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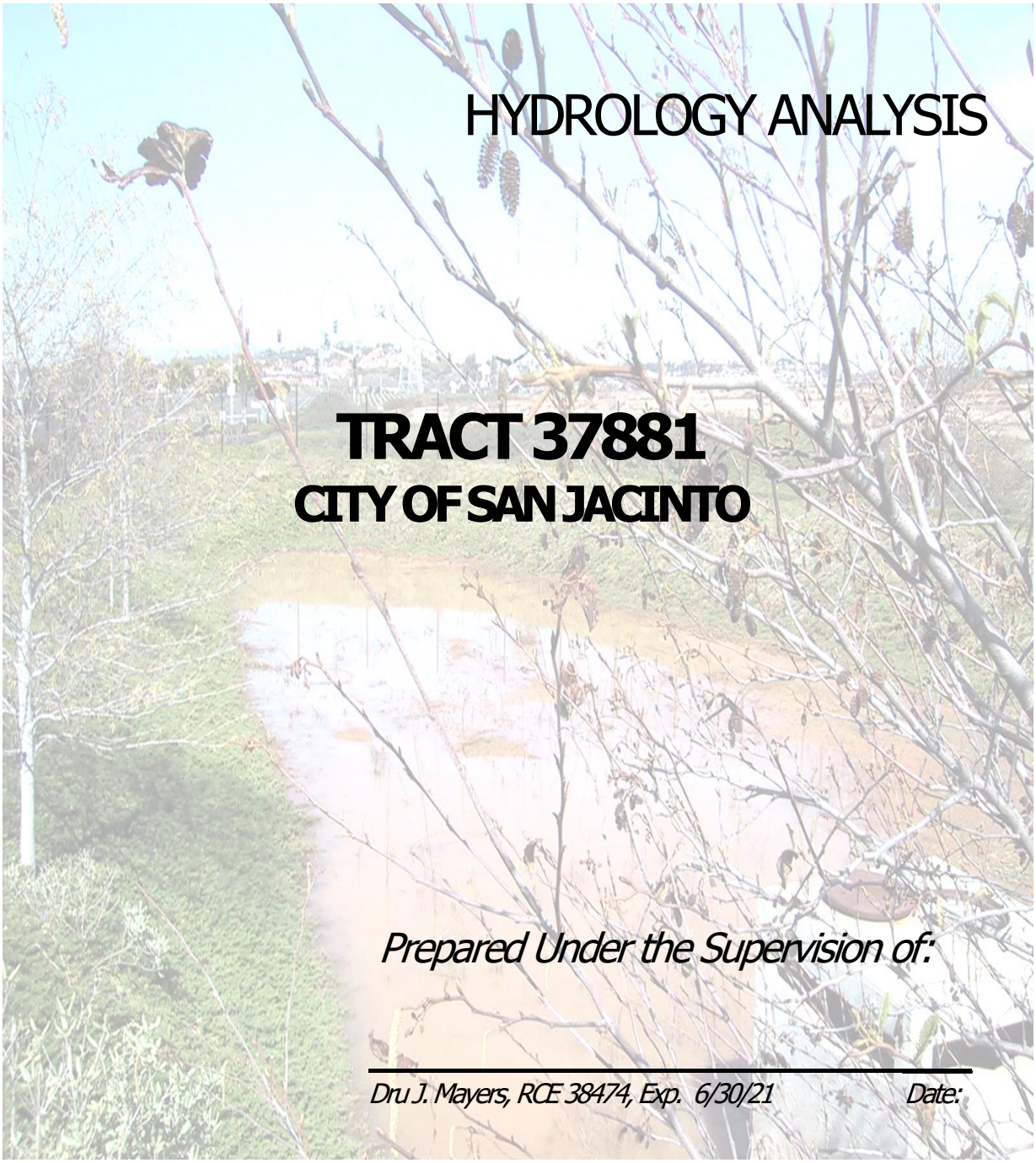

HYDROLOGY ANALYSIS

TRACT 37881
CITY OF SAN JACINTO

Prepared Under the Supervision of:

Dru J. Mayers, RCE 38474, Exp. 6/30/21 *Date:*

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I. DRAINAGE OVERVIEW

1. INTRODUCTION

A. PURPOSE

The purpose of this report is to provide a hydrology analysis for use in the design of the drainage system for development of the proposed Tract Map 37881. This study will calculate the 10 & 100-year rational method storm discharges for the developed site. All drainage system will be developed per RCFC manual.

B. PROJECT DESCRIPTION

Tract Map 37881 is located north of the Hwy 74 and southwest of Hwy 79 in the City of San Jacinto. It is a regular shaped site and bordered on the south by an existing elementary school, west is bordered by a farm lot and on the north and east by open space. See the vicinity map contained in Section II of this report.

C. EXISTING CONDITION

The site is currently undeveloped and is covered with native grass and brush. Topographically, the project site occupies approximately 40.0 acres of relatively flat terrain.

D. PROPOSED CONDITION

The proposed site will be developed into a 212 single-family residential development with associated improvements, including eight streets and graded slopes.

Runoff is collected in a storm drain system that will convey the onsite runoff into a water quality bio-retention basin. The offsite flows will be collected in a proposed storm drain and bypass the basin. The 100-year 1-hour onsite runoff will safely be conveyed through the basin into a proposed catch basin with submerged pump inside. The pump will then send the mitigated stormwater into Cawston Avenue where water will travel north mimicking the pre-existing conditions only after water has been treated.

2. METHODOLOGY

A. DISCUSSION

The methodology used in this report is based on the City of San Jacinto, Flood Control and Water Conservation District's Storm Water Quality Best Management Practice Design Handbook, Hydrology Manual, Civilcadd/Civildesign Engineering Software Version 7.0, and Excel software spreadsheet.

The following criteria were used in this analysis:

- All available information and improvement plans were collected.
- The drainage areas within and tributary to the project sire were defined.
- The water quality study was performed as shown in the Design Handbook.
- The existing hydrographs were prepared based on the existing and proposed drainage patterns using Civilcadd/Civildesign Engineering Software.
- The Excel spreadsheet was used to determine the water quality quantities.
- The hydrographs were prepared using the Civilcadd/Civildesign Engineering Software.

The results of this study and the print out of these calculations for this hydrological analysis are presented herein.

3. RATIONAL HYDROLOGY ANALYSIS

A. GENERAL

The hydrologic studies prepared in this report utilized the rational method and unit hydrograph method in accordance with the Riverside County flood Control and Water Conservation District Hydrology Manual.

Hydrology calculations were prepared using the "Rational Method Hydrology Computer Program Package" by Civilcadd Software based on the hydrology manual criterion.

The rational method computes the peak runoff as a function of area, rainfall intensity, and a coefficient of runoff. The basic formula in the rational method is as follows:

$$Q = CIA$$

Where:

Q = Peak runoff in cubic feet per second (cfs)

C = Coefficient of runoff
I = Average rainfall in inches per hour corresponding to the time of concentration
A = Drainage area in acres

This formula computes the peak flow rate at all points of concentration. The hydrology analysis is provided in this report.

Land use in the study area is a significant factor in the development of the hydrology study in that the coefficient of runoff used in the rational method are partially dependent upon the type of surface development proposed within the drainage area. The land use used in this study is based upon the development proposed.

The major factor affecting infiltration is the nature of the soil. Hydrologic soil types within the study area were determined from the Hydrologic Classification of Soils map contained in the RCFC & WCD Hydrology Manual. The soil classification is based on the Soil Conservation Service criteria as follows:

Soil Group A Low runoff potential, consisting mainly of deep, well-defined sands or gravel.

Soil Group B Soils having moderate infiltration rates, consisting of moderately well drained sandy-loam soils with fine to moderate coarse textures.

Soil Group C Soils having slow infiltration rates, consisting of silty-loam soils with moderate fine textures.

Soil Group D High runoff potential with slow infiltration rates, consisting mainly of clay soils with a permanent high water table or shallow soils over impervious material.

Rainfall intensity is expressed in inches of rainfall per hour and is developed by statistical methods from historical rainfall records. The rainfall intensity data used in this study was obtained from the curves for mean precipitation intensities included in the RCFC. Per the hydrologic soils group map for Lake View the project site is located in Soil Group B/C soil.

B. RATIONAL METHOD HYDROLOGY ANALYSIS

A rational method hydrology study has been prepared for the development of this site. This study will calculate the 10-year and 100-year storm discharges for the sizing of drainage facilities.

The off-site water draining towards the east side of the project naturally travels to the north east corner of the site and has an existing 10-year peak discharge of 18.4 cfs for approximately 26.03 acres of tributary area.

The off-site water draining towards the east side of the project naturally travels to the north east corner of the site and has an existing 100-year peak discharge of 34.5 cfs for approximately 26.03 acres of tributary area. This area is area "A" on the existing site hydrology map. All water from area "A" will be naturally conveyed via a v-channel on the east side of proposed project.

Area "B" on the existing hydrology map conveys water to the north west corner of the site and has an existing 10-year and 100-year peak discharge of 26.4 and 49.4 cfs respectfully. The approximate tributary for area "B" is 37.14 acres.

Area "C" pertains to the half street area of Cottonwood, extending from the centerline of Sanderson Avenue to the centerline of Cawston Avenue. The existing 10-year and 100-year discharge is 3.4 and 5.6 cfs respectfully. The approximate tributary area for area "C" is 3.36 acres. Per the San Jacinto Valley Master Drainage Map, water pertaining to the half portion on Cottonwood will ultimately be pick up by the Casa Loma detention Basin to be developed at a future date.

Area "D" pertains to the half street area of Cawston Avenue draining north. The existing 10-year and 100-year discharge is 0.96 and 1.7 cfs respectfully. The approximate tributary area for area "D" is 1.26 acres. Per the San Jacinto Valley Master Drainage Map, water pertaining to the half portion on Cottonwood will ultimately be pick up by the water ponds north of the site.

The site's study determined area "A" developed 10-year peak discharge is 36 cfs for approximately 36.9 acres of tributary area to the basin.

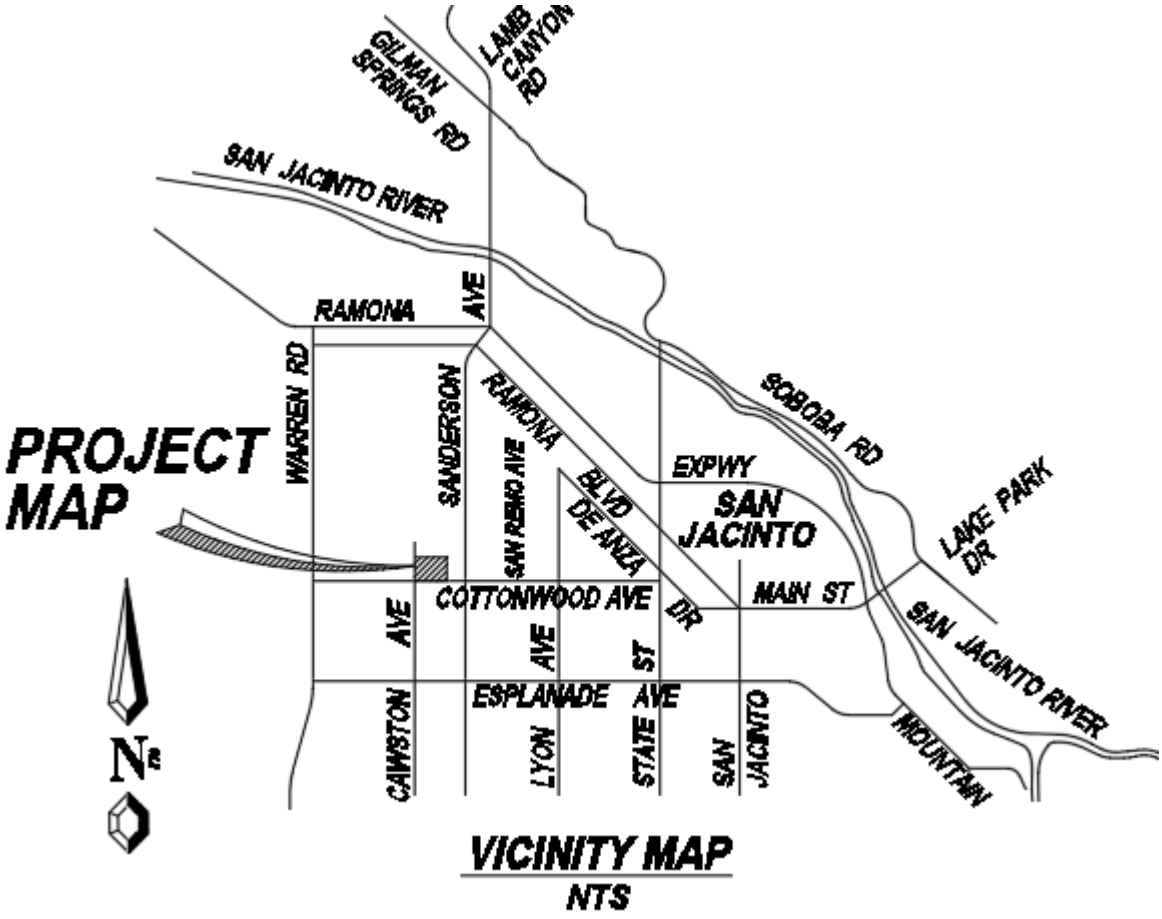
The developed 100-year peak flow rate for area "A" is 63.1 cfs, for 36.9 acres of tributary area to the basin.

The developed 10-year &100-year peak flow rate for area "B" is 2.2 cfs and 3.4 cfs respectfully, for 1.8 acres of tributary area.

The developed 10-year &100-year peak flow rate for area "C" is 1.7 cfs and 2.7 cfs respectfully, for 1.4 acres of tributary area.

The Rational Hydrology Analysis is contained in **Section III, Appendix A** of this report.

II. VICINITY MAP



III. APPENDICES

APPENDIX A	RATIONAL HYDROLOGY ANALYSIS Drainage Calculation 10-yr & 100-yr Pre-Development Rational 10-yr and 100-yr Post-Development Rational 10-yr and 100-yr

APPENDIX "A"

RATIONAL HYDROLOGY ANALYSIS

Pre-Development Drainage Calculation 10-yr & 100-yr

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
Rational Hydrology Study Date: 10/07/20 File:37881pre.out

TR 37881
EXISTING CONDITION HYDROLOGY
10-YEAR EVENT

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

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

Program License Serial Number 6194

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

Storm event (year) = 10.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.480(In.)
100 year, 1 hour precipitation = 1.170(In.)

Storm event year = 10.0
Calculated rainfall intensity data:
1 hour intensity = 0.764(In/Hr)
Slope of intensity duration curve = 0.4800

++
Process from Point/Station 1.000 to Point/Station 2.000
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 1000.000(Ft.)
Top (of initial area) elevation = 1505.500(Ft.)
Bottom (of initial area) elevation = 1501.200(Ft.)
Difference in elevation = 4.300(Ft.)
Slope = 0.00430 s(percent)= 0.43
TC = k(0.530)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 24.979 min.
Rainfall intensity = 1.163(In/Hr) for a 10.0 year storm
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.719
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500

```
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  82.00
Pervious area fraction =  1.000; Impervious fraction =  0.000
Initial subarea runoff =      8.365(CFS)
Total initial stream area =       10.000(Ac.)
Pervious area fraction = 1.000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Process from Point/Station        2.000 to Point/Station        3.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
________________________________________________________________________
Top of natural channel elevation =   1501.200(Ft.)
End of natural channel elevation =   1499.400(Ft.)
Length of natural channel  =   667.000(Ft.)
Estimated mean flow rate at midpoint of channel =     19.742(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   1.55(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
      Normal channel slope =  0.0027
Corrected/adjusted channel slope =  0.0027
Travel time =    7.17 min.     TC =   32.15  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.701
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  82.00
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      1.031(In/Hr) for a    10.0 year storm
Subarea runoff =     19.650(CFS) for     27.200(Ac.)
Total runoff =     28.015(CFS)      Total area =      37.200(Ac.)
End of computations, total study area =           37.20 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged RI index number =  82.0
```

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
Rational Hydrology Study Date: 10/07/20 File:37881pre.out

TR 37881
EXISTING CONDITION HYDROLOGY
100-YEAR EVENT

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

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

Program License Serial Number 6194

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

Storm event (year) = 100.00 Antecedent Moisture Condition = 3

2 year, 1 hour precipitation = 0.480(In.)
100 year, 1 hour precipitation = 1.170(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.170(In/Hr)
Slope of intensity duration curve = 0.4800

++
Process from Point/Station 1.000 to Point/Station 2.000
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 1000.000(Ft.)
Top (of initial area) elevation = 1505.500(Ft.)
Bottom (of initial area) elevation = 1501.200(Ft.)
Difference in elevation = 4.300(Ft.)
Slope = 0.00430 s(percent)= 0.43
TC = k(0.530)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 24.979 min.
Rainfall intensity = 1.782(In/Hr) for a 100.0 year storm
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.846
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500

```
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  92.20
Pervious area fraction =  1.000; Impervious fraction =  0.000
Initial subarea runoff =     15.081(CFS)
Total initial stream area =       10.000(Ac.)
Pervious area fraction = 1.000


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Process from Point/Station        2.000 to Point/Station        3.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
______________________________________________________________________________
Top of natural channel elevation =   1501.200(Ft.)
End of natural channel elevation =   1499.400(Ft.)
Length of natural channel  =   667.000(Ft.)
Estimated mean flow rate at midpoint of channel =     35.592(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   1.82(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
      Normal channel slope =  0.0027
Corrected/adjusted channel slope =  0.0027
Travel time =    6.09 min.     TC =   31.07  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.841
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  92.20
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      1.605(In/Hr) for a   100.0 year storm
Subarea runoff =     36.701(CFS) for     27.200(Ac.)
Total runoff =     51.782(CFS)      Total area =      37.200(Ac.)
End of computations, total study area =           37.20 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged RI index number =  82.0
```

APPENDIX "A"

RATIONAL HYDROLOGY ANALYSIS

Post-Development Drainage Calculation 10-yr & 100-yr

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
Rational Hydrology Study Date: 10/20/20 File:tr37881post10.out

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Tract 37881 Rational Hydrology
Proposed condition
10yr-1 hr

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

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

Program License Serial Number 6194

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

Storm event (year) = 10.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.480(In.)
100 year, 1 hour precipitation = 1.170(In.)

Storm event year = 10.0
Calculated rainfall intensity data:
1 hour intensity = 0.764(In/Hr)
Slope of intensity duration curve = 0.4800

++
Process from Point/Station 25.000 to Point/Station 26.000
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 917.000(Ft.)
Top (of initial area) elevation = 507.700(Ft.)
Bottom (of initial area) elevation = 502.200(Ft.)
Difference in elevation = 5.500(Ft.)
Slope = 0.00600 s(percent)= 0.60
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 16.612 min.
Rainfall intensity = 1.415(In/Hr) for a 10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.737
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500

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Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.516(CFS)
Total initial stream area =        3.370(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       26.000 to Point/Station       29.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   502.200(Ft.)
Downstream point/station elevation =   497.000(Ft.)
Pipe length  =    31.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.516(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.516(CFS)
Normal flow depth in pipe =    4.60(In.)
Flow top width inside pipe =    9.00(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.48(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    16.65 min.


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Process from Point/Station       29.000 to Point/Station       29.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =      3.370(Ac.)
Runoff from this stream =      3.516(CFS)
Time of concentration =   16.65 min.
Rainfall intensity =     1.414(In/Hr)


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Process from Point/Station       27.000 to Point/Station       28.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   722.000(Ft.)
Top (of initial area) elevation =   506.200(Ft.)
Bottom (of initial area) elevation =   502.200(Ft.)
Difference in elevation =     4.000(Ft.)
Slope =    0.00554  s(percent)=       0.55
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   15.338 min.
Rainfall intensity =      1.470(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.741
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
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Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.850(CFS)
Total initial stream area =        4.450(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       28.000 to Point/Station       29.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   502.200(Ft.)
Downstream point/station elevation =   497.000(Ft.)
Pipe length  =    23.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.850(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.850(CFS)
Normal flow depth in pipe =    5.11(In.)
Flow top width inside pipe =    8.92(In.)
Critical depth could not be calculated.
Pipe flow velocity =     18.73(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    15.36 min.


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Process from Point/Station       29.000 to Point/Station       29.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =      4.450(Ac.)
Runoff from this stream =      4.850(CFS)
Time of concentration =   15.36 min.
Rainfall intensity =     1.469(In/Hr)
Summary of stream data:

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


1        3.516     16.65                1.414
2        4.850     15.36                1.469
Largest stream flow has longer or shorter time of concentration
Qp =      4.850 + sum of
        Qa          Tb/Ta
         3.516 *    0.923 =      3.245
Qp =      8.095

Total of 2 streams to confluence:
Flow rates before confluence point:
       3.516       4.850
Area of streams before confluence:
        3.370        4.450
Results of confluence:
Total flow rate =      8.095(CFS)
Time of concentration =    15.359 min.
Effective stream area after confluence =      7.820(Ac.)
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Process from Point/Station       29.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   497.000(Ft.)
Downstream point/station elevation =   494.000(Ft.)
Pipe length  =   528.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     8.095(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =     8.095(CFS)
Normal flow depth in pipe =   12.68(In.)
Flow top width inside pipe =   20.54(In.)
Critical Depth =   12.67(In.)
Pipe flow velocity =      5.34(Ft/s)
Travel time through pipe =    1.65 min.
Time of concentration (TC) =    17.01 min.


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Process from Point/Station       30.000 to Point/Station       30.000
**** CONFLUENCE OF MAIN STREAMS ****
______________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =      7.820(Ac.)
Runoff from this stream =      8.095(CFS)
Time of concentration =   17.01 min.
Rainfall intensity =     1.399(In/Hr)
Program is now starting with Main Stream No. 2


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       31.000 to Point/Station       32.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   591.000(Ft.)
Top (of initial area) elevation =   507.200(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     6.900(Ft.)
Slope =    0.01168  s(percent)=       1.17
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.197 min.
Rainfall intensity =      1.641(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.753
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.840(CFS)
Total initial stream area =        2.300(Ac.)
Pervious area fraction = 0.500
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++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       32.000 to Point/Station       35.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   500.300(Ft.)
Downstream point/station elevation =   495.000(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.840(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     2.840(CFS)
Normal flow depth in pipe =    4.15(In.)
Flow top width inside pipe =    8.97(In.)
Critical depth could not be calculated.
Pipe flow velocity =     14.27(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    12.24 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       35.000 to Point/Station       35.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      2.300(Ac.)
Runoff from this stream =      2.840(CFS)
Time of concentration =   12.24 min.
Rainfall intensity =     1.639(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       33.000 to Point/Station       34.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   591.000(Ft.)
Top (of initial area) elevation =   507.200(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     6.900(Ft.)
Slope =    0.01168  s(percent)=       1.17
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.197 min.
Rainfall intensity =      1.641(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.753
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.371(CFS)
Total initial stream area =        1.920(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       34.000 to Point/Station       35.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
```

```
Upstream point/station elevation =   500.300(Ft.)
Downstream point/station elevation =   495.000(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.371(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     2.371(CFS)
Normal flow depth in pipe =    4.29(In.)
Flow top width inside pipe =    5.42(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.77(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    12.22 min.


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Process from Point/Station       35.000 to Point/Station       35.000
**** CONFLUENCE OF MINOR STREAMS ****
------------------------------------------------------------------------------
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.920(Ac.)
Runoff from this stream =      2.371(CFS)
Time of concentration =   12.22 min.
Rainfall intensity =     1.640(In/Hr)
Summary of stream data:

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


1        2.840     12.24                 1.639
2        2.371     12.22                 1.640
Largest stream flow has longer time of concentration
Qp =      2.840 + sum of
        Qb         Ia/Ib
         2.371 *    0.999 =      2.370
Qp =      5.210

Total of 2 streams to confluence:
Flow rates before confluence point:
       2.840       2.371
Area of streams before confluence:
        2.300        1.920
Results of confluence:
Total flow rate =      5.210(CFS)
Time of concentration =    12.237 min.
Effective stream area after confluence =      4.220(Ac.)


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Process from Point/Station       35.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------------
Upstream point/station elevation =   495.000(Ft.)
Downstream point/station elevation =   494.000(Ft.)
Pipe length  =    81.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.210(CFS)
```

```
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     5.210(CFS)
Normal flow depth in pipe =    9.48(In.)
Flow top width inside pipe =   14.47(In.)
Critical Depth =   11.10(In.)
Pipe flow velocity =      6.38(Ft/s)
Travel time through pipe =    0.21 min.
Time of concentration (TC) =    12.45 min.


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Process from Point/Station       30.000 to Point/Station       30.000
**** CONFLUENCE OF MAIN STREAMS ****
______________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area =      4.220(Ac.)
Runoff from this stream =      5.210(CFS)
Time of concentration =   12.45 min.
Rainfall intensity =     1.625(In/Hr)
Summary of stream data:

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


1        8.095     17.01               1.399
2        5.210     12.45               1.625
Largest stream flow has longer time of concentration
Qp =      8.095 + sum of
        Qb         Ia/Ib
         5.210 *    0.861 =      4.485
Qp =     12.580

Total of 2 main streams to confluence:
Flow rates before confluence point:
       8.095       5.210
Area of streams before confluence:
        7.820        4.220


Results of confluence:
Total flow rate =     12.580(CFS)
Time of concentration =    17.008 min.
Effective stream area after confluence  =     12.040(Ac.)


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Process from Point/Station       30.000 to Point/Station       38.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   494.000(Ft.)
Downstream point/station elevation =   493.000(Ft.)
Pipe length  =   176.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    12.580(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    12.580(CFS)
```

```
Normal flow depth in pipe =   15.33(In.)
Flow top width inside pipe =   23.06(In.)
Critical Depth =   15.30(In.)
Pipe flow velocity =      5.94(Ft/s)
Travel time through pipe =    0.49 min.
Time of concentration (TC) =    17.50 min.


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Process from Point/Station       38.000 to Point/Station       38.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     12.040(Ac.)
Runoff from this stream =     12.580(CFS)
Time of concentration =   17.50 min.
Rainfall intensity =     1.380(In/Hr)


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Process from Point/Station       36.000 to Point/Station       37.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   528.000(Ft.)
Top (of initial area) elevation =   505.400(Ft.)
Bottom (of initial area) elevation =   499.500(Ft.)
Difference in elevation =     5.900(Ft.)
Slope =    0.01117  s(percent)=       1.12
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.762 min.
Rainfall intensity =      1.670(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.754
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.363(CFS)
Total initial stream area =        2.670(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       37.000 to Point/Station       38.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   499.500(Ft.)
Downstream point/station elevation =   493.000(Ft.)
Pipe length  =    35.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.363(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.363(CFS)
Normal flow depth in pipe =    4.35(In.)
Flow top width inside pipe =    8.99(In.)
Critical depth could not be calculated.
```

```
Pipe flow velocity =     15.90(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    11.80 min.


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Process from Point/Station       38.000 to Point/Station       38.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =      2.670(Ac.)
Runoff from this stream =      3.363(CFS)
Time of concentration =   11.80 min.
Rainfall intensity =     1.667(In/Hr)
Summary of stream data:

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


1       12.580     17.50                 1.380
2        3.363     11.80                 1.667
Largest stream flow has longer time of concentration
Qp =     12.580 + sum of
        Qb         Ia/Ib
         3.363 *    0.828 =      2.783
Qp =     15.363

Total of 2 streams to confluence:
Flow rates before confluence point:
      12.580       3.363
Area of streams before confluence:
       12.040        2.670
Results of confluence:
Total flow rate =     15.363(CFS)
Time of concentration =    17.502 min.
Effective stream area after confluence =     14.710(Ac.)


