	|	|	|	2.79
324.417	0.00	0.01	3.353	O	|	|	|	2.79
324.500	0.00	0.01	3.353	O	|	|	|	2.79
324.583	0.00	0.01	3.353	O	|	|	|	2.79
324.667	0.00	0.01	3.353	O	|	|	|	2.79
324.750	0.00	0.01	3.353	O	|	|	|	2.79
324.833	0.00	0.01	3.353	O	|	|	|	2.79
324.917	0.00	0.01	3.353	O	|	|	|	2.79
325.000	0.00	0.01	3.353	O	|	|	|	2.79
325.083	0.00	0.01	3.352	O	|	|	|	2.79
325.167	0.00	0.01	3.352	O	|	|	|	2.79
325.250	0.00	0.01	3.352	O	|	|	|	2.79
325.333	0.00	0.01	3.352	O	|	|	|	2.79
325.417	0.00	0.01	3.352	O	|	|	|	2.79
325.500	0.00	0.01	3.352	O	|	|	|	2.79
325.583	0.00	0.01	3.352	O	|	|	|	2.79
325.667	0.00	0.01	3.352	O	|	|	|	2.79
325.750	0.00	0.01	3.352	O	|	|	|	2.79
325.833	0.00	0.01	3.352	O	|	|	|	2.79
325.917	0.00	0.01	3.352	O	|	|	|	2.79
326.000	0.00	0.01	3.352	O	|	|	|	2.79
326.083	0.00	0.01	3.352	O	|	|	|	2.79
326.167	0.00	0.01	3.352	O	|	|	|	2.79
326.250	0.00	0.01	3.351	O	|	|	|	2.79
326.333	0.00	0.01	3.351	O	|	|	|	2.79
326.417	0.00	0.01	3.351	O	|	|	|	2.79
326.500	0.00	0.01	3.351	O	|	|	|	2.79
326.583	0.00	0.01	3.351	O	|	|	|	2.79
326.667	0.00	0.01	3.351	O	|	|	|	2.79
326.750	0.00	0.01	3.351	O	|	|	|	2.79
326.833	0.00	0.01	3.351	O	|	|	|	2.79
326.917	0.00	0.01	3.351	O	|	|	|	2.79
327.000	0.00	0.01	3.351	O	|	|	|	2.79
327.083	0.00	0.01	3.351	O	|	|	|	2.79
327.167	0.00	0.01	3.351	O	|	|	|	2.79

327.250	0.00	0.01	3.351	O				2.79
327.333	0.00	0.01	3.351	O				2.79
327.417	0.00	0.01	3.351	O				2.79
327.500	0.00	0.01	3.350	O				2.79
327.583	0.00	0.01	3.350	O				2.79
327.667	0.00	0.01	3.350	O				2.79
327.750	0.00	0.01	3.350	O				2.79
327.833	0.00	0.01	3.350	O				2.79
327.917	0.00	0.01	3.350	O				2.79
328.000	0.00	0.01	3.350	O				2.79
328.083	0.00	0.01	3.350	O				2.79
328.167	0.00	0.01	3.350	O				2.79
328.250	0.00	0.01	3.350	O				2.79
328.333	0.00	0.01	3.350	O				2.79
328.417	0.00	0.01	3.350	O				2.79
328.500	0.00	0.01	3.350	O				2.79
328.583	0.00	0.01	3.350	O				2.79
328.667	0.00	0.01	3.349	O				2.79
328.750	0.00	0.01	3.349	O				2.79
328.833	0.00	0.01	3.349	O				2.79
328.917	0.00	0.01	3.349	O				2.79
329.000	0.00	0.01	3.349	O				2.79
329.083	0.00	0.01	3.349	O				2.79
329.167	0.00	0.01	3.349	O				2.79
329.250	0.00	0.01	3.349	O				2.79
329.333	0.00	0.01	3.349	O				2.79
329.417	0.00	0.01	3.349	O				2.79
329.500	0.00	0.01	3.349	O				2.79
329.583	0.00	0.01	3.349	O				2.79
329.667	0.00	0.01	3.349	O				2.79
329.750	0.00	0.01	3.349	O				2.79
329.833	0.00	0.01	3.349	O				2.79
329.917	0.00	0.01	3.348	O				2.79
330.000	0.00	0.01	3.348	O				2.79
330.083	0.00	0.01	3.348	O				2.79
330.167	0.00	0.01	3.348	O				2.79
330.250	0.00	0.01	3.348	O				2.79
330.333	0.00	0.01	3.348	O				2.79
330.417	0.00	0.01	3.348	O				2.79
330.500	0.00	0.01	3.348	O				2.79
330.583	0.00	0.01	3.348	O				2.79
330.667	0.00	0.01	3.348	O				2.79
330.750	0.00	0.01	3.348	O				2.79
330.833	0.00	0.01	3.348	O				2.79
330.917	0.00	0.01	3.348	O				2.79
331.000	0.00	0.01	3.348	O				2.79
331.083	0.00	0.01	3.347	O				2.79
331.167	0.00	0.01	3.347	O				2.79
331.250	0.00	0.01	3.347	O				2.79
331.333	0.00	0.01	3.347	O				2.79

331.417	0.00	0.01	3.347	O				2.79
331.500	0.00	0.01	3.347	O				2.79
331.583	0.00	0.01	3.347	O				2.79
331.667	0.00	0.01	3.347	O				2.79
331.750	0.00	0.01	3.347	O				2.79
331.833	0.00	0.01	3.347	O				2.79
331.917	0.00	0.01	3.347	O				2.79
332.000	0.00	0.01	3.347	O				2.79
332.083	0.00	0.01	3.347	O				2.79
332.167	0.00	0.01	3.347	O				2.79
332.250	0.00	0.01	3.347	O				2.79
332.333	0.00	0.01	3.346	O				2.79
332.417	0.00	0.01	3.346	O				2.79
332.500	0.00	0.01	3.346	O				2.79
332.583	0.00	0.01	3.346	O				2.79
332.667	0.00	0.01	3.346	O				2.79
332.750	0.00	0.01	3.346	O				2.79
332.833	0.00	0.01	3.346	O				2.79
332.917	0.00	0.01	3.346	O				2.79
333.000	0.00	0.01	3.346	O				2.79
333.083	0.00	0.01	3.346	O				2.79
333.167	0.00	0.01	3.346	O				2.79
333.250	0.00	0.01	3.346	O				2.79
333.333	0.00	0.01	3.346	O				2.79
333.417	0.00	0.01	3.346	O				2.79
333.500	0.00	0.01	3.345	O				2.79
333.583	0.00	0.01	3.345	O				2.79
333.667	0.00	0.01	3.345	O				2.79
333.750	0.00	0.01	3.345	O				2.79
333.833	0.00	0.01	3.345	O				2.79
333.917	0.00	0.01	3.345	O				2.79
334.000	0.00	0.01	3.345	O				2.79
334.083	0.00	0.01	3.345	O				2.79
334.167	0.00	0.01	3.345	O				2.79
334.250	0.00	0.01	3.345	O				2.79
334.333	0.00	0.01	3.345	O				2.79
334.417	0.00	0.01	3.345	O				2.79
334.500	0.00	0.01	3.345	O				2.79
334.583	0.00	0.01	3.345	O				2.79
334.667	0.00	0.01	3.345	O				2.79
334.750	0.00	0.01	3.344	O				2.79
334.833	0.00	0.01	3.344	O				2.79
334.917	0.00	0.01	3.344	O				2.79
335.000	0.00	0.01	3.344	O				2.79
335.083	0.00	0.01	3.344	O				2.79
335.167	0.00	0.01	3.344	O				2.79
335.250	0.00	0.01	3.344	O				2.79
335.333	0.00	0.01	3.344	O				2.79
335.417	0.00	0.01	3.344	O				2.79
335.500	0.00	0.01	3.344	O				2.79

335.583	0.00	0.01	3.344	O				2.79
335.667	0.00	0.01	3.344	O				2.79
335.750	0.00	0.01	3.344	O				2.79
335.833	0.00	0.01	3.344	O				2.79
335.917	0.00	0.01	3.343	O				2.79
336.000	0.00	0.01	3.343	O				2.79
336.083	0.00	0.01	3.343	O				2.79
336.167	0.00	0.01	3.343	O				2.79
336.250	0.00	0.01	3.343	O				2.79
336.333	0.00	0.01	3.343	O				2.79
336.417	0.00	0.01	3.343	O				2.79
336.500	0.00	0.01	3.343	O				2.79
336.583	0.00	0.01	3.343	O				2.79
336.667	0.00	0.01	3.343	O				2.79
336.750	0.00	0.01	3.343	O				2.79
336.833	0.00	0.01	3.343	O				2.79
336.917	0.00	0.01	3.343	O				2.79
337.000	0.00	0.01	3.343	O				2.79
337.083	0.00	0.01	3.343	O				2.79
337.167	0.00	0.01	3.342	O				2.79
337.250	0.00	0.01	3.342	O				2.79
337.333	0.00	0.01	3.342	O				2.79
337.417	0.00	0.01	3.342	O				2.79
337.500	0.00	0.01	3.342	O				2.79
337.583	0.00	0.01	3.342	O				2.79
337.667	0.00	0.01	3.342	O				2.79
337.750	0.00	0.01	3.342	O				2.78
337.833	0.00	0.01	3.342	O				2.78
337.917	0.00	0.01	3.342	O				2.78
338.000	0.00	0.01	3.342	O				2.78
338.083	0.00	0.01	3.342	O				2.78
338.167	0.00	0.01	3.342	O				2.78
338.250	0.00	0.01	3.342	O				2.78
338.333	0.00	0.01	3.341	O				2.78
338.417	0.00	0.01	3.341	O				2.78
338.500	0.00	0.01	3.341	O				2.78
338.583	0.00	0.01	3.341	O				2.78
338.667	0.00	0.01	3.341	O				2.78
338.750	0.00	0.01	3.341	O				2.78
338.833	0.00	0.01	3.341	O				2.78
338.917	0.00	0.01	3.341	O				2.78
339.000	0.00	0.01	3.341	O				2.78
339.083	0.00	0.01	3.341	O				2.78
339.167	0.00	0.01	3.341	O				2.78
339.250	0.00	0.01	3.341	O				2.78
339.333	0.00	0.01	3.341	O				2.78
339.417	0.00	0.01	3.341	O				2.78
339.500	0.00	0.01	3.341	O				2.78
339.583	0.00	0.01	3.340	O				2.78
339.667	0.00	0.01	3.340	O				2.78

339.750	0.00	0.01	3.340	O	|	|	|	2.78
339.833	0.00	0.01	3.340	O	|	|	|	2.78
339.917	0.00	0.01	3.340	O	|	|	|	2.78
340.000	0.00	0.01	3.340	O	|	|	|	2.78
340.083	0.00	0.01	3.340	O	|	|	|	2.78
340.167	0.00	0.01	3.340	O	|	|	|	2.78
340.250	0.00	0.01	3.340	O	|	|	|	2.78
340.333	0.00	0.01	3.340	O	|	|	|	2.78
340.417	0.00	0.01	3.340	O	|	|	|	2.78
340.500	0.00	0.01	3.340	O	|	|	|	2.78
340.583	0.00	0.01	3.340	O	|	|	|	2.78
340.667	0.00	0.01	3.340	O	|	|	|	2.78
340.750	0.00	0.01	3.339	O	|	|	|	2.78
340.833	0.00	0.01	3.339	O	|	|	|	2.78
340.917	0.00	0.01	3.339	O	|	|	|	2.78
341.000	0.00	0.01	3.339	O	|	|	|	2.78
341.083	0.00	0.01	3.339	O	|	|	|	2.78
341.167	0.00	0.01	3.339	O	|	|	|	2.78
341.250	0.00	0.01	3.339	O	|	|	|	2.78
341.333	0.00	0.01	3.339	O	|	|	|	2.78
341.417	0.00	0.01	3.339	O	|	|	|	2.78
341.500	0.00	0.01	3.339	O	|	|	|	2.78
341.583	0.00	0.01	3.339	O	|	|	|	2.78
341.667	0.00	0.01	3.339	O	|	|	|	2.78
341.750	0.00	0.01	3.339	O	|	|	|	2.78
341.833	0.00	0.01	3.339	O	|	|	|	2.78
341.917	0.00	0.01	3.339	O	|	|	|	2.78
342.000	0.00	0.01	3.338	O	|	|	|	2.78
342.083	0.00	0.01	3.338	O	|	|	|	2.78
342.167	0.00	0.01	3.338	O	|	|	|	2.78
342.250	0.00	0.01	3.338	O	|	|	|	2.78
342.333	0.00	0.01	3.338	O	|	|	|	2.78
342.417	0.00	0.01	3.338	O	|	|	|	2.78
342.500	0.00	0.01	3.338	O	|	|	|	2.78
342.583	0.00	0.01	3.338	O	|	|	|	2.78
342.667	0.00	0.01	3.338	O	|	|	|	2.78
342.750	0.00	0.01	3.338	O	|	|	|	2.78
342.833	0.00	0.01	3.338	O	|	|	|	2.78
342.917	0.00	0.01	3.338	O	|	|	|	2.78
343.000	0.00	0.01	3.338	O	|	|	|	2.78
343.083	0.00	0.01	3.338	O	|	|	|	2.78
343.167	0.00	0.01	3.337	O	|	|	|	2.78
343.250	0.00	0.01	3.337	O	|	|	|	2.78
343.333	0.00	0.01	3.337	O	|	|	|	2.78
343.417	0.00	0.01	3.337	O	|	|	|	2.78
343.500	0.00	0.01	3.337	O	|	|	|	2.78
343.583	0.00	0.01	3.337	O	|	|	|	2.78
343.667	0.00	0.01	3.337	O	|	|	|	2.78
343.750	0.00	0.01	3.337	O	|	|	|	2.78
343.833	0.00	0.01	3.337	O	|	|	|	2.78