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Process from Point/Station       38.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   493.000(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =   153.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    15.363(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    15.363(CFS)
Normal flow depth in pipe =   17.55(In.)
Flow top width inside pipe =   21.27(In.)
Critical Depth =   16.97(In.)
Pipe flow velocity =      6.24(Ft/s)
Travel time through pipe =    0.41 min.
Time of concentration (TC) =    17.91 min.
```

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Process from Point/Station       43.000 to Point/Station       43.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     14.710(Ac.)
Runoff from this stream =     15.363(CFS)
Time of concentration =   17.91 min.
Rainfall intensity =     1.365(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       39.000 to Point/Station       40.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   620.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   498.900(Ft.)
Difference in elevation =     3.900(Ft.)
Slope =    0.00629  s(percent)=       0.63
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.070 min.
Rainfall intensity =      1.532(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.746
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.011(CFS)
Total initial stream area =        1.760(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       40.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   498.900(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.011(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     2.011(CFS)
Normal flow depth in pipe =    4.07(In.)
Flow top width inside pipe =    5.61(In.)
Critical depth could not be calculated.
Pipe flow velocity =     14.20(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    14.11 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       43.000 to Point/Station       43.000
**** CONFLUENCE OF MINOR STREAMS ****
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Along Main Stream number: 1 in normal stream number 2
Stream flow area =      1.760(Ac.)
Runoff from this stream =      2.011(CFS)
Time of concentration =   14.11 min.
Rainfall intensity =     1.530(In/Hr)


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Process from Point/Station       41.000 to Point/Station       42.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   736.000(Ft.)
Top (of initial area) elevation =   505.300(Ft.)
Bottom (of initial area) elevation =   498.900(Ft.)
Difference in elevation =     6.400(Ft.)
Slope =    0.00870  s(percent)=       0.87
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.124 min.
Rainfall intensity =      1.530(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.745
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.398(CFS)
Total initial stream area =        2.980(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       42.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.900(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.398(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.398(CFS)
Normal flow depth in pipe =    3.79(In.)
Flow top width inside pipe =    8.89(In.)
Critical depth could not be calculated.
Pipe flow velocity =     19.25(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    14.14 min.


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Process from Point/Station       43.000 to Point/Station       43.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 3
Stream flow area =      2.980(Ac.)
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```
Runoff from this stream =      3.398(CFS)
Time of concentration =   14.14 min.
Rainfall intensity =     1.529(In/Hr)
Summary of stream data:

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


1       15.363     17.91                 1.365
2        2.011     14.11                 1.530
3        3.398     14.14                 1.529
Largest stream flow has longer time of concentration
Qp =     15.363 + sum of
        Qb         Ia/Ib
         2.011 *    0.892 =      1.793
        Qb         Ia/Ib
         3.398 *    0.893 =      3.034
Qp =     20.191

Total of 3 streams to confluence:
Flow rates before confluence point:
      15.363       2.011       3.398
Area of streams before confluence:
       14.710        1.760        2.980
Results of confluence:
Total flow rate =     20.191(CFS)
Time of concentration =    17.911 min.
Effective stream area after confluence =     19.450(Ac.)


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Process from Point/Station       43.000 to Point/Station       24.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   492.100(Ft.)
Downstream point/station elevation =   491.300(Ft.)
Pipe length  =   153.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    20.191(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    20.191(CFS)
Normal flow depth in pipe =   20.06(In.)
Flow top width inside pipe =   23.60(In.)
Critical Depth =   18.88(In.)
Pipe flow velocity =      6.38(Ft/s)
Travel time through pipe =    0.40 min.
Time of concentration (TC) =    18.31 min.


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Process from Point/Station       24.000 to Point/Station       24.000
**** CONFLUENCE OF MAIN STREAMS ****
________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =     19.450(Ac.)
Runoff from this stream =     20.191(CFS)
```

```
Time of concentration =   18.31 min.
Rainfall intensity =     1.350(In/Hr)
Program is now starting with Main Stream No. 2


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Process from Point/Station        1.000 to Point/Station        2.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   654.000(Ft.)
Top (of initial area) elevation =   507.700(Ft.)
Bottom (of initial area) elevation =   503.000(Ft.)
Difference in elevation =     4.700(Ft.)
Slope =    0.00719  s(percent)=       0.72
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   13.996 min.
Rainfall intensity =      1.536(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.746
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.438(CFS)
Total initial stream area =        3.000(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        2.000 to Point/Station        5.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   503.000(Ft.)
Downstream point/station elevation =   498.000(Ft.)
Pipe length  =    32.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.438(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.438(CFS)
Normal flow depth in pipe =    4.63(In.)
Flow top width inside pipe =    9.00(In.)
Critical depth could not be calculated.
Pipe flow velocity =     14.99(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    14.03 min.


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Process from Point/Station        5.000 to Point/Station        5.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      3.000(Ac.)
Runoff from this stream =      3.438(CFS)
Time of concentration =   14.03 min.
Rainfall intensity =     1.534(In/Hr)
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Process from Point/Station        3.000 to Point/Station        4.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________________
Initial area flow distance =   456.000(Ft.)
Top (of initial area) elevation =   506.600(Ft.)
Bottom (of initial area) elevation =   503.000(Ft.)
Difference in elevation =     3.600(Ft.)
Slope =    0.00789  s(percent)=       0.79
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.890 min.
Rainfall intensity =      1.661(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.754
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.605(CFS)
Total initial stream area =        2.080(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        4.000 to Point/Station        5.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =   503.000(Ft.)
Downstream point/station elevation =   498.000(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.605(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     2.605(CFS)
Normal flow depth in pipe =    4.78(In.)
Flow top width inside pipe =    4.83(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.53(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    11.91 min.


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Process from Point/Station        5.000 to Point/Station        5.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      2.080(Ac.)
Runoff from this stream =      2.605(CFS)
Time of concentration =   11.91 min.
Rainfall intensity =     1.660(In/Hr)
Summary of stream data:

Stream   Flow rate      TC            Rainfall Intensity
```

```
 No.       (CFS)       (min)                 (In/Hr)


1        3.438     14.03                 1.534
2        2.605     11.91                 1.660
Largest stream flow has longer time of concentration
Qp =      3.438 + sum of
        Qb         Ia/Ib
         2.605 *    0.924 =      2.408
Qp =      5.845

Total of 2 streams to confluence:
Flow rates before confluence point:
       3.438       2.605
Area of streams before confluence:
        3.000        2.080
Results of confluence:
Total flow rate =      5.845(CFS)
Time of concentration =    14.031 min.
Effective stream area after confluence =      5.080(Ac.)


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Process from Point/Station        5.000 to Point/Station       51.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.000(Ft.)
Downstream point/station elevation =   495.400(Ft.)
Pipe length  =   645.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.845(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =     5.845(CFS)
Normal flow depth in pipe =   13.05(In.)
Flow top width inside pipe =   16.07(In.)
Critical Depth =   11.21(In.)
Pipe flow velocity =      4.26(Ft/s)
Travel time through pipe =    2.53 min.
Time of concentration (TC) =    16.56 min.


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Process from Point/Station       51.000 to Point/Station       51.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      5.080(Ac.)
Runoff from this stream =      5.845(CFS)
Time of concentration =   16.56 min.
Rainfall intensity =     1.417(In/Hr)


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Process from Point/Station       49.000 to Point/Station       50.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   539.000(Ft.)
Top (of initial area) elevation =   507.800(Ft.)
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Bottom (of initial area) elevation =   502.700(Ft.)
Difference in elevation =     5.100(Ft.)
Slope =    0.00946  s(percent)=       0.95
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.260 min.
Rainfall intensity =      1.637(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.752
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.217(CFS)
Total initial stream area =        1.800(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       50.000 to Point/Station       51.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   502.700(Ft.)
Downstream point/station elevation =   495.400(Ft.)
Pipe length  =    48.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.217(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     2.217(CFS)
Normal flow depth in pipe =    3.64(In.)
Flow top width inside pipe =    8.83(In.)
Critical Depth =    8.01(In.)
Pipe flow velocity =     13.24(Ft/s)
Travel time through pipe =    0.06 min.
Time of concentration (TC) =    12.32 min.


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Process from Point/Station       51.000 to Point/Station       51.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.800(Ac.)
Runoff from this stream =      2.217(CFS)
Time of concentration =   12.32 min.
Rainfall intensity =     1.633(In/Hr)
Summary of stream data:

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


1        5.845     16.56                1.417
2        2.217     12.32                1.633
Largest stream flow has longer time of concentration
Qp =      5.845 + sum of
        Qb         Ia/Ib
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         2.217 *    0.868 =      1.924
Qp =      7.769

Total of 2 streams to confluence:
Flow rates before confluence point:
       5.845       2.217
Area of streams before confluence:
        5.080        1.800
Results of confluence:
Total flow rate =      7.769(CFS)
Time of concentration =    16.557 min.
Effective stream area after confluence =      6.880(Ac.)


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Process from Point/Station       51.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   495.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =   215.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     7.769(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =     7.769(CFS)
Normal flow depth in pipe =   14.25(In.)
Flow top width inside pipe =   19.62(In.)
Critical Depth =   12.39(In.)
Pipe flow velocity =      4.47(Ft/s)
Travel time through pipe =    0.80 min.
Time of concentration (TC) =    17.36 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      6.880(Ac.)
Runoff from this stream =      7.769(CFS)
Time of concentration =   17.36 min.
Rainfall intensity =     1.385(In/Hr)


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Process from Point/Station        7.000 to Point/Station        8.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   696.000(Ft.)
Top (of initial area) elevation =   507.800(Ft.)
Bottom (of initial area) elevation =   501.400(Ft.)
Difference in elevation =     6.400(Ft.)
Slope =    0.00920  s(percent)=       0.92
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   13.658 min.
Rainfall intensity =      1.554(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.747
```

```
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.694(CFS)
Total initial stream area =        2.320(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        8.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   501.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.694(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     2.694(CFS)
Normal flow depth in pipe =    3.76(In.)
Flow top width inside pipe =    8.88(In.)
Critical Depth =    8.46(In.)
Pipe flow velocity =     15.42(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    13.69 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      2.320(Ac.)
Runoff from this stream =      2.694(CFS)
Time of concentration =   13.69 min.
Rainfall intensity =     1.552(In/Hr)


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Process from Point/Station        9.000 to Point/Station       10.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   706.000(Ft.)
Top (of initial area) elevation =   506.600(Ft.)
Bottom (of initial area) elevation =   501.400(Ft.)
Difference in elevation =     5.200(Ft.)
Slope =    0.00737  s(percent)=       0.74
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.360 min.
Rainfall intensity =      1.517(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.745
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
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Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.678(CFS)
Total initial stream area =        2.370(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       10.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   501.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =    32.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     2.678(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     2.678(CFS)
Normal flow depth in pipe =    3.68(In.)
Flow top width inside pipe =    8.85(In.)
Critical Depth =    8.45(In.)
Pipe flow velocity =     15.75(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    14.39 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      2.370(Ac.)
Runoff from this stream =      2.678(CFS)
Time of concentration =   14.39 min.
Rainfall intensity =     1.516(In/Hr)
Summary of stream data:

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


1        7.769     17.36                1.385
2        2.694     13.69                1.552
3        2.678     14.39                1.516
Largest stream flow has longer time of concentration
Qp =      7.769 + sum of
        Qb         Ia/Ib
         2.694 *    0.892 =      2.404
        Qb         Ia/Ib
         2.678 *    0.914 =      2.448
Qp =     12.621

Total of 3 streams to confluence:
Flow rates before confluence point:
       7.769       2.694       2.678
Area of streams before confluence:
        6.880        2.320        2.370
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Results of confluence:
Total flow rate =     12.621(CFS)
Time of concentration =    17.359 min.
Effective stream area after confluence =     11.570(Ac.)


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Process from Point/Station        6.000 to Point/Station       11.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   494.600(Ft.)
Downstream point/station elevation =   493.600(Ft.)
Pipe length  =   244.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    12.621(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    12.621(CFS)
Normal flow depth in pipe =   17.34(In.)
Flow top width inside pipe =   21.49(In.)
Critical Depth =   15.32(In.)
Pipe flow velocity =      5.19(Ft/s)
Travel time through pipe =    0.78 min.
Time of concentration (TC) =    18.14 min.


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Process from Point/Station       11.000 to Point/Station       11.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     11.570(Ac.)
Runoff from this stream =     12.621(CFS)
Time of concentration =   18.14 min.
Rainfall intensity =     1.356(In/Hr)


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Process from Point/Station       12.000 to Point/Station       13.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   556.000(Ft.)
Top (of initial area) elevation =   505.300(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     5.000(Ft.)
Slope =    0.00899  s(percent)=       0.90
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.541 min.
Rainfall intensity =      1.619(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.751
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      1.910(CFS)
Total initial stream area =        1.570(Ac.)
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Pervious area fraction = 0.500

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Process from Point/Station       13.000 to Point/Station       11.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   500.300(Ft.)
Downstream point/station elevation =   493.600(Ft.)
Pipe length  =    36.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     1.910(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     1.910(CFS)
Normal flow depth in pipe =    4.02(In.)
Flow top width inside pipe =    5.64(In.)
Critical depth could not be calculated.
Pipe flow velocity =     13.66(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    12.58 min.


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Process from Point/Station       11.000 to Point/Station       11.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.570(Ac.)
Runoff from this stream =      1.910(CFS)
Time of concentration =   12.58 min.
Rainfall intensity =     1.617(In/Hr)
Summary of stream data:

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


1       12.621     18.14                 1.356
2        1.910     12.58                 1.617
Largest stream flow has longer time of concentration
Qp =     12.621 + sum of
        Qb         Ia/Ib
         1.910 *    0.839 =      1.602
Qp =     14.223

Total of 2 streams to confluence:
Flow rates before confluence point:
      12.621       1.910
Area of streams before confluence:
       11.570        1.570
Results of confluence:
Total flow rate =     14.223(CFS)
Time of concentration =    18.142 min.
Effective stream area after confluence =     13.140(Ac.)


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Process from Point/Station       11.000 to Point/Station       18.000
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**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =   493.600(Ft.)
Downstream point/station elevation =   492.600(Ft.)
Pipe length  =   239.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    14.223(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    14.223(CFS)
Normal flow depth in pipe =   19.08(In.)
Flow top width inside pipe =   19.38(In.)
Critical Depth =   16.29(In.)
Pipe flow velocity =      5.31(Ft/s)
Travel time through pipe =    0.75 min.
Time of concentration (TC) =    18.89 min.


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Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     13.140(Ac.)
Runoff from this stream =     14.223(CFS)
Time of concentration =   18.89 min.
Rainfall intensity =     1.330(In/Hr)


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Process from Point/Station       14.000 to Point/Station       15.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
Initial area flow distance =   525.000(Ft.)
Top (of initial area) elevation =   502.700(Ft.)
Bottom (of initial area) elevation =   499.000(Ft.)
Difference in elevation =     3.700(Ft.)
Slope =    0.00705  s(percent)=       0.70
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.868 min.
Rainfall intensity =      1.599(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.750
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      1.703(CFS)
Total initial stream area =        1.420(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       15.000 to Point/Station       18.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =   499.000(Ft.)
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Downstream point/station elevation =   492.600(Ft.)
Pipe length  =    23.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     1.703(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     1.703(CFS)
Normal flow depth in pipe =    3.26(In.)
Flow top width inside pipe =    5.98(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.60(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    12.89 min.


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Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.420(Ac.)
Runoff from this stream =      1.703(CFS)
Time of concentration =   12.89 min.
Rainfall intensity =     1.598(In/Hr)


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Process from Point/Station       16.000 to Point/Station       17.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   426.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   499.000(Ft.)
Difference in elevation =     3.800(Ft.)
Slope =    0.00892  s(percent)=       0.89
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.292 min.
Rainfall intensity =      1.703(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.756
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      0.837(CFS)
Total initial stream area =        0.650(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       17.000 to Point/Station       18.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   499.000(Ft.)
Downstream point/station elevation =   492.600(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     0.837(CFS)
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Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     0.837(CFS)
Normal flow depth in pipe =    2.43(In.)
Flow top width inside pipe =    5.89(In.)
Critical Depth =    5.41(In.)
Pipe flow velocity =     11.25(Ft/s)
Travel time through pipe =    0.05 min.
Time of concentration (TC) =    11.34 min.


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Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      0.650(Ac.)
Runoff from this stream =      0.837(CFS)
Time of concentration =   11.34 min.
Rainfall intensity =     1.699(In/Hr)
Summary of stream data:

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


1       14.223     18.89                 1.330
2        1.703     12.89                 1.598
3        0.837     11.34                 1.699
Largest stream flow has longer time of concentration
Qp =     14.223 + sum of
        Qb         Ia/Ib
         1.703 *    0.832 =      1.418
        Qb         Ia/Ib
         0.837 *    0.783 =      0.655
Qp =     16.296

Total of 3 streams to confluence:
Flow rates before confluence point:
      14.223       1.703       0.837
Area of streams before confluence:
       13.140        1.420        0.650
Results of confluence:
Total flow rate =     16.296(CFS)
Time of concentration =    18.893 min.
Effective stream area after confluence =     15.210(Ac.)


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Process from Point/Station       18.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   492.600(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =   166.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    16.296(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    16.296(CFS)
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Normal flow depth in pipe =   18.45(In.)
Flow top width inside pipe =   25.12(In.)
Critical Depth =   16.90(In.)
Pipe flow velocity =      5.63(Ft/s)
Travel time through pipe =    0.49 min.
Time of concentration (TC) =    19.38 min.


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Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     15.210(Ac.)
Runoff from this stream =     16.296(CFS)
Time of concentration =   19.38 min.
Rainfall intensity =     1.314(In/Hr)


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Process from Point/Station       19.000 to Point/Station       20.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   200.000(Ft.)
Top (of initial area) elevation =   499.700(Ft.)
Bottom (of initial area) elevation =   498.700(Ft.)
Difference in elevation =     1.000(Ft.)
Slope =    0.00500  s(percent)=       0.50
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.369 min.
Rainfall intensity =      1.863(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.765
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      0.869(CFS)
Total initial stream area =        0.610(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       20.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.700(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     0.869(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     0.869(CFS)
Normal flow depth in pipe =    2.44(In.)
Flow top width inside pipe =    5.89(In.)
Critical Depth =    5.47(In.)
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Pipe flow velocity =     11.62(Ft/s)
Travel time through pipe =    0.05 min.
Time of concentration (TC) =     9.42 min.


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Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      0.610(Ac.)
Runoff from this stream =      0.869(CFS)
Time of concentration =    9.42 min.
Rainfall intensity =     1.858(In/Hr)


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Process from Point/Station       21.000 to Point/Station       22.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   200.000(Ft.)
Top (of initial area) elevation =   499.700(Ft.)
Bottom (of initial area) elevation =   498.700(Ft.)
Difference in elevation =     1.000(Ft.)
Slope =    0.00500  s(percent)=       0.50
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.369 min.
Rainfall intensity =      1.863(In/Hr) for a    10.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.765
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      0.328(CFS)
Total initial stream area =        0.230(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       22.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.700(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     0.328(CFS)
Nearest computed pipe diameter  =      3.00(In.)
Calculated individual pipe flow  =     0.328(CFS)
Normal flow depth in pipe =    1.79(In.)
Flow top width inside pipe =    2.94(In.)
Critical depth could not be calculated.
Pipe flow velocity =     10.72(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =     9.40 min.
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Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      0.230(Ac.)
Runoff from this stream =      0.328(CFS)
Time of concentration =    9.40 min.
Rainfall intensity =     1.859(In/Hr)
Summary of stream data:

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


1       16.296     19.38                1.314
2        0.869      9.42                1.858
3        0.328      9.40                1.859
Largest stream flow has longer time of concentration
Qp =     16.296 + sum of
        Qb         Ia/Ib
         0.869 *    0.707 =      0.614
        Qb         Ia/Ib
         0.328 *    0.707 =      0.232
Qp =     17.142

Total of 3 streams to confluence:
Flow rates before confluence point:
      16.296       0.869       0.328
Area of streams before confluence:
       15.210        0.610        0.230
Results of confluence:
Total flow rate =     17.142(CFS)
Time of concentration =    19.384 min.
Effective stream area after confluence =     16.050(Ac.)


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Process from Point/Station       23.000 to Point/Station       24.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =   491.900(Ft.)
Downstream point/station elevation =   491.300(Ft.)
Pipe length  =   147.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    17.142(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    17.142(CFS)
Normal flow depth in pipe =   19.41(In.)
Flow top width inside pipe =   24.28(In.)
Critical Depth =   17.36(In.)
Pipe flow velocity =      5.60(Ft/s)
Travel time through pipe =    0.44 min.
Time of concentration (TC) =    19.82 min.
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Process from Point/Station       24.000 to Point/Station       24.000
**** CONFLUENCE OF MAIN STREAMS ****
______________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area =     16.050(Ac.)
Runoff from this stream =     17.142(CFS)
Time of concentration =   19.82 min.
Rainfall intensity =     1.300(In/Hr)
Summary of stream data:

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


1       20.191     18.31               1.350
2       17.142     19.82               1.300
Largest stream flow has longer or shorter time of concentration
Qp =     20.191 + sum of
        Qa          Tb/Ta
        17.142 *    0.924 =     15.836
Qp =     36.026

Total of 2 main streams to confluence:
Flow rates before confluence point:
      20.191      17.142
Area of streams before confluence:
       19.450       16.050


Results of confluence:
Total flow rate =     36.026(CFS)
Time of concentration =    18.311 min.
Effective stream area after confluence  =     35.500(Ac.)


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Process from Point/Station       24.000 to Point/Station       44.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   491.300(Ft.)
Downstream point/station elevation =   491.000(Ft.)
Pipe length  =    35.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    36.026(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    36.026(CFS)
Normal flow depth in pipe =   23.30(In.)
Flow top width inside pipe =   24.99(In.)
Critical Depth =   24.42(In.)
Pipe flow velocity =      8.80(Ft/s)
Travel time through pipe =    0.07 min.
Time of concentration (TC) =    18.38 min.


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Process from Point/Station       45.000 to Point/Station       46.000
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```
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
Initial area flow distance =  1306.000(Ft.)
Top (of initial area) elevation =   506.000(Ft.)
Bottom (of initial area) elevation =   502.000(Ft.)
Difference in elevation =     4.000(Ft.)
Slope =    0.00306  s(percent)=       0.31
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   16.837 min.
Rainfall intensity =      1.406(In/Hr) for a    10.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.867
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.100; Impervious fraction =  0.900
Initial subarea runoff =      2.195(CFS)
Total initial stream area =        1.800(Ac.)
Pervious area fraction = 0.100


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Process from Point/Station       47.000 to Point/Station       48.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
Initial area flow distance =  1236.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   499.400(Ft.)
Difference in elevation =     3.400(Ft.)
Slope =    0.00275  s(percent)=       0.28
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   16.828 min.
Rainfall intensity =      1.406(In/Hr) for a    10.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.867
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2)  =  62.50
Pervious area fraction =  0.100; Impervious fraction =  0.900
Initial subarea runoff =      1.708(CFS)
Total initial stream area =        1.400(Ac.)
Pervious area fraction = 0.100
End of computations, total study area =           38.70 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.467
Area averaged RI index number =  62.5
```

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
Rational Hydrology Study Date: 10/20/20 File:tr37881post100.out

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Tract 37881 Rational Hydrology
Proposed condition
100yr-1 hr

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

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

Program License Serial Number 6194

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

Storm event (year) = 100.00 Antecedent Moisture Condition = 3

2 year, 1 hour precipitation = 0.480(In.)
100 year, 1 hour precipitation = 1.170(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.170(In/Hr)
Slope of intensity duration curve = 0.4800

++
Process from Point/Station 25.000 to Point/Station 26.000
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 917.000(Ft.)
Top (of initial area) elevation = 507.700(Ft.)
Bottom (of initial area) elevation = 502.200(Ft.)
Difference in elevation = 5.500(Ft.)
Slope = 0.00600 s(percent)= 0.60
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 16.612 min.
Rainfall intensity = 2.167(In/Hr) for a 100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.840
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000

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RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      6.135(CFS)
Total initial stream area =        3.370(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       26.000 to Point/Station       29.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   502.200(Ft.)
Downstream point/station elevation =   497.000(Ft.)
Pipe length  =    31.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     6.135(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     6.135(CFS)
Normal flow depth in pipe =    6.71(In.)
Flow top width inside pipe =    7.83(In.)
Critical depth could not be calculated.
Pipe flow velocity =     17.37(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    16.64 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       29.000 to Point/Station       29.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =      3.370(Ac.)
Runoff from this stream =      6.135(CFS)
Time of concentration =   16.64 min.
Rainfall intensity =     2.165(In/Hr)


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Process from Point/Station       27.000 to Point/Station       28.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   722.000(Ft.)
Top (of initial area) elevation =   506.200(Ft.)
Bottom (of initial area) elevation =   502.200(Ft.)
Difference in elevation =     4.000(Ft.)
Slope =    0.00554  s(percent)=       0.55
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   15.338 min.
Rainfall intensity =      2.252(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.842
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      8.437(CFS)
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Total initial stream area =        4.450(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       28.000 to Point/Station       29.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   502.200(Ft.)
Downstream point/station elevation =   497.000(Ft.)
Pipe length  =    23.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     8.437(CFS)
Nearest computed pipe diameter  =     12.00(In.)
Calculated individual pipe flow  =     8.437(CFS)
Normal flow depth in pipe =    5.99(In.)
Flow top width inside pipe =   12.00(In.)
Critical depth could not be calculated.
Pipe flow velocity =     21.55(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    15.36 min.


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Process from Point/Station       29.000 to Point/Station       29.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =      4.450(Ac.)
Runoff from this stream =      8.437(CFS)
Time of concentration =   15.36 min.
Rainfall intensity =     2.251(In/Hr)
Summary of stream data:

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


1        6.135     16.64                 2.165
2        8.437     15.36                 2.251
Largest stream flow has longer or shorter time of concentration
Qp =      8.437 + sum of
        Qa          Tb/Ta
         6.135 *    0.923 =      5.661
Qp =     14.098

Total of 2 streams to confluence:
Flow rates before confluence point:
       6.135       8.437
Area of streams before confluence:
        3.370        4.450
Results of confluence:
Total flow rate =     14.098(CFS)
Time of concentration =    15.356 min.
Effective stream area after confluence =      7.820(Ac.)


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Process from Point/Station       29.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
------------------------------------------------------------------------
Upstream point/station elevation =   497.000(Ft.)
Downstream point/station elevation =   494.000(Ft.)
Pipe length  =   528.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    14.098(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    14.098(CFS)
Normal flow depth in pipe =   16.64(In.)
Flow top width inside pipe =   22.13(In.)
Critical Depth =   16.22(In.)
Pipe flow velocity =      6.07(Ft/s)
Travel time through pipe =    1.45 min.
Time of concentration (TC) =    16.81 min.


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Process from Point/Station       30.000 to Point/Station       30.000
**** CONFLUENCE OF MAIN STREAMS ****
------------------------------------------------------------------------
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =      7.820(Ac.)
Runoff from this stream =     14.098(CFS)
Time of concentration =   16.81 min.
Rainfall intensity =     2.155(In/Hr)
Program is now starting with Main Stream No. 2


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Process from Point/Station       31.000 to Point/Station       32.000
**** INITIAL AREA EVALUATION ****
------------------------------------------------------------------------
Initial area flow distance =   591.000(Ft.)
Top (of initial area) elevation =   507.200(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     6.900(Ft.)
Slope =    0.01168  s(percent)=       1.17
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.197 min.
Rainfall intensity =      2.514(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.847
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.899(CFS)
Total initial stream area =        2.300(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       32.000 to Point/Station       35.000
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**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =   500.300(Ft.)
Downstream point/station elevation =   495.000(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.899(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.899(CFS)
Normal flow depth in pipe =    5.81(In.)
Flow top width inside pipe =    8.61(In.)
Critical depth could not be calculated.
Pipe flow velocity =     16.22(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    12.23 min.


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Process from Point/Station       35.000 to Point/Station       35.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      2.300(Ac.)
Runoff from this stream =      4.899(CFS)
Time of concentration =   12.23 min.
Rainfall intensity =     2.510(In/Hr)


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Process from Point/Station       33.000 to Point/Station       34.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________
Initial area flow distance =   591.000(Ft.)
Top (of initial area) elevation =   507.200(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     6.900(Ft.)
Slope =    0.01168  s(percent)=       1.17
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.197 min.
Rainfall intensity =      2.514(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.847
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.089(CFS)
Total initial stream area =        1.920(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       34.000 to Point/Station       35.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =   500.300(Ft.)
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Downstream point/station elevation =   495.000(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.089(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.089(CFS)
Normal flow depth in pipe =    4.52(In.)
Flow top width inside pipe =    9.00(In.)
Critical depth could not be calculated.
Pipe flow velocity =     18.41(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    12.22 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       35.000 to Point/Station       35.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.920(Ac.)
Runoff from this stream =      4.089(CFS)
Time of concentration =   12.22 min.
Rainfall intensity =     2.512(In/Hr)
Summary of stream data:

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


1        4.899     12.23                2.510
2        4.089     12.22                2.512
Largest stream flow has longer time of concentration
Qp =      4.899 + sum of
        Qb         Ia/Ib
         4.089 *    0.999 =      4.087
Qp =      8.985

Total of 2 streams to confluence:
Flow rates before confluence point:
       4.899       4.089
Area of streams before confluence:
        2.300        1.920
Results of confluence:
Total flow rate =      8.985(CFS)
Time of concentration =    12.232 min.
Effective stream area after confluence =      4.220(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       35.000 to Point/Station       30.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   495.000(Ft.)
Downstream point/station elevation =   494.000(Ft.)
Pipe length  =    81.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     8.985(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =     8.985(CFS)
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Normal flow depth in pipe =   11.85(In.)
Flow top width inside pipe =   17.08(In.)
Critical Depth =   13.91(In.)
Pipe flow velocity =      7.29(Ft/s)
Travel time through pipe =    0.19 min.
Time of concentration (TC) =    12.42 min.


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Process from Point/Station       30.000 to Point/Station       30.000
**** CONFLUENCE OF MAIN STREAMS ****
________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area =      4.220(Ac.)
Runoff from this stream =      8.985(CFS)
Time of concentration =   12.42 min.
Rainfall intensity =     2.492(In/Hr)
Summary of stream data:

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


1       14.098     16.81               2.155
2        8.985     12.42               2.492
Largest stream flow has longer time of concentration
Qp =     14.098 + sum of
        Qb         Ia/Ib
         8.985 *    0.865 =      7.770
Qp =     21.868

Total of 2 main streams to confluence:
Flow rates before confluence point:
      14.098       8.985
Area of streams before confluence:
        7.820        4.220


Results of confluence:
Total flow rate =     21.868(CFS)
Time of concentration =    16.807 min.
Effective stream area after confluence  =     12.040(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       30.000 to Point/Station       38.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   494.000(Ft.)
Downstream point/station elevation =   493.000(Ft.)
Pipe length  =   176.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    21.868(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    21.868(CFS)
Normal flow depth in pipe =   20.72(In.)
Flow top width inside pipe =   22.82(In.)
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Critical Depth =   19.64(In.)
Pipe flow velocity =      6.67(Ft/s)
Travel time through pipe =    0.44 min.
Time of concentration (TC) =    17.25 min.


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Process from Point/Station       38.000 to Point/Station       38.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     12.040(Ac.)
Runoff from this stream =     21.868(CFS)
Time of concentration =   17.25 min.
Rainfall intensity =     2.129(In/Hr)


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Process from Point/Station       36.000 to Point/Station       37.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   528.000(Ft.)
Top (of initial area) elevation =   505.400(Ft.)
Bottom (of initial area) elevation =   499.500(Ft.)
Difference in elevation =     5.900(Ft.)
Slope =    0.01117  s(percent)=       1.12
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.762 min.
Rainfall intensity =      2.558(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.848
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      5.792(CFS)
Total initial stream area =        2.670(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       37.000 to Point/Station       38.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   499.500(Ft.)
Downstream point/station elevation =   493.000(Ft.)
Pipe length  =    35.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.792(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     5.792(CFS)
Normal flow depth in pipe =    6.16(In.)
Flow top width inside pipe =    8.37(In.)
Critical depth could not be calculated.
Pipe flow velocity =     17.98(Ft/s)
Travel time through pipe =    0.03 min.
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Time of concentration (TC) =    11.79 min.


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Process from Point/Station       38.000 to Point/Station       38.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =      2.670(Ac.)
Runoff from this stream =      5.792(CFS)
Time of concentration =   11.79 min.
Rainfall intensity =     2.554(In/Hr)
Summary of stream data:

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


1       21.868     17.25                2.129
2        5.792     11.79                2.554
Largest stream flow has longer time of concentration
Qp =     21.868 + sum of
        Qb         Ia/Ib
         5.792 *    0.833 =      4.826
Qp =     26.695

Total of 2 streams to confluence:
Flow rates before confluence point:
      21.868       5.792
Area of streams before confluence:
       12.040        2.670
Results of confluence:
Total flow rate =     26.695(CFS)
Time of concentration =    17.246 min.
Effective stream area after confluence =     14.710(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       38.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   493.000(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =   153.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    26.695(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    26.695(CFS)
Normal flow depth in pipe =   21.23(In.)
Flow top width inside pipe =   27.29(In.)
Critical Depth =   21.12(In.)
Pipe flow velocity =      7.19(Ft/s)
Travel time through pipe =    0.35 min.
Time of concentration (TC) =    17.60 min.


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Process from Point/Station       43.000 to Point/Station       43.000
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**** CONFLUENCE OF MINOR STREAMS ****
____________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =     14.710(Ac.)
Runoff from this stream =     26.695(CFS)
Time of concentration =   17.60 min.
Rainfall intensity =     2.108(In/Hr)


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Process from Point/Station       39.000 to Point/Station       40.000
**** INITIAL AREA EVALUATION ****
____________________________________________________________________
Initial area flow distance =   620.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   498.900(Ft.)
Difference in elevation =     3.900(Ft.)
Slope =    0.00629  s(percent)=       0.63
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.070 min.
Rainfall intensity =      2.347(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.844
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.487(CFS)
Total initial stream area =        1.760(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       40.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
____________________________________________________________________
Upstream point/station elevation =   498.900(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.487(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.487(CFS)
Normal flow depth in pipe =    4.35(In.)
Flow top width inside pipe =    8.99(In.)
Critical depth could not be calculated.
Pipe flow velocity =     16.50(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    14.10 min.


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Process from Point/Station       43.000 to Point/Station       43.000
**** CONFLUENCE OF MINOR STREAMS ****
____________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
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Stream flow area =      1.760(Ac.)
Runoff from this stream =      3.487(CFS)
Time of concentration =   14.10 min.
Rainfall intensity =     2.344(In/Hr)


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Process from Point/Station       41.000 to Point/Station       42.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   736.000(Ft.)
Top (of initial area) elevation =   505.300(Ft.)
Bottom (of initial area) elevation =   498.900(Ft.)
Difference in elevation =     6.400(Ft.)
Slope =    0.00870  s(percent)=       0.87
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.124 min.
Rainfall intensity =      2.343(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.844
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      5.892(CFS)
Total initial stream area =        2.980(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       42.000 to Point/Station       43.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.900(Ft.)
Downstream point/station elevation =   492.100(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.892(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     5.892(CFS)
Normal flow depth in pipe =    5.24(In.)
Flow top width inside pipe =    8.88(In.)
Critical depth could not be calculated.
Pipe flow velocity =     22.09(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    14.14 min.


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Process from Point/Station       43.000 to Point/Station       43.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 3
Stream flow area =      2.980(Ac.)
Runoff from this stream =      5.892(CFS)
Time of concentration =   14.14 min.
```

```
Rainfall intensity =     2.341(In/Hr)
Summary of stream data:

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


1       26.695     17.60                 2.108
2        3.487     14.10                 2.344
3        5.892     14.14                 2.341
Largest stream flow has longer time of concentration
Qp =     26.695 + sum of
        Qb         Ia/Ib
         3.487 *    0.899 =      3.135
        Qb         Ia/Ib
         5.892 *    0.900 =      5.304
Qp =     35.134

Total of 3 streams to confluence:
Flow rates before confluence point:
      26.695       3.487       5.892
Area of streams before confluence:
       14.710        1.760        2.980
Results of confluence:
Total flow rate =     35.134(CFS)
Time of concentration =    17.601 min.
Effective stream area after confluence =     19.450(Ac.)


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Process from Point/Station       43.000 to Point/Station       24.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   492.100(Ft.)
Downstream point/station elevation =   491.300(Ft.)
Pipe length  =   153.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    35.134(CFS)
Nearest computed pipe diameter  =     33.00(In.)
Calculated individual pipe flow  =    35.134(CFS)
Normal flow depth in pipe =   24.89(In.)
Flow top width inside pipe =   28.41(In.)
Critical Depth =   23.69(In.)
Pipe flow velocity =      7.30(Ft/s)
Travel time through pipe =    0.35 min.
Time of concentration (TC) =    17.95 min.


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Process from Point/Station       24.000 to Point/Station       24.000
**** CONFLUENCE OF MAIN STREAMS ****
________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =     19.450(Ac.)
Runoff from this stream =     35.134(CFS)
Time of concentration =   17.95 min.
Rainfall intensity =     2.088(In/Hr)
```

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Program is now starting with Main Stream No. 2


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Process from Point/Station        1.000 to Point/Station        2.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   654.000(Ft.)
Top (of initial area) elevation =   507.700(Ft.)
Bottom (of initial area) elevation =   503.000(Ft.)
Difference in elevation =     4.700(Ft.)
Slope =    0.00719  s(percent)=       0.72
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   13.996 min.
Rainfall intensity =      2.353(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.844
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      5.959(CFS)
Total initial stream area =        3.000(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        2.000 to Point/Station        5.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   503.000(Ft.)
Downstream point/station elevation =   498.000(Ft.)
Pipe length  =    32.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.959(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     5.959(CFS)
Normal flow depth in pipe =    6.75(In.)
Flow top width inside pipe =    7.79(In.)
Critical depth could not be calculated.
Pipe flow velocity =     16.78(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    14.03 min.


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Process from Point/Station        5.000 to Point/Station        5.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      3.000(Ac.)
Runoff from this stream =      5.959(CFS)
Time of concentration =   14.03 min.
Rainfall intensity =     2.350(In/Hr)
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Process from Point/Station        3.000 to Point/Station        4.000
**** INITIAL AREA EVALUATION ****
_____________________________________________________________________________
Initial area flow distance =   456.000(Ft.)
Top (of initial area) elevation =   506.600(Ft.)
Bottom (of initial area) elevation =   503.000(Ft.)
Difference in elevation =     3.600(Ft.)
Slope =    0.00789  s(percent)=       0.79
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.890 min.
Rainfall intensity =      2.545(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.848
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.488(CFS)
Total initial stream area =        2.080(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        4.000 to Point/Station        5.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________________
Upstream point/station elevation =   503.000(Ft.)
Downstream point/station elevation =   498.000(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.488(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.488(CFS)
Normal flow depth in pipe =    4.86(In.)
Flow top width inside pipe =    8.97(In.)
Critical depth could not be calculated.
Pipe flow velocity =     18.43(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    11.91 min.


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Process from Point/Station        5.000 to Point/Station        5.000
**** CONFLUENCE OF MINOR STREAMS ****
_____________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      2.080(Ac.)
Runoff from this stream =      4.488(CFS)
Time of concentration =   11.91 min.
Rainfall intensity =     2.543(In/Hr)
Summary of stream data:

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

```
1        5.959     14.03                 2.350
2        4.488     11.91                 2.543
Largest stream flow has longer time of concentration
Qp =      5.959 + sum of
        Qb         Ia/Ib
         4.488 *    0.924 =      4.149
Qp =     10.107

Total of 2 streams to confluence:
Flow rates before confluence point:
       5.959       4.488
Area of streams before confluence:
        3.000        2.080
Results of confluence:
Total flow rate =     10.107(CFS)
Time of concentration =    14.027 min.
Effective stream area after confluence =      5.080(Ac.)


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Process from Point/Station        5.000 to Point/Station       51.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.000(Ft.)
Downstream point/station elevation =   495.400(Ft.)
Pipe length  =   645.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    10.107(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =    10.107(CFS)
Normal flow depth in pipe =   17.30(In.)
Flow top width inside pipe =   16.01(In.)
Critical Depth =   14.21(In.)
Pipe flow velocity =      4.77(Ft/s)
Travel time through pipe =    2.25 min.
Time of concentration (TC) =    16.28 min.


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Process from Point/Station       51.000 to Point/Station       51.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      5.080(Ac.)
Runoff from this stream =     10.107(CFS)
Time of concentration =   16.28 min.
Rainfall intensity =     2.188(In/Hr)


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Process from Point/Station       49.000 to Point/Station       50.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   539.000(Ft.)
Top (of initial area) elevation =   507.800(Ft.)
Bottom (of initial area) elevation =   502.700(Ft.)
Difference in elevation =     5.100(Ft.)
```

```
Slope =    0.00946  s(percent)=       0.95
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.260 min.
Rainfall intensity =      2.507(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.847
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.824(CFS)
Total initial stream area =        1.800(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       50.000 to Point/Station       51.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   502.700(Ft.)
Downstream point/station elevation =   495.400(Ft.)
Pipe length  =    48.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.824(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.824(CFS)
Normal flow depth in pipe =    4.99(In.)
Flow top width inside pipe =    8.95(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.22(Ft/s)
Travel time through pipe =    0.05 min.
Time of concentration (TC) =    12.31 min.


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Process from Point/Station       51.000 to Point/Station       51.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.800(Ac.)
Runoff from this stream =      3.824(CFS)
Time of concentration =   12.31 min.
Rainfall intensity =     2.502(In/Hr)
Summary of stream data:

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


1       10.107     16.28                2.188
2        3.824     12.31                2.502
Largest stream flow has longer time of concentration
Qp =     10.107 + sum of
        Qb         Ia/Ib
         3.824 *    0.874 =      3.344
Qp =     13.451
```

```
Total of 2 streams to confluence:
Flow rates before confluence point:
      10.107       3.824
Area of streams before confluence:
        5.080        1.800
Results of confluence:
Total flow rate =     13.451(CFS)
Time of concentration =    16.282 min.
Effective stream area after confluence =      6.880(Ac.)