343.917	0.00	0.01	3.337	O					2.78
344.000	0.00	0.01	3.337	O					2.78
344.083	0.00	0.01	3.337	O					2.78
344.167	0.00	0.01	3.337	O					2.78
344.250	0.00	0.01	3.337	O					2.78
344.333	0.00	0.01	3.337	O					2.78
344.417	0.00	0.01	3.336	O					2.78
344.500	0.00	0.01	3.336	O					2.78
344.583	0.00	0.01	3.336	O					2.78
344.667	0.00	0.01	3.336	O					2.78
344.750	0.00	0.01	3.336	O					2.78
344.833	0.00	0.01	3.336	O					2.78
344.917	0.00	0.01	3.336	O					2.78
345.000	0.00	0.01	3.336	O					2.78
345.083	0.00	0.01	3.336	O					2.78
345.167	0.00	0.01	3.336	O					2.78
345.250	0.00	0.01	3.336	O					2.78
345.333	0.00	0.01	3.336	O					2.78
345.417	0.00	0.01	3.336	O					2.78
345.500	0.00	0.01	3.336	O					2.78
345.583	0.00	0.01	3.335	O					2.78
345.667	0.00	0.01	3.335	O					2.78
345.750	0.00	0.01	3.335	O					2.78
345.833	0.00	0.01	3.335	O					2.78
345.917	0.00	0.01	3.335	O					2.78
346.000	0.00	0.01	3.335	O					2.78
346.083	0.00	0.01	3.335	O					2.78
346.167	0.00	0.01	3.335	O					2.78
346.250	0.00	0.01	3.335	O					2.78
346.333	0.00	0.01	3.335	O					2.78
346.417	0.00	0.01	3.335	O					2.78
346.500	0.00	0.01	3.335	O					2.78
346.583	0.00	0.01	3.335	O					2.78
346.667	0.00	0.01	3.335	O					2.78
346.750	0.00	0.01	3.335	O					2.78
346.833	0.00	0.01	3.334	O					2.78
346.917	0.00	0.01	3.334	O					2.78
347.000	0.00	0.01	3.334	O					2.78
347.083	0.00	0.01	3.334	O					2.78
347.167	0.00	0.01	3.334	O					2.78
347.250	0.00	0.01	3.334	O					2.78
347.333	0.00	0.01	3.334	O					2.78
347.417	0.00	0.01	3.334	O					2.78
347.500	0.00	0.01	3.334	O					2.78
347.583	0.00	0.01	3.334	O					2.78
347.667	0.00	0.01	3.334	O					2.78
347.750	0.00	0.01	3.334	O					2.78
347.833	0.00	0.01	3.334	O					2.78
347.917	0.00	0.01	3.334	O					2.78
348.000	0.00	0.01	3.334	O					2.78

348.083	0.00	0.01	3.333	O				2.78
348.167	0.00	0.01	3.333	O				2.78
348.250	0.00	0.01	3.333	O				2.78
348.333	0.00	0.01	3.333	O				2.78
348.417	0.00	0.01	3.333	O				2.78
348.500	0.00	0.01	3.333	O				2.78
348.583	0.00	0.01	3.333	O				2.78
348.667	0.00	0.01	3.333	O				2.78
348.750	0.00	0.01	3.333	O				2.78
348.833	0.00	0.01	3.333	O				2.78
348.917	0.00	0.01	3.333	O				2.78
349.000	0.00	0.01	3.333	O				2.78
349.083	0.00	0.01	3.333	O				2.78
349.167	0.00	0.01	3.333	O				2.78
349.250	0.00	0.01	3.332	O				2.78
349.333	0.00	0.01	3.332	O				2.78
349.417	0.00	0.01	3.332	O				2.78
349.500	0.00	0.01	3.332	O				2.78
349.583	0.00	0.01	3.332	O				2.78
349.667	0.00	0.01	3.332	O				2.78
349.750	0.00	0.01	3.332	O				2.78
349.833	0.00	0.01	3.332	O				2.78
349.917	0.00	0.01	3.332	O				2.78
350.000	0.00	0.01	3.332	O				2.78
350.083	0.00	0.01	3.332	O				2.78
350.167	0.00	0.01	3.332	O				2.78
350.250	0.00	0.01	3.332	O				2.78
350.333	0.00	0.01	3.332	O				2.78
350.417	0.00	0.01	3.332	O				2.78
350.500	0.00	0.01	3.331	O				2.78
350.583	0.00	0.01	3.331	O				2.78
350.667	0.00	0.01	3.331	O				2.78
350.750	0.00	0.01	3.331	O				2.78
350.833	0.00	0.01	3.331	O				2.78
350.917	0.00	0.01	3.331	O				2.78
351.000	0.00	0.01	3.331	O				2.78
351.083	0.00	0.01	3.331	O				2.78
351.167	0.00	0.01	3.331	O				2.78
351.250	0.00	0.01	3.331	O				2.78
351.333	0.00	0.01	3.331	O				2.78
351.417	0.00	0.01	3.331	O				2.78
351.500	0.00	0.01	3.331	O				2.78
351.583	0.00	0.01	3.331	O				2.78
351.667	0.00	0.01	3.330	O				2.78
351.750	0.00	0.01	3.330	O				2.78
351.833	0.00	0.01	3.330	O				2.78
351.917	0.00	0.01	3.330	O				2.78
352.000	0.00	0.01	3.330	O				2.78
352.083	0.00	0.01	3.330	O				2.78
352.167	0.00	0.01	3.330	O				2.78

352.250	0.00	0.01	3.330	O				2.77
352.333	0.00	0.01	3.330	O				2.77
352.417	0.00	0.01	3.330	O				2.77
352.500	0.00	0.01	3.330	O				2.77
352.583	0.00	0.01	3.330	O				2.77
352.667	0.00	0.01	3.330	O				2.77
352.750	0.00	0.01	3.330	O				2.77
352.833	0.00	0.01	3.330	O				2.77
352.917	0.00	0.01	3.329	O				2.77
353.000	0.00	0.01	3.329	O				2.77
353.083	0.00	0.01	3.329	O				2.77
353.167	0.00	0.01	3.329	O				2.77
353.250	0.00	0.01	3.329	O				2.77
353.333	0.00	0.01	3.329	O				2.77
353.417	0.00	0.01	3.329	O				2.77
353.500	0.00	0.01	3.329	O				2.77
353.583	0.00	0.01	3.329	O				2.77
353.667	0.00	0.01	3.329	O				2.77
353.750	0.00	0.01	3.329	O				2.77
353.833	0.00	0.01	3.329	O				2.77
353.917	0.00	0.01	3.329	O				2.77
354.000	0.00	0.01	3.329	O				2.77
354.083	0.00	0.01	3.328	O				2.77
354.167	0.00	0.01	3.328	O				2.77
354.250	0.00	0.01	3.328	O				2.77
354.333	0.00	0.01	3.328	O				2.77
354.417	0.00	0.01	3.328	O				2.77
354.500	0.00	0.01	3.328	O				2.77
354.583	0.00	0.01	3.328	O				2.77
354.667	0.00	0.01	3.328	O				2.77
354.750	0.00	0.01	3.328	O				2.77
354.833	0.00	0.01	3.328	O				2.77
354.917	0.00	0.01	3.328	O				2.77
355.000	0.00	0.01	3.328	O				2.77
355.083	0.00	0.01	3.328	O				2.77
355.167	0.00	0.01	3.328	O				2.77
355.250	0.00	0.01	3.328	O				2.77
355.333	0.00	0.01	3.327	O				2.77
355.417	0.00	0.01	3.327	O				2.77
355.500	0.00	0.01	3.327	O				2.77
355.583	0.00	0.01	3.327	O				2.77
355.667	0.00	0.01	3.327	O				2.77
355.750	0.00	0.01	3.327	O				2.77
355.833	0.00	0.01	3.327	O				2.77
355.917	0.00	0.01	3.327	O				2.77
356.000	0.00	0.01	3.327	O				2.77
356.083	0.00	0.01	3.327	O				2.77
356.167	0.00	0.01	3.327	O				2.77
356.250	0.00	0.01	3.327	O				2.77
356.333	0.00	0.01	3.327	O				2.77

356.417	0.00	0.01	3.327	O				2.77
356.500	0.00	0.01	3.326	O				2.77
356.583	0.00	0.01	3.326	O				2.77
356.667	0.00	0.01	3.326	O				2.77
356.750	0.00	0.01	3.326	O				2.77
356.833	0.00	0.01	3.326	O				2.77
356.917	0.00	0.01	3.326	O				2.77
357.000	0.00	0.01	3.326	O				2.77
357.083	0.00	0.01	3.326	O				2.77
357.167	0.00	0.01	3.326	O				2.77
357.250	0.00	0.01	3.326	O				2.77
357.333	0.00	0.01	3.326	O				2.77
357.417	0.00	0.01	3.326	O				2.77
357.500	0.00	0.01	3.326	O				2.77
357.583	0.00	0.01	3.326	O				2.77
357.667	0.00	0.01	3.326	O				2.77
357.750	0.00	0.01	3.325	O				2.77
357.833	0.00	0.01	3.325	O				2.77
357.917	0.00	0.01	3.325	O				2.77
358.000	0.00	0.01	3.325	O				2.77
358.083	0.00	0.01	3.325	O				2.77
358.167	0.00	0.01	3.325	O				2.77
358.250	0.00	0.01	3.325	O				2.77
358.333	0.00	0.01	3.325	O				2.77
358.417	0.00	0.01	3.325	O				2.77
358.500	0.00	0.01	3.325	O				2.77
358.583	0.00	0.01	3.325	O				2.77
358.667	0.00	0.01	3.325	O				2.77
358.750	0.00	0.01	3.325	O				2.77
358.833	0.00	0.01	3.325	O				2.77
358.917	0.00	0.01	3.324	O				2.77
359.000	0.00	0.01	3.324	O				2.77
359.083	0.00	0.01	3.324	O				2.77
359.167	0.00	0.01	3.324	O				2.77
359.250	0.00	0.01	3.324	O				2.77
359.333	0.00	0.01	3.324	O				2.77
359.417	0.00	0.01	3.324	O				2.77
359.500	0.00	0.01	3.324	O				2.77
359.583	0.00	0.01	3.324	O				2.77
359.667	0.00	0.01	3.324	O				2.77
359.750	0.00	0.01	3.324	O				2.77
359.833	0.00	0.01	3.324	O				2.77
359.917	0.00	0.01	3.324	O				2.77
360.000	0.00	0.01	3.324	O				2.77
360.083	0.00	0.01	3.324	O				2.77
360.167	0.00	0.01	3.323	O				2.77
360.250	0.00	0.01	3.323	O				2.77
360.333	0.00	0.01	3.323	O				2.77
360.417	0.00	0.01	3.323	O				2.77
360.500	0.00	0.01	3.323	O				2.77

360.583	0.00	0.01	3.323	O				2.77
360.667	0.00	0.01	3.323	O				2.77
360.750	0.00	0.01	3.323	O				2.77
360.833	0.00	0.01	3.323	O				2.77
360.917	0.00	0.01	3.323	O				2.77
361.000	0.00	0.01	3.323	O				2.77
361.083	0.00	0.01	3.323	O				2.77
361.167	0.00	0.01	3.323	O				2.77
361.250	0.00	0.01	3.323	O				2.77
361.333	0.00	0.01	3.322	O				2.77
361.417	0.00	0.01	3.322	O				2.77
361.500	0.00	0.01	3.322	O				2.77
361.583	0.00	0.01	3.322	O				2.77
361.667	0.00	0.01	3.322	O				2.77
361.750	0.00	0.01	3.322	O				2.77
361.833	0.00	0.01	3.322	O				2.77
361.917	0.00	0.01	3.322	O				2.77
362.000	0.00	0.01	3.322	O				2.77
362.083	0.00	0.01	3.322	O				2.77
362.167	0.00	0.01	3.322	O				2.77
362.250	0.00	0.01	3.322	O				2.77
362.333	0.00	0.01	3.322	O				2.77
362.417	0.00	0.01	3.322	O				2.77
362.500	0.00	0.01	3.322	O				2.77
362.583	0.00	0.01	3.321	O				2.77
362.667	0.00	0.01	3.321	O				2.77
362.750	0.00	0.01	3.321	O				2.77
362.833	0.00	0.01	3.321	O				2.77
362.917	0.00	0.01	3.321	O				2.77
363.000	0.00	0.01	3.321	O				2.77
363.083	0.00	0.01	3.321	O				2.77
363.167	0.00	0.01	3.321	O				2.77
363.250	0.00	0.01	3.321	O				2.77
363.333	0.00	0.01	3.321	O				2.77
363.417	0.00	0.01	3.321	O				2.77
363.500	0.00	0.01	3.321	O				2.77
363.583	0.00	0.01	3.321	O				2.77
363.667	0.00	0.01	3.321	O				2.77
363.750	0.00	0.01	3.320	O				2.77
363.833	0.00	0.01	3.320	O				2.77
363.917	0.00	0.01	3.320	O				2.77
364.000	0.00	0.01	3.320	O				2.77
364.083	0.00	0.01	3.320	O				2.77
364.167	0.00	0.01	3.320	O				2.77
364.250	0.00	0.01	3.320	O				2.77
364.333	0.00	0.01	3.320	O				2.77
364.417	0.00	0.01	3.320	O				2.77
364.500	0.00	0.01	3.320	O				2.77
364.583	0.00	0.01	3.320	O				2.77
364.667	0.00	0.01	3.320	O				2.77

364.750	0.00	0.01	3.320	O				2.77
364.833	0.00	0.01	3.320	O				2.77
364.917	0.00	0.01	3.320	O				2.77
365.000	0.00	0.01	3.319	O				2.77
365.083	0.00	0.01	3.319	O				2.77
365.167	0.00	0.01	3.319	O				2.77
365.250	0.00	0.01	3.319	O				2.77
365.333	0.00	0.01	3.319	O				2.77
365.417	0.00	0.01	3.319	O				2.77
365.500	0.00	0.01	3.319	O				2.77
365.583	0.00	0.01	3.319	O				2.77
365.667	0.00	0.01	3.319	O				2.77
365.750	0.00	0.01	3.319	O				2.77
365.833	0.00	0.01	3.319	O				2.77
365.917	0.00	0.01	3.319	O				2.77
366.000	0.00	0.01	3.319	O				2.77
366.083	0.00	0.01	3.319	O				2.77
366.167	0.00	0.01	3.318	O				2.77
366.250	0.00	0.01	3.318	O				2.77
366.333	0.00	0.01	3.318	O				2.77
366.417	0.00	0.01	3.318	O				2.77
366.500	0.00	0.01	3.318	O				2.77
366.583	0.00	0.01	3.318	O				2.77
366.667	0.00	0.01	3.318	O				2.77
366.750	0.00	0.01	3.318	O				2.77
366.833	0.00	0.01	3.318	O				2.76
366.917	0.00	0.01	3.318	O				2.76
367.000	0.00	0.01	3.318	O				2.76
367.083	0.00	0.01	3.318	O				2.76
367.167	0.00	0.01	3.318	O				2.76
367.250	0.00	0.01	3.318	O				2.76
367.333	0.00	0.01	3.318	O				2.76
367.417	0.00	0.01	3.317	O				2.76
367.500	0.00	0.01	3.317	O				2.76
367.583	0.00	0.01	3.317	O				2.76
367.667	0.00	0.01	3.317	O				2.76
367.750	0.00	0.01	3.317	O				2.76
367.833	0.00	0.01	3.317	O				2.76
367.917	0.00	0.01	3.317	O				2.76
368.000	0.00	0.01	3.317	O				2.76
368.083	0.00	0.01	3.317	O				2.76
368.167	0.00	0.01	3.317	O				2.76
368.250	0.00	0.01	3.317	O				2.76
368.333	0.00	0.01	3.317	O				2.76
368.417	0.00	0.01	3.317	O				2.76
368.500	0.00	0.01	3.317	O				2.76
368.583	0.00	0.01	3.316	O				2.76
368.667	0.00	0.01	3.316	O				2.76
368.750	0.00	0.01	3.316	O				2.76
368.833	0.00	0.01	3.316	O				2.76

368.917	0.00	0.01	3.316	O					2.76
369.000	0.00	0.01	3.316	O					2.76
369.083	0.00	0.01	3.316	O					2.76
369.167	0.00	0.01	3.316	O					2.76
369.250	0.00	0.01	3.316	O					2.76
369.333	0.00	0.01	3.316	O					2.76
369.417	0.00	0.01	3.316	O					2.76
369.500	0.00	0.01	3.316	O					2.76
369.583	0.00	0.01	3.316	O					2.76
369.667	0.00	0.01	3.316	O					2.76
369.750	0.00	0.01	3.316	O					2.76
369.833	0.00	0.01	3.315	O					2.76
369.917	0.00	0.01	3.315	O					2.76
370.000	0.00	0.01	3.315	O					2.76
370.083	0.00	0.01	3.315	O					2.76
370.167	0.00	0.01	3.315	O					2.76
370.250	0.00	0.01	3.315	O					2.76
370.333	0.00	0.01	3.315	O					2.76
370.417	0.00	0.01	3.315	O					2.76
370.500	0.00	0.01	3.315	O					2.76
370.583	0.00	0.01	3.315	O					2.76
370.667	0.00	0.01	3.315	O					2.76
370.750	0.00	0.01	3.315	O					2.76
370.833	0.00	0.01	3.315	O					2.76
370.917	0.00	0.01	3.315	O					2.76
371.000	0.00	0.01	3.314	O					2.76
371.083	0.00	0.01	3.314	O					2.76
371.167	0.00	0.01	3.314	O					2.76
371.250	0.00	0.01	3.314	O					2.76
371.333	0.00	0.01	3.314	O					2.76
371.417	0.00	0.01	3.314	O					2.76
371.500	0.00	0.01	3.314	O					2.76
371.583	0.00	0.01	3.314	O					2.76
371.667	0.00	0.01	3.314	O					2.76
371.750	0.00	0.01	3.314	O					2.76
371.833	0.00	0.01	3.314	O					2.76
371.917	0.00	0.01	3.314	O					2.76
372.000	0.00	0.01	3.314	O					2.76
372.083	0.00	0.01	3.314	O					2.76
372.167	0.00	0.01	3.314	O					2.76
372.250	0.00	0.01	3.313	O					2.76
372.333	0.00	0.01	3.313	O					2.76
372.417	0.00	0.01	3.313	O					2.76
372.500	0.00	0.01	3.313	O					2.76
372.583	0.00	0.01	3.313	O					2.76
372.667	0.00	0.01	3.313	O					2.76
372.750	0.00	0.01	3.313	O					2.76
372.833	0.00	0.01	3.313	O					2.76
372.917	0.00	0.01	3.313	O					2.76
373.000	0.00	0.01	3.313	O					2.76

373.083	0.00	0.01	3.313	O				2.76
373.167	0.00	0.01	3.313	O				2.76
373.250	0.00	0.01	3.313	O				2.76
373.333	0.00	0.01	3.313	O				2.76
373.417	0.00	0.01	3.312	O				2.76
373.500	0.00	0.01	3.312	O				2.76
373.583	0.00	0.01	3.312	O				2.76
373.667	0.00	0.01	3.312	O				2.76
373.750	0.00	0.01	3.312	O				2.76
373.833	0.00	0.01	3.312	O				2.76
373.917	0.00	0.01	3.312	O				2.76
374.000	0.00	0.01	3.312	O				2.76
374.083	0.00	0.01	3.312	O				2.76
374.167	0.00	0.01	3.312	O				2.76
374.250	0.00	0.01	3.312	O				2.76
374.333	0.00	0.01	3.312	O				2.76
374.417	0.00	0.01	3.312	O				2.76
374.500	0.00	0.01	3.312	O				2.76
374.583	0.00	0.01	3.312	O				2.76
374.667	0.00	0.01	3.311	O				2.76
374.750	0.00	0.01	3.311	O				2.76
374.833	0.00	0.01	3.311	O				2.76
374.917	0.00	0.01	3.311	O				2.76
375.000	0.00	0.01	3.311	O				2.76
375.083	0.00	0.01	3.311	O				2.76
375.167	0.00	0.01	3.311	O				2.76
375.250	0.00	0.01	3.311	O				2.76
375.333	0.00	0.01	3.311	O				2.76
375.417	0.00	0.01	3.311	O				2.76
375.500	0.00	0.01	3.311	O				2.76
375.583	0.00	0.01	3.311	O				2.76
375.667	0.00	0.01	3.311	O				2.76
375.750	0.00	0.01	3.311	O				2.76
375.833	0.00	0.01	3.310	O				2.76
375.917	0.00	0.01	3.310	O				2.76
376.000	0.00	0.01	3.310	O				2.76
376.083	0.00	0.01	3.310	O				2.76
376.167	0.00	0.01	3.310	O				2.76
376.250	0.00	0.01	3.310	O				2.76
376.333	0.00	0.01	3.310	O				2.76
376.417	0.00	0.01	3.310	O				2.76
376.500	0.00	0.01	3.310	O				2.76
376.583	0.00	0.01	3.310	O				2.76
376.667	0.00	0.01	3.310	O				2.76
376.750	0.00	0.01	3.310	O				2.76
376.833	0.00	0.01	3.310	O				2.76
376.917	0.00	0.01	3.310	O				2.76
377.000	0.00	0.01	3.310	O				2.76
377.083	0.00	0.01	3.309	O				2.76
377.167	0.00	0.01	3.309	O				2.76

377.250	0.00	0.01	3.309	O				2.76
377.333	0.00	0.01	3.309	O				2.76
377.417	0.00	0.01	3.309	O				2.76
377.500	0.00	0.01	3.309	O				2.76
377.583	0.00	0.01	3.309	O				2.76
377.667	0.00	0.01	3.309	O				2.76
377.750	0.00	0.01	3.309	O				2.76
377.833	0.00	0.01	3.309	O				2.76
377.917	0.00	0.01	3.309	O				2.76
378.000	0.00	0.01	3.309	O				2.76
378.083	0.00	0.01	3.309	O				2.76
378.167	0.00	0.01	3.309	O				2.76
378.250	0.00	0.01	3.309	O				2.76
378.333	0.00	0.01	3.308	O				2.76
378.417	0.00	0.01	3.308	O				2.76
378.500	0.00	0.01	3.308	O				2.76
378.583	0.00	0.01	3.308	O				2.76
378.667	0.00	0.01	3.308	O				2.76
378.750	0.00	0.01	3.308	O				2.76
378.833	0.00	0.01	3.308	O				2.76
378.917	0.00	0.01	3.308	O				2.76
379.000	0.00	0.01	3.308	O				2.76
379.083	0.00	0.01	3.308	O				2.76
379.167	0.00	0.01	3.308	O				2.76
379.250	0.00	0.01	3.308	O				2.76
379.333	0.00	0.01	3.308	O				2.76
379.417	0.00	0.01	3.308	O				2.76
379.500	0.00	0.01	3.307	O				2.76
379.583	0.00	0.01	3.307	O				2.76
379.667	0.00	0.01	3.307	O				2.76
379.750	0.00	0.01	3.307	O				2.76
379.833	0.00	0.01	3.307	O				2.76
379.917	0.00	0.01	3.307	O				2.76
380.000	0.00	0.01	3.307	O				2.76
380.083	0.00	0.01	3.307	O				2.76
380.167	0.00	0.01	3.307	O				2.76
380.250	0.00	0.01	3.307	O				2.76
380.333	0.00	0.01	3.307	O				2.76
380.417	0.00	0.01	3.307	O				2.76
380.500	0.00	0.01	3.307	O				2.76
380.583	0.00	0.01	3.307	O				2.76
380.667	0.00	0.01	3.307	O				2.76
380.750	0.00	0.01	3.306	O				2.76
380.833	0.00	0.01	3.306	O				2.76
380.917	0.00	0.01	3.306	O				2.76
381.000	0.00	0.01	3.306	O				2.76
381.083	0.00	0.01	3.306	O				2.76
381.167	0.00	0.01	3.306	O				2.76
381.250	0.00	0.01	3.306	O				2.76
381.333	0.00	0.01	3.306	O				2.75