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Process from Point/Station       51.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   495.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =   215.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    13.451(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    13.451(CFS)
Normal flow depth in pipe =   19.15(In.)
Flow top width inside pipe =   19.28(In.)
Critical Depth =   15.84(In.)
Pipe flow velocity =      5.01(Ft/s)
Travel time through pipe =    0.72 min.
Time of concentration (TC) =    17.00 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =      6.880(Ac.)
Runoff from this stream =     13.451(CFS)
Time of concentration =   17.00 min.
Rainfall intensity =     2.143(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        7.000 to Point/Station        8.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   696.000(Ft.)
Top (of initial area) elevation =   507.800(Ft.)
Bottom (of initial area) elevation =   501.400(Ft.)
Difference in elevation =     6.400(Ft.)
Slope =    0.00920  s(percent)=       0.92
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   13.658 min.
Rainfall intensity =      2.381(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.845
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
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Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.666(CFS)
Total initial stream area =        2.320(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station        8.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   501.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.666(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.666(CFS)
Normal flow depth in pipe =    5.19(In.)
Flow top width inside pipe =    8.89(In.)
Critical depth could not be calculated.
Pipe flow velocity =     17.71(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    13.69 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      2.320(Ac.)
Runoff from this stream =      4.666(CFS)
Time of concentration =   13.69 min.
Rainfall intensity =     2.378(In/Hr)


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Process from Point/Station        9.000 to Point/Station       10.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   706.000(Ft.)
Top (of initial area) elevation =   506.600(Ft.)
Bottom (of initial area) elevation =   501.400(Ft.)
Difference in elevation =     5.200(Ft.)
Slope =    0.00737  s(percent)=       0.74
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   14.360 min.
Rainfall intensity =      2.324(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.844
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
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Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      4.647(CFS)
Total initial stream area =        2.370(Ac.)
Pervious area fraction = 0.500


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Process from Point/Station       10.000 to Point/Station        6.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   501.400(Ft.)
Downstream point/station elevation =   494.600(Ft.)
Pipe length  =    32.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     4.647(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     4.647(CFS)
Normal flow depth in pipe =    5.07(In.)
Flow top width inside pipe =    8.93(In.)
Critical depth could not be calculated.
Pipe flow velocity =     18.11(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =    14.39 min.


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Process from Point/Station        6.000 to Point/Station        6.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      2.370(Ac.)
Runoff from this stream =      4.647(CFS)
Time of concentration =   14.39 min.
Rainfall intensity =     2.322(In/Hr)
Summary of stream data:

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


1       13.451     17.00                2.143
2        4.666     13.69                2.378
3        4.647     14.39                2.322
Largest stream flow has longer time of concentration
Qp =     13.451 + sum of
        Qb         Ia/Ib
         4.666 *    0.901 =      4.205
        Qb         Ia/Ib
         4.647 *    0.923 =      4.289
Qp =     21.946

Total of 3 streams to confluence:
Flow rates before confluence point:
      13.451       4.666       4.647
Area of streams before confluence:
        6.880        2.320        2.370
Results of confluence:
Total flow rate =     21.946(CFS)
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Time of concentration =    16.998 min.
Effective stream area after confluence =     11.570(Ac.)


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Process from Point/Station        6.000 to Point/Station       11.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   494.600(Ft.)
Downstream point/station elevation =   493.600(Ft.)
Pipe length  =   244.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    21.946(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    21.946(CFS)
Normal flow depth in pipe =   20.98(In.)
Flow top width inside pipe =   27.52(In.)
Critical Depth =   19.10(In.)
Pipe flow velocity =      5.99(Ft/s)
Travel time through pipe =    0.68 min.
Time of concentration (TC) =    17.68 min.


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Process from Point/Station       11.000 to Point/Station       11.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     11.570(Ac.)
Runoff from this stream =     21.946(CFS)
Time of concentration =   17.68 min.
Rainfall intensity =     2.103(In/Hr)


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Process from Point/Station       12.000 to Point/Station       13.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   556.000(Ft.)
Top (of initial area) elevation =   505.300(Ft.)
Bottom (of initial area) elevation =   500.300(Ft.)
Difference in elevation =     5.000(Ft.)
Slope =    0.00899  s(percent)=       0.90
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.541 min.
Rainfall intensity =      2.480(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.847
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      3.297(CFS)
Total initial stream area =        1.570(Ac.)
Pervious area fraction = 0.500
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Process from Point/Station       13.000 to Point/Station       11.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   500.300(Ft.)
Downstream point/station elevation =   493.600(Ft.)
Pipe length  =    36.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     3.297(CFS)
Nearest computed pipe diameter  =      9.00(In.)
Calculated individual pipe flow  =     3.297(CFS)
Normal flow depth in pipe =    4.29(In.)
Flow top width inside pipe =    8.99(In.)
Critical depth could not be calculated.
Pipe flow velocity =     15.83(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    12.58 min.


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Process from Point/Station       11.000 to Point/Station       11.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.570(Ac.)
Runoff from this stream =      3.297(CFS)
Time of concentration =   12.58 min.
Rainfall intensity =     2.477(In/Hr)
Summary of stream data:

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


1       21.946     17.68                2.103
2        3.297     12.58                2.477
Largest stream flow has longer time of concentration
Qp =     21.946 + sum of
        Qb         Ia/Ib
         3.297 *    0.849 =      2.800
Qp =     24.746

Total of 2 streams to confluence:
Flow rates before confluence point:
      21.946       3.297
Area of streams before confluence:
       11.570        1.570
Results of confluence:
Total flow rate =     24.746(CFS)
Time of concentration =    17.677 min.
Effective stream area after confluence =     13.140(Ac.)


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Process from Point/Station       11.000 to Point/Station       18.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
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Upstream point/station elevation =   493.600(Ft.)
Downstream point/station elevation =   492.600(Ft.)
Pipe length  =   239.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    24.746(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    24.746(CFS)
Normal flow depth in pipe =   22.97(In.)
Flow top width inside pipe =   25.42(In.)
Critical Depth =   20.32(In.)
Pipe flow velocity =      6.14(Ft/s)
Travel time through pipe =    0.65 min.
Time of concentration (TC) =    18.33 min.


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Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     13.140(Ac.)
Runoff from this stream =     24.746(CFS)
Time of concentration =   18.33 min.
Rainfall intensity =     2.067(In/Hr)


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Process from Point/Station       14.000 to Point/Station       15.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   525.000(Ft.)
Top (of initial area) elevation =   502.700(Ft.)
Bottom (of initial area) elevation =   499.000(Ft.)
Difference in elevation =     3.700(Ft.)
Slope =    0.00705  s(percent)=       0.70
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   12.868 min.
Rainfall intensity =      2.450(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.846
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      2.943(CFS)
Total initial stream area =        1.420(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       15.000 to Point/Station       18.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   499.000(Ft.)
Downstream point/station elevation =   492.600(Ft.)
Pipe length  =    23.00(Ft.)   Manning's N = 0.013
```

```
No. of pipes = 1  Required pipe flow  =     2.943(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     2.943(CFS)
Normal flow depth in pipe =    4.89(In.)
Flow top width inside pipe =    4.66(In.)
Critical depth could not be calculated.
Pipe flow velocity =     17.19(Ft/s)
Travel time through pipe =    0.02 min.
Time of concentration (TC) =    12.89 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      1.420(Ac.)
Runoff from this stream =      2.943(CFS)
Time of concentration =   12.89 min.
Rainfall intensity =     2.448(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       16.000 to Point/Station       17.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   426.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   499.000(Ft.)
Difference in elevation =     3.800(Ft.)
Slope =    0.00892  s(percent)=       0.89
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   11.292 min.
Rainfall intensity =      2.608(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.849
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      1.439(CFS)
Total initial stream area =        0.650(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       17.000 to Point/Station       18.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   499.000(Ft.)
Downstream point/station elevation =   492.600(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     1.439(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     1.439(CFS)
```

```
Normal flow depth in pipe =    3.32(In.)
Flow top width inside pipe =    5.97(In.)
Critical depth could not be calculated.
Pipe flow velocity =     12.91(Ft/s)
Travel time through pipe =    0.04 min.
Time of concentration (TC) =    11.34 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       18.000 to Point/Station       18.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      0.650(Ac.)
Runoff from this stream =      1.439(CFS)
Time of concentration =   11.34 min.
Rainfall intensity =     2.604(In/Hr)
Summary of stream data:

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


1       24.746     18.33                2.067
2        2.943     12.89                2.448
3        1.439     11.34                2.604
Largest stream flow has longer time of concentration
Qp =     24.746 + sum of
        Qb         Ia/Ib
         2.943 *    0.845 =      2.486
        Qb         Ia/Ib
         1.439 *    0.794 =      1.143
Qp =     28.375

Total of 3 streams to confluence:
Flow rates before confluence point:
      24.746       2.943       1.439
Area of streams before confluence:
       13.140        1.420        0.650
Results of confluence:
Total flow rate =     28.375(CFS)
Time of concentration =    18.326 min.
Effective stream area after confluence =     15.210(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       18.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   492.600(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =   166.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    28.375(CFS)
Nearest computed pipe diameter  =     30.00(In.)
Calculated individual pipe flow  =    28.375(CFS)
Normal flow depth in pipe =   27.00(In.)
Flow top width inside pipe =   18.00(In.)
```

```
Critical Depth =   21.80(In.)
Pipe flow velocity =      6.10(Ft/s)
Travel time through pipe =    0.45 min.
Time of concentration (TC) =    18.78 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 2 in normal stream number 1
Stream flow area =     15.210(Ac.)
Runoff from this stream =     28.375(CFS)
Time of concentration =   18.78 min.
Rainfall intensity =     2.043(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       19.000 to Point/Station       20.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   200.000(Ft.)
Top (of initial area) elevation =   499.700(Ft.)
Bottom (of initial area) elevation =   498.700(Ft.)
Difference in elevation =     1.000(Ft.)
Slope =    0.00500  s(percent)=       0.50
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.369 min.
Rainfall intensity =      2.853(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.853
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      1.484(CFS)
Total initial stream area =        0.610(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       20.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   498.700(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =    34.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     1.484(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     1.484(CFS)
Normal flow depth in pipe =    3.32(In.)
Flow top width inside pipe =    5.97(In.)
Critical depth could not be calculated.
Pipe flow velocity =     13.32(Ft/s)
Travel time through pipe =    0.04 min.
```

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Time of concentration (TC) =     9.41 min.


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Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 2
Stream flow area =      0.610(Ac.)
Runoff from this stream =      1.484(CFS)
Time of concentration =    9.41 min.
Rainfall intensity =     2.847(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       21.000 to Point/Station       22.000
**** INITIAL AREA EVALUATION ****
______________________________________________________________________________
Initial area flow distance =   200.000(Ft.)
Top (of initial area) elevation =   499.700(Ft.)
Bottom (of initial area) elevation =   498.700(Ft.)
Difference in elevation =     1.000(Ft.)
Slope =    0.00500  s(percent)=       0.50
TC = k(0.390)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    9.369 min.
Rainfall intensity =      2.853(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1/4 Acre Lot)
Runoff Coefficient = 0.853
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.500; Impervious fraction =  0.500
Initial subarea runoff =      0.560(CFS)
Total initial stream area =        0.230(Ac.)
Pervious area fraction = 0.500


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       22.000 to Point/Station       23.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   498.700(Ft.)
Downstream point/station elevation =   491.900(Ft.)
Pipe length  =    22.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     0.560(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     0.560(CFS)
Normal flow depth in pipe =    1.72(In.)
Flow top width inside pipe =    5.43(In.)
Critical Depth =    4.57(In.)
Pipe flow velocity =     12.03(Ft/s)
Travel time through pipe =    0.03 min.
Time of concentration (TC) =     9.40 min.
```

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Process from Point/Station       23.000 to Point/Station       23.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 2 in normal stream number 3
Stream flow area =      0.230(Ac.)
Runoff from this stream =      0.560(CFS)
Time of concentration =    9.40 min.
Rainfall intensity =     2.848(In/Hr)
Summary of stream data:

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


1       28.375     18.78                 2.043
2        1.484      9.41                 2.847
3        0.560      9.40                 2.848
Largest stream flow has longer time of concentration
Qp =     28.375 + sum of
        Qb         Ia/Ib
         1.484 *    0.718 =      1.065
        Qb         Ia/Ib
         0.560 *    0.717 =      0.401
Qp =     29.842

Total of 3 streams to confluence:
Flow rates before confluence point:
      28.375       1.484       0.560
Area of streams before confluence:
       15.210        0.610        0.230
Results of confluence:
Total flow rate =     29.842(CFS)
Time of concentration =    18.779 min.
Effective stream area after confluence =     16.050(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       23.000 to Point/Station       24.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   491.900(Ft.)
Downstream point/station elevation =   491.300(Ft.)
Pipe length  =   147.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    29.842(CFS)
Nearest computed pipe diameter  =     33.00(In.)
Calculated individual pipe flow  =    29.842(CFS)
Normal flow depth in pipe =   24.09(In.)
Flow top width inside pipe =   29.30(In.)
Critical Depth =   21.79(In.)
Pipe flow velocity =      6.42(Ft/s)
Travel time through pipe =    0.38 min.
Time of concentration (TC) =    19.16 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station       24.000 to Point/Station       24.000
```

**** CONFLUENCE OF MAIN STREAMS ****

The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area = 16.050(Ac.)
Runoff from this stream = 29.842(CFS)
Time of concentration = 19.16 min.
Rainfall intensity = 2.024(In/Hr)
Summary of stream data:

Stream No.	Flow rate (CFS)	TC (min)	Rainfall Intensity (In/Hr)
1	35.134	17.95	2.088
2	29.842	19.16	2.024

Largest stream flow has longer or shorter time of concentration
Qp = 35.134 + sum of

Qa	Tb/Ta	
29.842 *	0.937 =	27.956

Qp = 63.090

Total of 2 main streams to confluence:
Flow rates before confluence point:
35.134 29.842
Area of streams before confluence:
19.450 16.050

Results of confluence:
Total flow rate = 63.090(CFS)
Time of concentration = 17.950 min.
Effective stream area after confluence = 35.500(Ac.)

++
Process from Point/Station 24.000 to Point/Station 44.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****

Upstream point/station elevation = 491.300(Ft.)
Downstream point/station elevation = 491.000(Ft.)
Pipe length = 35.00(Ft.) Manning's N = 0.013
No. of pipes = 1 Required pipe flow = 63.090(CFS)
Nearest computed pipe diameter = 36.00(In.)
Calculated individual pipe flow = 63.090(CFS)
Normal flow depth in pipe = 30.28(In.)
Flow top width inside pipe = 26.32(In.)
Critical Depth = 30.66(In.)
Pipe flow velocity = 9.95(Ft/s)
Travel time through pipe = 0.06 min.
Time of concentration (TC) = 18.01 min.

++
Process from Point/Station 45.000 to Point/Station 46.000
**** INITIAL AREA EVALUATION ****

```
Initial area flow distance =  1306.000(Ft.)
Top (of initial area) elevation =   506.000(Ft.)
Bottom (of initial area) elevation =   502.000(Ft.)
Difference in elevation =     4.000(Ft.)
Slope =    0.00306  s(percent)=       0.31
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   16.837 min.
Rainfall intensity =      2.153(In/Hr) for a   100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.888
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.100; Impervious fraction =  0.900
Initial subarea runoff =      3.441(CFS)
Total initial stream area =        1.800(Ac.)
Pervious area fraction = 0.100


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Process from Point/Station       47.000 to Point/Station       48.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =  1236.000(Ft.)
Top (of initial area) elevation =   502.800(Ft.)
Bottom (of initial area) elevation =   499.400(Ft.)
Difference in elevation =     3.400(Ft.)
Slope =    0.00275  s(percent)=       0.28
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =   16.828 min.
Rainfall intensity =      2.154(In/Hr) for a   100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.888
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.500
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  80.00
Pervious area fraction =  0.100; Impervious fraction =  0.900
Initial subarea runoff =      2.677(CFS)
Total initial stream area =        1.400(Ac.)
Pervious area fraction = 0.100
End of computations, total study area =           38.70 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.467
Area averaged RI index number =  62.5
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APPENDIX "B"

UNIT HYDROGRAPH ANALYSIS

Existing Conditions (2-yr, 5-yr & 10-yr)

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

Study date 11/09/20 File: cottonwoodex242.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
EXISTING Hydrology
2-Year-24 Hour Event

Drainage Area = 40.10(Ac.) = 0.063 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 40.10(Ac.) = 0.063 Sq. Mi.
Length along longest watercourse = 1820.00(Ft.)
Length along longest watercourse measured to centroid = 1030.00(Ft.)
Length along longest watercourse = 0.345 Mi.
Length along longest watercourse measured to centroid = 0.195 Mi.
Difference in elevation = 6.10(Ft.)
Slope along watercourse = 17.6967 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time = 0.150 Hr.
Lag time = 8.97 Min.
25% of lag time = 2.24 Min.
40% of lag time = 3.59 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
40.10	1.80	72.18

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

40.10 4.50 180.45

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
40.100	81.00	0.000

Total Area Entered = 40.10(Ac.)

RI AMC2	RI AMC-1	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
81.0	64.4	0.422	0.000	0.422	1.000	0.422
					Sum (F) =	0.422

Area averaged mean soil loss (F) (In/Hr) = 0.422
Minimum soil loss rate ((In/Hr)) = 0.211
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.900

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	55.729	7.275	2.940
2	0.167	111.458	30.802	12.448
3	0.250	167.187	27.843	11.252
4	0.333	222.917	11.203	4.527
5	0.417	278.646	6.363	2.572
6	0.500	334.375	4.354	1.760
7	0.583	390.104	3.162	1.278
8	0.667	445.833	2.261	0.914
9	0.750	501.562	1.746	0.706
10	0.833	557.291	1.435	0.580
11	0.917	613.021	1.081	0.437
12	1.000	668.750	0.833	0.337
13	1.083	724.479	0.606	0.245
14	1.167	780.208	0.557	0.225
15	1.250	835.937	0.477	0.193
			Sum = 100.000	Sum= 40.413

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

Unit Time	Pattern	Storm Rain	Loss rate(In./Hr)	Effective

	(Hr.)	Percent	(In/Hr)	Max		Low	(In/Hr)
1	0.08	0.07	0.014	(0.749)		0.013	0.001
2	0.17	0.07	0.014	(0.746)		0.013	0.001
3	0.25	0.07	0.014	(0.743)		0.013	0.001
4	0.33	0.10	0.022	(0.740)		0.019	0.002
5	0.42	0.10	0.022	(0.737)		0.019	0.002
6	0.50	0.10	0.022	(0.735)		0.019	0.002
7	0.58	0.10	0.022	(0.732)		0.019	0.002
8	0.67	0.10	0.022	(0.729)		0.019	0.002
9	0.75	0.10	0.022	(0.726)		0.019	0.002
10	0.83	0.13	0.029	(0.723)		0.026	0.003
11	0.92	0.13	0.029	(0.720)		0.026	0.003
12	1.00	0.13	0.029	(0.717)		0.026	0.003
13	1.08	0.10	0.022	(0.715)		0.019	0.002
14	1.17	0.10	0.022	(0.712)		0.019	0.002
15	1.25	0.10	0.022	(0.709)		0.019	0.002
16	1.33	0.10	0.022	(0.706)		0.019	0.002
17	1.42	0.10	0.022	(0.703)		0.019	0.002
18	1.50	0.10	0.022	(0.700)		0.019	0.002
19	1.58	0.10	0.022	(0.698)		0.019	0.002
20	1.67	0.10	0.022	(0.695)		0.019	0.002
21	1.75	0.10	0.022	(0.692)		0.019	0.002
22	1.83	0.13	0.029	(0.689)		0.026	0.003
23	1.92	0.13	0.029	(0.687)		0.026	0.003
24	2.00	0.13	0.029	(0.684)		0.026	0.003
25	2.08	0.13	0.029	(0.681)		0.026	0.003
26	2.17	0.13	0.029	(0.678)		0.026	0.003
27	2.25	0.13	0.029	(0.675)		0.026	0.003
28	2.33	0.13	0.029	(0.673)		0.026	0.003
29	2.42	0.13	0.029	(0.670)		0.026	0.003
30	2.50	0.13	0.029	(0.667)		0.026	0.003
31	2.58	0.17	0.036	(0.665)		0.032	0.004
32	2.67	0.17	0.036	(0.662)		0.032	0.004
33	2.75	0.17	0.036	(0.659)		0.032	0.004
34	2.83	0.17	0.036	(0.656)		0.032	0.004
35	2.92	0.17	0.036	(0.654)		0.032	0.004
36	3.00	0.17	0.036	(0.651)		0.032	0.004
37	3.08	0.17	0.036	(0.648)		0.032	0.004
38	3.17	0.17	0.036	(0.646)		0.032	0.004
39	3.25	0.17	0.036	(0.643)		0.032	0.004
40	3.33	0.17	0.036	(0.640)		0.032	0.004
41	3.42	0.17	0.036	(0.638)		0.032	0.004
42	3.50	0.17	0.036	(0.635)		0.032	0.004
43	3.58	0.17	0.036	(0.632)		0.032	0.004
44	3.67	0.17	0.036	(0.630)		0.032	0.004
45	3.75	0.17	0.036	(0.627)		0.032	0.004
46	3.83	0.20	0.043	(0.624)		0.039	0.004
47	3.92	0.20	0.043	(0.622)		0.039	0.004
48	4.00	0.20	0.043	(0.619)		0.039	0.004
49	4.08	0.20	0.043	(0.616)		0.039	0.004
50	4.17	0.20	0.043	(0.614)		0.039	0.004
51	4.25	0.20	0.043	(0.611)		0.039	0.004
52	4.33	0.23	0.050	(0.609)		0.045	0.005
53	4.42	0.23	0.050	(0.606)		0.045	0.005
54	4.50	0.23	0.050	(0.603)		0.045	0.005
55	4.58	0.23	0.050	(0.601)		0.045	0.005
56	4.67	0.23	0.050	(0.598)		0.045	0.005

57	4.75	0.23	0.050	(0.596)	0.045	0.005
58	4.83	0.27	0.058	(0.593)	0.052	0.006
59	4.92	0.27	0.058	(0.590)	0.052	0.006
60	5.00	0.27	0.058	(0.588)	0.052	0.006
61	5.08	0.20	0.043	(0.585)	0.039	0.004
62	5.17	0.20	0.043	(0.583)	0.039	0.004
63	5.25	0.20	0.043	(0.580)	0.039	0.004
64	5.33	0.23	0.050	(0.578)	0.045	0.005
65	5.42	0.23	0.050	(0.575)	0.045	0.005
66	5.50	0.23	0.050	(0.573)	0.045	0.005
67	5.58	0.27	0.058	(0.570)	0.052	0.006
68	5.67	0.27	0.058	(0.568)	0.052	0.006
69	5.75	0.27	0.058	(0.565)	0.052	0.006
70	5.83	0.27	0.058	(0.563)	0.052	0.006
71	5.92	0.27	0.058	(0.560)	0.052	0.006
72	6.00	0.27	0.058	(0.558)	0.052	0.006
73	6.08	0.30	0.065	(0.555)	0.058	0.006
74	6.17	0.30	0.065	(0.553)	0.058	0.006
75	6.25	0.30	0.065	(0.550)	0.058	0.006
76	6.33	0.30	0.065	(0.548)	0.058	0.006
77	6.42	0.30	0.065	(0.545)	0.058	0.006
78	6.50	0.30	0.065	(0.543)	0.058	0.006
79	6.58	0.33	0.072	(0.540)	0.065	0.007
80	6.67	0.33	0.072	(0.538)	0.065	0.007
81	6.75	0.33	0.072	(0.536)	0.065	0.007
82	6.83	0.33	0.072	(0.533)	0.065	0.007
83	6.92	0.33	0.072	(0.531)	0.065	0.007
84	7.00	0.33	0.072	(0.528)	0.065	0.007
85	7.08	0.33	0.072	(0.526)	0.065	0.007
86	7.17	0.33	0.072	(0.524)	0.065	0.007
87	7.25	0.33	0.072	(0.521)	0.065	0.007
88	7.33	0.37	0.079	(0.519)	0.071	0.008
89	7.42	0.37	0.079	(0.516)	0.071	0.008
90	7.50	0.37	0.079	(0.514)	0.071	0.008
91	7.58	0.40	0.086	(0.512)	0.078	0.009
92	7.67	0.40	0.086	(0.509)	0.078	0.009
93	7.75	0.40	0.086	(0.507)	0.078	0.009
94	7.83	0.43	0.094	(0.505)	0.084	0.009
95	7.92	0.43	0.094	(0.502)	0.084	0.009
96	8.00	0.43	0.094	(0.500)	0.084	0.009
97	8.08	0.50	0.108	(0.498)	0.097	0.011
98	8.17	0.50	0.108	(0.495)	0.097	0.011
99	8.25	0.50	0.108	(0.493)	0.097	0.011
100	8.33	0.50	0.108	(0.491)	0.097	0.011
101	8.42	0.50	0.108	(0.488)	0.097	0.011
102	8.50	0.50	0.108	(0.486)	0.097	0.011
103	8.58	0.53	0.115	(0.484)	0.104	0.012
104	8.67	0.53	0.115	(0.482)	0.104	0.012
105	8.75	0.53	0.115	(0.479)	0.104	0.012
106	8.83	0.57	0.122	(0.477)	0.110	0.012
107	8.92	0.57	0.122	(0.475)	0.110	0.012
108	9.00	0.57	0.122	(0.473)	0.110	0.012
109	9.08	0.63	0.137	(0.470)	0.123	0.014
110	9.17	0.63	0.137	(0.468)	0.123	0.014
111	9.25	0.63	0.137	(0.466)	0.123	0.014
112	9.33	0.67	0.144	(0.464)	0.130	0.014
113	9.42	0.67	0.144	(0.461)	0.130	0.014

114	9.50	0.67	0.144	(0.459)	0.130	0.014
115	9.58	0.70	0.151	(0.457)	0.136	0.015
116	9.67	0.70	0.151	(0.455)	0.136	0.015
117	9.75	0.70	0.151	(0.453)	0.136	0.015
118	9.83	0.73	0.158	(0.450)	0.143	0.016
119	9.92	0.73	0.158	(0.448)	0.143	0.016
120	10.00	0.73	0.158	(0.446)	0.143	0.016
121	10.08	0.50	0.108	(0.444)	0.097	0.011
122	10.17	0.50	0.108	(0.442)	0.097	0.011
123	10.25	0.50	0.108	(0.440)	0.097	0.011
124	10.33	0.50	0.108	(0.438)	0.097	0.011
125	10.42	0.50	0.108	(0.435)	0.097	0.011
126	10.50	0.50	0.108	(0.433)	0.097	0.011
127	10.58	0.67	0.144	(0.431)	0.130	0.014
128	10.67	0.67	0.144	(0.429)	0.130	0.014
129	10.75	0.67	0.144	(0.427)	0.130	0.014
130	10.83	0.67	0.144	(0.425)	0.130	0.014
131	10.92	0.67	0.144	(0.423)	0.130	0.014
132	11.00	0.67	0.144	(0.421)	0.130	0.014
133	11.08	0.63	0.137	(0.419)	0.123	0.014
134	11.17	0.63	0.137	(0.417)	0.123	0.014
135	11.25	0.63	0.137	(0.415)	0.123	0.014
136	11.33	0.63	0.137	(0.412)	0.123	0.014
137	11.42	0.63	0.137	(0.410)	0.123	0.014
138	11.50	0.63	0.137	(0.408)	0.123	0.014
139	11.58	0.57	0.122	(0.406)	0.110	0.012
140	11.67	0.57	0.122	(0.404)	0.110	0.012
141	11.75	0.57	0.122	(0.402)	0.110	0.012
142	11.83	0.60	0.130	(0.400)	0.117	0.013
143	11.92	0.60	0.130	(0.398)	0.117	0.013
144	12.00	0.60	0.130	(0.396)	0.117	0.013
145	12.08	0.83	0.180	(0.394)	0.162	0.018
146	12.17	0.83	0.180	(0.392)	0.162	0.018
147	12.25	0.83	0.180	(0.390)	0.162	0.018
148	12.33	0.87	0.187	(0.388)	0.168	0.019
149	12.42	0.87	0.187	(0.387)	0.168	0.019
150	12.50	0.87	0.187	(0.385)	0.168	0.019
151	12.58	0.93	0.202	(0.383)	0.181	0.020
152	12.67	0.93	0.202	(0.381)	0.181	0.020
153	12.75	0.93	0.202	(0.379)	0.181	0.020
154	12.83	0.97	0.209	(0.377)	0.188	0.021
155	12.92	0.97	0.209	(0.375)	0.188	0.021
156	13.00	0.97	0.209	(0.373)	0.188	0.021
157	13.08	1.13	0.245	(0.371)	0.220	0.024
158	13.17	1.13	0.245	(0.369)	0.220	0.024
159	13.25	1.13	0.245	(0.367)	0.220	0.024
160	13.33	1.13	0.245	(0.366)	0.220	0.024
161	13.42	1.13	0.245	(0.364)	0.220	0.024
162	13.50	1.13	0.245	(0.362)	0.220	0.024
163	13.58	0.77	0.166	(0.360)	0.149	0.017
164	13.67	0.77	0.166	(0.358)	0.149	0.017
165	13.75	0.77	0.166	(0.356)	0.149	0.017
166	13.83	0.77	0.166	(0.355)	0.149	0.017
167	13.92	0.77	0.166	(0.353)	0.149	0.017
168	14.00	0.77	0.166	(0.351)	0.149	0.017
169	14.08	0.90	0.194	(0.349)	0.175	0.019
170	14.17	0.90	0.194	(0.347)	0.175	0.019

171	14.25	0.90	0.194	(0.346)	0.175	0.019
172	14.33	0.87	0.187	(0.344)	0.168	0.019
173	14.42	0.87	0.187	(0.342)	0.168	0.019
174	14.50	0.87	0.187	(0.340)	0.168	0.019
175	14.58	0.87	0.187	(0.339)	0.168	0.019
176	14.67	0.87	0.187	(0.337)	0.168	0.019
177	14.75	0.87	0.187	(0.335)	0.168	0.019
178	14.83	0.83	0.180	(0.333)	0.162	0.018
179	14.92	0.83	0.180	(0.332)	0.162	0.018
180	15.00	0.83	0.180	(0.330)	0.162	0.018
181	15.08	0.80	0.173	(0.328)	0.156	0.017
182	15.17	0.80	0.173	(0.327)	0.156	0.017
183	15.25	0.80	0.173	(0.325)	0.156	0.017
184	15.33	0.77	0.166	(0.323)	0.149	0.017
185	15.42	0.77	0.166	(0.322)	0.149	0.017
186	15.50	0.77	0.166	(0.320)	0.149	0.017
187	15.58	0.63	0.137	(0.318)	0.123	0.014
188	15.67	0.63	0.137	(0.317)	0.123	0.014
189	15.75	0.63	0.137	(0.315)	0.123	0.014
190	15.83	0.63	0.137	(0.313)	0.123	0.014
191	15.92	0.63	0.137	(0.312)	0.123	0.014
192	16.00	0.63	0.137	(0.310)	0.123	0.014
193	16.08	0.13	0.029	(0.309)	0.026	0.003
194	16.17	0.13	0.029	(0.307)	0.026	0.003
195	16.25	0.13	0.029	(0.306)	0.026	0.003
196	16.33	0.13	0.029	(0.304)	0.026	0.003
197	16.42	0.13	0.029	(0.302)	0.026	0.003
198	16.50	0.13	0.029	(0.301)	0.026	0.003
199	16.58	0.10	0.022	(0.299)	0.019	0.002
200	16.67	0.10	0.022	(0.298)	0.019	0.002
201	16.75	0.10	0.022	(0.296)	0.019	0.002
202	16.83	0.10	0.022	(0.295)	0.019	0.002
203	16.92	0.10	0.022	(0.293)	0.019	0.002
204	17.00	0.10	0.022	(0.292)	0.019	0.002
205	17.08	0.17	0.036	(0.290)	0.032	0.004
206	17.17	0.17	0.036	(0.289)	0.032	0.004
207	17.25	0.17	0.036	(0.287)	0.032	0.004
208	17.33	0.17	0.036	(0.286)	0.032	0.004
209	17.42	0.17	0.036	(0.285)	0.032	0.004
210	17.50	0.17	0.036	(0.283)	0.032	0.004
211	17.58	0.17	0.036	(0.282)	0.032	0.004
212	17.67	0.17	0.036	(0.280)	0.032	0.004
213	17.75	0.17	0.036	(0.279)	0.032	0.004
214	17.83	0.13	0.029	(0.278)	0.026	0.003
215	17.92	0.13	0.029	(0.276)	0.026	0.003
216	18.00	0.13	0.029	(0.275)	0.026	0.003
217	18.08	0.13	0.029	(0.273)	0.026	0.003
218	18.17	0.13	0.029	(0.272)	0.026	0.003
219	18.25	0.13	0.029	(0.271)	0.026	0.003
220	18.33	0.13	0.029	(0.269)	0.026	0.003
221	18.42	0.13	0.029	(0.268)	0.026	0.003
222	18.50	0.13	0.029	(0.267)	0.026	0.003
223	18.58	0.10	0.022	(0.266)	0.019	0.002
224	18.67	0.10	0.022	(0.264)	0.019	0.002
225	18.75	0.10	0.022	(0.263)	0.019	0.002
226	18.83	0.07	0.014	(0.262)	0.013	0.001
227	18.92	0.07	0.014	(0.260)	0.013	0.001