381.417	0.00	0.01	3.306	O	|	|	|	|	2.75
381.500	0.00	0.01	3.306	O	|	|	|	|	2.75
381.583	0.00	0.01	3.306	O	|	|	|	|	2.75
381.667	0.00	0.01	3.306	O	|	|	|	|	2.75
381.750	0.00	0.01	3.306	O	|	|	|	|	2.75
381.833	0.00	0.01	3.306	O	|	|	|	|	2.75
381.917	0.00	0.01	3.305	O	|	|	|	|	2.75
382.000	0.00	0.01	3.305	O	|	|	|	|	2.75
382.083	0.00	0.01	3.305	O	|	|	|	|	2.75
382.167	0.00	0.01	3.305	O	|	|	|	|	2.75
382.250	0.00	0.01	3.305	O	|	|	|	|	2.75
382.333	0.00	0.01	3.305	O	|	|	|	|	2.75
382.417	0.00	0.01	3.305	O	|	|	|	|	2.75
382.500	0.00	0.01	3.305	O	|	|	|	|	2.75
382.583	0.00	0.01	3.305	O	|	|	|	|	2.75
382.667	0.00	0.01	3.305	O	|	|	|	|	2.75
382.750	0.00	0.01	3.305	O	|	|	|	|	2.75
382.833	0.00	0.01	3.305	O	|	|	|	|	2.75
382.917	0.00	0.01	3.305	O	|	|	|	|	2.75
383.000	0.00	0.01	3.305	O	|	|	|	|	2.75
383.083	0.00	0.01	3.305	O	|	|	|	|	2.75
383.167	0.00	0.01	3.304	O	|	|	|	|	2.75
383.250	0.00	0.01	3.304	O	|	|	|	|	2.75
383.333	0.00	0.01	3.304	O	|	|	|	|	2.75
383.417	0.00	0.01	3.304	O	|	|	|	|	2.75
383.500	0.00	0.01	3.304	O	|	|	|	|	2.75
383.583	0.00	0.01	3.304	O	|	|	|	|	2.75
383.667	0.00	0.01	3.304	O	|	|	|	|	2.75
383.750	0.00	0.01	3.304	O	|	|	|	|	2.75
383.833	0.00	0.01	3.304	O	|	|	|	|	2.75
383.917	0.00	0.01	3.304	O	|	|	|	|	2.75
384.000	0.00	0.01	3.304	O	|	|	|	|	2.75
384.083	0.00	0.01	3.304	O	|	|	|	|	2.75
384.167	0.00	0.01	3.304	O	|	|	|	|	2.75
384.250	0.00	0.01	3.304	O	|	|	|	|	2.75
384.333	0.00	0.01	3.303	O	|	|	|	|	2.75
384.417	0.00	0.01	3.303	O	|	|	|	|	2.75
384.500	0.00	0.01	3.303	O	|	|	|	|	2.75
384.583	0.00	0.01	3.303	O	|	|	|	|	2.75
384.667	0.00	0.01	3.303	O	|	|	|	|	2.75
384.750	0.00	0.01	3.303	O	|	|	|	|	2.75
384.833	0.00	0.01	3.303	O	|	|	|	|	2.75
384.917	0.00	0.01	3.303	O	|	|	|	|	2.75
385.000	0.00	0.01	3.303	O	|	|	|	|	2.75
385.083	0.00	0.01	3.303	O	|	|	|	|	2.75
385.167	0.00	0.01	3.303	O	|	|	|	|	2.75
385.250	0.00	0.01	3.303	O	|	|	|	|	2.75
385.333	0.00	0.01	3.303	O	|	|	|	|	2.75
385.417	0.00	0.01	3.303	O	|	|	|	|	2.75
385.500	0.00	0.01	3.303	O	|	|	|	|	2.75

385.583	0.00	0.01	3.302	O	|	|	|	2.75
385.667	0.00	0.01	3.302	O	|	|	|	2.75
385.750	0.00	0.01	3.302	O	|	|	|	2.75
385.833	0.00	0.01	3.302	O	|	|	|	2.75
385.917	0.00	0.01	3.302	O	|	|	|	2.75
386.000	0.00	0.01	3.302	O	|	|	|	2.75
386.083	0.00	0.01	3.302	O	|	|	|	2.75
386.167	0.00	0.01	3.302	O	|	|	|	2.75
386.250	0.00	0.01	3.302	O	|	|	|	2.75
386.333	0.00	0.01	3.302	O	|	|	|	2.75
386.417	0.00	0.01	3.302	O	|	|	|	2.75
386.500	0.00	0.01	3.302	O	|	|	|	2.75
386.583	0.00	0.01	3.302	O	|	|	|	2.75
386.667	0.00	0.01	3.302	O	|	|	|	2.75
386.750	0.00	0.01	3.301	O	|	|	|	2.75
386.833	0.00	0.01	3.301	O	|	|	|	2.75
386.917	0.00	0.01	3.301	O	|	|	|	2.75
387.000	0.00	0.01	3.301	O	|	|	|	2.75
387.083	0.00	0.01	3.301	O	|	|	|	2.75
387.167	0.00	0.01	3.301	O	|	|	|	2.75
387.250	0.00	0.01	3.301	O	|	|	|	2.75
387.333	0.00	0.01	3.301	O	|	|	|	2.75
387.417	0.00	0.01	3.301	O	|	|	|	2.75
387.500	0.00	0.01	3.301	O	|	|	|	2.75
387.583	0.00	0.01	3.301	O	|	|	|	2.75
387.667	0.00	0.01	3.301	O	|	|	|	2.75
387.750	0.00	0.01	3.301	O	|	|	|	2.75
387.833	0.00	0.01	3.301	O	|	|	|	2.75
387.917	0.00	0.01	3.301	O	|	|	|	2.75
388.000	0.00	0.01	3.300	O	|	|	|	2.75
388.083	0.00	0.01	3.300	O	|	|	|	2.75
388.167	0.00	0.01	3.300	O	|	|	|	2.75
388.250	0.00	0.01	3.300	O	|	|	|	2.75
388.333	0.00	0.01	3.300	O	|	|	|	2.75
388.417	0.00	0.01	3.300	O	|	|	|	2.75
388.500	0.00	0.01	3.300	O	|	|	|	2.75
388.583	0.00	0.01	3.300	O	|	|	|	2.75
388.667	0.00	0.01	3.300	O	|	|	|	2.75
388.750	0.00	0.01	3.300	O	|	|	|	2.75
388.833	0.00	0.01	3.300	O	|	|	|	2.75
388.917	0.00	0.01	3.300	O	|	|	|	2.75
389.000	0.00	0.01	3.300	O	|	|	|	2.75
389.083	0.00	0.01	3.300	O	|	|	|	2.75
389.167	0.00	0.01	3.299	O	|	|	|	2.75
389.250	0.00	0.01	3.299	O	|	|	|	2.75
389.333	0.00	0.01	3.299	O	|	|	|	2.75
389.417	0.00	0.01	3.299	O	|	|	|	2.75
389.500	0.00	0.01	3.299	O	|	|	|	2.75
389.583	0.00	0.01	3.299	O	|	|	|	2.75
389.667	0.00	0.01	3.299	O	|	|	|	2.75

389.750	0.00	0.01	3.299	O				2.75
389.833	0.00	0.01	3.299	O				2.75
389.917	0.00	0.01	3.299	O				2.75
390.000	0.00	0.01	3.299	O				2.75
390.083	0.00	0.01	3.299	O				2.75
390.167	0.00	0.01	3.299	O				2.75
390.250	0.00	0.01	3.299	O				2.75
390.333	0.00	0.01	3.299	O				2.75
390.417	0.00	0.01	3.298	O				2.75
390.500	0.00	0.01	3.298	O				2.75
390.583	0.00	0.01	3.298	O				2.75
390.667	0.00	0.01	3.298	O				2.75
390.750	0.00	0.01	3.298	O				2.75
390.833	0.00	0.01	3.298	O				2.75
390.917	0.00	0.01	3.298	O				2.75
391.000	0.00	0.01	3.298	O				2.75
391.083	0.00	0.01	3.298	O				2.75
391.167	0.00	0.01	3.298	O				2.75
391.250	0.00	0.01	3.298	O				2.75
391.333	0.00	0.01	3.298	O				2.75
391.417	0.00	0.01	3.298	O				2.75
391.500	0.00	0.01	3.298	O				2.75
391.583	0.00	0.01	3.297	O				2.75
391.667	0.00	0.01	3.297	O				2.75
391.750	0.00	0.01	3.297	O				2.75
391.833	0.00	0.01	3.297	O				2.75
391.917	0.00	0.01	3.297	O				2.75
392.000	0.00	0.01	3.297	O				2.75
392.083	0.00	0.01	3.297	O				2.75
392.167	0.00	0.01	3.297	O				2.75
392.250	0.00	0.01	3.297	O				2.75
392.333	0.00	0.01	3.297	O				2.75
392.417	0.00	0.01	3.297	O				2.75
392.500	0.00	0.01	3.297	O				2.75
392.583	0.00	0.01	3.297	O				2.75
392.667	0.00	0.01	3.297	O				2.75
392.750	0.00	0.01	3.297	O				2.75
392.833	0.00	0.01	3.296	O				2.75
392.917	0.00	0.01	3.296	O				2.75
393.000	0.00	0.01	3.296	O				2.75
393.083	0.00	0.01	3.296	O				2.75
393.167	0.00	0.01	3.296	O				2.75
393.250	0.00	0.01	3.296	O				2.75
393.333	0.00	0.01	3.296	O				2.75
393.417	0.00	0.01	3.296	O				2.75
393.500	0.00	0.01	3.296	O				2.75
393.583	0.00	0.01	3.296	O				2.75
393.667	0.00	0.01	3.296	O				2.75
393.750	0.00	0.01	3.296	O				2.75
393.833	0.00	0.01	3.296	O				2.75

393.917	0.00	0.01	3.296	O				2.75
394.000	0.00	0.01	3.295	O				2.75
394.083	0.00	0.01	3.295	O				2.75
394.167	0.00	0.01	3.295	O				2.75
394.250	0.00	0.01	3.295	O				2.75
394.333	0.00	0.01	3.295	O				2.75
394.417	0.00	0.01	3.295	O				2.75
394.500	0.00	0.01	3.295	O				2.75
394.583	0.00	0.01	3.295	O				2.75
394.667	0.00	0.01	3.295	O				2.75
394.750	0.00	0.01	3.295	O				2.75
394.833	0.00	0.01	3.295	O				2.75
394.917	0.00	0.01	3.295	O				2.75
395.000	0.00	0.01	3.295	O				2.75
395.083	0.00	0.01	3.295	O				2.75
395.167	0.00	0.01	3.295	O				2.75
395.250	0.00	0.01	3.294	O				2.75
395.333	0.00	0.01	3.294	O				2.75
395.417	0.00	0.01	3.294	O				2.75
395.500	0.00	0.01	3.294	O				2.75
395.583	0.00	0.01	3.294	O				2.75
395.667	0.00	0.01	3.294	O				2.75
395.750	0.00	0.01	3.294	O				2.75
395.833	0.00	0.01	3.294	O				2.74
395.917	0.00	0.01	3.294	O				2.74
396.000	0.00	0.01	3.294	O				2.74
396.083	0.00	0.01	3.294	O				2.74
396.167	0.00	0.01	3.294	O				2.74
396.250	0.00	0.01	3.294	O				2.74
396.333	0.00	0.01	3.294	O				2.74
396.417	0.00	0.01	3.293	O				2.74
396.500	0.00	0.01	3.293	O				2.74
396.583	0.00	0.01	3.293	O				2.74
396.667	0.00	0.01	3.293	O				2.74
396.750	0.00	0.01	3.293	O				2.74
396.833	0.00	0.01	3.293	O				2.74
396.917	0.00	0.01	3.293	O				2.74
397.000	0.00	0.01	3.293	O				2.74
397.083	0.00	0.01	3.293	O				2.74
397.167	0.00	0.01	3.293	O				2.74
397.250	0.00	0.01	3.293	O				2.74
397.333	0.00	0.01	3.293	O				2.74
397.417	0.00	0.01	3.293	O				2.74
397.500	0.00	0.01	3.293	O				2.74
397.583	0.00	0.01	3.293	O				2.74
397.667	0.00	0.01	3.292	O				2.74
397.750	0.00	0.01	3.292	O				2.74
397.833	0.00	0.01	3.292	O				2.74
397.917	0.00	0.01	3.292	O				2.74
398.000	0.00	0.01	3.292	O				2.74

398.083	0.00	0.01	3.292	O				2.74
398.167	0.00	0.01	3.292	O				2.74
398.250	0.00	0.01	3.292	O				2.74
398.333	0.00	0.01	3.292	O				2.74
398.417	0.00	0.01	3.292	O				2.74
398.500	0.00	0.01	3.292	O				2.74
398.583	0.00	0.01	3.292	O				2.74
398.667	0.00	0.01	3.292	O				2.74
398.750	0.00	0.01	3.292	O				2.74
398.833	0.00	0.01	3.291	O				2.74
398.917	0.00	0.01	3.291	O				2.74
399.000	0.00	0.01	3.291	O				2.74
399.083	0.00	0.01	3.291	O				2.74
399.167	0.00	0.01	3.291	O				2.74
399.250	0.00	0.01	3.291	O				2.74
399.333	0.00	0.01	3.291	O				2.74
399.417	0.00	0.01	3.291	O				2.74
399.500	0.00	0.01	3.291	O				2.74
399.583	0.00	0.01	3.291	O				2.74
399.667	0.00	0.01	3.291	O				2.74
399.750	0.00	0.01	3.291	O				2.74
399.833	0.00	0.01	3.291	O				2.74
399.917	0.00	0.01	3.291	O				2.74
400.000	0.00	0.01	3.291	O				2.74
400.083	0.00	0.01	3.290	O				2.74
400.167	0.00	0.01	3.290	O				2.74
400.250	0.00	0.01	3.290	O				2.74
400.333	0.00	0.01	3.290	O				2.74
400.417	0.00	0.01	3.290	O				2.74
400.500	0.00	0.01	3.290	O				2.74
400.583	0.00	0.01	3.290	O				2.74
400.667	0.00	0.01	3.290	O				2.74
400.750	0.00	0.01	3.290	O				2.74
400.833	0.00	0.01	3.290	O				2.74
400.917	0.00	0.01	3.290	O				2.74
401.000	0.00	0.01	3.290	O				2.74
401.083	0.00	0.01	3.290	O				2.74
401.167	0.00	0.01	3.290	O				2.74
401.250	0.00	0.01	3.289	O				2.74
401.333	0.00	0.01	3.289	O				2.74
401.417	0.00	0.01	3.289	O				2.74
401.500	0.00	0.01	3.289	O				2.74
401.583	0.00	0.01	3.289	O				2.74
401.667	0.00	0.01	3.289	O				2.74
401.750	0.00	0.01	3.289	O				2.74
401.833	0.00	0.01	3.289	O				2.74
401.917	0.00	0.01	3.289	O				2.74
402.000	0.00	0.01	3.289	O				2.74
402.083	0.00	0.01	3.289	O				2.74
402.167	0.00	0.01	3.289	O				2.74

402.250	0.00	0.01	3.289	O				2.74
402.333	0.00	0.01	3.289	O				2.74
402.417	0.00	0.01	3.289	O				2.74
402.500	0.00	0.01	3.288	O				2.74
402.583	0.00	0.01	3.288	O				2.74
402.667	0.00	0.01	3.288	O				2.74
402.750	0.00	0.01	3.288	O				2.74
402.833	0.00	0.01	3.288	O				2.74
402.917	0.00	0.01	3.288	O				2.74
403.000	0.00	0.01	3.288	O				2.74
403.083	0.00	0.01	3.288	O				2.74
403.167	0.00	0.01	3.288	O				2.74
403.250	0.00	0.01	3.288	O				2.74
403.333	0.00	0.01	3.288	O				2.74
403.417	0.00	0.01	3.288	O				2.74
403.500	0.00	0.01	3.288	O				2.74
403.583	0.00	0.01	3.288	O				2.74
403.667	0.00	0.01	3.287	O				2.74
403.750	0.00	0.01	3.287	O				2.74
403.833	0.00	0.01	3.287	O				2.74
403.917	0.00	0.01	3.287	O				2.74
404.000	0.00	0.01	3.287	O				2.74
404.083	0.00	0.01	3.287	O				2.74
404.167	0.00	0.01	3.287	O				2.74
404.250	0.00	0.01	3.287	O				2.74
404.333	0.00	0.01	3.287	O				2.74
404.417	0.00	0.01	3.287	O				2.74
404.500	0.00	0.01	3.287	O				2.74
404.583	0.00	0.01	3.287	O				2.74
404.667	0.00	0.01	3.287	O				2.74
404.750	0.00	0.01	3.287	O				2.74
404.833	0.00	0.01	3.287	O				2.74
404.917	0.00	0.01	3.286	O				2.74
405.000	0.00	0.01	3.286	O				2.74
405.083	0.00	0.01	3.286	O				2.74
405.167	0.00	0.01	3.286	O				2.74
405.250	0.00	0.01	3.286	O				2.74
405.333	0.00	0.01	3.286	O				2.74
405.417	0.00	0.01	3.286	O				2.74
405.500	0.00	0.01	3.286	O				2.74
405.583	0.00	0.01	3.286	O				2.74
405.667	0.00	0.01	3.286	O				2.74
405.750	0.00	0.01	3.286	O				2.74
405.833	0.00	0.01	3.286	O				2.74
405.917	0.00	0.01	3.286	O				2.74
406.000	0.00	0.01	3.286	O				2.74
406.083	0.00	0.01	3.285	O				2.74
406.167	0.00	0.01	3.285	O				2.74
406.250	0.00	0.01	3.285	O				2.74
406.333	0.00	0.01	3.285	O				2.74

406.417	0.00	0.01	3.285	O				2.74
406.500	0.00	0.01	3.285	O				2.74
406.583	0.00	0.01	3.285	O				2.74
406.667	0.00	0.01	3.285	O				2.74
406.750	0.00	0.01	3.285	O				2.74
406.833	0.00	0.01	3.285	O				2.74
406.917	0.00	0.01	3.285	O				2.74
407.000	0.00	0.01	3.285	O				2.74
407.083	0.00	0.01	3.285	O				2.74
407.167	0.00	0.01	3.285	O				2.74
407.250	0.00	0.01	3.285	O				2.74
407.333	0.00	0.01	3.284	O				2.74
407.417	0.00	0.01	3.284	O				2.74
407.500	0.00	0.01	3.284	O				2.74
407.583	0.00	0.01	3.284	O				2.74
407.667	0.00	0.01	3.284	O				2.74
407.750	0.00	0.01	3.284	O				2.74
407.833	0.00	0.01	3.284	O				2.74
407.917	0.00	0.01	3.284	O				2.74
408.000	0.00	0.01	3.284	O				2.74
408.083	0.00	0.01	3.284	O				2.74
408.167	0.00	0.01	3.284	O				2.74
408.250	0.00	0.01	3.284	O				2.74
408.333	0.00	0.01	3.284	O				2.74
408.417	0.00	0.01	3.284	O				2.74
408.500	0.00	0.01	3.284	O				2.74
408.583	0.00	0.01	3.283	O				2.74
408.667	0.00	0.01	3.283	O				2.74
408.750	0.00	0.01	3.283	O				2.74
408.833	0.00	0.01	3.283	O				2.74
408.917	0.00	0.01	3.283	O				2.74
409.000	0.00	0.01	3.283	O				2.74
409.083	0.00	0.01	3.283	O				2.74
409.167	0.00	0.01	3.283	O				2.74
409.250	0.00	0.01	3.283	O				2.74
409.333	0.00	0.01	3.283	O				2.74
409.417	0.00	0.01	3.283	O				2.74
409.500	0.00	0.01	3.283	O				2.74
409.583	0.00	0.01	3.283	O				2.74
409.667	0.00	0.01	3.283	O				2.74
409.750	0.00	0.01	3.282	O				2.74
409.833	0.00	0.01	3.282	O				2.74
409.917	0.00	0.01	3.282	O				2.74
410.000	0.00	0.01	3.282	O				2.74
410.083	0.00	0.01	3.282	O				2.74
410.167	0.00	0.01	3.282	O				2.74
410.250	0.00	0.01	3.282	O				2.74
410.333	0.00	0.01	3.282	O				2.73
410.417	0.00	0.01	3.282	O				2.73
410.500	0.00	0.01	3.282	O				2.73

410.583	0.00	0.01	3.282	O				2.73
410.667	0.00	0.01	3.282	O				2.73
410.750	0.00	0.01	3.282	O				2.73
410.833	0.00	0.01	3.282	O				2.73
410.917	0.00	0.01	3.282	O				2.73
411.000	0.00	0.01	3.281	O				2.73
411.083	0.00	0.01	3.281	O				2.73
411.167	0.00	0.01	3.281	O				2.73
411.250	0.00	0.01	3.281	O				2.73
411.333	0.00	0.01	3.281	O				2.73
411.417	0.00	0.01	3.281	O				2.73
411.500	0.00	0.01	3.281	O				2.73
411.583	0.00	0.01	3.281	O				2.73
411.667	0.00	0.01	3.281	O				2.73
411.750	0.00	0.01	3.281	O				2.73
411.833	0.00	0.01	3.281	O				2.73
411.917	0.00	0.01	3.281	O				2.73
412.000	0.00	0.01	3.281	O				2.73
412.083	0.00	0.01	3.281	O				2.73
412.167	0.00	0.01	3.280	O				2.73
412.250	0.00	0.01	3.280	O				2.73
412.333	0.00	0.01	3.280	O				2.73
412.417	0.00	0.01	3.280	O				2.73
412.500	0.00	0.01	3.280	O				2.73
412.583	0.00	0.01	3.280	O				2.73
412.667	0.00	0.01	3.280	O				2.73
412.750	0.00	0.01	3.280	O				2.73
412.833	0.00	0.01	3.280	O				2.73
412.917	0.00	0.01	3.280	O				2.73
413.000	0.00	0.01	3.280	O				2.73
413.083	0.00	0.01	3.280	O				2.73
413.167	0.00	0.01	3.280	O				2.73
413.250	0.00	0.01	3.280	O				2.73
413.333	0.00	0.01	3.280	O				2.73
413.417	0.00	0.01	3.279	O				2.73
413.500	0.00	0.01	3.279	O				2.73
413.583	0.00	0.01	3.279	O				2.73
413.667	0.00	0.01	3.279	O				2.73
413.750	0.00	0.01	3.279	O				2.73
413.833	0.00	0.01	3.279	O				2.73
413.917	0.00	0.01	3.279	O				2.73
414.000	0.00	0.01	3.279	O				2.73
414.083	0.00	0.01	3.279	O				2.73
414.167	0.00	0.01	3.279	O				2.73
414.250	0.00	0.01	3.279	O				2.73
414.333	0.00	0.01	3.279	O				2.73
414.417	0.00	0.01	3.279	O				2.73
414.500	0.00	0.01	3.279	O				2.73
414.583	0.00	0.01	3.278	O				2.73
414.667	0.00	0.01	3.278	O				2.73

414.750	0.00	0.01	3.278	O	|	|	|	2.73
414.833	0.00	0.01	3.278	O	|	|	|	2.73
414.917	0.00	0.01	3.278	O	|	|	|	2.73
415.000	0.00	0.01	3.278	O	|	|	|	2.73
415.083	0.00	0.01	3.278	O	|	|	|	2.73
415.167	0.00	0.01	3.278	O	|	|	|	2.73
415.250	0.00	0.01	3.278	O	|	|	|	2.73
415.333	0.00	0.01	3.278	O	|	|	|	2.73
415.417	0.00	0.01	3.278	O	|	|	|	2.73
415.500	0.00	0.01	3.278	O	|	|	|	2.73
415.583	0.00	0.01	3.278	O	|	|	|	2.73
415.667	0.00	0.01	3.278	O	|	|	|	2.73
415.750	0.00	0.01	3.278	O	|	|	|	2.73
415.833	0.00	0.01	3.277	O	|	|	|	2.73
415.917	0.00	0.01	3.277	O	|	|	|	2.73
416.000	0.00	0.01	3.277	O	|	|	|	2.73
416.083	0.00	0.01	3.277	O	|	|	|	2.73
416.167	0.00	0.01	3.277	O	|	|	|	2.73
416.250	0.00	0.01	3.277	O	|	|	|	2.73
416.333	0.00	0.01	3.277	O	|	|	|	2.73
416.417	0.00	0.01	3.277	O	|	|	|	2.73
416.500	0.00	0.01	3.277	O	|	|	|	2.73
416.583	0.00	0.01	3.277	O	|	|	|	2.73
416.667	0.00	0.01	3.277	O	|	|	|	2.73

Remaining water in basin = 3.28 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 74.542 (CFS)
Total volume = 9.363 (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 - 2014
Study date: 08/08/22

IEN
Basin C
100-year Developed

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: BasinC100yr.rte
**********HYDROGRAPH DATA**********
Number of intervals = 303
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 93.069 (CFS)
Total volume = 10.153 (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 100.000 to Point/Station 103.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 303
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.450	0.001	1.450	1.450
2.000	1.940	0.001	1.940	1.940
2.500	2.420	0.001	2.420	2.420
3.000	2.910	0.001	2.910	2.910
3.500	3.390	40.000	3.252	3.528
4.000	3.880	70.000	3.639	4.121
4.500	4.170	80.000	3.895	4.445
5.000	4.250	80.000	3.975	4.525