228	19.00	0.07	0.014	(0.259)	0.013	0.001
229	19.08	0.10	0.022	(0.258)	0.019	0.002
230	19.17	0.10	0.022	(0.257)	0.019	0.002
231	19.25	0.10	0.022	(0.256)	0.019	0.002
232	19.33	0.13	0.029	(0.254)	0.026	0.003
233	19.42	0.13	0.029	(0.253)	0.026	0.003
234	19.50	0.13	0.029	(0.252)	0.026	0.003
235	19.58	0.10	0.022	(0.251)	0.019	0.002
236	19.67	0.10	0.022	(0.250)	0.019	0.002
237	19.75	0.10	0.022	(0.249)	0.019	0.002
238	19.83	0.07	0.014	(0.248)	0.013	0.001
239	19.92	0.07	0.014	(0.246)	0.013	0.001
240	20.00	0.07	0.014	(0.245)	0.013	0.001
241	20.08	0.10	0.022	(0.244)	0.019	0.002
242	20.17	0.10	0.022	(0.243)	0.019	0.002
243	20.25	0.10	0.022	(0.242)	0.019	0.002
244	20.33	0.10	0.022	(0.241)	0.019	0.002
245	20.42	0.10	0.022	(0.240)	0.019	0.002
246	20.50	0.10	0.022	(0.239)	0.019	0.002
247	20.58	0.10	0.022	(0.238)	0.019	0.002
248	20.67	0.10	0.022	(0.237)	0.019	0.002
249	20.75	0.10	0.022	(0.236)	0.019	0.002
250	20.83	0.07	0.014	(0.235)	0.013	0.001
251	20.92	0.07	0.014	(0.234)	0.013	0.001
252	21.00	0.07	0.014	(0.233)	0.013	0.001
253	21.08	0.10	0.022	(0.232)	0.019	0.002
254	21.17	0.10	0.022	(0.231)	0.019	0.002
255	21.25	0.10	0.022	(0.230)	0.019	0.002
256	21.33	0.07	0.014	(0.230)	0.013	0.001
257	21.42	0.07	0.014	(0.229)	0.013	0.001
258	21.50	0.07	0.014	(0.228)	0.013	0.001
259	21.58	0.10	0.022	(0.227)	0.019	0.002
260	21.67	0.10	0.022	(0.226)	0.019	0.002
261	21.75	0.10	0.022	(0.225)	0.019	0.002
262	21.83	0.07	0.014	(0.225)	0.013	0.001
263	21.92	0.07	0.014	(0.224)	0.013	0.001
264	22.00	0.07	0.014	(0.223)	0.013	0.001
265	22.08	0.10	0.022	(0.222)	0.019	0.002
266	22.17	0.10	0.022	(0.222)	0.019	0.002
267	22.25	0.10	0.022	(0.221)	0.019	0.002
268	22.33	0.07	0.014	(0.220)	0.013	0.001
269	22.42	0.07	0.014	(0.220)	0.013	0.001
270	22.50	0.07	0.014	(0.219)	0.013	0.001
271	22.58	0.07	0.014	(0.218)	0.013	0.001
272	22.67	0.07	0.014	(0.218)	0.013	0.001
273	22.75	0.07	0.014	(0.217)	0.013	0.001
274	22.83	0.07	0.014	(0.216)	0.013	0.001
275	22.92	0.07	0.014	(0.216)	0.013	0.001
276	23.00	0.07	0.014	(0.215)	0.013	0.001
277	23.08	0.07	0.014	(0.215)	0.013	0.001
278	23.17	0.07	0.014	(0.214)	0.013	0.001
279	23.25	0.07	0.014	(0.214)	0.013	0.001
280	23.33	0.07	0.014	(0.214)	0.013	0.001
281	23.42	0.07	0.014	(0.213)	0.013	0.001
282	23.50	0.07	0.014	(0.213)	0.013	0.001
283	23.58	0.07	0.014	(0.212)	0.013	0.001
284	23.67	0.07	0.014	(0.212)	0.013	0.001

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285  23.75     0.07      0.014       (  0.212)       0.013        0.001
286  23.83     0.07      0.014       (  0.212)       0.013        0.001
287  23.92     0.07      0.014       (  0.211)       0.013        0.001
288  24.00     0.07      0.014       (  0.211)       0.013        0.001
            (Loss Rate Not Used)
    Sum =     100.0                                  Sum =     2.2
     Flood volume = Effective rainfall      0.18(In)
      times area      40.1(Ac.)/[(In)/(Ft.)] =       0.6(Ac.Ft)
     Total soil loss =      1.62(In)
     Total soil loss =     5.413(Ac.Ft)
     Total rainfall =      1.80(In)
     Flood volume =       26199.3 Cubic Feet
     Total soil loss =      235793.6 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =      0.970(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        2.5       5.0       7.5      10.0
 ---------------------------------------------------------------------------
   0+ 5       0.0000      0.00  Q          |         |         |         |
   0+10       0.0002      0.02  Q          |         |         |         |
   0+15       0.0004      0.04  Q          |         |         |         |
   0+20       0.0008      0.05  Q          |         |         |         |
   0+25       0.0012      0.06  Q          |         |         |         |
   0+30       0.0017      0.07  Q          |         |         |         |
   0+35       0.0022      0.08  Q          |         |         |         |
   0+40       0.0027      0.08  Q          |         |         |         |
   0+45       0.0033      0.08  Q          |         |         |         |
   0+50       0.0039      0.08  Q          |         |         |         |
   0+55       0.0045      0.10  Q          |         |         |         |
   1+ 0       0.0052      0.10  Q          |         |         |         |
   1+ 5       0.0060      0.11  Q          |         |         |         |
   1+10       0.0067      0.10  Q          |         |         |         |
   1+15       0.0073      0.09  Q          |         |         |         |
   1+20       0.0079      0.09  Q          |         |         |         |
   1+25       0.0085      0.09  Q          |         |         |         |
   1+30       0.0092      0.09  Q          |         |         |         |
   1+35       0.0098      0.09  Q          |         |         |         |
   1+40       0.0104      0.09  Q          |         |         |         |
   1+45       0.0110      0.09  Q          |         |         |         |
   1+50       0.0116      0.09  Q          |         |         |         |
   1+55       0.0123      0.10  Q          |         |         |         |
   2+ 0       0.0130      0.11  Q          |         |         |         |
   2+ 5       0.0138      0.11  Q          |         |         |         |
   2+10       0.0146      0.11  Q          |         |         |         |
   2+15       0.0153      0.11  QV         |         |         |         |
   2+20       0.0161      0.11  QV         |         |         |         |
   2+25       0.0169      0.11  QV         |         |         |         |
   2+30       0.0177      0.11  QV         |         |         |         |
   2+35       0.0185      0.12  QV         |         |         |         |
   2+40       0.0194      0.13  QV         |         |         |         |
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2+45	0.0203	0.14	QV	|	|	|	|
2+50	0.0213	0.14	QV	|	|	|	|
2+55	0.0222	0.14	QV	|	|	|	|
3+ 0	0.0232	0.14	QV	|	|	|	|
3+ 5	0.0242	0.14	QV	|	|	|	|
3+10	0.0252	0.14	QV	|	|	|	|
3+15	0.0262	0.14	QV	|	|	|	|
3+20	0.0272	0.14	QV	|	|	|	|
3+25	0.0282	0.14	QV	|	|	|	|
3+30	0.0292	0.15	QV	|	|	|	|
3+35	0.0302	0.15	Q V	|	|	|	|
3+40	0.0312	0.15	Q V	|	|	|	|
3+45	0.0322	0.15	Q V	|	|	|	|
3+50	0.0332	0.15	Q V	|	|	|	|
3+55	0.0343	0.16	Q V	|	|	|	|
4+ 0	0.0354	0.16	Q V	|	|	|	|
4+ 5	0.0366	0.17	Q V	|	|	|	|
4+10	0.0377	0.17	Q V	|	|	|	|
4+15	0.0389	0.17	Q V	|	|	|	|
4+20	0.0401	0.17	Q V	|	|	|	|
4+25	0.0414	0.18	Q V	|	|	|	|
4+30	0.0427	0.19	Q V	|	|	|	|
4+35	0.0441	0.20	Q V	|	|	|	|
4+40	0.0454	0.20	Q V	|	|	|	|
4+45	0.0468	0.20	Q V	|	|	|	|
4+50	0.0482	0.20	Q V	|	|	|	|
4+55	0.0497	0.21	Q V	|	|	|	|
5+ 0	0.0512	0.22	Q V	|	|	|	|
5+ 5	0.0527	0.22	Q V	|	|	|	|
5+10	0.0541	0.21	Q V	|	|	|	|
5+15	0.0554	0.19	Q V	|	|	|	|
5+20	0.0567	0.19	Q V	|	|	|	|
5+25	0.0580	0.19	Q V	|	|	|	|
5+30	0.0594	0.20	Q V	|	|	|	|
5+35	0.0608	0.20	Q V	|	|	|	|
5+40	0.0623	0.21	Q V	|	|	|	|
5+45	0.0638	0.22	Q V	|	|	|	|
5+50	0.0654	0.23	Q V	|	|	|	|
5+55	0.0669	0.23	Q V	|	|	|	|
6+ 0	0.0685	0.23	Q V	|	|	|	|
6+ 5	0.0701	0.23	Q V	|	|	|	|
6+10	0.0718	0.24	Q V	|	|	|	|
6+15	0.0735	0.25	|Q V	|	|	|	|
6+20	0.0752	0.25	|Q V	|	|	|	|
6+25	0.0770	0.26	|Q V	|	|	|	|
6+30	0.0788	0.26	|Q V	|	|	|	|
6+35	0.0806	0.26	|Q V	|	|	|	|
6+40	0.0825	0.27	|Q V	|	|	|	|
6+45	0.0844	0.28	|Q V	|	|	|	|
6+50	0.0863	0.28	|Q V	|	|	|	|
6+55	0.0883	0.29	|Q V	|	|	|	|
7+ 0	0.0903	0.29	|Q V	|	|	|	|
7+ 5	0.0923	0.29	|Q V	|	|	|	|
7+10	0.0943	0.29	|Q V	|	|	|	|
7+15	0.0962	0.29	|Q V	|	|	|	|
7+20	0.0983	0.29	|Q V	|	|	|	|
7+25	0.1003	0.30	|Q V	|	|	|	|

7+30	0.1025	0.31	Q	V			
7+35	0.1046	0.32	Q	V			
7+40	0.1069	0.33	Q	V			
7+45	0.1092	0.34	Q	V			
7+50	0.1116	0.34	Q	V			
7+55	0.1140	0.35	Q	V			
8+ 0	0.1165	0.36	Q	V			
8+ 5	0.1191	0.37	Q	V			
8+10	0.1218	0.39	Q	V			
8+15	0.1246	0.41	Q	V			
8+20	0.1275	0.42	Q	V			
8+25	0.1304	0.42	Q	V			
8+30	0.1334	0.43	Q	V			
8+35	0.1363	0.43	Q	V			
8+40	0.1394	0.44	Q	V			
8+45	0.1425	0.45	Q	V			
8+50	0.1457	0.46	Q	V			
8+55	0.1489	0.47	Q	V			
9+ 0	0.1522	0.48	Q	V			
9+ 5	0.1556	0.49	Q	V			
9+10	0.1591	0.51	Q	V			
9+15	0.1627	0.53	Q	V			
9+20	0.1664	0.54	Q	V			
9+25	0.1702	0.55	Q	V			
9+30	0.1741	0.56	Q	V			
9+35	0.1781	0.57	Q	V			
9+40	0.1821	0.58	Q	V			
9+45	0.1862	0.59	Q	V			
9+50	0.1903	0.60	Q	V			
9+55	0.1945	0.61	Q	V			
10+ 0	0.1988	0.62	Q	V			
10+ 5	0.2031	0.61	Q	V			
10+10	0.2069	0.56	Q	V			
10+15	0.2103	0.50	Q	V			
10+20	0.2136	0.48	Q	V			
10+25	0.2169	0.47	Q	V			
10+30	0.2200	0.46	Q	V			
10+35	0.2232	0.46	Q	V			
10+40	0.2267	0.50	Q	V			
10+45	0.2304	0.54	Q	V			
10+50	0.2343	0.56	Q	V			
10+55	0.2381	0.56	Q	V			
11+ 0	0.2421	0.57	Q	V			
11+ 5	0.2460	0.57	Q	V			
11+10	0.2498	0.56	Q	V			
11+15	0.2537	0.56	Q	V			
11+20	0.2575	0.55	Q	V			
11+25	0.2613	0.55	Q	V			
11+30	0.2651	0.55	Q	V			
11+35	0.2689	0.55	Q	V			
11+40	0.2726	0.53	Q	V			
11+45	0.2761	0.52	Q	V			
11+50	0.2797	0.51	Q	V			
11+55	0.2832	0.52	Q	V			
12+ 0	0.2868	0.52	Q	V			
12+ 5	0.2905	0.54	Q	V			
12+10	0.2946	0.60	Q	V			

12+15	0.2992	0.66	Q		V		
12+20	0.3039	0.68	Q		V		
12+25	0.3087	0.70	Q		V		
12+30	0.3137	0.72	Q		V		
12+35	0.3188	0.74	Q		V		
12+40	0.3240	0.76	Q		V		
12+45	0.3294	0.78	Q		V		
12+50	0.3348	0.79	Q		V		
12+55	0.3404	0.81	Q		V		
13+ 0	0.3461	0.82	Q		V		
13+ 5	0.3519	0.84	Q		V		
13+10	0.3580	0.89	Q		V		
13+15	0.3644	0.93	Q		V		
13+20	0.3710	0.95	Q		V		
13+25	0.3776	0.96	Q		V		
13+30	0.3843	0.97	Q		V		
13+35	0.3908	0.95	Q		V		
13+40	0.3967	0.86	Q		V		
13+45	0.4020	0.77	Q		V		
13+50	0.4071	0.74	Q		V		
13+55	0.4121	0.72	Q		V		
14+ 0	0.4169	0.71	Q		V		
14+ 5	0.4218	0.71	Q		V		
14+10	0.4269	0.73	Q		V		
14+15	0.4321	0.76	Q		V		
14+20	0.4374	0.77	Q		V		
14+25	0.4427	0.76	Q		V		
14+30	0.4479	0.76	Q		V		
14+35	0.4531	0.76	Q		V		
14+40	0.4583	0.76	Q		V		
14+45	0.4635	0.75	Q		V		
14+50	0.4687	0.75	Q		V		
14+55	0.4738	0.74	Q		V		
15+ 0	0.4789	0.74	Q		V		
15+ 5	0.4839	0.73	Q		V		
15+10	0.4889	0.72	Q		V		
15+15	0.4938	0.71	Q		V		
15+20	0.4987	0.71	Q		V		
15+25	0.5034	0.69	Q		V		
15+30	0.5082	0.68	Q		V		
15+35	0.5128	0.67	Q		V		
15+40	0.5171	0.63	Q		V		
15+45	0.5213	0.60	Q		V		
15+50	0.5253	0.58	Q		V		
15+55	0.5292	0.58	Q		V		
16+ 0	0.5332	0.57	Q		V		
16+ 5	0.5368	0.53	Q		V		
16+10	0.5396	0.40	Q		V		
16+15	0.5414	0.27	Q		V		
16+20	0.5429	0.22	Q		V		
16+25	0.5443	0.19	Q		V		
16+30	0.5454	0.17	Q		V		
16+35	0.5465	0.15	Q		V		
16+40	0.5474	0.14	Q		V		
16+45	0.5483	0.12	Q		V		
16+50	0.5490	0.11	Q		V		
16+55	0.5497	0.10	Q		V		

17+ 0	0.5504	0.10	Q	|	|	|	V |
17+ 5	0.5511	0.10	Q	|	|	|	V |
17+10	0.5519	0.11	Q	|	|	|	V |
17+15	0.5527	0.13	Q	|	|	|	V |
17+20	0.5537	0.13	Q	|	|	|	V |
17+25	0.5546	0.14	Q	|	|	|	V |
17+30	0.5556	0.14	Q	|	|	|	V |
17+35	0.5565	0.14	Q	|	|	|	V |
17+40	0.5575	0.14	Q	|	|	|	V |
17+45	0.5585	0.14	Q	|	|	|	V |
17+50	0.5595	0.14	Q	|	|	|	V |
17+55	0.5604	0.13	Q	|	|	|	V |
18+ 0	0.5612	0.13	Q	|	|	|	V |
18+ 5	0.5621	0.12	Q	|	|	|	V |
18+10	0.5629	0.12	Q	|	|	|	V |
18+15	0.5637	0.12	Q	|	|	|	V |
18+20	0.5646	0.12	Q	|	|	|	V |
18+25	0.5654	0.12	Q	|	|	|	V |
18+30	0.5662	0.12	Q	|	|	|	V |
18+35	0.5670	0.12	Q	|	|	|	V |
18+40	0.5677	0.11	Q	|	|	|	V |
18+45	0.5684	0.10	Q	|	|	|	V |
18+50	0.5690	0.09	Q	|	|	|	V |
18+55	0.5696	0.08	Q	|	|	|	V |
19+ 0	0.5701	0.07	Q	|	|	|	V |
19+ 5	0.5706	0.07	Q	|	|	|	V |
19+10	0.5711	0.08	Q	|	|	|	V |
19+15	0.5716	0.08	Q	|	|	|	V |
19+20	0.5722	0.09	Q	|	|	|	V |
19+25	0.5729	0.10	Q	|	|	|	V |
19+30	0.5736	0.10	Q	|	|	|	V |
19+35	0.5744	0.11	Q	|	|	|	V |
19+40	0.5750	0.10	Q	|	|	|	V |
19+45	0.5757	0.09	Q	|	|	|	V |
19+50	0.5763	0.09	Q	|	|	|	V |
19+55	0.5768	0.08	Q	|	|	|	V |
20+ 0	0.5773	0.07	Q	|	|	|	V |
20+ 5	0.5778	0.07	Q	|	|	|	V |
20+10	0.5783	0.08	Q	|	|	|	V |
20+15	0.5789	0.08	Q	|	|	|	V |
20+20	0.5794	0.08	Q	|	|	|	V |
20+25	0.5800	0.09	Q	|	|	|	V |
20+30	0.5806	0.09	Q	|	|	|	V |
20+35	0.5812	0.09	Q	|	|	|	V |
20+40	0.5818	0.09	Q	|	|	|	V |
20+45	0.5824	0.09	Q	|	|	|	V |
20+50	0.5830	0.08	Q	|	|	|	V |
20+55	0.5835	0.08	Q	|	|	|	V |
21+ 0	0.5840	0.07	Q	|	|	|	V |
21+ 5	0.5844	0.07	Q	|	|	|	V |
21+10	0.5849	0.07	Q	|	|	|	V |
21+15	0.5855	0.08	Q	|	|	|	V |
21+20	0.5861	0.08	Q	|	|	|	V |
21+25	0.5866	0.07	Q	|	|	|	V|
21+30	0.5870	0.07	Q	|	|	|	V|
21+35	0.5875	0.07	Q	|	|	|	V|
21+40	0.5880	0.07	Q	|	|	|	V|

21+45	0.5885	0.08	Q	|	|	|	V|
21+50	0.5891	0.08	Q	|	|	|	V|
21+55	0.5896	0.07	Q	|	|	|	V|
22+ 0	0.5900	0.07	Q	|	|	|	V|
22+ 5	0.5905	0.07	Q	|	|	|	V|
22+10	0.5910	0.07	Q	|	|	|	V|
22+15	0.5915	0.08	Q	|	|	|	V|
22+20	0.5921	0.08	Q	|	|	|	V|
22+25	0.5926	0.07	Q	|	|	|	V|
22+30	0.5930	0.07	Q	|	|	|	V|
22+35	0.5935	0.06	Q	|	|	|	V|
22+40	0.5939	0.06	Q	|	|	|	V|
22+45	0.5943	0.06	Q	|	|	|	V|
22+50	0.5947	0.06	Q	|	|	|	V|
22+55	0.5951	0.06	Q	|	|	|	V|
23+ 0	0.5955	0.06	Q	|	|	|	V|
23+ 5	0.5959	0.06	Q	|	|	|	V|
23+10	0.5964	0.06	Q	|	|	|	V|
23+15	0.5968	0.06	Q	|	|	|	V|
23+20	0.5972	0.06	Q	|	|	|	V|
23+25	0.5976	0.06	Q	|	|	|	V|
23+30	0.5980	0.06	Q	|	|	|	V|
23+35	0.5984	0.06	Q	|	|	|	V|
23+40	0.5988	0.06	Q	|	|	|	V|
23+45	0.5992	0.06	Q	|	|	|	V|
23+50	0.5996	0.06	Q	|	|	|	V|
23+55	0.6000	0.06	Q	|	|	|	V|
24+ 0	0.6004	0.06	Q	|	|	|	V|
24+ 5	0.6007	0.05	Q	|	|	|	V|
24+10	0.6010	0.04	Q	|	|	|	V|
24+15	0.6011	0.02	Q	|	|	|	V|
24+20	0.6012	0.01	Q	|	|	|	V|
24+25	0.6013	0.01	Q	|	|	|	V|
24+30	0.6013	0.01	Q	|	|	|	V|
24+35	0.6014	0.01	Q	|	|	|	V|
24+40	0.6014	0.00	Q	|	|	|	V|
24+45	0.6014	0.00	Q	|	|	|	V|
24+50	0.6014	0.00	Q	|	|	|	V|
24+55	0.6014	0.00	Q	|	|	|	V|
25+ 0	0.6014	0.00	Q	|	|	|	V|
25+ 5	0.6015	0.00	Q	|	|	|	V|
25+10	0.6015	0.00	Q	|	|	|	V

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

Study date 11/09/20 File: cottonwoodex245.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
EXISTING Hydrology
5-Year-24 Hour Event

Drainage Area = 40.10(Ac.) = 0.063 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 40.10(Ac.) = 0.063 Sq. Mi.
Length along longest watercourse = 1820.00(Ft.)
Length along longest watercourse measured to centroid = 1030.00(Ft.)
Length along longest watercourse = 0.345 Mi.
Length along longest watercourse measured to centroid = 0.195 Mi.
Difference in elevation = 6.10(Ft.)
Slope along watercourse = 17.6967 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time = 0.150 Hr.
Lag time = 8.97 Min.
25% of lag time = 2.24 Min.
40% of lag time = 3.59 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
40.10	1.80	72.18

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

40.10 4.50 180.45

STORM EVENT (YEAR) = 5.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 2.432(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 2.432(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
40.100	81.00	0.000

Total Area Entered = 40.10(Ac.)

RI AMC2	RI AMC-1	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
81.0	64.4	0.422	0.000	0.422	1.000	0.422
					Sum (F) =	0.422

Area averaged mean soil loss (F) (In/Hr) = 0.422
Minimum soil loss rate ((In/Hr)) = 0.211
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.900

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	55.729	7.275	2.940
2	0.167	111.458	30.802	12.448
3	0.250	167.187	27.843	11.252
4	0.333	222.917	11.203	4.527
5	0.417	278.646	6.363	2.572
6	0.500	334.375	4.354	1.760
7	0.583	390.104	3.162	1.278
8	0.667	445.833	2.261	0.914
9	0.750	501.562	1.746	0.706
10	0.833	557.291	1.435	0.580
11	0.917	613.021	1.081	0.437
12	1.000	668.750	0.833	0.337
13	1.083	724.479	0.606	0.245
14	1.167	780.208	0.557	0.225
15	1.250	835.937	0.477	0.193
			Sum = 100.000	Sum= 40.413

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

Unit Time	Pattern	Storm Rain	Loss rate(In./Hr)	Effective

	(Hr.)	Percent	(In/Hr)	Max	Low	(In/Hr)
1	0.08	0.07	0.019	(0.749)	0.018	0.002
2	0.17	0.07	0.019	(0.746)	0.018	0.002
3	0.25	0.07	0.019	(0.743)	0.018	0.002
4	0.33	0.10	0.029	(0.740)	0.026	0.003
5	0.42	0.10	0.029	(0.737)	0.026	0.003
6	0.50	0.10	0.029	(0.735)	0.026	0.003
7	0.58	0.10	0.029	(0.732)	0.026	0.003
8	0.67	0.10	0.029	(0.729)	0.026	0.003
9	0.75	0.10	0.029	(0.726)	0.026	0.003
10	0.83	0.13	0.039	(0.723)	0.035	0.004
11	0.92	0.13	0.039	(0.720)	0.035	0.004
12	1.00	0.13	0.039	(0.717)	0.035	0.004
13	1.08	0.10	0.029	(0.715)	0.026	0.003
14	1.17	0.10	0.029	(0.712)	0.026	0.003
15	1.25	0.10	0.029	(0.709)	0.026	0.003
16	1.33	0.10	0.029	(0.706)	0.026	0.003
17	1.42	0.10	0.029	(0.703)	0.026	0.003
18	1.50	0.10	0.029	(0.700)	0.026	0.003
19	1.58	0.10	0.029	(0.698)	0.026	0.003
20	1.67	0.10	0.029	(0.695)	0.026	0.003
21	1.75	0.10	0.029	(0.692)	0.026	0.003
22	1.83	0.13	0.039	(0.689)	0.035	0.004
23	1.92	0.13	0.039	(0.687)	0.035	0.004
24	2.00	0.13	0.039	(0.684)	0.035	0.004
25	2.08	0.13	0.039	(0.681)	0.035	0.004
26	2.17	0.13	0.039	(0.678)	0.035	0.004
27	2.25	0.13	0.039	(0.675)	0.035	0.004
28	2.33	0.13	0.039	(0.673)	0.035	0.004
29	2.42	0.13	0.039	(0.670)	0.035	0.004
30	2.50	0.13	0.039	(0.667)	0.035	0.004
31	2.58	0.17	0.049	(0.665)	0.044	0.005
32	2.67	0.17	0.049	(0.662)	0.044	0.005
33	2.75	0.17	0.049	(0.659)	0.044	0.005
34	2.83	0.17	0.049	(0.656)	0.044	0.005
35	2.92	0.17	0.049	(0.654)	0.044	0.005
36	3.00	0.17	0.049	(0.651)	0.044	0.005
37	3.08	0.17	0.049	(0.648)	0.044	0.005
38	3.17	0.17	0.049	(0.646)	0.044	0.005
39	3.25	0.17	0.049	(0.643)	0.044	0.005
40	3.33	0.17	0.049	(0.640)	0.044	0.005
41	3.42	0.17	0.049	(0.638)	0.044	0.005
42	3.50	0.17	0.049	(0.635)	0.044	0.005
43	3.58	0.17	0.049	(0.632)	0.044	0.005
44	3.67	0.17	0.049	(0.630)	0.044	0.005
45	3.75	0.17	0.049	(0.627)	0.044	0.005
46	3.83	0.20	0.058	(0.624)	0.053	0.006
47	3.92	0.20	0.058	(0.622)	0.053	0.006
48	4.00	0.20	0.058	(0.619)	0.053	0.006
49	4.08	0.20	0.058	(0.616)	0.053	0.006
50	4.17	0.20	0.058	(0.614)	0.053	0.006
51	4.25	0.20	0.058	(0.611)	0.053	0.006
52	4.33	0.23	0.068	(0.609)	0.061	0.007
53	4.42	0.23	0.068	(0.606)	0.061	0.007
54	4.50	0.23	0.068	(0.603)	0.061	0.007
55	4.58	0.23	0.068	(0.601)	0.061	0.007
56	4.67	0.23	0.068	(0.598)	0.061	0.007

57	4.75	0.23	0.068	(0.596)	0.061	0.007
58	4.83	0.27	0.078	(0.593)	0.070	0.008
59	4.92	0.27	0.078	(0.590)	0.070	0.008
60	5.00	0.27	0.078	(0.588)	0.070	0.008
61	5.08	0.20	0.058	(0.585)	0.053	0.006
62	5.17	0.20	0.058	(0.583)	0.053	0.006
63	5.25	0.20	0.058	(0.580)	0.053	0.006
64	5.33	0.23	0.068	(0.578)	0.061	0.007
65	5.42	0.23	0.068	(0.575)	0.061	0.007
66	5.50	0.23	0.068	(0.573)	0.061	0.007
67	5.58	0.27	0.078	(0.570)	0.070	0.008
68	5.67	0.27	0.078	(0.568)	0.070	0.008
69	5.75	0.27	0.078	(0.565)	0.070	0.008
70	5.83	0.27	0.078	(0.563)	0.070	0.008
71	5.92	0.27	0.078	(0.560)	0.070	0.008
72	6.00	0.27	0.078	(0.558)	0.070	0.008
73	6.08	0.30	0.088	(0.555)	0.079	0.009
74	6.17	0.30	0.088	(0.553)	0.079	0.009
75	6.25	0.30	0.088	(0.550)	0.079	0.009
76	6.33	0.30	0.088	(0.548)	0.079	0.009
77	6.42	0.30	0.088	(0.545)	0.079	0.009
78	6.50	0.30	0.088	(0.543)	0.079	0.009
79	6.58	0.33	0.097	(0.540)	0.088	0.010
80	6.67	0.33	0.097	(0.538)	0.088	0.010
81	6.75	0.33	0.097	(0.536)	0.088	0.010
82	6.83	0.33	0.097	(0.533)	0.088	0.010
83	6.92	0.33	0.097	(0.531)	0.088	0.010
84	7.00	0.33	0.097	(0.528)	0.088	0.010
85	7.08	0.33	0.097	(0.526)	0.088	0.010
86	7.17	0.33	0.097	(0.524)	0.088	0.010
87	7.25	0.33	0.097	(0.521)	0.088	0.010
88	7.33	0.37	0.107	(0.519)	0.096	0.011
89	7.42	0.37	0.107	(0.516)	0.096	0.011
90	7.50	0.37	0.107	(0.514)	0.096	0.011
91	7.58	0.40	0.117	(0.512)	0.105	0.012
92	7.67	0.40	0.117	(0.509)	0.105	0.012
93	7.75	0.40	0.117	(0.507)	0.105	0.012
94	7.83	0.43	0.126	(0.505)	0.114	0.013
95	7.92	0.43	0.126	(0.502)	0.114	0.013
96	8.00	0.43	0.126	(0.500)	0.114	0.013
97	8.08	0.50	0.146	(0.498)	0.131	0.015
98	8.17	0.50	0.146	(0.495)	0.131	0.015
99	8.25	0.50	0.146	(0.493)	0.131	0.015
100	8.33	0.50	0.146	(0.491)	0.131	0.015
101	8.42	0.50	0.146	(0.488)	0.131	0.015
102	8.50	0.50	0.146	(0.486)	0.131	0.015
103	8.58	0.53	0.156	(0.484)	0.140	0.016
104	8.67	0.53	0.156	(0.482)	0.140	0.016
105	8.75	0.53	0.156	(0.479)	0.140	0.016
106	8.83	0.57	0.165	(0.477)	0.149	0.017
107	8.92	0.57	0.165	(0.475)	0.149	0.017
108	9.00	0.57	0.165	(0.473)	0.149	0.017
109	9.08	0.63	0.185	(0.470)	0.166	0.018
110	9.17	0.63	0.185	(0.468)	0.166	0.018
111	9.25	0.63	0.185	(0.466)	0.166	0.018
112	9.33	0.67	0.195	(0.464)	0.175	0.019
113	9.42	0.67	0.195	(0.461)	0.175	0.019

114	9.50	0.67	0.195	(0.459)	0.175	0.019
115	9.58	0.70	0.204	(0.457)	0.184	0.020
116	9.67	0.70	0.204	(0.455)	0.184	0.020
117	9.75	0.70	0.204	(0.453)	0.184	0.020
118	9.83	0.73	0.214	(0.450)	0.193	0.021
119	9.92	0.73	0.214	(0.448)	0.193	0.021
120	10.00	0.73	0.214	(0.446)	0.193	0.021
121	10.08	0.50	0.146	(0.444)	0.131	0.015
122	10.17	0.50	0.146	(0.442)	0.131	0.015
123	10.25	0.50	0.146	(0.440)	0.131	0.015
124	10.33	0.50	0.146	(0.438)	0.131	0.015
125	10.42	0.50	0.146	(0.435)	0.131	0.015
126	10.50	0.50	0.146	(0.433)	0.131	0.015
127	10.58	0.67	0.195	(0.431)	0.175	0.019
128	10.67	0.67	0.195	(0.429)	0.175	0.019
129	10.75	0.67	0.195	(0.427)	0.175	0.019
130	10.83	0.67	0.195	(0.425)	0.175	0.019
131	10.92	0.67	0.195	(0.423)	0.175	0.019
132	11.00	0.67	0.195	(0.421)	0.175	0.019
133	11.08	0.63	0.185	(0.419)	0.166	0.018
134	11.17	0.63	0.185	(0.417)	0.166	0.018
135	11.25	0.63	0.185	(0.415)	0.166	0.018
136	11.33	0.63	0.185	(0.412)	0.166	0.018
137	11.42	0.63	0.185	(0.410)	0.166	0.018
138	11.50	0.63	0.185	(0.408)	0.166	0.018
139	11.58	0.57	0.165	(0.406)	0.149	0.017
140	11.67	0.57	0.165	(0.404)	0.149	0.017
141	11.75	0.57	0.165	(0.402)	0.149	0.017
142	11.83	0.60	0.175	(0.400)	0.158	0.018
143	11.92	0.60	0.175	(0.398)	0.158	0.018
144	12.00	0.60	0.175	(0.396)	0.158	0.018
145	12.08	0.83	0.243	(0.394)	0.219	0.024
146	12.17	0.83	0.243	(0.392)	0.219	0.024
147	12.25	0.83	0.243	(0.390)	0.219	0.024
148	12.33	0.87	0.253	(0.388)	0.228	0.025
149	12.42	0.87	0.253	(0.387)	0.228	0.025
150	12.50	0.87	0.253	(0.385)	0.228	0.025
151	12.58	0.93	0.272	(0.383)	0.245	0.027
152	12.67	0.93	0.272	(0.381)	0.245	0.027
153	12.75	0.93	0.272	(0.379)	0.245	0.027
154	12.83	0.97	0.282	(0.377)	0.254	0.028
155	12.92	0.97	0.282	(0.375)	0.254	0.028
156	13.00	0.97	0.282	(0.373)	0.254	0.028
157	13.08	1.13	0.331	(0.371)	0.298	0.033
158	13.17	1.13	0.331	(0.369)	0.298	0.033
159	13.25	1.13	0.331	(0.367)	0.298	0.033
160	13.33	1.13	0.331	(0.366)	0.298	0.033
161	13.42	1.13	0.331	(0.364)	0.298	0.033
162	13.50	1.13	0.331	(0.362)	0.298	0.033
163	13.58	0.77	0.224	(0.360)	0.201	0.022
164	13.67	0.77	0.224	(0.358)	0.201	0.022
165	13.75	0.77	0.224	(0.356)	0.201	0.022
166	13.83	0.77	0.224	(0.355)	0.201	0.022
167	13.92	0.77	0.224	(0.353)	0.201	0.022
168	14.00	0.77	0.224	(0.351)	0.201	0.022
169	14.08	0.90	0.263	(0.349)	0.236	0.026
170	14.17	0.90	0.263	(0.347)	0.236	0.026

171	14.25	0.90	0.263	(0.346)	0.236	0.026
172	14.33	0.87	0.253	(0.344)	0.228	0.025
173	14.42	0.87	0.253	(0.342)	0.228	0.025
174	14.50	0.87	0.253	(0.340)	0.228	0.025
175	14.58	0.87	0.253	(0.339)	0.228	0.025
176	14.67	0.87	0.253	(0.337)	0.228	0.025
177	14.75	0.87	0.253	(0.335)	0.228	0.025
178	14.83	0.83	0.243	(0.333)	0.219	0.024
179	14.92	0.83	0.243	(0.332)	0.219	0.024
180	15.00	0.83	0.243	(0.330)	0.219	0.024
181	15.08	0.80	0.233	(0.328)	0.210	0.023
182	15.17	0.80	0.233	(0.327)	0.210	0.023
183	15.25	0.80	0.233	(0.325)	0.210	0.023
184	15.33	0.77	0.224	(0.323)	0.201	0.022
185	15.42	0.77	0.224	(0.322)	0.201	0.022
186	15.50	0.77	0.224	(0.320)	0.201	0.022
187	15.58	0.63	0.185	(0.318)	0.166	0.018
188	15.67	0.63	0.185	(0.317)	0.166	0.018
189	15.75	0.63	0.185	(0.315)	0.166	0.018
190	15.83	0.63	0.185	(0.313)	0.166	0.018
191	15.92	0.63	0.185	(0.312)	0.166	0.018
192	16.00	0.63	0.185	(0.310)	0.166	0.018
193	16.08	0.13	0.039	(0.309)	0.035	0.004
194	16.17	0.13	0.039	(0.307)	0.035	0.004
195	16.25	0.13	0.039	(0.306)	0.035	0.004
196	16.33	0.13	0.039	(0.304)	0.035	0.004
197	16.42	0.13	0.039	(0.302)	0.035	0.004
198	16.50	0.13	0.039	(0.301)	0.035	0.004
199	16.58	0.10	0.029	(0.299)	0.026	0.003
200	16.67	0.10	0.029	(0.298)	0.026	0.003
201	16.75	0.10	0.029	(0.296)	0.026	0.003
202	16.83	0.10	0.029	(0.295)	0.026	0.003
203	16.92	0.10	0.029	(0.293)	0.026	0.003
204	17.00	0.10	0.029	(0.292)	0.026	0.003
205	17.08	0.17	0.049	(0.290)	0.044	0.005
206	17.17	0.17	0.049	(0.289)	0.044	0.005
207	17.25	0.17	0.049	(0.287)	0.044	0.005
208	17.33	0.17	0.049	(0.286)	0.044	0.005
209	17.42	0.17	0.049	(0.285)	0.044	0.005
210	17.50	0.17	0.049	(0.283)	0.044	0.005
211	17.58	0.17	0.049	(0.282)	0.044	0.005
212	17.67	0.17	0.049	(0.280)	0.044	0.005
213	17.75	0.17	0.049	(0.279)	0.044	0.005
214	17.83	0.13	0.039	(0.278)	0.035	0.004
215	17.92	0.13	0.039	(0.276)	0.035	0.004
216	18.00	0.13	0.039	(0.275)	0.035	0.004
217	18.08	0.13	0.039	(0.273)	0.035	0.004
218	18.17	0.13	0.039	(0.272)	0.035	0.004
219	18.25	0.13	0.039	(0.271)	0.035	0.004
220	18.33	0.13	0.039	(0.269)	0.035	0.004
221	18.42	0.13	0.039	(0.268)	0.035	0.004
222	18.50	0.13	0.039	(0.267)	0.035	0.004
223	18.58	0.10	0.029	(0.266)	0.026	0.003
224	18.67	0.10	0.029	(0.264)	0.026	0.003
225	18.75	0.10	0.029	(0.263)	0.026	0.003
226	18.83	0.07	0.019	(0.262)	0.018	0.002
227	18.92	0.07	0.019	(0.260)	0.018	0.002

228	19.00	0.07	0.019	(0.259)	0.018	0.002
229	19.08	0.10	0.029	(0.258)	0.026	0.003
230	19.17	0.10	0.029	(0.257)	0.026	0.003
231	19.25	0.10	0.029	(0.256)	0.026	0.003
232	19.33	0.13	0.039	(0.254)	0.035	0.004
233	19.42	0.13	0.039	(0.253)	0.035	0.004
234	19.50	0.13	0.039	(0.252)	0.035	0.004
235	19.58	0.10	0.029	(0.251)	0.026	0.003
236	19.67	0.10	0.029	(0.250)	0.026	0.003
237	19.75	0.10	0.029	(0.249)	0.026	0.003
238	19.83	0.07	0.019	(0.248)	0.018	0.002
239	19.92	0.07	0.019	(0.246)	0.018	0.002
240	20.00	0.07	0.019	(0.245)	0.018	0.002
241	20.08	0.10	0.029	(0.244)	0.026	0.003
242	20.17	0.10	0.029	(0.243)	0.026	0.003
243	20.25	0.10	0.029	(0.242)	0.026	0.003
244	20.33	0.10	0.029	(0.241)	0.026	0.003
245	20.42	0.10	0.029	(0.240)	0.026	0.003
246	20.50	0.10	0.029	(0.239)	0.026	0.003
247	20.58	0.10	0.029	(0.238)	0.026	0.003
248	20.67	0.10	0.029	(0.237)	0.026	0.003
249	20.75	0.10	0.029	(0.236)	0.026	0.003
250	20.83	0.07	0.019	(0.235)	0.018	0.002
251	20.92	0.07	0.019	(0.234)	0.018	0.002
252	21.00	0.07	0.019	(0.233)	0.018	0.002
253	21.08	0.10	0.029	(0.232)	0.026	0.003
254	21.17	0.10	0.029	(0.231)	0.026	0.003
255	21.25	0.10	0.029	(0.230)	0.026	0.003
256	21.33	0.07	0.019	(0.230)	0.018	0.002
257	21.42	0.07	0.019	(0.229)	0.018	0.002
258	21.50	0.07	0.019	(0.228)	0.018	0.002
259	21.58	0.10	0.029	(0.227)	0.026	0.003
260	21.67	0.10	0.029	(0.226)	0.026	0.003
261	21.75	0.10	0.029	(0.225)	0.026	0.003
262	21.83	0.07	0.019	(0.225)	0.018	0.002
263	21.92	0.07	0.019	(0.224)	0.018	0.002
264	22.00	0.07	0.019	(0.223)	0.018	0.002
265	22.08	0.10	0.029	(0.222)	0.026	0.003
266	22.17	0.10	0.029	(0.222)	0.026	0.003
267	22.25	0.10	0.029	(0.221)	0.026	0.003
268	22.33	0.07	0.019	(0.220)	0.018	0.002
269	22.42	0.07	0.019	(0.220)	0.018	0.002
270	22.50	0.07	0.019	(0.219)	0.018	0.002
271	22.58	0.07	0.019	(0.218)	0.018	0.002
272	22.67	0.07	0.019	(0.218)	0.018	0.002
273	22.75	0.07	0.019	(0.217)	0.018	0.002
274	22.83	0.07	0.019	(0.216)	0.018	0.002
275	22.92	0.07	0.019	(0.216)	0.018	0.002
276	23.00	0.07	0.019	(0.215)	0.018	0.002
277	23.08	0.07	0.019	(0.215)	0.018	0.002
278	23.17	0.07	0.019	(0.214)	0.018	0.002
279	23.25	0.07	0.019	(0.214)	0.018	0.002
280	23.33	0.07	0.019	(0.214)	0.018	0.002
281	23.42	0.07	0.019	(0.213)	0.018	0.002
282	23.50	0.07	0.019	(0.213)	0.018	0.002
283	23.58	0.07	0.019	(0.212)	0.018	0.002
284	23.67	0.07	0.019	(0.212)	0.018	0.002

285	23.75	0.07	0.019	(0.212)	0.018	0.002
286	23.83	0.07	0.019	(0.212)	0.018	0.002
287	23.92	0.07	0.019	(0.211)	0.018	0.002
288	24.00	0.07	0.019	(0.211)	0.018	0.002

(Loss Rate Not Used)

Sum = 100.0 Sum = 2.9

Flood volume = Effective rainfall 0.24(In)
times area 40.1(Ac.)/[(In)/(Ft.)] = 0.8(Ac.Ft)
Total soil loss = 2.19(In)
Total soil loss = 7.315(Ac.Ft)
Total rainfall = 2.43(In)
Flood volume = 35404.1 Cubic Feet
Total soil loss = 318636.5 Cubic Feet

Peak flow rate of this hydrograph = 1.310(CFS)

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

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.01	Q				
0+10	0.0002	0.03	Q				
0+15	0.0006	0.05	Q				
0+20	0.0010	0.06	Q				
0+25	0.0016	0.08	Q				
0+30	0.0023	0.10	Q				
0+35	0.0030	0.10	Q				
0+40	0.0037	0.11	Q				
0+45	0.0044	0.11	Q				
0+50	0.0052	0.11	Q				
0+55	0.0061	0.13	Q				
1+ 0	0.0071	0.14	Q				
1+ 5	0.0081	0.14	Q				
1+10	0.0090	0.13	Q				
1+15	0.0099	0.13	Q				
1+20	0.0107	0.12	Q				
1+25	0.0115	0.12	Q				
1+30	0.0124	0.12	Q				
1+35	0.0132	0.12	Q				
1+40	0.0140	0.12	Q				
1+45	0.0149	0.12	Q				
1+50	0.0157	0.12	Q				
1+55	0.0166	0.13	Q				
2+ 0	0.0176	0.14	Q				
2+ 5	0.0186	0.15	Q				
2+10	0.0197	0.15	Q				
2+15	0.0207	0.15	QV				
2+20	0.0218	0.15	QV				
2+25	0.0228	0.15	QV				
2+30	0.0239	0.16	QV				
2+35	0.0250	0.16	QV				
2+40	0.0262	0.17	QV				

2+45	0.0275	0.18	QV	|	|	|	|
2+50	0.0287	0.19	QV	|	|	|	|
2+55	0.0300	0.19	QV	|	|	|	|
3+ 0	0.0314	0.19	QV	|	|	|	|
3+ 5	0.0327	0.19	QV	|	|	|	|
3+10	0.0340	0.19	QV	|	|	|	|
3+15	0.0354	0.19	QV	|	|	|	|
3+20	0.0367	0.20	QV	|	|	|	|
3+25	0.0381	0.20	QV	|	|	|	|
3+30	0.0394	0.20	QV	|	|	|	|
3+35	0.0408	0.20	Q V	|	|	|	|
3+40	0.0421	0.20	Q V	|	|	|	|
3+45	0.0435	0.20	Q V	|	|	|	|
3+50	0.0449	0.20	Q V	|	|	|	|
3+55	0.0463	0.21	Q V	|	|	|	|
4+ 0	0.0478	0.22	Q V	|	|	|	|
4+ 5	0.0494	0.23	Q V	|	|	|	|
4+10	0.0510	0.23	Q V	|	|	|	|
4+15	0.0526	0.23	Q V	|	|	|	|
4+20	0.0542	0.24	Q V	|	|	|	|
4+25	0.0559	0.25	Q V	|	|	|	|
4+30	0.0577	0.26	|QV	|	|	|	|
4+35	0.0595	0.26	|QV	|	|	|	|
4+40	0.0614	0.27	|Q V	|	|	|	|
4+45	0.0632	0.27	|Q V	|	|	|	|
4+50	0.0651	0.27	|Q V	|	|	|	|
4+55	0.0671	0.29	|Q V	|	|	|	|
5+ 0	0.0692	0.30	|Q V	|	|	|	|
5+ 5	0.0712	0.30	|Q V	|	|	|	|
5+10	0.0731	0.28	|Q V	|	|	|	|
5+15	0.0749	0.26	|Q V	|	|	|	|
5+20	0.0766	0.25	|Q V	|	|	|	|
5+25	0.0784	0.26	|Q V	|	|	|	|
5+30	0.0803	0.27	|Q V	|	|	|	|
5+35	0.0822	0.27	|Q V	|	|	|	|
5+40	0.0842	0.29	|Q V	|	|	|	|
5+45	0.0862	0.30	|Q V	|	|	|	|
5+50	0.0883	0.30	|Q V	|	|	|	|
5+55	0.0905	0.31	|Q V	|	|	|	|
6+ 0	0.0926	0.31	|Q V	|	|	|	|
6+ 5	0.0947	0.31	|Q V	|	|	|	|
6+10	0.0970	0.33	|Q V	|	|	|	|
6+15	0.0993	0.34	|Q V	|	|	|	|
6+20	0.1017	0.34	|Q V	|	|	|	|
6+25	0.1041	0.35	|Q V	|	|	|	|
6+30	0.1065	0.35	|Q V	|	|	|	|
6+35	0.1089	0.35	|Q V	|	|	|	|
6+40	0.1114	0.37	|Q V	|	|	|	|
6+45	0.1140	0.38	|Q V	|	|	|	|
6+50	0.1167	0.38	|Q V	|	|	|	|
6+55	0.1193	0.39	|Q V	|	|	|	|
7+ 0	0.1220	0.39	|Q V	|	|	|	|
7+ 5	0.1247	0.39	|Q V	|	|	|	|
7+10	0.1274	0.39	|Q V	|	|	|	|
7+15	0.1301	0.39	|Q V	|	|	|	|
7+20	0.1328	0.39	|Q V	|	|	|	|
7+25	0.1356	0.41	|Q V	|	|	|	|

7+30	0.1385	0.42	Q V				
7+35	0.1414	0.43	Q V				
7+40	0.1444	0.44	Q V				
7+45	0.1476	0.45	Q V				
7+50	0.1508	0.46	Q V				
7+55	0.1540	0.48	Q V				
8+ 0	0.1574	0.49	Q V				
8+ 5	0.1609	0.50	Q V				
8+10	0.1646	0.53	Q V				
8+15	0.1684	0.56	Q V				
8+20	0.1723	0.57	Q V				
8+25	0.1762	0.57	Q V				
8+30	0.1802	0.58	Q V				
8+35	0.1842	0.58	Q V				
8+40	0.1884	0.60	Q V				
8+45	0.1926	0.61	Q V				
8+50	0.1968	0.62	Q V				
8+55	0.2012	0.64	Q V				
9+ 0	0.2057	0.65	Q V				
9+ 5	0.2102	0.66	Q V				
9+10	0.2150	0.69	Q V				
9+15	0.2199	0.71	Q V				
9+20	0.2249	0.73	Q V				
9+25	0.2300	0.75	Q V				
9+30	0.2353	0.76	Q V				
9+35	0.2406	0.77	Q V				
9+40	0.2460	0.79	Q V				
9+45	0.2516	0.80	Q V				
9+50	0.2572	0.81	Q V				
9+55	0.2629	0.83	Q V				
10+ 0	0.2687	0.84	Q V				
10+ 5	0.2744	0.83	Q V				
10+10	0.2796	0.75	Q V				
10+15	0.2842	0.68	Q V				
10+20	0.2887	0.65	Q V				
10+25	0.2931	0.63	Q V				
10+30	0.2973	0.62	Q V				
10+35	0.3017	0.63	Q V				
10+40	0.3064	0.68	Q V				
10+45	0.3114	0.73	Q V				
10+50	0.3166	0.75	Q V				
10+55	0.3218	0.76	Q V				
11+ 0	0.3271	0.77	Q V				
11+ 5	0.3324	0.77	Q V				
11+10	0.3376	0.76	Q V				
11+15	0.3428	0.75	Q V				
11+20	0.3480	0.75	Q V				
11+25	0.3531	0.75	Q V				
11+30	0.3583	0.75	Q V				
11+35	0.3634	0.74	Q V				
11+40	0.3684	0.72	Q V				
11+45	0.3732	0.70	Q V				
11+50	0.3779	0.69	Q V				
11+55	0.3827	0.70	Q V				
12+ 0	0.3876	0.70	Q V				
12+ 5	0.3926	0.73	Q V				
12+10	0.3982	0.81	Q V				

12+15	0.4043	0.89	Q		V		
12+20	0.4106	0.92	Q		V		
12+25	0.4172	0.95	Q		V		
12+30	0.4239	0.98	Q		V		
12+35	0.4308	0.99	Q		V		
12+40	0.4378	1.03	Q		V		
12+45	0.4451	1.06	Q		V		
12+50	0.4525	1.07	Q		V		
12+55	0.4600	1.09	Q		V		
13+ 0	0.4677	1.11	Q		V		
13+ 5	0.4755	1.13	Q		V		
13+10	0.4838	1.20	Q		V		
13+15	0.4925	1.26	Q		V		
13+20	0.5013	1.29	Q		V		
13+25	0.5103	1.30	Q		V		
13+30	0.5193	1.31	Q		V		
13+35	0.5281	1.29	Q		V		
13+40	0.5361	1.16	Q		V		
13+45	0.5433	1.04	Q		V		
13+50	0.5502	1.00	Q		V		
13+55	0.5569	0.97	Q		V		
14+ 0	0.5634	0.95	Q		V		
14+ 5	0.5700	0.95	Q		V		
14+10	0.5768	0.99	Q		V		
14+15	0.5839	1.03	Q		V		
14+20	0.5911	1.04	Q		V		
14+25	0.5982	1.03	Q		V		
14+30	0.6052	1.02	Q		V		
14+35	0.6123	1.02	Q		V		
14+40	0.6193	1.02	Q		V		
14+45	0.6263	1.02	Q		V		
14+50	0.6333	1.02	Q		V		
14+55	0.6403	1.01	Q		V		
15+ 0	0.6471	1.00	Q		V		
15+ 5	0.6539	0.99	Q		V		
15+10	0.6607	0.98	Q		V		
15+15	0.6673	0.96	Q		V		
15+20	0.6739	0.95	Q		V		
15+25	0.6803	0.94	Q		V		
15+30	0.6867	0.92	Q		V		
15+35	0.6929	0.91	Q		V		
15+40	0.6988	0.85	Q		V		
15+45	0.7044	0.81	Q		V		
15+50	0.7098	0.79	Q		V		
15+55	0.7152	0.78	Q		V		
16+ 0	0.7205	0.77	Q		V		
16+ 5	0.7254	0.72	Q		V		
16+10	0.7291	0.53	Q		V		
16+15	0.7316	0.37	Q		V		
16+20	0.7337	0.30	Q		V		
16+25	0.7355	0.26	Q		V		
16+30	0.7371	0.23	Q		V		
16+35	0.7385	0.21	Q		V		
16+40	0.7398	0.18	Q		V		
16+45	0.7409	0.16	Q		V		
16+50	0.7419	0.15	Q		V		
16+55	0.7429	0.14	Q		V		

17+ 0	0.7438	0.13	Q	|	|	|	V |
17+ 5	0.7447	0.13	Q	|	|	|	V |
17+10	0.7458	0.15	Q	|	|	|	V |
17+15	0.7469	0.17	Q	|	|	|	V |
17+20	0.7482	0.18	Q	|	|	|	V |
17+25	0.7495	0.18	Q	|	|	|	V |
17+30	0.7507	0.19	Q	|	|	|	V |
17+35	0.7521	0.19	Q	|	|	|	V |
17+40	0.7534	0.19	Q	|	|	|	V |
17+45	0.7547	0.19	Q	|	|	|	V |
17+50	0.7560	0.19	Q	|	|	|	V |
17+55	0.7573	0.18	Q	|	|	|	V |
18+ 0	0.7584	0.17	Q	|	|	|	V |
18+ 5	0.7596	0.17	Q	|	|	|	V |
18+10	0.7607	0.16	Q	|	|	|	V |
18+15	0.7618	0.16	Q	|	|	|	V |
18+20	0.7629	0.16	Q	|	|	|	V |
18+25	0.7640	0.16	Q	|	|	|	V |
18+30	0.7651	0.16	Q	|	|	|	V |
18+35	0.7662	0.16	Q	|	|	|	V |
18+40	0.7672	0.14	Q	|	|	|	V |
18+45	0.7681	0.13	Q	|	|	|	V |
18+50	0.7689	0.12	Q	|	|	|	V |
18+55	0.7697	0.11	Q	|	|	|	V |
19+ 0	0.7704	0.10	Q	|	|	|	V |
19+ 5	0.7710	0.09	Q	|	|	|	V |
19+10	0.7717	0.10	Q	|	|	|	V |
19+15	0.7725	0.11	Q	|	|	|	V |
19+20	0.7733	0.12	Q	|	|	|	V |
19+25	0.7742	0.13	Q	|	|	|	V |
19+30	0.7752	0.14	Q	|	|	|	V |
19+35	0.7762	0.14	Q	|	|	|	V |
19+40	0.7771	0.13	Q	|	|	|	V |
19+45	0.7779	0.13	Q	|	|	|	V |
19+50	0.7788	0.12	Q	|	|	|	V |
19+55	0.7795	0.11	Q	|	|	|	V |
20+ 0	0.7801	0.09	Q	|	|	|	V |
20+ 5	0.7808	0.09	Q	|	|	|	V |
20+10	0.7815	0.10	Q	|	|	|	V |
20+15	0.7822	0.11	Q	|	|	|	V |
20+20	0.7830	0.11	Q	|	|	|	V |
20+25	0.7838	0.11	Q	|	|	|	V |
20+30	0.7846	0.12	Q	|	|	|	V |
20+35	0.7854	0.12	Q	|	|	|	V |
20+40	0.7862	0.12	Q	|	|	|	V |
20+45	0.7870	0.12	Q	|	|	|	V |
20+50	0.7878	0.11	Q	|	|	|	V |
20+55	0.7885	0.10	Q	|	|	|	V |
21+ 0	0.7891	0.09	Q	|	|	|	V |
21+ 5	0.7898	0.09	Q	|	|	|	V |
21+10	0.7904	0.10	Q	|	|	|	V |
21+15	0.7912	0.11	Q	|	|	|	V |
21+20	0.7920	0.11	Q	|	|	|	V |
21+25	0.7926	0.10	Q	|	|	|	V|
21+30	0.7933	0.09	Q	|	|	|	V|
21+35	0.7939	0.09	Q	|	|	|	V|
21+40	0.7945	0.10	Q	|	|	|	V|

21+45	0.7953	0.11	Q	|	|	|	V|
21+50	0.7960	0.11	Q	|	|	|	V|
21+55	0.7967	0.10	Q	|	|	|	V|
22+ 0	0.7973	0.09	Q	|	|	|	V|
22+ 5	0.7979	0.09	Q	|	|	|	V|
22+10	0.7986	0.10	Q	|	|	|	V|
22+15	0.7994	0.11	Q	|	|	|	V|
22+20	0.8001	0.11	Q	|	|	|	V|
22+25	0.8008	0.10	Q	|	|	|	V|
22+30	0.8014	0.09	Q	|	|	|	V|
22+35	0.8020	0.09	Q	|	|	|	V|
22+40	0.8025	0.08	Q	|	|	|	V|
22+45	0.8031	0.08	Q	|	|	|	V|
22+50	0.8037	0.08	Q	|	|	|	V|
22+55	0.8042	0.08	Q	|	|	|	V|
23+ 0	0.8048	0.08	Q	|	|	|	V|
23+ 5	0.8053	0.08	Q	|	|	|	V|
23+10	0.8059	0.08	Q	|	|	|	V|
23+15	0.8064	0.08	Q	|	|	|	V|
23+20	0.8070	0.08	Q	|	|	|	V|
23+25	0.8075	0.08	Q	|	|	|	V|
23+30	0.8081	0.08	Q	|	|	|	V|
23+35	0.8086	0.08	Q	|	|	|	V|
23+40	0.8091	0.08	Q	|	|	|	V|
23+45	0.8097	0.08	Q	|	|	|	V|
23+50	0.8102	0.08	Q	|	|	|	V|
23+55	0.8108	0.08	Q	|	|	|	V|
24+ 0	0.8113	0.08	Q	|	|	|	V|
24+ 5	0.8118	0.07	Q	|	|	|	V|
24+10	0.8121	0.05	Q	|	|	|	V|
24+15	0.8123	0.03	Q	|	|	|	V|
24+20	0.8124	0.02	Q	|	|	|	V|
24+25	0.8125	0.01	Q	|	|	|	V|
24+30	0.8126	0.01	Q	|	|	|	V|
24+35	0.8127	0.01	Q	|	|	|	V|
24+40	0.8127	0.01	Q	|	|	|	V|
24+45	0.8127	0.00	Q	|	|	|	V|
24+50	0.8127	0.00	Q	|	|	|	V|
24+55	0.8127	0.00	Q	|	|	|	V|
25+ 0	0.8128	0.00	Q	|	|	|	V|
25+ 5	0.8128	0.00	Q	|	|	|	V|
25+10	0.8128	0.00	Q	|	|	|	V|

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

Study date 11/09/20 File: cottonwoodex2410.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
EXISTING Hydrology
10-Year-24 Hour Event

Drainage Area = 40.10(Ac.) = 0.063 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 40.10(Ac.) = 0.063 Sq. Mi.
Length along longest watercourse = 1820.00(Ft.)
Length along longest watercourse measured to centroid = 1030.00(Ft.)
Length along longest watercourse = 0.345 Mi.
Length along longest watercourse measured to centroid = 0.195 Mi.
Difference in elevation = 6.10(Ft.)
Slope along watercourse = 17.6967 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time = 0.150 Hr.
Lag time = 8.97 Min.
25% of lag time = 2.24 Min.
40% of lag time = 3.59 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
40.10	1.80	72.18

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

40.10 4.50 180.45

STORM EVENT (YEAR) = 10.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 2.911(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 2.911(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
40.100	81.00	0.000

Total Area Entered = 40.10(Ac.)

RI AMC2	RI AMC-1	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
81.0	64.4	0.422	0.000	0.422	1.000	0.422
					Sum (F) =	0.422

Area averaged mean soil loss (F) (In/Hr) = 0.422
Minimum soil loss rate ((In/Hr)) = 0.211
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.900

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	55.729	7.275	2.940
2	0.167	111.458	30.802	12.448
3	0.250	167.187	27.843	11.252
4	0.333	222.917	11.203	4.527
5	0.417	278.646	6.363	2.572
6	0.500	334.375	4.354	1.760
7	0.583	390.104	3.162	1.278
8	0.667	445.833	2.261	0.914
9	0.750	501.562	1.746	0.706
10	0.833	557.291	1.435	0.580
11	0.917	613.021	1.081	0.437
12	1.000	668.750	0.833	0.337
13	1.083	724.479	0.606	0.245
14	1.167	780.208	0.557	0.225
15	1.250	835.937	0.477	0.193
			Sum = 100.000	Sum= 40.413

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

Unit Time	Pattern	Storm Rain	Loss rate(In./Hr)	Effective

	(Hr.)	Percent	(In/Hr)	Max	Low	(In/Hr)
1	0.08	0.07	0.023	(0.749)	0.021	0.002
2	0.17	0.07	0.023	(0.746)	0.021	0.002
3	0.25	0.07	0.023	(0.743)	0.021	0.002
4	0.33	0.10	0.035	(0.740)	0.031	0.003
5	0.42	0.10	0.035	(0.737)	0.031	0.003
6	0.50	0.10	0.035	(0.735)	0.031	0.003
7	0.58	0.10	0.035	(0.732)	0.031	0.003
8	0.67	0.10	0.035	(0.729)	0.031	0.003
9	0.75	0.10	0.035	(0.726)	0.031	0.003
10	0.83	0.13	0.047	(0.723)	0.042	0.005
11	0.92	0.13	0.047	(0.720)	0.042	0.005
12	1.00	0.13	0.047	(0.717)	0.042	0.005
13	1.08	0.10	0.035	(0.715)	0.031	0.003
14	1.17	0.10	0.035	(0.712)	0.031	0.003
15	1.25	0.10	0.035	(0.709)	0.031	0.003
16	1.33	0.10	0.035	(0.706)	0.031	0.003
17	1.42	0.10	0.035	(0.703)	0.031	0.003
18	1.50	0.10	0.035	(0.700)	0.031	0.003
19	1.58	0.10	0.035	(0.698)	0.031	0.003
20	1.67	0.10	0.035	(0.695)	0.031	0.003
21	1.75	0.10	0.035	(0.692)	0.031	0.003
22	1.83	0.13	0.047	(0.689)	0.042	0.005
23	1.92	0.13	0.047	(0.687)	0.042	0.005
24	2.00	0.13	0.047	(0.684)	0.042	0.005
25	2.08	0.13	0.047	(0.681)	0.042	0.005
26	2.17	0.13	0.047	(0.678)	0.042	0.005
27	2.25	0.13	0.047	(0.675)	0.042	0.005
28	2.33	0.13	0.047	(0.673)	0.042	0.005
29	2.42	0.13	0.047	(0.670)	0.042	0.005
30	2.50	0.13	0.047	(0.667)	0.042	0.005
31	2.58	0.17	0.058	(0.665)	0.052	0.006
32	2.67	0.17	0.058	(0.662)	0.052	0.006
33	2.75	0.17	0.058	(0.659)	0.052	0.006
34	2.83	0.17	0.058	(0.656)	0.052	0.006
35	2.92	0.17	0.058	(0.654)	0.052	0.006
36	3.00	0.17	0.058	(0.651)	0.052	0.006
37	3.08	0.17	0.058	(0.648)	0.052	0.006
38	3.17	0.17	0.058	(0.646)	0.052	0.006
39	3.25	0.17	0.058	(0.643)	0.052	0.006
40	3.33	0.17	0.058	(0.640)	0.052	0.006
41	3.42	0.17	0.058	(0.638)	0.052	0.006
42	3.50	0.17	0.058	(0.635)	0.052	0.006
43	3.58	0.17	0.058	(0.632)	0.052	0.006
44	3.67	0.17	0.058	(0.630)	0.052	0.006
45	3.75	0.17	0.058	(0.627)	0.052	0.006
46	3.83	0.20	0.070	(0.624)	0.063	0.007
47	3.92	0.20	0.070	(0.622)	0.063	0.007
48	4.00	0.20	0.070	(0.619)	0.063	0.007
49	4.08	0.20	0.070	(0.616)	0.063	0.007
50	4.17	0.20	0.070	(0.614)	0.063	0.007
51	4.25	0.20	0.070	(0.611)	0.063	0.007
52	4.33	0.23	0.081	(0.609)	0.073	0.008
53	4.42	0.23	0.081	(0.606)	0.073	0.008
54	4.50	0.23	0.081	(0.603)	0.073	0.008
55	4.58	0.23	0.081	(0.601)	0.073	0.008
56	4.67	0.23	0.081	(0.598)	0.073	0.008

57	4.75	0.23	0.081	(0.596)	0.073	0.008
58	4.83	0.27	0.093	(0.593)	0.084	0.009
59	4.92	0.27	0.093	(0.590)	0.084	0.009
60	5.00	0.27	0.093	(0.588)	0.084	0.009
61	5.08	0.20	0.070	(0.585)	0.063	0.007
62	5.17	0.20	0.070	(0.583)	0.063	0.007
63	5.25	0.20	0.070	(0.580)	0.063	0.007
64	5.33	0.23	0.081	(0.578)	0.073	0.008
65	5.42	0.23	0.081	(0.575)	0.073	0.008
66	5.50	0.23	0.081	(0.573)	0.073	0.008
67	5.58	0.27	0.093	(0.570)	0.084	0.009
68	5.67	0.27	0.093	(0.568)	0.084	0.009
69	5.75	0.27	0.093	(0.565)	0.084	0.009
70	5.83	0.27	0.093	(0.563)	0.084	0.009
71	5.92	0.27	0.093	(0.560)	0.084	0.009
72	6.00	0.27	0.093	(0.558)	0.084	0.009
73	6.08	0.30	0.105	(0.555)	0.094	0.010
74	6.17	0.30	0.105	(0.553)	0.094	0.010
75	6.25	0.30	0.105	(0.550)	0.094	0.010
76	6.33	0.30	0.105	(0.548)	0.094	0.010
77	6.42	0.30	0.105	(0.545)	0.094	0.010
78	6.50	0.30	0.105	(0.543)	0.094	0.010
79	6.58	0.33	0.116	(0.540)	0.105	0.012
80	6.67	0.33	0.116	(0.538)	0.105	0.012
81	6.75	0.33	0.116	(0.536)	0.105	0.012
82	6.83	0.33	0.116	(0.533)	0.105	0.012
83	6.92	0.33	0.116	(0.531)	0.105	0.012
84	7.00	0.33	0.116	(0.528)	0.105	0.012
85	7.08	0.33	0.116	(0.526)	0.105	0.012
86	7.17	0.33	0.116	(0.524)	0.105	0.012
87	7.25	0.33	0.116	(0.521)	0.105	0.012
88	7.33	0.37	0.128	(0.519)	0.115	0.013
89	7.42	0.37	0.128	(0.516)	0.115	0.013
90	7.50	0.37	0.128	(0.514)	0.115	0.013
91	7.58	0.40	0.140	(0.512)	0.126	0.014
92	7.67	0.40	0.140	(0.509)	0.126	0.014
93	7.75	0.40	0.140	(0.507)	0.126	0.014
94	7.83	0.43	0.151	(0.505)	0.136	0.015
95	7.92	0.43	0.151	(0.502)	0.136	0.015
96	8.00	0.43	0.151	(0.500)	0.136	0.015
97	8.08	0.50	0.175	(0.498)	0.157	0.017
98	8.17	0.50	0.175	(0.495)	0.157	0.017
99	8.25	0.50	0.175	(0.493)	0.157	0.017
100	8.33	0.50	0.175	(0.491)	0.157	0.017
101	8.42	0.50	0.175	(0.488)	0.157	0.017
102	8.50	0.50	0.175	(0.486)	0.157	0.017
103	8.58	0.53	0.186	(0.484)	0.168	0.019
104	8.67	0.53	0.186	(0.482)	0.168	0.019
105	8.75	0.53	0.186	(0.479)	0.168	0.019
106	8.83	0.57	0.198	(0.477)	0.178	0.020
107	8.92	0.57	0.198	(0.475)	0.178	0.020
108	9.00	0.57	0.198	(0.473)	0.178	0.020
109	9.08	0.63	0.221	(0.470)	0.199	0.022
110	9.17	0.63	0.221	(0.468)	0.199	0.022
111	9.25	0.63	0.221	(0.466)	0.199	0.022
112	9.33	0.67	0.233	(0.464)	0.210	0.023
113	9.42	0.67	0.233	(0.461)	0.210	0.023

114	9.50	0.67	0.233	(0.459)	0.210	0.023
115	9.58	0.70	0.244	(0.457)	0.220	0.024
116	9.67	0.70	0.244	(0.455)	0.220	0.024
117	9.75	0.70	0.244	(0.453)	0.220	0.024
118	9.83	0.73	0.256	(0.450)	0.231	0.026
119	9.92	0.73	0.256	(0.448)	0.231	0.026
120	10.00	0.73	0.256	(0.446)	0.231	0.026
121	10.08	0.50	0.175	(0.444)	0.157	0.017
122	10.17	0.50	0.175	(0.442)	0.157	0.017
123	10.25	0.50	0.175	(0.440)	0.157	0.017
124	10.33	0.50	0.175	(0.438)	0.157	0.017
125	10.42	0.50	0.175	(0.435)	0.157	0.017
126	10.50	0.50	0.175	(0.433)	0.157	0.017
127	10.58	0.67	0.233	(0.431)	0.210	0.023
128	10.67	0.67	0.233	(0.429)	0.210	0.023
129	10.75	0.67	0.233	(0.427)	0.210	0.023
130	10.83	0.67	0.233	(0.425)	0.210	0.023
131	10.92	0.67	0.233	(0.423)	0.210	0.023
132	11.00	0.67	0.233	(0.421)	0.210	0.023
133	11.08	0.63	0.221	(0.419)	0.199	0.022
134	11.17	0.63	0.221	(0.417)	0.199	0.022
135	11.25	0.63	0.221	(0.415)	0.199	0.022
136	11.33	0.63	0.221	(0.412)	0.199	0.022
137	11.42	0.63	0.221	(0.410)	0.199	0.022
138	11.50	0.63	0.221	(0.408)	0.199	0.022
139	11.58	0.57	0.198	(0.406)	0.178	0.020
140	11.67	0.57	0.198	(0.404)	0.178	0.020
141	11.75	0.57	0.198	(0.402)	0.178	0.020
142	11.83	0.60	0.210	(0.400)	0.189	0.021
143	11.92	0.60	0.210	(0.398)	0.189	0.021
144	12.00	0.60	0.210	(0.396)	0.189	0.021
145	12.08	0.83	0.291	(0.394)	0.262	0.029
146	12.17	0.83	0.291	(0.392)	0.262	0.029
147	12.25	0.83	0.291	(0.390)	0.262	0.029
148	12.33	0.87	0.303	(0.388)	0.272	0.030
149	12.42	0.87	0.303	(0.387)	0.272	0.030
150	12.50	0.87	0.303	(0.385)	0.272	0.030
151	12.58	0.93	0.326	(0.383)	0.293	0.033
152	12.67	0.93	0.326	(0.381)	0.293	0.033
153	12.75	0.93	0.326	(0.379)	0.293	0.033
154	12.83	0.97	0.338	(0.377)	0.304	0.034
155	12.92	0.97	0.338	(0.375)	0.304	0.034
156	13.00	0.97	0.338	(0.373)	0.304	0.034
157	13.08	1.13	0.396	(0.371)	0.356	0.040
158	13.17	1.13	0.396	(0.369)	0.356	0.040
159	13.25	1.13	0.396	(0.367)	0.356	0.040
160	13.33	1.13	0.396	(0.366)	0.356	0.040
161	13.42	1.13	0.396	(0.364)	0.356	0.040
162	13.50	1.13	0.396	(0.362)	0.356	0.040
163	13.58	0.77	0.268	(0.360)	0.241	0.027
164	13.67	0.77	0.268	(0.358)	0.241	0.027
165	13.75	0.77	0.268	(0.356)	0.241	0.027
166	13.83	0.77	0.268	(0.355)	0.241	0.027
167	13.92	0.77	0.268	(0.353)	0.241	0.027
168	14.00	0.77	0.268	(0.351)	0.241	0.027
169	14.08	0.90	0.314	(0.349)	0.283	0.031
170	14.17	0.90	0.314	(0.347)	0.283	0.031