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 23.3 46.53 69.80 93.07	Depth (Ft.)
0.083	0.07	0.00	0.000	O | | | |	0.00
0.167	0.57	0.00	0.002	O | | | |	0.00
0.250	1.13	0.00	0.008	O | | | |	0.01
0.333	1.38	0.00	0.017	O | | | |	0.02
0.417	1.52	0.00	0.027	O | | | |	0.03
0.500	1.62	0.00	0.038	O | | | |	0.04
0.583	1.69	0.00	0.049	O | | | |	0.05
0.667	1.75	0.00	0.061	O | | | |	0.06
0.750	1.79	0.00	0.073	O | | | |	0.08
0.833	1.83	0.00	0.086	O | | | |	0.09
0.917	1.85	0.00	0.098	O | | | |	0.10
1.000	1.87	0.00	0.111	O | | | |	0.11
1.083	1.89	0.00	0.124	O | | | |	0.13
1.167	1.91	0.00	0.137	O | | | |	0.14
1.250	1.92	0.00	0.150	O | | | |	0.16
1.333	1.93	0.00	0.164	O | | | |	0.17
1.417	1.94	0.00	0.177	O | | | |	0.18
1.500	1.95	0.00	0.190	O | | | |	0.20
1.583	1.95	0.00	0.204	O | | | |	0.21
1.667	1.96	0.00	0.217	O | | | |	0.22
1.750	1.97	0.00	0.231	O | | | |	0.24
1.833	1.97	0.00	0.244	O | | | |	0.25
1.917	1.98	0.00	0.258	O | | | |	0.27
2.000	1.99	0.00	0.272	O | | | |	0.28
2.083	2.00	0.00	0.285	O | | | |	0.30
2.167	2.00	0.00	0.299	O | | | |	0.31

2.250	2.01	0.00	0.313	O	|	|	|	|	0.32
2.333	2.02	0.00	0.327	O	|	|	|	|	0.34
2.417	2.03	0.00	0.341	O	|	|	|	|	0.35
2.500	2.03	0.00	0.355	O	|	|	|	|	0.37
2.583	2.04	0.00	0.369	O	|	|	|	|	0.38
2.667	2.05	0.00	0.383	O	|	|	|	|	0.40
2.750	2.06	0.00	0.397	O	|	|	|	|	0.41
2.833	2.07	0.00	0.411	O	|	|	|	|	0.43
2.917	2.07	0.00	0.425	O	|	|	|	|	0.44
3.000	2.08	0.00	0.440	O	|	|	|	|	0.45
3.083	2.09	0.00	0.454	O	|	|	|	|	0.47
3.167	2.10	0.00	0.469	O	|	|	|	|	0.48
3.250	2.11	0.00	0.483	O	|	|	|	|	0.50
3.333	2.12	0.00	0.498	O	|	|	|	|	0.51
3.417	2.12	0.00	0.512	O	|	|	|	|	0.53
3.500	2.13	0.00	0.527	O	|	|	|	|	0.54
3.583	2.14	0.00	0.541	O	|	|	|	|	0.56
3.667	2.15	0.00	0.556	O	|	|	|	|	0.58
3.750	2.16	0.00	0.571	O	|	|	|	|	0.59
3.833	2.17	0.00	0.586	O	|	|	|	|	0.61
3.917	2.18	0.00	0.601	O	|	|	|	|	0.62
4.000	2.19	0.00	0.616	O	|	|	|	|	0.64
4.083	2.20	0.00	0.631	O	|	|	|	|	0.65
4.167	2.20	0.00	0.646	O	|	|	|	|	0.67
4.250	2.21	0.00	0.661	O	|	|	|	|	0.68
4.333	2.22	0.00	0.677	O	|	|	|	|	0.70
4.417	2.23	0.00	0.692	O	|	|	|	|	0.72
4.500	2.24	0.00	0.707	O	|	|	|	|	0.73
4.583	2.25	0.00	0.723	O	|	|	|	|	0.75
4.667	2.26	0.00	0.738	O	|	|	|	|	0.76
4.750	2.27	0.00	0.754	O	|	|	|	|	0.78
4.833	2.28	0.00	0.770	O	|	|	|	|	0.80
4.917	2.29	0.00	0.786	O	|	|	|	|	0.81
5.000	2.31	0.00	0.801	O	|	|	|	|	0.83
5.083	2.32	0.00	0.817	O	|	|	|	|	0.85
5.167	2.33	0.00	0.833	O	|	|	|	|	0.86
5.250	2.34	0.00	0.849	O	|	|	|	|	0.88
5.333	2.35	0.00	0.866	O	|	|	|	|	0.90
5.417	2.36	0.00	0.882	O	|	|	|	|	0.91
5.500	2.37	0.00	0.898	O	|	|	|	|	0.93
5.583	2.38	0.00	0.914	O	|	|	|	|	0.95
5.667	2.40	0.00	0.931	O	|	|	|	|	0.96
5.750	2.41	0.00	0.947	O	|	|	|	|	0.98
5.833	2.42	0.00	0.964	O	|	|	|	|	1.00
5.917	2.43	0.00	0.981	O	|	|	|	|	1.01
6.000	2.44	0.00	0.997	O	|	|	|	|	1.03
6.083	2.46	0.00	1.014	O	|	|	|	|	1.05
6.167	2.47	0.00	1.031	O	|	|	|	|	1.07
6.250	2.48	0.00	1.048	O	|	|	|	|	1.08
6.333	2.49	0.00	1.065	O	|	|	|	|	1.10

6.417	2.51	0.00	1.083	O				1.12
6.500	2.52	0.00	1.100	O				1.14
6.583	2.53	0.00	1.117	O				1.16
6.667	2.55	0.00	1.135	O				1.17
6.750	2.56	0.00	1.152	O				1.19
6.833	2.58	0.00	1.170	O				1.21
6.917	2.59	0.00	1.188	O				1.23
7.000	2.60	0.00	1.206	O				1.25
7.083	2.62	0.00	1.224	O				1.27
7.167	2.63	0.00	1.242	O				1.28
7.250	2.65	0.00	1.260	O				1.30
7.333	2.67	0.00	1.278	O				1.32
7.417	2.68	0.00	1.297	O				1.34
7.500	2.70	0.00	1.315	O				1.36
7.583	2.71	0.00	1.334	O				1.38
7.667	2.73	0.00	1.353	O				1.40
7.750	2.75	0.00	1.371	O				1.42
7.833	2.76	0.00	1.390	O				1.44
7.917	2.78	0.00	1.410	O				1.46
8.000	2.80	0.00	1.429	O				1.48
8.083	2.81	0.00	1.448	O				1.50
8.167	2.83	0.00	1.467	O				1.52
8.250	2.85	0.00	1.487	O				1.54
8.333	2.87	0.00	1.507	O				1.56
8.417	2.89	0.00	1.527	O				1.58
8.500	2.91	0.00	1.547	O				1.60
8.583	2.93	0.00	1.567	OI				1.62
8.667	2.95	0.00	1.587	OI				1.64
8.750	2.97	0.00	1.607	OI				1.66
8.833	2.99	0.00	1.628	OI				1.68
8.917	3.01	0.00	1.648	OI				1.70
9.000	3.03	0.00	1.669	OI				1.72
9.083	3.05	0.00	1.690	OI				1.74
9.167	3.08	0.00	1.711	OI				1.77
9.250	3.10	0.00	1.732	OI				1.79
9.333	3.12	0.00	1.754	OI				1.81
9.417	3.15	0.00	1.775	OI				1.83
9.500	3.17	0.00	1.797	OI				1.85
9.583	3.19	0.00	1.819	OI				1.88
9.667	3.22	0.00	1.841	OI				1.90
9.750	3.24	0.00	1.863	OI				1.92
9.833	3.27	0.00	1.886	OI				1.94
9.917	3.30	0.00	1.908	OI				1.97
10.000	3.32	0.00	1.931	OI				1.99
10.083	3.35	0.00	1.954	OI				2.01
10.167	3.38	0.00	1.977	OI				2.04
10.250	3.41	0.00	2.001	OI				2.06
10.333	3.44	0.00	2.024	OI				2.09
10.417	3.47	0.00	2.048	OI				2.11
10.500	3.50	0.00	2.072	OI				2.14

10.583	3.53	0.00	2.096	OI				2.16
10.667	3.57	0.00	2.121	OI				2.19
10.750	3.60	0.00	2.146	OI				2.21
10.833	3.63	0.00	2.170	OI				2.24
10.917	3.67	0.00	2.196	OI				2.27
11.000	3.71	0.00	2.221	OI				2.29
11.083	3.74	0.00	2.247	OI				2.32
11.167	3.78	0.00	2.272	OI				2.35
11.250	3.82	0.00	2.299	OI				2.37
11.333	3.86	0.00	2.325	OI				2.40
11.417	3.90	0.00	2.352	OI				2.43
11.500	3.94	0.00	2.379	OI				2.46
11.583	3.99	0.00	2.406	OI				2.49
11.667	4.03	0.00	2.434	OI				2.51
11.750	4.08	0.00	2.462	OI				2.54
11.833	4.13	0.00	2.490	OI				2.57
11.917	4.17	0.00	2.518	OI				2.60
12.000	4.22	0.00	2.547	OI				2.63
12.083	4.27	0.00	2.577	OI				2.66
12.167	4.27	0.00	2.606	OI				2.69
12.250	4.26	0.00	2.635	OI				2.72
12.333	4.29	0.00	2.665	OI				2.75
12.417	4.33	0.00	2.694	OI				2.78
12.500	4.38	0.00	2.724	OI				2.81
12.583	4.44	0.00	2.755	OI				2.84
12.667	4.50	0.00	2.785	OI				2.87
12.750	4.56	0.00	2.817	OI				2.90
12.833	4.63	0.00	2.848	OI				2.94
12.917	4.70	0.00	2.880	OI				2.97
13.000	4.77	0.19	2.912	OI				3.00
13.083	4.85	2.25	2.937	OI				3.03
13.167	4.93	3.43	2.951	|O				3.04
13.250	5.02	4.12	2.959	|O				3.05
13.333	5.11	4.54	2.964	|O				3.06
13.417	5.20	4.81	2.968	|O				3.06
13.500	5.30	5.01	2.970	|O				3.06
13.583	5.41	5.16	2.972	|O				3.06
13.667	5.52	5.30	2.974	|O				3.07
13.750	5.63	5.42	2.975	|O				3.07
13.833	5.76	5.54	2.976	|O				3.07
13.917	5.88	5.67	2.978	|OI				3.07
14.000	6.02	5.79	2.980	|OI				3.07
14.083	6.17	5.93	2.981	| O				3.07
14.167	6.33	6.07	2.983	| O				3.08
14.250	6.50	6.23	2.985	| O				3.08
14.333	6.68	6.39	2.987	| O				3.08
14.417	6.88	6.56	2.989	| O				3.08
14.500	7.08	6.75	2.991	| O				3.08
14.583	7.30	6.95	2.993	| O				3.09
14.667	7.55	7.16	2.996	| O				3.09

14.750	7.81	7.39	2.999	O					3.09
14.833	8.10	7.64	3.002	O					3.10
14.917	8.41	7.92	3.005	O					3.10
15.000	8.79	8.22	3.009	OI					3.10
15.083	9.20	8.57	3.013	OI					3.11
15.167	9.69	8.96	3.017	O					3.11
15.250	10.23	9.41	3.023	O					3.12
15.333	10.87	9.92	3.029	O					3.12
15.417	11.51	10.49	3.036	O					3.13
15.500	11.76	11.00	3.042	OI					3.14
15.583	12.05	11.40	3.047	OI					3.14
15.667	13.00	11.90	3.053	O					3.15
15.750	14.39	12.70	3.062	O					3.16
15.833	16.49	13.92	3.077	OI					3.17
15.917	19.60	15.76	3.099	OI					3.20
16.000	25.56	18.80	3.136	O I					3.24
16.083	42.27	25.54	3.216	O I					3.32
16.167	90.31	42.90	3.437	O				I	3.55
16.250	93.07	59.89	3.715	O				I	3.83
16.333	53.90	64.62	3.792	I O					3.91
16.417	37.60	58.05	3.685	I O					3.80
16.500	29.27	49.48	3.545	I O					3.66
16.583	23.85	41.50	3.414	I O					3.52
16.667	19.90	33.17	3.308	I O					3.41
16.750	16.96	26.60	3.229	I O					3.33
16.833	14.62	21.78	3.171	I O					3.27
16.917	12.65	18.15	3.128	I O					3.23
17.000	10.93	15.31	3.094	I O					3.19
17.083	9.91	13.13	3.068	IO					3.16
17.167	9.34	11.57	3.049	O					3.14
17.250	8.43	10.37	3.034	IO					3.13
17.333	7.61	9.32	3.022	IO					3.12
17.417	6.48	8.31	3.010	O					3.10
17.500	6.11	7.41	2.999	O					3.09
17.583	5.82	6.77	2.991	IO					3.08
17.667	5.56	6.29	2.985	IO					3.08
17.750	5.33	5.91	2.981	IO					3.07
17.833	5.12	5.60	2.977	O					3.07
17.917	4.94	5.35	2.974	O					3.07
18.000	4.77	5.13	2.972	O					3.06
18.083	4.62	4.94	2.969	O					3.06
18.167	4.54	4.78	2.967	O					3.06
18.250	4.47	4.66	2.966	O					3.06
18.333	4.38	4.55	2.965	O					3.06
18.417	4.28	4.45	2.963	O					3.06
18.500	4.19	4.36	2.962	O					3.05
18.583	4.09	4.26	2.961	O					3.05
18.667	4.00	4.17	2.960	O					3.05
18.750	3.92	4.08	2.959	O					3.05
18.833	3.84	3.99	2.958	O					3.05