171	14.25	0.90	0.314	(0.346)	0.283	0.031
172	14.33	0.87	0.303	(0.344)	0.272	0.030
173	14.42	0.87	0.303	(0.342)	0.272	0.030
174	14.50	0.87	0.303	(0.340)	0.272	0.030
175	14.58	0.87	0.303	(0.339)	0.272	0.030
176	14.67	0.87	0.303	(0.337)	0.272	0.030
177	14.75	0.87	0.303	(0.335)	0.272	0.030
178	14.83	0.83	0.291	(0.333)	0.262	0.029
179	14.92	0.83	0.291	(0.332)	0.262	0.029
180	15.00	0.83	0.291	(0.330)	0.262	0.029
181	15.08	0.80	0.279	(0.328)	0.251	0.028
182	15.17	0.80	0.279	(0.327)	0.251	0.028
183	15.25	0.80	0.279	(0.325)	0.251	0.028
184	15.33	0.77	0.268	(0.323)	0.241	0.027
185	15.42	0.77	0.268	(0.322)	0.241	0.027
186	15.50	0.77	0.268	(0.320)	0.241	0.027
187	15.58	0.63	0.221	(0.318)	0.199	0.022
188	15.67	0.63	0.221	(0.317)	0.199	0.022
189	15.75	0.63	0.221	(0.315)	0.199	0.022
190	15.83	0.63	0.221	(0.313)	0.199	0.022
191	15.92	0.63	0.221	(0.312)	0.199	0.022
192	16.00	0.63	0.221	(0.310)	0.199	0.022
193	16.08	0.13	0.047	(0.309)	0.042	0.005
194	16.17	0.13	0.047	(0.307)	0.042	0.005
195	16.25	0.13	0.047	(0.306)	0.042	0.005
196	16.33	0.13	0.047	(0.304)	0.042	0.005
197	16.42	0.13	0.047	(0.302)	0.042	0.005
198	16.50	0.13	0.047	(0.301)	0.042	0.005
199	16.58	0.10	0.035	(0.299)	0.031	0.003
200	16.67	0.10	0.035	(0.298)	0.031	0.003
201	16.75	0.10	0.035	(0.296)	0.031	0.003
202	16.83	0.10	0.035	(0.295)	0.031	0.003
203	16.92	0.10	0.035	(0.293)	0.031	0.003
204	17.00	0.10	0.035	(0.292)	0.031	0.003
205	17.08	0.17	0.058	(0.290)	0.052	0.006
206	17.17	0.17	0.058	(0.289)	0.052	0.006
207	17.25	0.17	0.058	(0.287)	0.052	0.006
208	17.33	0.17	0.058	(0.286)	0.052	0.006
209	17.42	0.17	0.058	(0.285)	0.052	0.006
210	17.50	0.17	0.058	(0.283)	0.052	0.006
211	17.58	0.17	0.058	(0.282)	0.052	0.006
212	17.67	0.17	0.058	(0.280)	0.052	0.006
213	17.75	0.17	0.058	(0.279)	0.052	0.006
214	17.83	0.13	0.047	(0.278)	0.042	0.005
215	17.92	0.13	0.047	(0.276)	0.042	0.005
216	18.00	0.13	0.047	(0.275)	0.042	0.005
217	18.08	0.13	0.047	(0.273)	0.042	0.005
218	18.17	0.13	0.047	(0.272)	0.042	0.005
219	18.25	0.13	0.047	(0.271)	0.042	0.005
220	18.33	0.13	0.047	(0.269)	0.042	0.005
221	18.42	0.13	0.047	(0.268)	0.042	0.005
222	18.50	0.13	0.047	(0.267)	0.042	0.005
223	18.58	0.10	0.035	(0.266)	0.031	0.003
224	18.67	0.10	0.035	(0.264)	0.031	0.003
225	18.75	0.10	0.035	(0.263)	0.031	0.003
226	18.83	0.07	0.023	(0.262)	0.021	0.002
227	18.92	0.07	0.023	(0.260)	0.021	0.002

228	19.00	0.07	0.023	(0.259)	0.021	0.002
229	19.08	0.10	0.035	(0.258)	0.031	0.003
230	19.17	0.10	0.035	(0.257)	0.031	0.003
231	19.25	0.10	0.035	(0.256)	0.031	0.003
232	19.33	0.13	0.047	(0.254)	0.042	0.005
233	19.42	0.13	0.047	(0.253)	0.042	0.005
234	19.50	0.13	0.047	(0.252)	0.042	0.005
235	19.58	0.10	0.035	(0.251)	0.031	0.003
236	19.67	0.10	0.035	(0.250)	0.031	0.003
237	19.75	0.10	0.035	(0.249)	0.031	0.003
238	19.83	0.07	0.023	(0.248)	0.021	0.002
239	19.92	0.07	0.023	(0.246)	0.021	0.002
240	20.00	0.07	0.023	(0.245)	0.021	0.002
241	20.08	0.10	0.035	(0.244)	0.031	0.003
242	20.17	0.10	0.035	(0.243)	0.031	0.003
243	20.25	0.10	0.035	(0.242)	0.031	0.003
244	20.33	0.10	0.035	(0.241)	0.031	0.003
245	20.42	0.10	0.035	(0.240)	0.031	0.003
246	20.50	0.10	0.035	(0.239)	0.031	0.003
247	20.58	0.10	0.035	(0.238)	0.031	0.003
248	20.67	0.10	0.035	(0.237)	0.031	0.003
249	20.75	0.10	0.035	(0.236)	0.031	0.003
250	20.83	0.07	0.023	(0.235)	0.021	0.002
251	20.92	0.07	0.023	(0.234)	0.021	0.002
252	21.00	0.07	0.023	(0.233)	0.021	0.002
253	21.08	0.10	0.035	(0.232)	0.031	0.003
254	21.17	0.10	0.035	(0.231)	0.031	0.003
255	21.25	0.10	0.035	(0.230)	0.031	0.003
256	21.33	0.07	0.023	(0.230)	0.021	0.002
257	21.42	0.07	0.023	(0.229)	0.021	0.002
258	21.50	0.07	0.023	(0.228)	0.021	0.002
259	21.58	0.10	0.035	(0.227)	0.031	0.003
260	21.67	0.10	0.035	(0.226)	0.031	0.003
261	21.75	0.10	0.035	(0.225)	0.031	0.003
262	21.83	0.07	0.023	(0.225)	0.021	0.002
263	21.92	0.07	0.023	(0.224)	0.021	0.002
264	22.00	0.07	0.023	(0.223)	0.021	0.002
265	22.08	0.10	0.035	(0.222)	0.031	0.003
266	22.17	0.10	0.035	(0.222)	0.031	0.003
267	22.25	0.10	0.035	(0.221)	0.031	0.003
268	22.33	0.07	0.023	(0.220)	0.021	0.002
269	22.42	0.07	0.023	(0.220)	0.021	0.002
270	22.50	0.07	0.023	(0.219)	0.021	0.002
271	22.58	0.07	0.023	(0.218)	0.021	0.002
272	22.67	0.07	0.023	(0.218)	0.021	0.002
273	22.75	0.07	0.023	(0.217)	0.021	0.002
274	22.83	0.07	0.023	(0.216)	0.021	0.002
275	22.92	0.07	0.023	(0.216)	0.021	0.002
276	23.00	0.07	0.023	(0.215)	0.021	0.002
277	23.08	0.07	0.023	(0.215)	0.021	0.002
278	23.17	0.07	0.023	(0.214)	0.021	0.002
279	23.25	0.07	0.023	(0.214)	0.021	0.002
280	23.33	0.07	0.023	(0.214)	0.021	0.002
281	23.42	0.07	0.023	(0.213)	0.021	0.002
282	23.50	0.07	0.023	(0.213)	0.021	0.002
283	23.58	0.07	0.023	(0.212)	0.021	0.002
284	23.67	0.07	0.023	(0.212)	0.021	0.002

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285  23.75     0.07      0.023       (  0.212)       0.021        0.002
286  23.83     0.07      0.023       (  0.212)       0.021        0.002
287  23.92     0.07      0.023       (  0.211)       0.021        0.002
288  24.00     0.07      0.023       (  0.211)       0.021        0.002
            (Loss Rate Not Used)
    Sum =     100.0                                    Sum =     3.5
     Flood volume = Effective rainfall      0.29(In)
      times area      40.1(Ac.)/[(In)/(Ft.)] =       1.0(Ac.Ft)
     Total soil loss =      2.62(In)
     Total soil loss =     8.754(Ac.Ft)
     Total rainfall =      2.91(In)
     Flood volume =       42367.2 Cubic Feet
     Total soil loss =      381304.7 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =      1.568(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        2.5       5.0       7.5      10.0
 ---------------------------------------------------------------------------
   0+ 5       0.0000      0.01  Q          |         |         |         |
   0+10       0.0003      0.04  Q          |         |         |         |
   0+15       0.0007      0.06  Q          |         |         |         |
   0+20       0.0012      0.08  Q          |         |         |         |
   0+25       0.0019      0.10  Q          |         |         |         |
   0+30       0.0027      0.11  Q          |         |         |         |
   0+35       0.0035      0.12  Q          |         |         |         |
   0+40       0.0044      0.13  Q          |         |         |         |
   0+45       0.0053      0.13  Q          |         |         |         |
   0+50       0.0063      0.14  Q          |         |         |         |
   0+55       0.0073      0.15  Q          |         |         |         |
   1+ 0       0.0085      0.17  Q          |         |         |         |
   1+ 5       0.0097      0.17  Q          |         |         |         |
   1+10       0.0108      0.16  Q          |         |         |         |
   1+15       0.0118      0.15  Q          |         |         |         |
   1+20       0.0128      0.15  Q          |         |         |         |
   1+25       0.0138      0.15  Q          |         |         |         |
   1+30       0.0148      0.14  Q          |         |         |         |
   1+35       0.0158      0.14  Q          |         |         |         |
   1+40       0.0168      0.14  Q          |         |         |         |
   1+45       0.0178      0.14  Q          |         |         |         |
   1+50       0.0188      0.15  Q          |         |         |         |
   1+55       0.0199      0.16  Q          |         |         |         |
   2+ 0       0.0211      0.17  Q          |         |         |         |
   2+ 5       0.0223      0.18  Q          |         |         |         |
   2+10       0.0235      0.18  Q          |         |         |         |
   2+15       0.0248      0.18  QV         |         |         |         |
   2+20       0.0261      0.18  QV         |         |         |         |
   2+25       0.0273      0.19  QV         |         |         |         |
   2+30       0.0286      0.19  QV         |         |         |         |
   2+35       0.0299      0.19  QV         |         |         |         |
   2+40       0.0313      0.21  QV         |         |         |         |
```
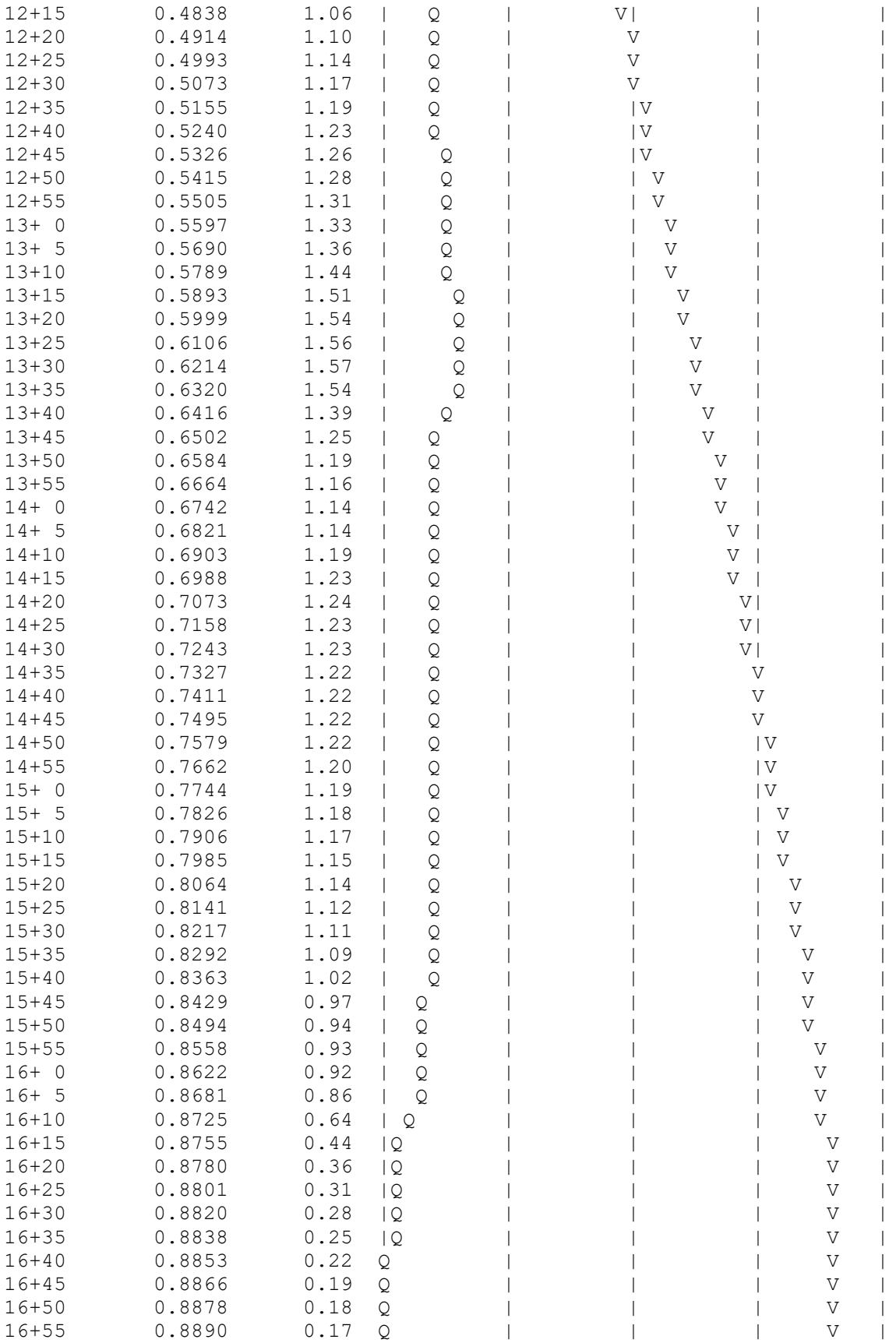

2+45	0.0328	0.22	QV	|	|	|	|
2+50	0.0344	0.22	QV	|	|	|	|
2+55	0.0360	0.23	QV	|	|	|	|
3+ 0	0.0375	0.23	QV	|	|	|	|
3+ 5	0.0391	0.23	QV	|	|	|	|
3+10	0.0407	0.23	QV	|	|	|	|
3+15	0.0423	0.23	QV	|	|	|	|
3+20	0.0439	0.23	QV	|	|	|	|
3+25	0.0456	0.23	QV	|	|	|	|
3+30	0.0472	0.23	QV	|	|	|	|
3+35	0.0488	0.23	Q V	|	|	|	|
3+40	0.0504	0.24	Q V	|	|	|	|
3+45	0.0520	0.24	Q V	|	|	|	|
3+50	0.0537	0.24	Q V	|	|	|	|
3+55	0.0554	0.25	|QV	|	|	|	|
4+ 0	0.0573	0.27	|QV	|	|	|	|
4+ 5	0.0591	0.27	|QV	|	|	|	|
4+10	0.0610	0.27	|QV	|	|	|	|
4+15	0.0629	0.28	|QV	|	|	|	|
4+20	0.0649	0.28	|QV	|	|	|	|
4+25	0.0669	0.30	|QV	|	|	|	|
4+30	0.0691	0.31	|QV	|	|	|	|
4+35	0.0712	0.32	|QV	|	|	|	|
4+40	0.0734	0.32	|Q V	|	|	|	|
4+45	0.0757	0.32	|Q V	|	|	|	|
4+50	0.0779	0.33	|Q V	|	|	|	|
4+55	0.0803	0.34	|Q V	|	|	|	|
5+ 0	0.0828	0.36	|Q V	|	|	|	|
5+ 5	0.0852	0.36	|Q V	|	|	|	|
5+10	0.0875	0.33	|Q V	|	|	|	|
5+15	0.0896	0.31	|Q V	|	|	|	|
5+20	0.0917	0.30	|Q V	|	|	|	|
5+25	0.0939	0.31	|Q V	|	|	|	|
5+30	0.0961	0.32	|Q V	|	|	|	|
5+35	0.0984	0.33	|Q V	|	|	|	|
5+40	0.1007	0.34	|Q V	|	|	|	|
5+45	0.1032	0.36	|Q V	|	|	|	|
5+50	0.1057	0.36	|Q V	|	|	|	|
5+55	0.1082	0.37	|Q V	|	|	|	|
6+ 0	0.1108	0.37	|Q V	|	|	|	|
6+ 5	0.1134	0.38	|Q V	|	|	|	|
6+10	0.1161	0.39	|Q V	|	|	|	|
6+15	0.1189	0.40	|Q V	|	|	|	|
6+20	0.1217	0.41	|Q V	|	|	|	|
6+25	0.1245	0.41	|Q V	|	|	|	|
6+30	0.1274	0.42	|Q V	|	|	|	|
6+35	0.1303	0.42	|Q V	|	|	|	|
6+40	0.1333	0.44	|Q V	|	|	|	|
6+45	0.1365	0.45	|Q V	|	|	|	|
6+50	0.1396	0.46	|Q V	|	|	|	|
6+55	0.1428	0.46	|Q V	|	|	|	|
7+ 0	0.1460	0.46	|Q V	|	|	|	|
7+ 5	0.1492	0.47	|Q V	|	|	|	|
7+10	0.1524	0.47	|Q V	|	|	|	|
7+15	0.1556	0.47	|Q V	|	|	|	|
7+20	0.1589	0.47	|Q V	|	|	|	|
7+25	0.1623	0.49	|Q V	|	|	|	|

7+30	0.1657	0.50	Q V				
7+35	0.1692	0.51	Q V				
7+40	0.1729	0.53	Q V				
7+45	0.1766	0.54	Q V				
7+50	0.1804	0.55	Q V				
7+55	0.1843	0.57	Q V				
8+ 0	0.1884	0.59	Q V				
8+ 5	0.1925	0.60	Q V				
8+10	0.1969	0.64	Q V				
8+15	0.2015	0.67	Q V				
8+20	0.2062	0.68	Q V				
8+25	0.2109	0.69	Q V				
8+30	0.2157	0.69	Q V				
8+35	0.2205	0.70	Q V				
8+40	0.2254	0.72	Q V				
8+45	0.2304	0.73	Q V				
8+50	0.2356	0.74	Q V				
8+55	0.2408	0.76	Q V				
9+ 0	0.2461	0.78	Q V				
9+ 5	0.2516	0.79	Q V				
9+10	0.2573	0.82	Q V				
9+15	0.2632	0.85	Q V				
9+20	0.2691	0.87	Q V				
9+25	0.2753	0.89	Q V				
9+30	0.2816	0.91	Q V				
9+35	0.2879	0.92	Q V				
9+40	0.2944	0.94	Q V				
9+45	0.3010	0.96	Q V				
9+50	0.3078	0.97	Q V				
9+55	0.3146	0.99	Q V				
10+ 0	0.3215	1.01	Q V				
10+ 5	0.3284	0.99	Q V				
10+10	0.3346	0.90	Q V				
10+15	0.3401	0.81	Q V				
10+20	0.3455	0.78	Q V				
10+25	0.3507	0.76	Q V				
10+30	0.3558	0.74	Q V				
10+35	0.3610	0.75	Q V				
10+40	0.3666	0.82	Q V				
10+45	0.3726	0.88	Q V				
10+50	0.3788	0.90	Q V				
10+55	0.3851	0.91	Q V				
11+ 0	0.3914	0.92	Q V				
11+ 5	0.3978	0.92	Q V				
11+10	0.4040	0.91	Q V				
11+15	0.4102	0.90	Q V				
11+20	0.4164	0.90	Q V				
11+25	0.4226	0.90	Q V				
11+30	0.4287	0.90	Q V				
11+35	0.4349	0.89	Q V				
11+40	0.4408	0.86	Q V				
11+45	0.4465	0.83	Q V				
11+50	0.4522	0.83	Q V				
11+55	0.4580	0.83	Q V				
12+ 0	0.4638	0.84	Q V				
12+ 5	0.4698	0.87	Q V				
12+10	0.4765	0.97	Q V				


12+15 0.4838 1.06
12+20 0.4914 1.10
12+25 0.4993 1.14
12+30 0.5073 1.17
12+35 0.5155 1.19
12+40 0.5240 1.23
12+45 0.5326 1.26
12+50 0.5415 1.28
12+55 0.5505 1.31
13+ 0 0.5597 1.33
13+ 5 0.5690 1.36
13+10 0.5789 1.44
13+15 0.5893 1.51
13+20 0.5999 1.54
13+25 0.6106 1.56
13+30 0.6214 1.57
13+35 0.6320 1.54
13+40 0.6416 1.39
13+45 0.6502 1.25
13+50 0.6584 1.19
13+55 0.6664 1.16
14+ 0 0.6742 1.14
14+ 5 0.6821 1.14
14+10 0.6903 1.19
14+15 0.6988 1.23
14+20 0.7073 1.24
14+25 0.7158 1.23
14+30 0.7243 1.23
14+35 0.7327 1.22
14+40 0.7411 1.22
14+45 0.7495 1.22
14+50 0.7579 1.22
14+55 0.7662 1.20
15+ 0 0.7744 1.19
15+ 5 0.7826 1.18
15+10 0.7906 1.17
15+15 0.7985 1.15
15+20 0.8064 1.14
15+25 0.8141 1.12
15+30 0.8217 1.11
15+35 0.8292 1.09
15+40 0.8363 1.02
15+45 0.8429 0.97
15+50 0.8494 0.94
15+55 0.8558 0.93
16+ 0 0.8622 0.92
16+ 5 0.8681 0.86
16+10 0.8725 0.64
16+15 0.8755 0.44
16+20 0.8780 0.36
16+25 0.8801 0.31
16+30 0.8820 0.28
16+35 0.8838 0.25
16+40 0.8853 0.22
16+45 0.8866 0.19
16+50 0.8878 0.18
16+55 0.8890 0.17

17+ 0	0.8901	0.16	Q	|	|	|	V |
17+ 5	0.8912	0.16	Q	|	|	|	V |
17+10	0.8924	0.18	Q	|	|	|	V |
17+15	0.8938	0.21	Q	|	|	|	V |
17+20	0.8953	0.22	Q	|	|	|	V |
17+25	0.8969	0.22	Q	|	|	|	V |
17+30	0.8984	0.22	Q	|	|	|	V |
17+35	0.9000	0.23	Q	|	|	|	V |
17+40	0.9015	0.23	Q	|	|	|	V |
17+45	0.9031	0.23	Q	|	|	|	V |
17+50	0.9047	0.23	Q	|	|	|	V |
17+55	0.9062	0.22	Q	|	|	|	V |
18+ 0	0.9076	0.20	Q	|	|	|	V |
18+ 5	0.9089	0.20	Q	|	|	|	V |
18+10	0.9103	0.20	Q	|	|	|	V |
18+15	0.9116	0.19	Q	|	|	|	V |
18+20	0.9130	0.19	Q	|	|	|	V |
18+25	0.9143	0.19	Q	|	|	|	V |
18+30	0.9156	0.19	Q	|	|	|	V |
18+35	0.9169	0.19	Q	|	|	|	V |
18+40	0.9181	0.17	Q	|	|	|	V |
18+45	0.9191	0.16	Q	|	|	|	V |
18+50	0.9202	0.15	Q	|	|	|	V |
18+55	0.9211	0.13	Q	|	|	|	V |
19+ 0	0.9219	0.12	Q	|	|	|	V |
19+ 5	0.9226	0.11	Q	|	|	|	V |
19+10	0.9235	0.12	Q	|	|	|	V |
19+15	0.9244	0.13	Q	|	|	|	V |
19+20	0.9254	0.14	Q	|	|	|	V |
19+25	0.9264	0.16	Q	|	|	|	V |
19+30	0.9276	0.17	Q	|	|	|	V |
19+35	0.9288	0.17	Q	|	|	|	V |
19+40	0.9299	0.16	Q	|	|	|	V |
19+45	0.9309	0.15	Q	|	|	|	V |
19+50	0.9319	0.14	Q	|	|	|	V |
19+55	0.9328	0.13	Q	|	|	|	V |
20+ 0	0.9336	0.11	Q	|	|	|	V |
20+ 5	0.9343	0.11	Q	|	|	|	V |
20+10	0.9352	0.12	Q	|	|	|	V |
20+15	0.9361	0.13	Q	|	|	|	V |
20+20	0.9370	0.14	Q	|	|	|	V |
20+25	0.9380	0.14	Q	|	|	|	V |
20+30	0.9389	0.14	Q	|	|	|	V |
20+35	0.9399	0.14	Q	|	|	|	V |
20+40	0.9408	0.14	Q	|	|	|	V |
20+45	0.9418	0.14	Q	|	|	|	V |
20+50	0.9427	0.14	Q	|	|	|	V |
20+55	0.9436	0.12	Q	|	|	|	V |
21+ 0	0.9443	0.11	Q	|	|	|	V |
21+ 5	0.9451	0.11	Q	|	|	|	V |
21+10	0.9459	0.12	Q	|	|	|	V |
21+15	0.9468	0.13	Q	|	|	|	V |
21+20	0.9477	0.13	Q	|	|	|	V |
21+25	0.9485	0.12	Q	|	|	|	V|
21+30	0.9493	0.11	Q	|	|	|	V|
21+35	0.9500	0.11	Q	|	|	|	V|
21+40	0.9508	0.12	Q	|	|	|	V|

21+45	0.9517	0.13	Q	|	|	|	V|
21+50	0.9526	0.13	Q	|	|	|	V|
21+55	0.9534	0.12	Q	|	|	|	V|
22+ 0	0.9541	0.11	Q	|	|	|	V|
22+ 5	0.9549	0.11	Q	|	|	|	V|
22+10	0.9557	0.12	Q	|	|	|	V|
22+15	0.9566	0.13	Q	|	|	|	V|
22+20	0.9575	0.13	Q	|	|	|	V|
22+25	0.9583	0.12	Q	|	|	|	V|
22+30	0.9590	0.11	Q	|	|	|	V|
22+35	0.9597	0.10	Q	|	|	|	V|
22+40	0.9604	0.10	Q	|	|	|	V|
22+45	0.9611	0.10	Q	|	|	|	V|
22+50	0.9617	0.10	Q	|	|	|	V|
22+55	0.9624	0.10	Q	|	|	|	V|
23+ 0	0.9631	0.10	Q	|	|	|	V|
23+ 5	0.9637	0.10	Q	|	|	|	V|
23+10	0.9644	0.10	Q	|	|	|	V|
23+15	0.9650	0.09	Q	|	|	|	V|
23+20	0.9657	0.09	Q	|	|	|	V|
23+25	0.9663	0.09	Q	|	|	|	V|
23+30	0.9670	0.09	Q	|	|	|	V|
23+35	0.9676	0.09	Q	|	|	|	V|
23+40	0.9683	0.09	Q	|	|	|	V|
23+45	0.9689	0.09	Q	|	|	|	V|
23+50	0.9696	0.09	Q	|	|	|	V|
23+55	0.9702	0.09	Q	|	|	|	V|
24+ 0	0.9709	0.09	Q	|	|	|	V|
24+ 5	0.9715	0.09	Q	|	|	|	V|
24+10	0.9719	0.06	Q	|	|	|	V|
24+15	0.9721	0.03	Q	|	|	|	V|
24+20	0.9722	0.02	Q	|	|	|	V|
24+25	0.9723	0.02	Q	|	|	|	V|
24+30	0.9724	0.01	Q	|	|	|	V|
24+35	0.9725	0.01	Q	|	|	|	V|
24+40	0.9725	0.01	Q	|	|	|	V|
24+45	0.9726	0.00	Q	|	|	|	V|
24+50	0.9726	0.00	Q	|	|	|	V|
24+55	0.9726	0.00	Q	|	|	|	V|
25+ 0	0.9726	0.00	Q	|	|	|	V|
25+ 5	0.9726	0.00	Q	|	|	|	V|
25+10	0.9726	0.00	Q	|	|	|	V|

APPENDIX "B"

UNIT HYDROGRAPH ANALYSIS

Proposed Conditions (2-yr, 5-yr & 10-yr)

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

Study date 11/10/20 File: cottonwoodprop242.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
PROPOSED Hydrology
2-Year-24 Hour Event

Drainage Area = 36.80(Ac.) = 0.057 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 36.80(Ac.) = 0.057 Sq. Mi.
Length along longest watercourse = 2685.00(Ft.)
Length along longest watercourse measured to centroid = 665.00(Ft.)
Length along longest watercourse = 0.509 Mi.
Length along longest watercourse measured to centroid = 0.126 Mi.
Difference in elevation = 15.70(Ft.)
Slope along watercourse = 30.8737 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.066 Hr.
Lag time = 3.96 Min.
25% of lag time = 0.99 Min.
40% of lag time = 1.58 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
36.80	1.80	66.24

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

36.80 4.50 165.60

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
18.400	56.00	0.500
18.400	69.00	0.500

Total Area Entered = 36.80(Ac.)

RI AMC2	RI AMC-2	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
56.0	56.0	0.511	0.500	0.281	0.500	0.140
69.0	69.0	0.373	0.500	0.205	0.500	0.103
					Sum (F) =	0.243

Area averaged mean soil loss (F) (In/Hr) = 0.243
Minimum soil loss rate ((In/Hr)) = 0.121
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.500

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	126.203	26.969	10.002
2	0.167	252.406	48.478	17.979
3	0.250	378.608	12.792	4.744
4	0.333	504.811	5.750	2.133
5	0.417	631.014	3.186	1.182
6	0.500	757.217	1.761	0.653
7	0.583	883.420	1.065	0.395
			Sum = 100.000	Sum= 37.087

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

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	0.07	0.014	(0.431)	0.007	0.007
2	0.17	0.07	0.014	(0.429)	0.007	0.007
3	0.25	0.07	0.014	(0.427)	0.007	0.007
4	0.33	0.10	0.022	(0.426)	0.011	0.011
5	0.42	0.10	0.022	(0.424)	0.011	0.011

6	0.50	0.10	0.022	(0.422)	0.011	0.011
7	0.58	0.10	0.022	(0.421)	0.011	0.011
8	0.67	0.10	0.022	(0.419)	0.011	0.011
9	0.75	0.10	0.022	(0.418)	0.011	0.011
10	0.83	0.13	0.029	(0.416)	0.014	0.014
11	0.92	0.13	0.029	(0.414)	0.014	0.014
12	1.00	0.13	0.029	(0.413)	0.014	0.014
13	1.08	0.10	0.022	(0.411)	0.011	0.011
14	1.17	0.10	0.022	(0.409)	0.011	0.011
15	1.25	0.10	0.022	(0.408)	0.011	0.011
16	1.33	0.10	0.022	(0.406)	0.011	0.011
17	1.42	0.10	0.022	(0.404)	0.011	0.011
18	1.50	0.10	0.022	(0.403)	0.011	0.011
19	1.58	0.10	0.022	(0.401)	0.011	0.011
20	1.67	0.10	0.022	(0.400)	0.011	0.011
21	1.75	0.10	0.022	(0.398)	0.011	0.011
22	1.83	0.13	0.029	(0.396)	0.014	0.014
23	1.92	0.13	0.029	(0.395)	0.014	0.014
24	2.00	0.13	0.029	(0.393)	0.014	0.014
25	2.08	0.13	0.029	(0.392)	0.014	0.014
26	2.17	0.13	0.029	(0.390)	0.014	0.014
27	2.25	0.13	0.029	(0.388)	0.014	0.014
28	2.33	0.13	0.029	(0.387)	0.014	0.014
29	2.42	0.13	0.029	(0.385)	0.014	0.014
30	2.50	0.13	0.029	(0.384)	0.014	0.014
31	2.58	0.17	0.036	(0.382)	0.018	0.018
32	2.67	0.17	0.036	(0.381)	0.018	0.018
33	2.75	0.17	0.036	(0.379)	0.018	0.018
34	2.83	0.17	0.036	(0.378)	0.018	0.018
35	2.92	0.17	0.036	(0.376)	0.018	0.018
36	3.00	0.17	0.036	(0.374)	0.018	0.018
37	3.08	0.17	0.036	(0.373)	0.018	0.018
38	3.17	0.17	0.036	(0.371)	0.018	0.018
39	3.25	0.17	0.036	(0.370)	0.018	0.018
40	3.33	0.17	0.036	(0.368)	0.018	0.018
41	3.42	0.17	0.036	(0.367)	0.018	0.018
42	3.50	0.17	0.036	(0.365)	0.018	0.018
43	3.58	0.17	0.036	(0.364)	0.018	0.018
44	3.67	0.17	0.036	(0.362)	0.018	0.018
45	3.75	0.17	0.036	(0.361)	0.018	0.018
46	3.83	0.20	0.043	(0.359)	0.022	0.022
47	3.92	0.20	0.043	(0.358)	0.022	0.022
48	4.00	0.20	0.043	(0.356)	0.022	0.022
49	4.08	0.20	0.043	(0.354)	0.022	0.022
50	4.17	0.20	0.043	(0.353)	0.022	0.022
51	4.25	0.20	0.043	(0.351)	0.022	0.022
52	4.33	0.23	0.050	(0.350)	0.025	0.025
53	4.42	0.23	0.050	(0.348)	0.025	0.025
54	4.50	0.23	0.050	(0.347)	0.025	0.025
55	4.58	0.23	0.050	(0.346)	0.025	0.025
56	4.67	0.23	0.050	(0.344)	0.025	0.025
57	4.75	0.23	0.050	(0.343)	0.025	0.025
58	4.83	0.27	0.058	(0.341)	0.029	0.029
59	4.92	0.27	0.058	(0.340)	0.029	0.029
60	5.00	0.27	0.058	(0.338)	0.029	0.029
61	5.08	0.20	0.043	(0.337)	0.022	0.022
62	5.17	0.20	0.043	(0.335)	0.022	0.022

63	5.25	0.20	0.043	(0.334)	0.022	0.022
64	5.33	0.23	0.050	(0.332)	0.025	0.025
65	5.42	0.23	0.050	(0.331)	0.025	0.025
66	5.50	0.23	0.050	(0.329)	0.025	0.025
67	5.58	0.27	0.058	(0.328)	0.029	0.029
68	5.67	0.27	0.058	(0.326)	0.029	0.029
69	5.75	0.27	0.058	(0.325)	0.029	0.029
70	5.83	0.27	0.058	(0.324)	0.029	0.029
71	5.92	0.27	0.058	(0.322)	0.029	0.029
72	6.00	0.27	0.058	(0.321)	0.029	0.029
73	6.08	0.30	0.065	(0.319)	0.032	0.032
74	6.17	0.30	0.065	(0.318)	0.032	0.032
75	6.25	0.30	0.065	(0.316)	0.032	0.032
76	6.33	0.30	0.065	(0.315)	0.032	0.032
77	6.42	0.30	0.065	(0.314)	0.032	0.032
78	6.50	0.30	0.065	(0.312)	0.032	0.032
79	6.58	0.33	0.072	(0.311)	0.036	0.036
80	6.67	0.33	0.072	(0.309)	0.036	0.036
81	6.75	0.33	0.072	(0.308)	0.036	0.036
82	6.83	0.33	0.072	(0.307)	0.036	0.036
83	6.92	0.33	0.072	(0.305)	0.036	0.036
84	7.00	0.33	0.072	(0.304)	0.036	0.036
85	7.08	0.33	0.072	(0.303)	0.036	0.036
86	7.17	0.33	0.072	(0.301)	0.036	0.036
87	7.25	0.33	0.072	(0.300)	0.036	0.036
88	7.33	0.37	0.079	(0.298)	0.040	0.040
89	7.42	0.37	0.079	(0.297)	0.040	0.040
90	7.50	0.37	0.079	(0.296)	0.040	0.040
91	7.58	0.40	0.086	(0.294)	0.043	0.043
92	7.67	0.40	0.086	(0.293)	0.043	0.043
93	7.75	0.40	0.086	(0.292)	0.043	0.043
94	7.83	0.43	0.094	(0.290)	0.047	0.047
95	7.92	0.43	0.094	(0.289)	0.047	0.047
96	8.00	0.43	0.094	(0.288)	0.047	0.047
97	8.08	0.50	0.108	(0.286)	0.054	0.054
98	8.17	0.50	0.108	(0.285)	0.054	0.054
99	8.25	0.50	0.108	(0.284)	0.054	0.054
100	8.33	0.50	0.108	(0.282)	0.054	0.054
101	8.42	0.50	0.108	(0.281)	0.054	0.054
102	8.50	0.50	0.108	(0.280)	0.054	0.054
103	8.58	0.53	0.115	(0.278)	0.058	0.058
104	8.67	0.53	0.115	(0.277)	0.058	0.058
105	8.75	0.53	0.115	(0.276)	0.058	0.058
106	8.83	0.57	0.122	(0.274)	0.061	0.061
107	8.92	0.57	0.122	(0.273)	0.061	0.061
108	9.00	0.57	0.122	(0.272)	0.061	0.061
109	9.08	0.63	0.137	(0.271)	0.068	0.068
110	9.17	0.63	0.137	(0.269)	0.068	0.068
111	9.25	0.63	0.137	(0.268)	0.068	0.068
112	9.33	0.67	0.144	(0.267)	0.072	0.072
113	9.42	0.67	0.144	(0.265)	0.072	0.072
114	9.50	0.67	0.144	(0.264)	0.072	0.072
115	9.58	0.70	0.151	(0.263)	0.076	0.076
116	9.67	0.70	0.151	(0.262)	0.076	0.076
117	9.75	0.70	0.151	(0.260)	0.076	0.076
118	9.83	0.73	0.158	(0.259)	0.079	0.079
119	9.92	0.73	0.158	(0.258)	0.079	0.079

120	10.00	0.73	0.158	(0.257)	0.079	0.079
121	10.08	0.50	0.108	(0.255)	0.054	0.054
122	10.17	0.50	0.108	(0.254)	0.054	0.054
123	10.25	0.50	0.108	(0.253)	0.054	0.054
124	10.33	0.50	0.108	(0.252)	0.054	0.054
125	10.42	0.50	0.108	(0.250)	0.054	0.054
126	10.50	0.50	0.108	(0.249)	0.054	0.054
127	10.58	0.67	0.144	(0.248)	0.072	0.072
128	10.67	0.67	0.144	(0.247)	0.072	0.072
129	10.75	0.67	0.144	(0.246)	0.072	0.072
130	10.83	0.67	0.144	(0.244)	0.072	0.072
131	10.92	0.67	0.144	(0.243)	0.072	0.072
132	11.00	0.67	0.144	(0.242)	0.072	0.072
133	11.08	0.63	0.137	(0.241)	0.068	0.068
134	11.17	0.63	0.137	(0.240)	0.068	0.068
135	11.25	0.63	0.137	(0.238)	0.068	0.068
136	11.33	0.63	0.137	(0.237)	0.068	0.068
137	11.42	0.63	0.137	(0.236)	0.068	0.068
138	11.50	0.63	0.137	(0.235)	0.068	0.068
139	11.58	0.57	0.122	(0.234)	0.061	0.061
140	11.67	0.57	0.122	(0.233)	0.061	0.061
141	11.75	0.57	0.122	(0.231)	0.061	0.061
142	11.83	0.60	0.130	(0.230)	0.065	0.065
143	11.92	0.60	0.130	(0.229)	0.065	0.065
144	12.00	0.60	0.130	(0.228)	0.065	0.065
145	12.08	0.83	0.180	(0.227)	0.090	0.090
146	12.17	0.83	0.180	(0.226)	0.090	0.090
147	12.25	0.83	0.180	(0.225)	0.090	0.090
148	12.33	0.87	0.187	(0.223)	0.094	0.094
149	12.42	0.87	0.187	(0.222)	0.094	0.094
150	12.50	0.87	0.187	(0.221)	0.094	0.094
151	12.58	0.93	0.202	(0.220)	0.101	0.101
152	12.67	0.93	0.202	(0.219)	0.101	0.101
153	12.75	0.93	0.202	(0.218)	0.101	0.101
154	12.83	0.97	0.209	(0.217)	0.104	0.104
155	12.92	0.97	0.209	(0.216)	0.104	0.104
156	13.00	0.97	0.209	(0.215)	0.104	0.104
157	13.08	1.13	0.245	(0.213)	0.122	0.122
158	13.17	1.13	0.245	(0.212)	0.122	0.122
159	13.25	1.13	0.245	(0.211)	0.122	0.122
160	13.33	1.13	0.245	(0.210)	0.122	0.122
161	13.42	1.13	0.245	(0.209)	0.122	0.122
162	13.50	1.13	0.245	(0.208)	0.122	0.122
163	13.58	0.77	0.166	(0.207)	0.083	0.083
164	13.67	0.77	0.166	(0.206)	0.083	0.083
165	13.75	0.77	0.166	(0.205)	0.083	0.083
166	13.83	0.77	0.166	(0.204)	0.083	0.083
167	13.92	0.77	0.166	(0.203)	0.083	0.083
168	14.00	0.77	0.166	(0.202)	0.083	0.083
169	14.08	0.90	0.194	(0.201)	0.097	0.097
170	14.17	0.90	0.194	(0.200)	0.097	0.097
171	14.25	0.90	0.194	(0.199)	0.097	0.097
172	14.33	0.87	0.187	(0.198)	0.094	0.094
173	14.42	0.87	0.187	(0.197)	0.094	0.094
174	14.50	0.87	0.187	(0.196)	0.094	0.094
175	14.58	0.87	0.187	(0.195)	0.094	0.094
176	14.67	0.87	0.187	(0.194)	0.094	0.094

177	14.75	0.87	0.187	(0.193)	0.094	0.094
178	14.83	0.83	0.180	(0.192)	0.090	0.090
179	14.92	0.83	0.180	(0.191)	0.090	0.090
180	15.00	0.83	0.180	(0.190)	0.090	0.090
181	15.08	0.80	0.173	(0.189)	0.086	0.086
182	15.17	0.80	0.173	(0.188)	0.086	0.086
183	15.25	0.80	0.173	(0.187)	0.086	0.086
184	15.33	0.77	0.166	(0.186)	0.083	0.083
185	15.42	0.77	0.166	(0.185)	0.083	0.083
186	15.50	0.77	0.166	(0.184)	0.083	0.083
187	15.58	0.63	0.137	(0.183)	0.068	0.068
188	15.67	0.63	0.137	(0.182)	0.068	0.068
189	15.75	0.63	0.137	(0.181)	0.068	0.068
190	15.83	0.63	0.137	(0.180)	0.068	0.068
191	15.92	0.63	0.137	(0.179)	0.068	0.068
192	16.00	0.63	0.137	(0.178)	0.068	0.068
193	16.08	0.13	0.029	(0.178)	0.014	0.014
194	16.17	0.13	0.029	(0.177)	0.014	0.014
195	16.25	0.13	0.029	(0.176)	0.014	0.014
196	16.33	0.13	0.029	(0.175)	0.014	0.014
197	16.42	0.13	0.029	(0.174)	0.014	0.014
198	16.50	0.13	0.029	(0.173)	0.014	0.014
199	16.58	0.10	0.022	(0.172)	0.011	0.011
200	16.67	0.10	0.022	(0.171)	0.011	0.011
201	16.75	0.10	0.022	(0.170)	0.011	0.011
202	16.83	0.10	0.022	(0.170)	0.011	0.011
203	16.92	0.10	0.022	(0.169)	0.011	0.011
204	17.00	0.10	0.022	(0.168)	0.011	0.011
205	17.08	0.17	0.036	(0.167)	0.018	0.018
206	17.17	0.17	0.036	(0.166)	0.018	0.018
207	17.25	0.17	0.036	(0.165)	0.018	0.018
208	17.33	0.17	0.036	(0.164)	0.018	0.018
209	17.42	0.17	0.036	(0.164)	0.018	0.018
210	17.50	0.17	0.036	(0.163)	0.018	0.018
211	17.58	0.17	0.036	(0.162)	0.018	0.018
212	17.67	0.17	0.036	(0.161)	0.018	0.018
213	17.75	0.17	0.036	(0.160)	0.018	0.018
214	17.83	0.13	0.029	(0.160)	0.014	0.014
215	17.92	0.13	0.029	(0.159)	0.014	0.014
216	18.00	0.13	0.029	(0.158)	0.014	0.014
217	18.08	0.13	0.029	(0.157)	0.014	0.014
218	18.17	0.13	0.029	(0.156)	0.014	0.014
219	18.25	0.13	0.029	(0.156)	0.014	0.014
220	18.33	0.13	0.029	(0.155)	0.014	0.014
221	18.42	0.13	0.029	(0.154)	0.014	0.014
222	18.50	0.13	0.029	(0.153)	0.014	0.014
223	18.58	0.10	0.022	(0.153)	0.011	0.011
224	18.67	0.10	0.022	(0.152)	0.011	0.011
225	18.75	0.10	0.022	(0.151)	0.011	0.011
226	18.83	0.07	0.014	(0.151)	0.007	0.007
227	18.92	0.07	0.014	(0.150)	0.007	0.007
228	19.00	0.07	0.014	(0.149)	0.007	0.007
229	19.08	0.10	0.022	(0.148)	0.011	0.011
230	19.17	0.10	0.022	(0.148)	0.011	0.011
231	19.25	0.10	0.022	(0.147)	0.011	0.011
232	19.33	0.13	0.029	(0.146)	0.014	0.014
233	19.42	0.13	0.029	(0.146)	0.014	0.014

234	19.50	0.13	0.029	(0.145)	0.014	0.014
235	19.58	0.10	0.022	(0.144)	0.011	0.011
236	19.67	0.10	0.022	(0.144)	0.011	0.011
237	19.75	0.10	0.022	(0.143)	0.011	0.011
238	19.83	0.07	0.014	(0.142)	0.007	0.007
239	19.92	0.07	0.014	(0.142)	0.007	0.007
240	20.00	0.07	0.014	(0.141)	0.007	0.007
241	20.08	0.10	0.022	(0.140)	0.011	0.011
242	20.17	0.10	0.022	(0.140)	0.011	0.011
243	20.25	0.10	0.022	(0.139)	0.011	0.011
244	20.33	0.10	0.022	(0.139)	0.011	0.011
245	20.42	0.10	0.022	(0.138)	0.011	0.011
246	20.50	0.10	0.022	(0.137)	0.011	0.011
247	20.58	0.10	0.022	(0.137)	0.011	0.011
248	20.67	0.10	0.022	(0.136)	0.011	0.011
249	20.75	0.10	0.022	(0.136)	0.011	0.011
250	20.83	0.07	0.014	(0.135)	0.007	0.007
251	20.92	0.07	0.014	(0.135)	0.007	0.007
252	21.00	0.07	0.014	(0.134)	0.007	0.007
253	21.08	0.10	0.022	(0.134)	0.011	0.011
254	21.17	0.10	0.022	(0.133)	0.011	0.011
255	21.25	0.10	0.022	(0.133)	0.011	0.011
256	21.33	0.07	0.014	(0.132)	0.007	0.007
257	21.42	0.07	0.014	(0.132)	0.007	0.007
258	21.50	0.07	0.014	(0.131)	0.007	0.007
259	21.58	0.10	0.022	(0.131)	0.011	0.011
260	21.67	0.10	0.022	(0.130)	0.011	0.011
261	21.75	0.10	0.022	(0.130)	0.011	0.011
262	21.83	0.07	0.014	(0.129)	0.007	0.007
263	21.92	0.07	0.014	(0.129)	0.007	0.007
264	22.00	0.07	0.014	(0.128)	0.007	0.007
265	22.08	0.10	0.022	(0.128)	0.011	0.011
266	22.17	0.10	0.022	(0.127)	0.011	0.011
267	22.25	0.10	0.022	(0.127)	0.011	0.011
268	22.33	0.07	0.014	(0.127)	0.007	0.007
269	22.42	0.07	0.014	(0.126)	0.007	0.007
270	22.50	0.07	0.014	(0.126)	0.007	0.007
271	22.58	0.07	0.014	(0.126)	0.007	0.007
272	22.67	0.07	0.014	(0.125)	0.007	0.007
273	22.75	0.07	0.014	(0.125)	0.007	0.007
274	22.83	0.07	0.014	(0.125)	0.007	0.007
275	22.92	0.07	0.014	(0.124)	0.007	0.007
276	23.00	0.07	0.014	(0.124)	0.007	0.007
277	23.08	0.07	0.014	(0.124)	0.007	0.007
278	23.17	0.07	0.014	(0.123)	0.007	0.007
279	23.25	0.07	0.014	(0.123)	0.007	0.007
280	23.33	0.07	0.014	(0.123)	0.007	0.007
281	23.42	0.07	0.014	(0.123)	0.007	0.007
282	23.50	0.07	0.014	(0.122)	0.007	0.007
283	23.58	0.07	0.014	(0.122)	0.007	0.007
284	23.67	0.07	0.014	(0.122)	0.007	0.007
285	23.75	0.07	0.014	(0.122)	0.007	0.007
286	23.83	0.07	0.014	(0.122)	0.007	0.007
287	23.92	0.07	0.014	(0.122)	0.007	0.007
288	24.00	0.07	0.014	(0.122)	0.007	0.007
		(Loss Rate Not Used)				
	Sum =	100.0			Sum =	10.8

Flood volume = Effective rainfall 0.90(In)
times area 36.8(Ac.)/[(In)/(Ft.)] = 2.8(Ac.Ft)
Total soil loss = 0.90(In)
Total soil loss = 2.760(Ac.Ft)
Total rainfall = 1.80(In)
Flood volume = 120217.0 Cubic Feet
Total soil loss = 120217.0 Cubic Feet

Peak flow rate of this hydrograph = 4.534(CFS)

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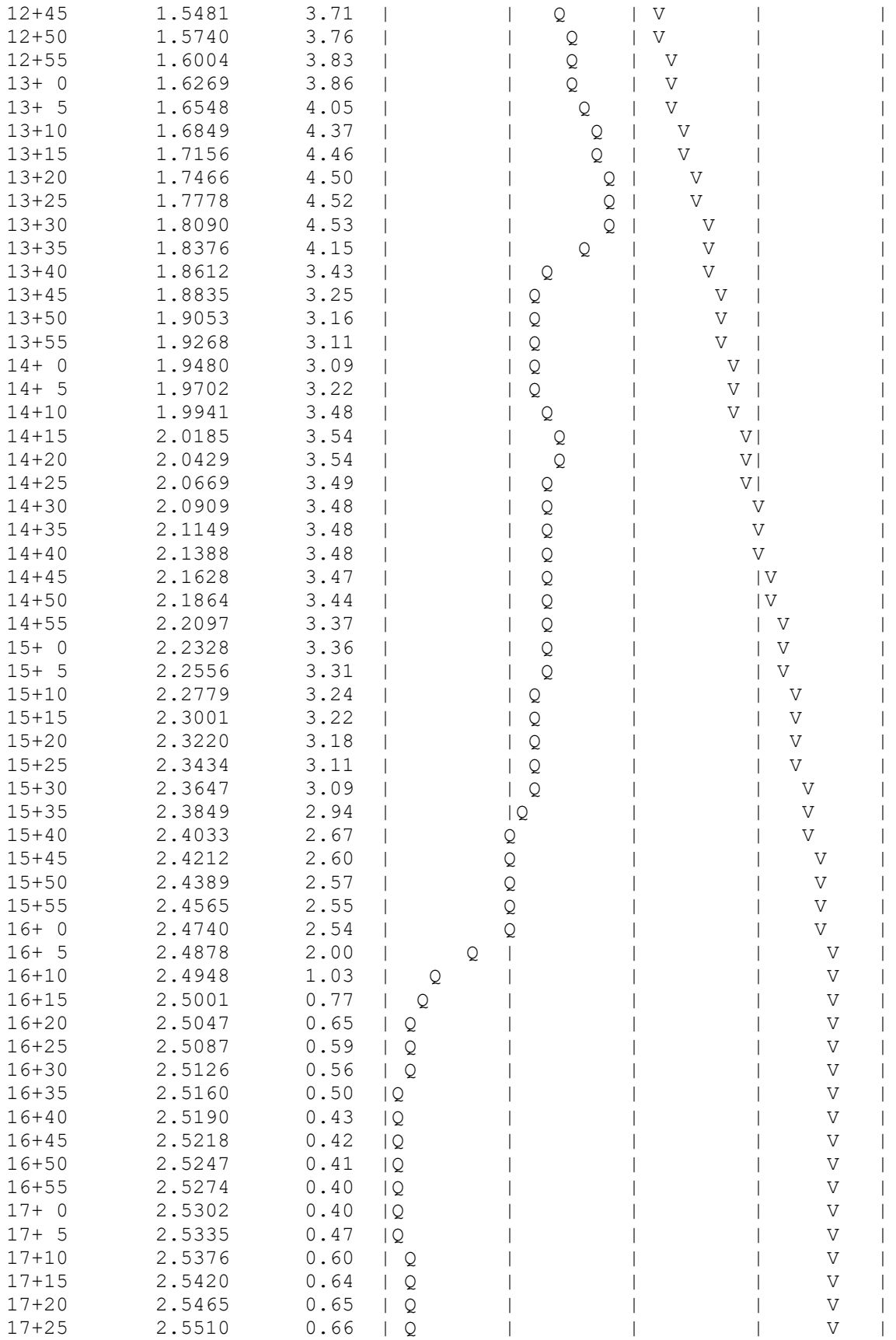
24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0005	0.07	Q				
0+10	0.0019	0.20	Q				
0+15	0.0035	0.24	Q				
0+20	0.0055	0.29	VQ				
0+25	0.0080	0.36	VQ				
0+30	0.0106	0.38	VQ				
0+35	0.0133	0.39	VQ				
0+40	0.0160	0.40	VQ				
0+45	0.0188	0.40	VQ				
0+50	0.0218	0.44	VQ				
0+55	0.0252	0.50	V Q				
1+ 0	0.0288	0.52	V Q				
1+ 5	0.0322	0.49	VQ				
1+10	0.0352	0.43	VQ				
1+15	0.0380	0.42	VQ				
1+20	0.0408	0.41	VQ				
1+25	0.0436	0.40	VQ				
1+30	0.0464	0.40	VQ				
1+35	0.0491	0.40	VQ				
1+40	0.0519	0.40	VQ				
1+45	0.0547	0.40	VQ				
1+50	0.0577	0.44	VQ				
1+55	0.0611	0.50	V Q				
2+ 0	0.0647	0.52	V Q				
2+ 5	0.0683	0.53	V Q				
2+10	0.0720	0.53	|VQ				
2+15	0.0756	0.53	|VQ				
2+20	0.0793	0.53	|VQ				
2+25	0.0830	0.53	|VQ				
2+30	0.0867	0.53	|VQ				
2+35	0.0906	0.57	|VQ				
2+40	0.0950	0.64	|VQ				
2+45	0.0995	0.65	|VQ				
2+50	0.1040	0.66	|VQ				
2+55	0.1086	0.66	|VQ				
3+ 0	0.1132	0.67	|VQ				
3+ 5	0.1178	0.67	|VQ				
3+10	0.1224	0.67	|VQ				

3+15	0.1270	0.67	VQ				
3+20	0.1316	0.67	VQ				
3+25	0.1362	0.67	VQ				
3+30	0.1408	0.67	Q				
3+35	0.1454	0.67	Q				
3+40	0.1500	0.67	Q				
3+45	0.1546	0.67	Q				
3+50	0.1594	0.70	Q				
3+55	0.1647	0.77	VQ				
4+ 0	0.1701	0.79	VQ				
4+ 5	0.1756	0.79	VQ				
4+10	0.1811	0.80	VQ				
4+15	0.1866	0.80	VQ				
4+20	0.1924	0.84	VQ				
4+25	0.1986	0.90	VQ				