18.917	3.76	3.91	2.957	|O	|	|	|	3.05
19.000	3.69	3.83	2.956	|O	|	|	|	3.05
19.083	3.62	3.75	2.955	|O	|	|	|	3.05
19.167	3.55	3.68	2.954	|O	|	|	|	3.05
19.250	3.49	3.61	2.953	|O	|	|	|	3.05
19.333	3.43	3.54	2.952	|O	|	|	|	3.04
19.417	3.37	3.48	2.952	|O	|	|	|	3.04
19.500	3.31	3.42	2.951	|O	|	|	|	3.04
19.583	3.26	3.36	2.950	|O	|	|	|	3.04
19.667	3.21	3.30	2.950	|O	|	|	|	3.04
19.750	3.16	3.25	2.949	|O	|	|	|	3.04
19.833	3.11	3.20	2.948	|O	|	|	|	3.04
19.917	3.07	3.15	2.948	|O	|	|	|	3.04
20.000	3.02	3.10	2.947	|O	|	|	|	3.04
20.083	2.98	3.06	2.947	|O	|	|	|	3.04
20.167	2.94	3.01	2.946	|O	|	|	|	3.04
20.250	2.90	2.97	2.946	IO	|	|	|	3.04
20.333	2.86	2.93	2.945	IO	|	|	|	3.04
20.417	2.83	2.89	2.945	O	|	|	|	3.04
20.500	2.79	2.85	2.944	O	|	|	|	3.04
20.583	2.76	2.82	2.944	O	|	|	|	3.04
20.667	2.72	2.78	2.943	O	|	|	|	3.03
20.750	2.69	2.75	2.943	O	|	|	|	3.03
20.833	2.66	2.72	2.943	O	|	|	|	3.03
20.917	2.63	2.68	2.942	O	|	|	|	3.03
21.000	2.60	2.65	2.942	O	|	|	|	3.03
21.083	2.57	2.62	2.941	O	|	|	|	3.03
21.167	2.54	2.59	2.941	O	|	|	|	3.03
21.250	2.51	2.56	2.941	O	|	|	|	3.03
21.333	2.49	2.54	2.940	O	|	|	|	3.03
21.417	2.46	2.51	2.940	O	|	|	|	3.03
21.500	2.44	2.48	2.940	O	|	|	|	3.03
21.583	2.41	2.46	2.939	O	|	|	|	3.03
21.667	2.39	2.43	2.939	O	|	|	|	3.03
21.750	2.37	2.41	2.939	O	|	|	|	3.03
21.833	2.34	2.38	2.939	O	|	|	|	3.03
21.917	2.32	2.36	2.938	O	|	|	|	3.03
22.000	2.30	2.34	2.938	O	|	|	|	3.03
22.083	2.28	2.32	2.938	O	|	|	|	3.03
22.167	2.26	2.30	2.938	O	|	|	|	3.03
22.250	2.24	2.27	2.937	O	|	|	|	3.03
22.333	2.22	2.25	2.937	O	|	|	|	3.03
22.417	2.20	2.23	2.937	O	|	|	|	3.03
22.500	2.18	2.21	2.937	O	|	|	|	3.03
22.583	2.16	2.20	2.936	O	|	|	|	3.03
22.667	2.15	2.18	2.936	O	|	|	|	3.03
22.750	2.13	2.16	2.936	O	|	|	|	3.03
22.833	2.11	2.14	2.936	O	|	|	|	3.03
22.917	2.09	2.12	2.935	O	|	|	|	3.03
23.000	2.08	2.11	2.935	O	|	|	|	3.03

23.083	2.06	2.09	2.935	O	|	|	|	| 3.03
23.167	2.05	2.07	2.935	O	|	|	|	| 3.03
23.250	2.03	2.06	2.935	O	|	|	|	| 3.03
23.333	2.01	2.04	2.934	O	|	|	|	| 3.03
23.417	2.00	2.03	2.934	O	|	|	|	| 3.03
23.500	1.99	2.01	2.934	O	|	|	|	| 3.03
23.583	1.97	2.00	2.934	O	|	|	|	| 3.02
23.667	1.96	1.98	2.934	O	|	|	|	| 3.02
23.750	1.94	1.97	2.934	O	|	|	|	| 3.02
23.833	1.93	1.95	2.933	O	|	|	|	| 3.02
23.917	1.92	1.94	2.933	O	|	|	|	| 3.02
24.000	1.90	1.93	2.933	O	|	|	|	| 3.02
24.083	1.82	1.90	2.933	O	|	|	|	| 3.02
24.167	1.31	1.75	2.931	O	|	|	|	| 3.02
24.250	0.75	1.43	2.927	O	|	|	|	| 3.02
24.333	0.50	1.07	2.923	O	|	|	|	| 3.01
24.417	0.35	0.78	2.919	O	|	|	|	| 3.01
24.500	0.25	0.57	2.917	O	|	|	|	| 3.01
24.583	0.19	0.41	2.915	O	|	|	|	| 3.01
24.667	0.14	0.30	2.914	O	|	|	|	| 3.00
24.750	0.10	0.22	2.913	O	|	|	|	| 3.00
24.833	0.07	0.16	2.912	O	|	|	|	| 3.00
24.917	0.05	0.11	2.911	O	|	|	|	| 3.00
25.000	0.04	0.08	2.911	O	|	|	|	| 3.00
25.083	0.03	0.06	2.911	O	|	|	|	| 3.00
25.167	0.01	0.04	2.910	O	|	|	|	| 3.00
25.250	0.01	0.03	2.910	O	|	|	|	| 3.00
25.333	0.00	0.02	2.910	O	|	|	|	| 3.00
25.417	0.00	0.01	2.910	O	|	|	|	| 3.00
25.500	0.00	0.01	2.910	O	|	|	|	| 3.00
25.583	0.00	0.00	2.910	O	|	|	|	| 3.00
25.667	0.00	0.00	2.910	O	|	|	|	| 3.00
25.750	0.00	0.00	2.910	O	|	|	|	| 3.00

Remaining water in basin = 2.91 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 309
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 64.624 (CFS)
Total volume = 7.243 (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 - 2014
Study date: 08/08/22

IEN
Basin D
100-year Developed

Program License Serial Number 6385

********** HYDROGRAPH INFORMATION **********

From study/file name: BasinD100yr.rte
**********HYDROGRAPH DATA**********
Number of intervals = 301
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 102.939 (CFS)
Total volume = 9.887 (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 100.000 to Point/Station 109.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 301
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)

Initial basin outflow = 0.00 (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
1.500	1.410	0.001	1.410	1.410
2.000	1.890	0.001	1.890	1.890
2.500	2.360	0.001	2.360	2.360
3.000	2.830	0.001	2.830	2.830
3.500	3.030	40.000	2.892	3.168
4.000	3.760	70.000	3.519	4.001
4.500	4.060	80.000	3.785	4.335
5.000	4.140	80.000	3.865	4.415

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 25.7 51.47 77.20 102.94	Depth (Ft.)
0.083	0.09	0.00	0.000	O | | | |	0.00
0.167	0.71	0.00	0.003	O | | | |	0.00
0.250	1.21	0.00	0.010	O | | | |	0.01
0.333	1.42	0.00	0.019	O | | | |	0.02
0.417	1.55	0.00	0.029	O | | | |	0.03
0.500	1.64	0.00	0.040	O | | | |	0.04
0.583	1.70	0.00	0.051	O | | | |	0.05
0.667	1.75	0.00	0.063	O | | | |	0.07
0.750	1.78	0.00	0.075	O | | | |	0.08
0.833	1.81	0.00	0.088	O | | | |	0.09
0.917	1.82	0.00	0.100	O | | | |	0.11
1.000	1.84	0.00	0.113	O | | | |	0.12
1.083	1.86	0.00	0.126	O | | | |	0.13
1.167	1.87	0.00	0.139	O | | | |	0.15
1.250	1.88	0.00	0.151	O | | | |	0.16
1.333	1.89	0.00	0.164	O | | | |	0.17
1.417	1.89	0.00	0.177	O | | | |	0.19
1.500	1.90	0.00	0.190	O | | | |	0.20
1.583	1.91	0.00	0.204	O | | | |	0.22
1.667	1.91	0.00	0.217	O | | | |	0.23
1.750	1.92	0.00	0.230	O | | | |	0.24
1.833	1.93	0.00	0.243	O | | | |	0.26
1.917	1.93	0.00	0.256	O | | | |	0.27
2.000	1.94	0.00	0.270	O | | | |	0.29
2.083	1.95	0.00	0.283	O | | | |	0.30
2.167	1.95	0.00	0.297	O | | | |	0.32

2.250	1.96	0.00	0.310	O	|	|	|	0.33
2.333	1.97	0.00	0.324	O	|	|	|	0.34
2.417	1.98	0.00	0.337	O	|	|	|	0.36
2.500	1.98	0.00	0.351	O	|	|	|	0.37
2.583	1.99	0.00	0.365	O	|	|	|	0.39
2.667	2.00	0.00	0.378	O	|	|	|	0.40
2.750	2.01	0.00	0.392	O	|	|	|	0.42
2.833	2.01	0.00	0.406	O	|	|	|	0.43
2.917	2.02	0.00	0.420	O	|	|	|	0.45
3.000	2.03	0.00	0.434	O	|	|	|	0.46
3.083	2.04	0.00	0.448	O	|	|	|	0.48
3.167	2.05	0.00	0.462	O	|	|	|	0.49
3.250	2.05	0.00	0.476	O	|	|	|	0.51
3.333	2.06	0.00	0.490	O	|	|	|	0.52
3.417	2.07	0.00	0.504	O	|	|	|	0.54
3.500	2.08	0.00	0.519	O	|	|	|	0.55
3.583	2.09	0.00	0.533	O	|	|	|	0.57
3.667	2.10	0.00	0.547	O	|	|	|	0.58
3.750	2.11	0.00	0.562	O	|	|	|	0.60
3.833	2.11	0.00	0.576	O	|	|	|	0.61
3.917	2.12	0.00	0.591	O	|	|	|	0.63
4.000	2.13	0.00	0.606	O	|	|	|	0.64
4.083	2.14	0.00	0.620	O	|	|	|	0.66
4.167	2.15	0.00	0.635	O	|	|	|	0.68
4.250	2.16	0.00	0.650	O	|	|	|	0.69
4.333	2.17	0.00	0.665	O	|	|	|	0.71
4.417	2.18	0.00	0.680	O	|	|	|	0.72
4.500	2.19	0.00	0.695	O	|	|	|	0.74
4.583	2.20	0.00	0.710	O	|	|	|	0.76
4.667	2.21	0.00	0.725	O	|	|	|	0.77
4.750	2.22	0.00	0.740	O	|	|	|	0.79
4.833	2.23	0.00	0.756	O	|	|	|	0.80
4.917	2.24	0.00	0.771	O	|	|	|	0.82
5.000	2.25	0.00	0.787	O	|	|	|	0.84
5.083	2.26	0.00	0.802	O	|	|	|	0.85
5.167	2.27	0.00	0.818	O	|	|	|	0.87
5.250	2.28	0.00	0.833	O	|	|	|	0.89
5.333	2.29	0.00	0.849	O	|	|	|	0.90
5.417	2.30	0.00	0.865	O	|	|	|	0.92
5.500	2.31	0.00	0.881	O	|	|	|	0.94
5.583	2.33	0.00	0.897	O	|	|	|	0.95
5.667	2.34	0.00	0.913	O	|	|	|	0.97
5.750	2.35	0.00	0.929	O	|	|	|	0.99
5.833	2.36	0.00	0.945	O	|	|	|	1.01
5.917	2.37	0.00	0.961	O	|	|	|	1.02
6.000	2.38	0.00	0.978	O	|	|	|	1.04
6.083	2.40	0.00	0.994	O	|	|	|	1.06
6.167	2.41	0.00	1.011	O	|	|	|	1.08
6.250	2.42	0.00	1.027	O	|	|	|	1.09
6.333	2.43	0.00	1.044	O	|	|	|	1.11

6.417	2.45	0.00	1.061	O				1.13
6.500	2.46	0.00	1.078	O				1.15
6.583	2.47	0.00	1.095	O				1.16
6.667	2.49	0.00	1.112	O				1.18
6.750	2.50	0.00	1.129	O				1.20
6.833	2.51	0.00	1.146	O				1.22
6.917	2.53	0.00	1.164	O				1.24
7.000	2.54	0.00	1.181	O				1.26
7.083	2.56	0.00	1.199	O				1.28
7.167	2.57	0.00	1.216	O				1.29
7.250	2.59	0.00	1.234	O				1.31
7.333	2.60	0.00	1.252	O				1.33
7.417	2.62	0.00	1.270	O				1.35
7.500	2.63	0.00	1.288	O				1.37
7.583	2.65	0.00	1.306	O				1.39
7.667	2.66	0.00	1.324	O				1.41
7.750	2.68	0.00	1.343	O				1.43
7.833	2.70	0.00	1.361	O				1.45
7.917	2.71	0.00	1.380	O				1.47
8.000	2.73	0.00	1.399	O				1.49
8.083	2.75	0.00	1.418	O				1.51
8.167	2.77	0.00	1.437	O				1.53
8.250	2.78	0.00	1.456	O				1.55
8.333	2.80	0.00	1.475	O				1.57
8.417	2.82	0.00	1.494	O				1.59
8.500	2.84	0.00	1.514	O				1.61
8.583	2.86	0.00	1.533	O				1.63
8.667	2.88	0.00	1.553	O				1.65
8.750	2.90	0.00	1.573	O				1.67
8.833	2.92	0.00	1.593	O				1.69
8.917	2.94	0.00	1.613	O				1.71
9.000	2.96	0.00	1.633	O				1.73
9.083	2.98	0.00	1.654	O				1.75
9.167	3.00	0.00	1.674	O				1.78
9.250	3.03	0.00	1.695	O				1.80
9.333	3.05	0.00	1.716	O				1.82
9.417	3.07	0.00	1.737	O				1.84
9.500	3.10	0.00	1.758	O				1.86
9.583	3.12	0.00	1.780	O				1.89
9.667	3.14	0.00	1.801	O				1.91
9.750	3.17	0.00	1.823	O				1.93
9.833	3.20	0.00	1.845	O				1.95
9.917	3.22	0.00	1.867	OI				1.98
10.000	3.25	0.00	1.889	OI				2.00
10.083	3.27	0.00	1.912	OI				2.02
10.167	3.30	0.00	1.935	OI				2.05
10.250	3.33	0.00	1.957	OI				2.07
10.333	3.36	0.00	1.980	OI				2.10
10.417	3.39	0.00	2.004	OI				2.12
10.500	3.42	0.00	2.027	OI				2.15

10.583	3.45	0.00	2.051	OI				2.17
10.667	3.49	0.00	2.075	OI				2.20
10.750	3.52	0.00	2.099	OI				2.22
10.833	3.55	0.00	2.123	OI				2.25
10.917	3.59	0.00	2.148	OI				2.27
11.000	3.62	0.00	2.172	OI				2.30
11.083	3.66	0.00	2.198	OI				2.33
11.167	3.70	0.00	2.223	OI				2.35
11.250	3.73	0.00	2.248	OI				2.38
11.333	3.77	0.00	2.274	OI				2.41
11.417	3.81	0.00	2.300	OI				2.44
11.500	3.86	0.00	2.327	OI				2.46
11.583	3.90	0.00	2.353	OI				2.49
11.667	3.94	0.00	2.380	OI				2.52
11.750	3.99	0.00	2.408	OI				2.55
11.833	4.04	0.00	2.435	OI				2.58
11.917	4.08	0.00	2.463	OI				2.61
12.000	4.13	0.00	2.492	OI				2.64
12.083	4.17	0.00	2.520	OI				2.67
12.167	4.16	0.00	2.549	OI				2.70
12.250	4.15	0.00	2.578	OI				2.73
12.333	4.19	0.00	2.606	OI				2.76
12.417	4.23	0.00	2.635	OI				2.79
12.500	4.28	0.00	2.665	OI				2.82
12.583	4.34	0.00	2.694	OI				2.86
12.667	4.40	0.00	2.724	OI				2.89
12.750	4.46	0.00	2.755	OI				2.92
12.833	4.53	0.00	2.786	OI				2.95
12.917	4.60	0.00	2.817	OI				2.99
13.000	4.67	2.26	2.841	OI				3.03
13.083	4.75	4.26	2.851	|O				3.05
13.167	4.83	4.69	2.853	|O				3.06
13.250	4.92	4.84	2.854	|O				3.06
13.333	5.01	4.94	2.855	|O				3.06
13.417	5.10	5.03	2.855	|O				3.06
13.500	5.20	5.13	2.856	|O				3.06
13.583	5.30	5.23	2.856	|O				3.07
13.667	5.41	5.33	2.857	|O				3.07
13.750	5.53	5.44	2.857	|O				3.07
13.833	5.65	5.56	2.858	|O				3.07
13.917	5.78	5.69	2.858	|O				3.07
14.000	5.92	5.82	2.859	|O				3.07
14.083	6.06	5.96	2.860	|O				3.07
14.167	6.23	6.11	2.861	|O				3.08
14.250	6.39	6.27	2.861	|O				3.08
14.333	6.58	6.44	2.862	| O				3.08
14.417	6.76	6.63	2.863	| O				3.08
14.500	6.97	6.82	2.864	| O				3.09
14.583	7.19	7.03	2.865	| O				3.09
14.667	7.44	7.26	2.866	| O				3.09

14.750	7.69	7.51	2.868	O					3.09
14.833	7.99	7.78	2.869	O					3.10
14.917	8.30	8.08	2.870	O					3.10
15.000	8.69	8.42	2.872	O					3.11
15.083	9.10	8.81	2.874	O					3.11
15.167	9.61	9.25	2.876	O					3.12
15.250	10.14	9.76	2.879	O					3.12
15.333	10.81	10.34	2.882	O					3.13
15.417	11.41	10.97	2.885	O					3.14
15.500	11.55	11.39	2.887	O					3.14
15.583	11.92	11.67	2.888	O					3.15
15.667	12.99	12.31	2.892	OI					3.15
15.750	14.41	13.44	2.897	O					3.17
15.833	16.72	15.18	2.906	OI					3.19
15.917	19.98	17.76	2.919	OI					3.22
16.000	26.75	22.33	2.942	O	I				3.28
16.083	46.00	33.79	2.999		O	I			3.42
16.167	102.94	48.20	3.229			O		I	3.64
16.250	85.21	59.57	3.506			O	I		3.83
16.333	48.67	61.40	3.551			I	O		3.86
16.417	34.07	56.43	3.430		I	O			3.77
16.500	26.57	49.96	3.272		I	O			3.67
16.583	21.52	43.54	3.116	I		O			3.56
16.667	17.94	32.22	2.991	I	O				3.40
16.750	15.12	19.42	2.927	I	O				3.24
16.833	12.78	14.96	2.905	IO					3.19
16.917	10.97	12.44	2.892	O					3.16
17.000	10.18	10.92	2.885	O					3.14
17.083	9.17	9.90	2.880	IO					3.12
17.167	8.08	8.86	2.874	O					3.11
17.250	6.85	7.72	2.869	O					3.10
17.333	6.42	6.83	2.864	IO					3.09
17.417	6.07	6.35	2.862	O					3.08
17.500	5.78	6.00	2.860	O					3.08
17.583	5.51	5.71	2.859	O					3.07
17.667	5.28	5.46	2.857	O					3.07
17.750	5.08	5.23	2.856	O					3.07
17.833	4.89	5.03	2.855	O					3.06
17.917	4.72	4.85	2.854	O					3.06
18.000	4.57	4.68	2.853	O					3.06
18.083	4.44	4.54	2.853	O					3.06
18.167	4.38	4.43	2.852	O					3.06
18.250	4.31	4.36	2.852	O					3.05
18.333	4.22	4.28	2.851	O					3.05
18.417	4.13	4.19	2.851	O					3.05
18.500	4.04	4.10	2.851	O					3.05
18.583	3.95	4.01	2.850	O					3.05
18.667	3.86	3.93	2.850	O					3.05
18.750	3.78	3.84	2.849	O					3.05
18.833	3.71	3.76	2.849	O					3.05

18.917	3.63	3.69	2.848	|O	|	|	|	3.05
19.000	3.56	3.62	2.848	|O	|	|	|	3.05
19.083	3.50	3.55	2.848	|O	|	|	|	3.04
19.167	3.43	3.48	2.847	|O	|	|	|	3.04
19.250	3.37	3.42	2.847	|O	|	|	|	3.04
19.333	3.31	3.36	2.847	|O	|	|	|	3.04
19.417	3.26	3.30	2.846	|O	|	|	|	3.04
19.500	3.20	3.24	2.846	IO	|	|	|	3.04
19.583	3.15	3.19	2.846	O	|	|	|	3.04
19.667	3.10	3.14	2.846	O	|	|	|	3.04
19.750	3.06	3.09	2.845	O	|	|	|	3.04
19.833	3.01	3.04	2.845	O	|	|	|	3.04
19.917	2.97	3.00	2.845	O	|	|	|	3.04
20.000	2.93	2.96	2.845	O	|	|	|	3.04
20.083	2.89	2.91	2.845	O	|	|	|	3.04
20.167	2.85	2.87	2.844	O	|	|	|	3.04
20.250	2.81	2.84	2.844	O	|	|	|	3.04
20.333	2.77	2.80	2.844	O	|	|	|	3.03
20.417	2.74	2.76	2.844	O	|	|	|	3.03
20.500	2.70	2.73	2.844	O	|	|	|	3.03
20.583	2.67	2.69	2.843	O	|	|	|	3.03
20.667	2.64	2.66	2.843	O	|	|	|	3.03
20.750	2.61	2.63	2.843	O	|	|	|	3.03
20.833	2.58	2.60	2.843	O	|	|	|	3.03
20.917	2.55	2.57	2.843	O	|	|	|	3.03
21.000	2.52	2.54	2.843	O	|	|	|	3.03
21.083	2.49	2.51	2.843	O	|	|	|	3.03
21.167	2.46	2.48	2.842	O	|	|	|	3.03
21.250	2.44	2.46	2.842	O	|	|	|	3.03
21.333	2.41	2.43	2.842	O	|	|	|	3.03
21.417	2.39	2.41	2.842	O	|	|	|	3.03
21.500	2.36	2.38	2.842	O	|	|	|	3.03
21.583	2.34	2.36	2.842	O	|	|	|	3.03
21.667	2.32	2.33	2.842	O	|	|	|	3.03
21.750	2.29	2.31	2.842	O	|	|	|	3.03
21.833	2.27	2.29	2.841	O	|	|	|	3.03
21.917	2.25	2.27	2.841	O	|	|	|	3.03
22.000	2.23	2.25	2.841	O	|	|	|	3.03
22.083	2.21	2.23	2.841	O	|	|	|	3.03
22.167	2.19	2.21	2.841	O	|	|	|	3.03
22.250	2.17	2.19	2.841	O	|	|	|	3.03
22.333	2.15	2.17	2.841	O	|	|	|	3.03
22.417	2.13	2.15	2.841	O	|	|	|	3.03
22.500	2.12	2.13	2.841	O	|	|	|	3.03
22.583	2.10	2.11	2.841	O	|	|	|	3.03
22.667	2.08	2.09	2.840	O	|	|	|	3.03
22.750	2.07	2.08	2.840	O	|	|	|	3.03
22.833	2.05	2.06	2.840	O	|	|	|	3.03
22.917	2.03	2.04	2.840	O	|	|	|	3.03
23.000	2.02	2.03	2.840	O	|	|	|	3.03

23.083	2.00	2.01	2.840	O	|	|	|	|	3.03
23.167	1.99	2.00	2.840	O	|	|	|	|	3.02
23.250	1.97	1.98	2.840	O	|	|	|	|	3.02
23.333	1.96	1.97	2.840	O	|	|	|	|	3.02
23.417	1.94	1.95	2.840	O	|	|	|	|	3.02
23.500	1.93	1.94	2.840	O	|	|	|	|	3.02
23.583	1.91	1.92	2.840	O	|	|	|	|	3.02
23.667	1.90	1.91	2.840	O	|	|	|	|	3.02
23.750	1.89	1.90	2.839	O	|	|	|	|	3.02
23.833	1.87	1.88	2.839	O	|	|	|	|	3.02
23.917	1.86	1.87	2.839	O	|	|	|	|	3.02
24.000	1.85	1.86	2.839	O	|	|	|	|	3.02
24.083	1.74	1.81	2.839	O	|	|	|	|	3.02
24.167	1.12	1.50	2.837	O	|	|	|	|	3.02
24.250	0.61	0.98	2.835	O	|	|	|	|	3.01
24.333	0.40	0.59	2.833	O	|	|	|	|	3.01
24.417	0.27	0.38	2.832	O	|	|	|	|	3.00
24.500	0.19	0.26	2.831	O	|	|	|	|	3.00
24.583	0.13	0.18	2.831	O	|	|	|	|	3.00
24.667	0.09	0.12	2.831	O	|	|	|	|	3.00
24.750	0.06	0.08	2.830	O	|	|	|	|	3.00
24.833	0.04	0.06	2.830	O	|	|	|	|	3.00
24.917	0.03	0.04	2.830	O	|	|	|	|	3.00
25.000	0.02	0.03	2.830	O	|	|	|	|	3.00
25.083	0.01	0.01	2.830	O	|	|	|	|	3.00
25.167	0.00	0.01	2.830	O	|	|	|	|	3.00
25.250	0.00	0.00	2.830	O	|	|	|	|	3.00

Remaining water in basin = 2.83 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 303
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 61.400 (CFS)
Total volume = 7.057 (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

****