4+30	0.2049	0.92	VQ				
4+35	0.2113	0.93	Q				
4+40	0.2177	0.93	Q				
4+45	0.2241	0.93	Q				
4+50	0.2308	0.97	Q				
4+55	0.2380	1.04	VQ				
5+ 0	0.2452	1.05	VQ				
5+ 5	0.2520	0.99	Q				
5+10	0.2580	0.86	Q				
5+15	0.2637	0.83	Q				
5+20	0.2696	0.85	Q				
5+25	0.2758	0.91	Q				
5+30	0.2822	0.92	QV				
5+35	0.2888	0.96	QV				
5+40	0.2959	1.03	Q				
5+45	0.3032	1.05	Q				
5+50	0.3105	1.06	Q				
5+55	0.3178	1.06	Q				
6+ 0	0.3252	1.07	Q				
6+ 5	0.3328	1.10	Q				
6+10	0.3408	1.17	Q				
6+15	0.3490	1.19	QV				
6+20	0.3572	1.19	QV				
6+25	0.3655	1.20	QV				
6+30	0.3737	1.20	QV				
6+35	0.3823	1.24	QV				
6+40	0.3912	1.30	Q				
6+45	0.4003	1.32	Q				
6+50	0.4095	1.33	Q				
6+55	0.4186	1.33	QV				
7+ 0	0.4278	1.33	QV				
7+ 5	0.4370	1.34	QV				
7+10	0.4462	1.34	QV				
7+15	0.4554	1.34	QV				
7+20	0.4649	1.37	QV				
7+25	0.4748	1.44	QV				
7+30	0.4848	1.45	Q V				
7+35	0.4951	1.50	Q V				
7+40	0.5059	1.57	QV				
7+45	0.5168	1.59	QV				
7+50	0.5280	1.63	QV				
7+55	0.5397	1.70	QV				

8+ 0	0.5516	1.72	QV				
8+ 5	0.5640	1.80	QV				
8+10	0.5773	1.93	QV				
8+15	0.5909	1.97	QV				
8+20	0.6046	1.99	QV				
8+25	0.6183	2.00	QV				
8+30	0.6321	2.00	QV				
8+35	0.6461	2.04	QV				
8+40	0.6606	2.10	QV				
8+45	0.6752	2.12	QV				
8+50	0.6902	2.17	Q V				
8+55	0.7055	2.23	Q V				
9+ 0	0.7211	2.25	QV				
9+ 5	0.7371	2.33	QV				
9+10	0.7541	2.47	QV				
9+15	0.7714	2.51	QV				
9+20	0.7890	2.56	QV				
9+25	0.8071	2.63	QV				
9+30	0.8254	2.65	QV				
9+35	0.8440	2.70	Q V				
9+40	0.8631	2.77	QV				
9+45	0.8823	2.79	QV				
9+50	0.9018	2.83	Q V				
9+55	0.9218	2.90	Q V				
10+ 0	0.9419	2.92	Q V				
10+ 5	0.9603	2.68	Q V				
10+10	0.9757	2.23	Q V				
10+15	0.9902	2.11	Q V				
10+20	1.0044	2.06	Q V				
10+25	1.0184	2.03	Q V				
10+30	1.0323	2.01	Q V				
10+35	1.0473	2.18	Q V				
10+40	1.0646	2.51	Q V				
10+45	1.0824	2.59	Q V				
10+50	1.1006	2.63	Q V				
10+55	1.1188	2.65	Q V				
11+ 0	1.1372	2.66	Q V				
11+ 5	1.1553	2.64	Q V				
11+10	1.1730	2.57	Q V				
11+15	1.1906	2.55	Q V				
11+20	1.2082	2.55	Q V				
11+25	1.2257	2.54	Q V				
11+30	1.2431	2.54	Q V				
11+35	1.2601	2.47	Q V				
11+40	1.2762	2.34	Q V				
11+45	1.2921	2.30	Q V				
11+50	1.3081	2.32	Q V				
11+55	1.3245	2.38	Q V				
12+ 0	1.3409	2.39	Q V				
12+ 5	1.3592	2.65	Q V				
12+10	1.3806	3.11	Q V				
12+15	1.4028	3.23	Q V				
12+20	1.4256	3.32	Q V				
12+25	1.4492	3.41	Q V				
12+30	1.4729	3.45	Q V				
12+35	1.4973	3.54	Q V				
12+40	1.5225	3.67	Q V				



17+30	2.5556	0.67	| Q	|	|	|	V |
17+35	2.5602	0.67	| Q	|	|	|	V |
17+40	2.5648	0.67	| Q	|	|	|	V |
17+45	2.5694	0.67	| Q	|	|	|	V |
17+50	2.5738	0.63	| Q	|	|	|	V |
17+55	2.5777	0.57	| Q	|	|	|	V |
18+ 0	2.5815	0.55	| Q	|	|	|	V |
18+ 5	2.5852	0.54	| Q	|	|	|	V |
18+10	2.5889	0.54	| Q	|	|	|	V |
18+15	2.5926	0.54	| Q	|	|	|	V |
18+20	2.5963	0.53	| Q	|	|	|	V |
18+25	2.5999	0.53	| Q	|	|	|	V |
18+30	2.6036	0.53	| Q	|	|	|	V |
18+35	2.6071	0.50	|Q	|	|	|	V |
18+40	2.6100	0.43	|Q	|	|	|	V |
18+45	2.6129	0.42	|Q	|	|	|	V |
18+50	2.6155	0.37	|Q	|	|	|	V |
18+55	2.6176	0.30	|Q	|	|	|	V |
19+ 0	2.6195	0.28	|Q	|	|	|	V |
19+ 5	2.6217	0.31	|Q	|	|	|	V |
19+10	2.6242	0.37	|Q	|	|	|	V |
19+15	2.6269	0.39	|Q	|	|	|	V |
19+20	2.6298	0.43	|Q	|	|	|	V |
19+25	2.6333	0.50	|Q	|	|	|	V |
19+30	2.6368	0.52	| Q	|	|	|	V |
19+35	2.6402	0.49	|Q	|	|	|	V |
19+40	2.6432	0.43	|Q	|	|	|	V |
19+45	2.6460	0.42	|Q	|	|	|	V |
19+50	2.6486	0.37	|Q	|	|	|	V |
19+55	2.6507	0.30	|Q	|	|	|	V |
20+ 0	2.6526	0.28	|Q	|	|	|	V |
20+ 5	2.6548	0.31	|Q	|	|	|	V |
20+10	2.6573	0.37	|Q	|	|	|	V |
20+15	2.6600	0.39	|Q	|	|	|	V |
20+20	2.6627	0.39	|Q	|	|	|	V |
20+25	2.6654	0.40	|Q	|	|	|	V |
20+30	2.6682	0.40	|Q	|	|	|	V |
20+35	2.6710	0.40	|Q	|	|	|	V |
20+40	2.6737	0.40	|Q	|	|	|	V |
20+45	2.6765	0.40	|Q	|	|	|	V |
20+50	2.6790	0.36	|Q	|	|	|	V |
20+55	2.6811	0.30	|Q	|	|	|	V |
21+ 0	2.6830	0.28	|Q	|	|	|	V |
21+ 5	2.6851	0.31	|Q	|	|	|	V |
21+10	2.6877	0.37	|Q	|	|	|	V |
21+15	2.6904	0.39	|Q	|	|	|	V |
21+20	2.6928	0.36	|Q	|	|	|	V|
21+25	2.6949	0.30	|Q	|	|	|	V|
21+30	2.6968	0.28	|Q	|	|	|	V|
21+35	2.6989	0.31	|Q	|	|	|	V|
21+40	2.7015	0.37	|Q	|	|	|	V|
21+45	2.7042	0.39	|Q	|	|	|	V|
21+50	2.7066	0.36	|Q	|	|	|	V|
21+55	2.7087	0.30	|Q	|	|	|	V|
22+ 0	2.7106	0.28	|Q	|	|	|	V|
22+ 5	2.7127	0.31	|Q	|	|	|	V|
22+10	2.7153	0.37	|Q	|	|	|	V|

22+15	2.7180	0.39	|Q	|	|	|	V|
22+20	2.7204	0.36	|Q	|	|	|	V|
22+25	2.7225	0.30	|Q	|	|	|	V|
22+30	2.7244	0.28	|Q	|	|	|	V|
22+35	2.7263	0.28	|Q	|	|	|	V|
22+40	2.7282	0.27	|Q	|	|	|	V|
22+45	2.7300	0.27	|Q	|	|	|	V|
22+50	2.7318	0.27	|Q	|	|	|	V|
22+55	2.7337	0.27	|Q	|	|	|	V|
23+ 0	2.7355	0.27	|Q	|	|	|	V|
23+ 5	2.7374	0.27	|Q	|	|	|	V|
23+10	2.7392	0.27	|Q	|	|	|	V|
23+15	2.7410	0.27	|Q	|	|	|	V|
23+20	2.7429	0.27	|Q	|	|	|	V|
23+25	2.7447	0.27	|Q	|	|	|	V|
23+30	2.7466	0.27	|Q	|	|	|	V|
23+35	2.7484	0.27	|Q	|	|	|	V|
23+40	2.7502	0.27	|Q	|	|	|	V|
23+45	2.7521	0.27	|Q	|	|	|	V|
23+50	2.7539	0.27	|Q	|	|	|	V|
23+55	2.7558	0.27	|Q	|	|	|	V|
24+ 0	2.7576	0.27	|Q	|	|	|	V|
24+ 5	2.7590	0.20	Q	|	|	|	V|
24+10	2.7594	0.07	Q	|	|	|	V|
24+15	2.7596	0.03	Q	|	|	|	V|
24+20	2.7597	0.02	Q	|	|	|	V|
24+25	2.7598	0.01	Q	|	|	|	V|
24+30	2.7598	0.00	Q	|	|	|	V|

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

Study date 11/10/20 File: cottonwoodprop245.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
PROPOSED Hydrology
5-Year-24 Hour Event

Drainage Area = 36.80(Ac.) = 0.057 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 36.80(Ac.) = 0.057 Sq. Mi.
Length along longest watercourse = 2685.00(Ft.)
Length along longest watercourse measured to centroid = 665.00(Ft.)
Length along longest watercourse = 0.509 Mi.
Length along longest watercourse measured to centroid = 0.126 Mi.
Difference in elevation = 15.70(Ft.)
Slope along watercourse = 30.8737 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.066 Hr.
Lag time = 3.96 Min.
25% of lag time = 0.99 Min.
40% of lag time = 1.58 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
36.80	1.80	66.24

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

36.80 4.50 165.60

STORM EVENT (YEAR) = 5.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 2.432(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 2.432(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
18.400	56.00	0.500
18.400	69.00	0.500

Total Area Entered = 36.80(Ac.)

RI AMC2	RI AMC-2	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
56.0	56.0	0.511	0.500	0.281	0.500	0.140
69.0	69.0	0.373	0.500	0.205	0.500	0.103
					Sum (F) =	0.243

Area averaged mean soil loss (F) (In/Hr) = 0.243
Minimum soil loss rate ((In/Hr)) = 0.121
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.500

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	126.203	26.969	10.002
2	0.167	252.406	48.478	17.979
3	0.250	378.608	12.792	4.744
4	0.333	504.811	5.750	2.133
5	0.417	631.014	3.186	1.182
6	0.500	757.217	1.761	0.653
7	0.583	883.420	1.065	0.395
			Sum = 100.000	Sum= 37.087

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

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	0.07	0.019	(0.431)	0.010	0.010
2	0.17	0.07	0.019	(0.429)	0.010	0.010
3	0.25	0.07	0.019	(0.427)	0.010	0.010
4	0.33	0.10	0.029	(0.426)	0.015	0.015
5	0.42	0.10	0.029	(0.424)	0.015	0.015

6	0.50	0.10	0.029	(0.422)	0.015	0.015
7	0.58	0.10	0.029	(0.421)	0.015	0.015
8	0.67	0.10	0.029	(0.419)	0.015	0.015
9	0.75	0.10	0.029	(0.418)	0.015	0.015
10	0.83	0.13	0.039	(0.416)	0.019	0.019
11	0.92	0.13	0.039	(0.414)	0.019	0.019
12	1.00	0.13	0.039	(0.413)	0.019	0.019
13	1.08	0.10	0.029	(0.411)	0.015	0.015
14	1.17	0.10	0.029	(0.409)	0.015	0.015
15	1.25	0.10	0.029	(0.408)	0.015	0.015
16	1.33	0.10	0.029	(0.406)	0.015	0.015
17	1.42	0.10	0.029	(0.404)	0.015	0.015
18	1.50	0.10	0.029	(0.403)	0.015	0.015
19	1.58	0.10	0.029	(0.401)	0.015	0.015
20	1.67	0.10	0.029	(0.400)	0.015	0.015
21	1.75	0.10	0.029	(0.398)	0.015	0.015
22	1.83	0.13	0.039	(0.396)	0.019	0.019
23	1.92	0.13	0.039	(0.395)	0.019	0.019
24	2.00	0.13	0.039	(0.393)	0.019	0.019
25	2.08	0.13	0.039	(0.392)	0.019	0.019
26	2.17	0.13	0.039	(0.390)	0.019	0.019
27	2.25	0.13	0.039	(0.388)	0.019	0.019
28	2.33	0.13	0.039	(0.387)	0.019	0.019
29	2.42	0.13	0.039	(0.385)	0.019	0.019
30	2.50	0.13	0.039	(0.384)	0.019	0.019
31	2.58	0.17	0.049	(0.382)	0.024	0.024
32	2.67	0.17	0.049	(0.381)	0.024	0.024
33	2.75	0.17	0.049	(0.379)	0.024	0.024
34	2.83	0.17	0.049	(0.378)	0.024	0.024
35	2.92	0.17	0.049	(0.376)	0.024	0.024
36	3.00	0.17	0.049	(0.374)	0.024	0.024
37	3.08	0.17	0.049	(0.373)	0.024	0.024
38	3.17	0.17	0.049	(0.371)	0.024	0.024
39	3.25	0.17	0.049	(0.370)	0.024	0.024
40	3.33	0.17	0.049	(0.368)	0.024	0.024
41	3.42	0.17	0.049	(0.367)	0.024	0.024
42	3.50	0.17	0.049	(0.365)	0.024	0.024
43	3.58	0.17	0.049	(0.364)	0.024	0.024
44	3.67	0.17	0.049	(0.362)	0.024	0.024
45	3.75	0.17	0.049	(0.361)	0.024	0.024
46	3.83	0.20	0.058	(0.359)	0.029	0.029
47	3.92	0.20	0.058	(0.358)	0.029	0.029
48	4.00	0.20	0.058	(0.356)	0.029	0.029
49	4.08	0.20	0.058	(0.354)	0.029	0.029
50	4.17	0.20	0.058	(0.353)	0.029	0.029
51	4.25	0.20	0.058	(0.351)	0.029	0.029
52	4.33	0.23	0.068	(0.350)	0.034	0.034
53	4.42	0.23	0.068	(0.348)	0.034	0.034
54	4.50	0.23	0.068	(0.347)	0.034	0.034
55	4.58	0.23	0.068	(0.346)	0.034	0.034
56	4.67	0.23	0.068	(0.344)	0.034	0.034
57	4.75	0.23	0.068	(0.343)	0.034	0.034
58	4.83	0.27	0.078	(0.341)	0.039	0.039
59	4.92	0.27	0.078	(0.340)	0.039	0.039
60	5.00	0.27	0.078	(0.338)	0.039	0.039
61	5.08	0.20	0.058	(0.337)	0.029	0.029
62	5.17	0.20	0.058	(0.335)	0.029	0.029

63	5.25	0.20	0.058	(0.334)	0.029	0.029
64	5.33	0.23	0.068	(0.332)	0.034	0.034
65	5.42	0.23	0.068	(0.331)	0.034	0.034
66	5.50	0.23	0.068	(0.329)	0.034	0.034
67	5.58	0.27	0.078	(0.328)	0.039	0.039
68	5.67	0.27	0.078	(0.326)	0.039	0.039
69	5.75	0.27	0.078	(0.325)	0.039	0.039
70	5.83	0.27	0.078	(0.324)	0.039	0.039
71	5.92	0.27	0.078	(0.322)	0.039	0.039
72	6.00	0.27	0.078	(0.321)	0.039	0.039
73	6.08	0.30	0.088	(0.319)	0.044	0.044
74	6.17	0.30	0.088	(0.318)	0.044	0.044
75	6.25	0.30	0.088	(0.316)	0.044	0.044
76	6.33	0.30	0.088	(0.315)	0.044	0.044
77	6.42	0.30	0.088	(0.314)	0.044	0.044
78	6.50	0.30	0.088	(0.312)	0.044	0.044
79	6.58	0.33	0.097	(0.311)	0.049	0.049
80	6.67	0.33	0.097	(0.309)	0.049	0.049
81	6.75	0.33	0.097	(0.308)	0.049	0.049
82	6.83	0.33	0.097	(0.307)	0.049	0.049
83	6.92	0.33	0.097	(0.305)	0.049	0.049
84	7.00	0.33	0.097	(0.304)	0.049	0.049
85	7.08	0.33	0.097	(0.303)	0.049	0.049
86	7.17	0.33	0.097	(0.301)	0.049	0.049
87	7.25	0.33	0.097	(0.300)	0.049	0.049
88	7.33	0.37	0.107	(0.298)	0.054	0.054
89	7.42	0.37	0.107	(0.297)	0.054	0.054
90	7.50	0.37	0.107	(0.296)	0.054	0.054
91	7.58	0.40	0.117	(0.294)	0.058	0.058
92	7.67	0.40	0.117	(0.293)	0.058	0.058
93	7.75	0.40	0.117	(0.292)	0.058	0.058
94	7.83	0.43	0.126	(0.290)	0.063	0.063
95	7.92	0.43	0.126	(0.289)	0.063	0.063
96	8.00	0.43	0.126	(0.288)	0.063	0.063
97	8.08	0.50	0.146	(0.286)	0.073	0.073
98	8.17	0.50	0.146	(0.285)	0.073	0.073
99	8.25	0.50	0.146	(0.284)	0.073	0.073
100	8.33	0.50	0.146	(0.282)	0.073	0.073
101	8.42	0.50	0.146	(0.281)	0.073	0.073
102	8.50	0.50	0.146	(0.280)	0.073	0.073
103	8.58	0.53	0.156	(0.278)	0.078	0.078
104	8.67	0.53	0.156	(0.277)	0.078	0.078
105	8.75	0.53	0.156	(0.276)	0.078	0.078
106	8.83	0.57	0.165	(0.274)	0.083	0.083
107	8.92	0.57	0.165	(0.273)	0.083	0.083
108	9.00	0.57	0.165	(0.272)	0.083	0.083
109	9.08	0.63	0.185	(0.271)	0.092	0.092
110	9.17	0.63	0.185	(0.269)	0.092	0.092
111	9.25	0.63	0.185	(0.268)	0.092	0.092
112	9.33	0.67	0.195	(0.267)	0.097	0.097
113	9.42	0.67	0.195	(0.265)	0.097	0.097
114	9.50	0.67	0.195	(0.264)	0.097	0.097
115	9.58	0.70	0.204	(0.263)	0.102	0.102
116	9.67	0.70	0.204	(0.262)	0.102	0.102
117	9.75	0.70	0.204	(0.260)	0.102	0.102
118	9.83	0.73	0.214	(0.259)	0.107	0.107
119	9.92	0.73	0.214	(0.258)	0.107	0.107

120	10.00	0.73	0.214	(0.257)	0.107	0.107
121	10.08	0.50	0.146	(0.255)	0.073	0.073
122	10.17	0.50	0.146	(0.254)	0.073	0.073
123	10.25	0.50	0.146	(0.253)	0.073	0.073
124	10.33	0.50	0.146	(0.252)	0.073	0.073
125	10.42	0.50	0.146	(0.250)	0.073	0.073
126	10.50	0.50	0.146	(0.249)	0.073	0.073
127	10.58	0.67	0.195	(0.248)	0.097	0.097
128	10.67	0.67	0.195	(0.247)	0.097	0.097
129	10.75	0.67	0.195	(0.246)	0.097	0.097
130	10.83	0.67	0.195	(0.244)	0.097	0.097
131	10.92	0.67	0.195	(0.243)	0.097	0.097
132	11.00	0.67	0.195	(0.242)	0.097	0.097
133	11.08	0.63	0.185	(0.241)	0.092	0.092
134	11.17	0.63	0.185	(0.240)	0.092	0.092
135	11.25	0.63	0.185	(0.238)	0.092	0.092
136	11.33	0.63	0.185	(0.237)	0.092	0.092
137	11.42	0.63	0.185	(0.236)	0.092	0.092
138	11.50	0.63	0.185	(0.235)	0.092	0.092
139	11.58	0.57	0.165	(0.234)	0.083	0.083
140	11.67	0.57	0.165	(0.233)	0.083	0.083
141	11.75	0.57	0.165	(0.231)	0.083	0.083
142	11.83	0.60	0.175	(0.230)	0.088	0.088
143	11.92	0.60	0.175	(0.229)	0.088	0.088
144	12.00	0.60	0.175	(0.228)	0.088	0.088
145	12.08	0.83	0.243	(0.227)	0.122	0.122
146	12.17	0.83	0.243	(0.226)	0.122	0.122
147	12.25	0.83	0.243	(0.225)	0.122	0.122
148	12.33	0.87	0.253	(0.223)	0.126	0.126
149	12.42	0.87	0.253	(0.222)	0.126	0.126
150	12.50	0.87	0.253	(0.221)	0.126	0.126
151	12.58	0.93	0.272	(0.220)	0.136	0.136
152	12.67	0.93	0.272	(0.219)	0.136	0.136
153	12.75	0.93	0.272	(0.218)	0.136	0.136
154	12.83	0.97	0.282	(0.217)	0.141	0.141
155	12.92	0.97	0.282	(0.216)	0.141	0.141
156	13.00	0.97	0.282	(0.215)	0.141	0.141
157	13.08	1.13	0.331	(0.213)	0.165	0.165
158	13.17	1.13	0.331	(0.212)	0.165	0.165
159	13.25	1.13	0.331	(0.211)	0.165	0.165
160	13.33	1.13	0.331	(0.210)	0.165	0.165
161	13.42	1.13	0.331	(0.209)	0.165	0.165
162	13.50	1.13	0.331	(0.208)	0.165	0.165
163	13.58	0.77	0.224	(0.207)	0.112	0.112
164	13.67	0.77	0.224	(0.206)	0.112	0.112
165	13.75	0.77	0.224	(0.205)	0.112	0.112
166	13.83	0.77	0.224	(0.204)	0.112	0.112
167	13.92	0.77	0.224	(0.203)	0.112	0.112
168	14.00	0.77	0.224	(0.202)	0.112	0.112
169	14.08	0.90	0.263	(0.201)	0.131	0.131
170	14.17	0.90	0.263	(0.200)	0.131	0.131
171	14.25	0.90	0.263	(0.199)	0.131	0.131
172	14.33	0.87	0.253	(0.198)	0.126	0.126
173	14.42	0.87	0.253	(0.197)	0.126	0.126
174	14.50	0.87	0.253	(0.196)	0.126	0.126
175	14.58	0.87	0.253	(0.195)	0.126	0.126
176	14.67	0.87	0.253	(0.194)	0.126	0.126

177	14.75	0.87	0.253	(0.193)	0.126	0.126
178	14.83	0.83	0.243	(0.192)	0.122	0.122
179	14.92	0.83	0.243	(0.191)	0.122	0.122
180	15.00	0.83	0.243	(0.190)	0.122	0.122
181	15.08	0.80	0.233	(0.189)	0.117	0.117
182	15.17	0.80	0.233	(0.188)	0.117	0.117
183	15.25	0.80	0.233	(0.187)	0.117	0.117
184	15.33	0.77	0.224	(0.186)	0.112	0.112
185	15.42	0.77	0.224	(0.185)	0.112	0.112
186	15.50	0.77	0.224	(0.184)	0.112	0.112
187	15.58	0.63	0.185	(0.183)	0.092	0.092
188	15.67	0.63	0.185	(0.182)	0.092	0.092
189	15.75	0.63	0.185	(0.181)	0.092	0.092
190	15.83	0.63	0.185	(0.180)	0.092	0.092
191	15.92	0.63	0.185	(0.179)	0.092	0.092
192	16.00	0.63	0.185	(0.178)	0.092	0.092
193	16.08	0.13	0.039	(0.178)	0.019	0.019
194	16.17	0.13	0.039	(0.177)	0.019	0.019
195	16.25	0.13	0.039	(0.176)	0.019	0.019
196	16.33	0.13	0.039	(0.175)	0.019	0.019
197	16.42	0.13	0.039	(0.174)	0.019	0.019
198	16.50	0.13	0.039	(0.173)	0.019	0.019
199	16.58	0.10	0.029	(0.172)	0.015	0.015
200	16.67	0.10	0.029	(0.171)	0.015	0.015
201	16.75	0.10	0.029	(0.170)	0.015	0.015
202	16.83	0.10	0.029	(0.170)	0.015	0.015
203	16.92	0.10	0.029	(0.169)	0.015	0.015
204	17.00	0.10	0.029	(0.168)	0.015	0.015
205	17.08	0.17	0.049	(0.167)	0.024	0.024
206	17.17	0.17	0.049	(0.166)	0.024	0.024
207	17.25	0.17	0.049	(0.165)	0.024	0.024
208	17.33	0.17	0.049	(0.164)	0.024	0.024
209	17.42	0.17	0.049	(0.164)	0.024	0.024
210	17.50	0.17	0.049	(0.163)	0.024	0.024
211	17.58	0.17	0.049	(0.162)	0.024	0.024
212	17.67	0.17	0.049	(0.161)	0.024	0.024
213	17.75	0.17	0.049	(0.160)	0.024	0.024
214	17.83	0.13	0.039	(0.160)	0.019	0.019
215	17.92	0.13	0.039	(0.159)	0.019	0.019
216	18.00	0.13	0.039	(0.158)	0.019	0.019
217	18.08	0.13	0.039	(0.157)	0.019	0.019
218	18.17	0.13	0.039	(0.156)	0.019	0.019
219	18.25	0.13	0.039	(0.156)	0.019	0.019
220	18.33	0.13	0.039	(0.155)	0.019	0.019
221	18.42	0.13	0.039	(0.154)	0.019	0.019
222	18.50	0.13	0.039	(0.153)	0.019	0.019
223	18.58	0.10	0.029	(0.153)	0.015	0.015
224	18.67	0.10	0.029	(0.152)	0.015	0.015
225	18.75	0.10	0.029	(0.151)	0.015	0.015
226	18.83	0.07	0.019	(0.151)	0.010	0.010
227	18.92	0.07	0.019	(0.150)	0.010	0.010
228	19.00	0.07	0.019	(0.149)	0.010	0.010
229	19.08	0.10	0.029	(0.148)	0.015	0.015
230	19.17	0.10	0.029	(0.148)	0.015	0.015
231	19.25	0.10	0.029	(0.147)	0.015	0.015
232	19.33	0.13	0.039	(0.146)	0.019	0.019
233	19.42	0.13	0.039	(0.146)	0.019	0.019

234	19.50	0.13	0.039	(0.145)	0.019	0.019
235	19.58	0.10	0.029	(0.144)	0.015	0.015
236	19.67	0.10	0.029	(0.144)	0.015	0.015
237	19.75	0.10	0.029	(0.143)	0.015	0.015
238	19.83	0.07	0.019	(0.142)	0.010	0.010
239	19.92	0.07	0.019	(0.142)	0.010	0.010
240	20.00	0.07	0.019	(0.141)	0.010	0.010
241	20.08	0.10	0.029	(0.140)	0.015	0.015
242	20.17	0.10	0.029	(0.140)	0.015	0.015
243	20.25	0.10	0.029	(0.139)	0.015	0.015
244	20.33	0.10	0.029	(0.139)	0.015	0.015
245	20.42	0.10	0.029	(0.138)	0.015	0.015
246	20.50	0.10	0.029	(0.137)	0.015	0.015
247	20.58	0.10	0.029	(0.137)	0.015	0.015
248	20.67	0.10	0.029	(0.136)	0.015	0.015
249	20.75	0.10	0.029	(0.136)	0.015	0.015
250	20.83	0.07	0.019	(0.135)	0.010	0.010
251	20.92	0.07	0.019	(0.135)	0.010	0.010
252	21.00	0.07	0.019	(0.134)	0.010	0.010
253	21.08	0.10	0.029	(0.134)	0.015	0.015
254	21.17	0.10	0.029	(0.133)	0.015	0.015
255	21.25	0.10	0.029	(0.133)	0.015	0.015
256	21.33	0.07	0.019	(0.132)	0.010	0.010
257	21.42	0.07	0.019	(0.132)	0.010	0.010
258	21.50	0.07	0.019	(0.131)	0.010	0.010
259	21.58	0.10	0.029	(0.131)	0.015	0.015
260	21.67	0.10	0.029	(0.130)	0.015	0.015
261	21.75	0.10	0.029	(0.130)	0.015	0.015
262	21.83	0.07	0.019	(0.129)	0.010	0.010
263	21.92	0.07	0.019	(0.129)	0.010	0.010
264	22.00	0.07	0.019	(0.128)	0.010	0.010
265	22.08	0.10	0.029	(0.128)	0.015	0.015
266	22.17	0.10	0.029	(0.127)	0.015	0.015
267	22.25	0.10	0.029	(0.127)	0.015	0.015
268	22.33	0.07	0.019	(0.127)	0.010	0.010
269	22.42	0.07	0.019	(0.126)	0.010	0.010
270	22.50	0.07	0.019	(0.126)	0.010	0.010
271	22.58	0.07	0.019	(0.126)	0.010	0.010
272	22.67	0.07	0.019	(0.125)	0.010	0.010
273	22.75	0.07	0.019	(0.125)	0.010	0.010
274	22.83	0.07	0.019	(0.125)	0.010	0.010
275	22.92	0.07	0.019	(0.124)	0.010	0.010
276	23.00	0.07	0.019	(0.124)	0.010	0.010
277	23.08	0.07	0.019	(0.124)	0.010	0.010
278	23.17	0.07	0.019	(0.123)	0.010	0.010
279	23.25	0.07	0.019	(0.123)	0.010	0.010
280	23.33	0.07	0.019	(0.123)	0.010	0.010
281	23.42	0.07	0.019	(0.123)	0.010	0.010
282	23.50	0.07	0.019	(0.122)	0.010	0.010
283	23.58	0.07	0.019	(0.122)	0.010	0.010
284	23.67	0.07	0.019	(0.122)	0.010	0.010
285	23.75	0.07	0.019	(0.122)	0.010	0.010
286	23.83	0.07	0.019	(0.122)	0.010	0.010
287	23.92	0.07	0.019	(0.122)	0.010	0.010
288	24.00	0.07	0.019	(0.122)	0.010	0.010
		(Loss Rate Not Used)				
	Sum =	100.0			Sum =	14.6

Flood volume = Effective rainfall 1.22(In)
times area 36.8(Ac.)/[(In)/(Ft.)] = 3.7(Ac.Ft)
Total soil loss = 1.22(In)
Total soil loss = 3.729(Ac.Ft)
Total rainfall = 2.43(In)
Flood volume = 162453.6 Cubic Feet
Total soil loss = 162453.6 Cubic Feet

Peak flow rate of this hydrograph = 6.128(CFS)

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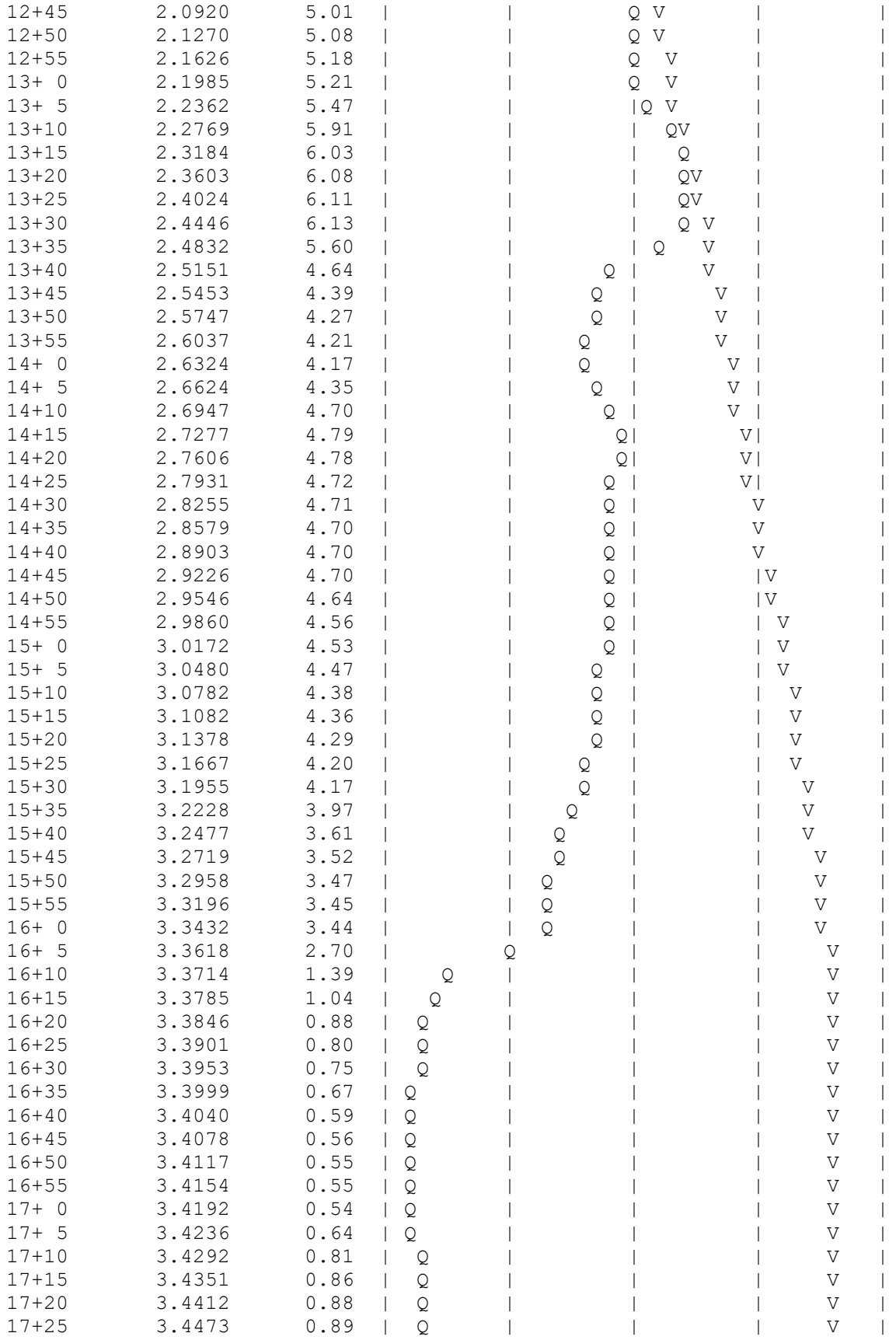
24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0007	0.10	Q				
0+10	0.0025	0.27	VQ				
0+15	0.0047	0.32	VQ				
0+20	0.0074	0.39	VQ				
0+25	0.0108	0.49	VQ				
0+30	0.0143	0.52	V Q				
0+35	0.0180	0.53	V Q				
0+40	0.0217	0.54	V Q				
0+45	0.0254	0.54	V Q				
0+50	0.0295	0.59	V Q				
0+55	0.0341	0.68	V Q				
1+ 0	0.0389	0.70	V Q				
1+ 5	0.0435	0.66	V Q				
1+10	0.0475	0.58	V Q				
1+15	0.0514	0.56	V Q				
1+20	0.0552	0.55	V Q				
1+25	0.0589	0.55	V Q				
1+30	0.0627	0.54	V Q				
1+35	0.0664	0.54	V Q				
1+40	0.0701	0.54	V Q				
1+45	0.0739	0.54	V Q				
1+50	0.0779	0.59	V Q				
1+55	0.0826	0.68	V Q				
2+ 0	0.0874	0.70	V Q				
2+ 5	0.0923	0.71	V Q				
2+10	0.0973	0.72	|VQ				
2+15	0.1022	0.72	|VQ				
2+20	0.1072	0.72	|VQ				
2+25	0.1122	0.72	|VQ				
2+30	0.1171	0.72	|VQ				
2+35	0.1224	0.77	|V Q				
2+40	0.1284	0.86	|V Q				
2+45	0.1344	0.88	|V Q				
2+50	0.1406	0.89	|V Q				
2+55	0.1468	0.90	|V Q				
3+ 0	0.1530	0.90	|V Q				
3+ 5	0.1592	0.90	|V Q				
3+10	0.1654	0.90	|V Q				

3+15	0.1716	0.90	V Q			
3+20	0.1778	0.90	V Q			
3+25	0.1840	0.90	V Q			
3+30	0.1902	0.90	VQ			
3+35	0.1965	0.90	VQ			
3+40	0.2027	0.90	VQ			
3+45	0.2089	0.90	VQ			
3+50	0.2154	0.95	VQ			
3+55	0.2226	1.04	V Q			
4+ 0	0.2299	1.06	V Q			
4+ 5	0.2373	1.07	V Q			
4+10	0.2447	1.08	V Q			
4+15	0.2522	1.08	V Q			
4+20	0.2600	1.13	V Q			
4+25	0.2684	1.22	V Q			
4+30	0.2769	1.24	V Q			
4+35	0.2855	1.25	V Q			
4+40	0.2942	1.26	V Q			
4+45	0.3029	1.26	V Q			
4+50	0.3119	1.31	V Q			
4+55	0.3216	1.40	V Q			
5+ 0	0.3314	1.42	V Q			
5+ 5	0.3406	1.34	V Q			
5+10	0.3486	1.17	VQ			
5+15	0.3563	1.12	VQ			
5+20	0.3643	1.15	VQ			
5+25	0.3728	1.23	VQ			
5+30	0.3813	1.25	Q			
5+35	0.3903	1.30	VQ			
5+40	0.3999	1.39	VQ			
5+45	0.4097	1.42	VQ			
5+50	0.4196	1.43	VQ			
5+55	0.4295	1.44	VQ			
6+ 0	0.4394	1.44	VQ			
6+ 5	0.4497	1.49	VQ			
6+10	0.4606	1.58	V Q			
6+15	0.4716	1.60	VQ			
6+20	0.4827	1.61	VQ			
6+25	0.4939	1.62	VQ			
6+30	0.5050	1.62	VQ			
6+35	0.5166	1.67	VQ			
6+40	0.5287	1.76	V Q			
6+45	0.5410	1.78	V Q			
6+50	0.5533	1.79	V Q			
6+55	0.5657	1.80	VQ			
7+ 0	0.5782	1.80	VQ			
7+ 5	0.5906	1.81	VQ			
7+10	0.6030	1.81	VQ			
7+15	0.6154	1.81	VQ			
7+20	0.6282	1.85	VQ			
7+25	0.6416	1.94	VQ			
7+30	0.6551	1.96	Q			
7+35	0.6690	2.02	VQ			
7+40	0.6836	2.12	VQ			
7+45	0.6984	2.14	VQ			
7+50	0.7136	2.20	VQ			
7+55	0.7294	2.30	V Q			

8+ 0	0.7454	2.32	V Q|			
8+ 5	0.7621	2.43	VQ|			
8+10	0.7801	2.61	V Q			
8+15	0.7985	2.66	V Q			
8+20	0.8170	2.69	V Q			
8+25	0.8356	2.70	V Q			
8+30	0.8542	2.70	VQ			
8+35	0.8732	2.76	V|Q			
8+40	0.8927	2.84	V|Q			
8+45	0.9125	2.87	V|Q			
8+50	0.9326	2.93	VQ			
8+55	0.9534	3.02	V Q			
9+ 0	0.9744	3.05	V Q			
9+ 5	0.9961	3.16	V Q			
9+10	1.0191	3.34	V Q			
9+15	1.0424	3.39	|V Q			
9+20	1.0662	3.46	|V Q			
9+25	1.0907	3.56	|V Q			
9+30	1.1154	3.59	|V Q			
9+35	1.1405	3.65	| V Q			
9+40	1.1663	3.74	| V Q			
9+45	1.1922	3.77	| V Q			
9+50	1.2186	3.83	| V Q			
9+55	1.2456	3.92	| V Q			
10+ 0	1.2728	3.95	| V Q			
10+ 5	1.2977	3.62	| VQ			
10+10	1.3185	3.01	| Q V			
10+15	1.3381	2.85	|Q V			
10+20	1.3573	2.78	|Q V			
10+25	1.3762	2.74	Q V			
10+30	1.3949	2.72	Q V			
10+35	1.4153	2.95	|Q V			
10+40	1.4386	3.39	| Q V			
10+45	1.4627	3.50	| QV			
10+50	1.4872	3.56	| QV			
10+55	1.5119	3.58	| Q V			
11+ 0	1.5367	3.60	| Q V			
11+ 5	1.5612	3.56	| Q V			
11+10	1.5852	3.47	| Q V			
11+15	1.6089	3.45	| Q V			
11+20	1.6326	3.44	| Q V			
11+25	1.6563	3.43	| Q V			
11+30	1.6799	3.43	| Q V			
11+35	1.7029	3.33	| Q V			
11+40	1.7246	3.16	| Q V			
11+45	1.7460	3.11	| Q V			
11+50	1.7676	3.14	| Q V			
11+55	1.7898	3.21	| Q V|			
12+ 0	1.8120	3.23	| Q V|			
12+ 5	1.8367	3.58	| Q V|			
12+10	1.8656	4.20	| Q V			
12+15	1.8956	4.36	| Q V			
12+20	1.9265	4.49	| Q V			
12+25	1.9583	4.61	| Q |V			
12+30	1.9904	4.66	| Q |V			
12+35	2.0233	4.78	| Q|V			
12+40	2.0575	4.96	| Q| V			



17+30	3.4535	0.90	| Q	|	|	|	V |
17+35	3.4597	0.90	| Q	|	|	|	V |
17+40	3.4659	0.90	| Q	|	|	|	V |
17+45	3.4721	0.90	| Q	|	|	|	V |
17+50	3.4780	0.85	| Q	|	|	|	V |
17+55	3.4833	0.77	| Q	|	|	|	V |
18+ 0	3.4884	0.74	| Q	|	|	|	V |
18+ 5	3.4935	0.73	| Q	|	|	|	V |
18+10	3.4985	0.73	| Q	|	|	|	V |
18+15	3.5035	0.72	| Q	|	|	|	V |
18+20	3.5084	0.72	| Q	|	|	|	V |
18+25	3.5134	0.72	| Q	|	|	|	V |
18+30	3.5184	0.72	| Q	|	|	|	V |
18+35	3.5230	0.67	| Q	|	|	|	V |
18+40	3.5270	0.59	| Q	|	|	|	V |
18+45	3.5309	0.56	| Q	|	|	|	V |
18+50	3.5344	0.50	| Q	|	|	|	V |
18+55	3.5372	0.41	|Q	|	|	|	V |
19+ 0	3.5399	0.38	|Q	|	|	|	V |
19+ 5	3.5428	0.42	|Q	|	|	|	V |
19+10	3.5462	0.50	| Q	|	|	|	V |
19+15	3.5498	0.52	| Q	|	|	|	V |
19+20	3.5538	0.58	| Q	|	|	|	V |
19+25	3.5584	0.67	| Q	|	|	|	V |
19+30	3.5632	0.70	| Q	|	|	|	V |
19+35	3.5678	0.66	| Q	|	|	|	V |
19+40	3.5718	0.58	| Q	|	|	|	V |
19+45	3.5757	0.56	| Q	|	|	|	V |
19+50	3.5791	0.50	| Q	|	|	|	V |
19+55	3.5820	0.41	|Q	|	|	|	V |
20+ 0	3.5846	0.38	|Q	|	|	|	V |
20+ 5	3.5875	0.42	|Q	|	|	|	V |
20+10	3.5910	0.50	| Q	|	|	|	V |
20+15	3.5946	0.52	| Q	|	|	|	V |
20+20	3.5982	0.53	| Q	|	|	|	V |
20+25	3.6019	0.54	| Q	|	|	|	V |
20+30	3.6056	0.54	| Q	|	|	|	V |
20+35	3.6094	0.54	| Q	|	|	|	V |
20+40	3.6131	0.54	| Q	|	|	|	V |
20+45	3.6168	0.54	| Q	|	|	|	V |
20+50	3.6202	0.49	|Q	|	|	|	V |
20+55	3.6230	0.41	|Q	|	|	|	V |
21+ 0	3.6256	0.38	|Q	|	|	|	V |
21+ 5	3.6285	0.42	|Q	|	|	|	V |
21+10	3.6320	0.50	| Q	|	|	|	V |
21+15	3.6356	0.52	| Q	|	|	|	V |
21+20	3.6389	0.48	|Q	|	|	|	V|
21+25	3.6417	0.40	|Q	|	|	|	V|
21+30	3.6443	0.38	|Q	|	|	|	V|
21+35	3.6472	0.42	|Q	|	|	|	V|
21+40	3.6506	0.50	| Q	|	|	|	V|
21+45	3.6542	0.52	| Q	|	|	|	V|
21+50	3.6576	0.48	|Q	|	|	|	V|
21+55	3.6603	0.40	|Q	|	|	|	V|
22+ 0	3.6629	0.38	|Q	|	|	|	V|
22+ 5	3.6658	0.42	|Q	|	|	|	V|
22+10	3.6693	0.50	| Q	|	|	|	V|

22+15	3.6729	0.52	| Q	|	|	|	V|
22+20	3.6762	0.48	|Q	|	|	|	V|
22+25	3.6790	0.40	|Q	|	|	|	V|
22+30	3.6816	0.38	|Q	|	|	|	V|
22+35	3.6841	0.37	|Q	|	|	|	V|
22+40	3.6867	0.37	|Q	|	|	|	V|
22+45	3.6892	0.36	|Q	|	|	|	V|
22+50	3.6916	0.36	|Q	|	|	|	V|
22+55	3.6941	0.36	|Q	|	|	|	V|
23+ 0	3.6966	0.36	|Q	|	|	|	V|
23+ 5	3.6991	0.36	|Q	|	|	|	V|
23+10	3.7016	0.36	|Q	|	|	|	V|
23+15	3.7041	0.36	|Q	|	|	|	V|
23+20	3.7066	0.36	|Q	|	|	|	V|
23+25	3.7091	0.36	|Q	|	|	|	V|
23+30	3.7115	0.36	|Q	|	|	|	V|
23+35	3.7140	0.36	|Q	|	|	|	V|
23+40	3.7165	0.36	|Q	|	|	|	V|
23+45	3.7190	0.36	|Q	|	|	|	V|
23+50	3.7215	0.36	|Q	|	|	|	V|
23+55	3.7240	0.36	|Q	|	|	|	V|
24+ 0	3.7265	0.36	|Q	|	|	|	V|
24+ 5	3.7283	0.26	|Q	|	|	|	V|
24+10	3.7289	0.09	Q	|	|	|	V|
24+15	3.7292	0.04	Q	|	|	|	V|
24+20	3.7293	0.02	Q	|	|	|	V|
24+25	3.7294	0.01	Q	|	|	|	V|
24+30	3.7294	0.00	Q	|	|	|	V|

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

Study date 11/10/20 File: cottonwoodprop2410.out

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

Program License Serial Number 6194

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

English Units used in output format

The Cottonwood Unit Hydrograph
PROPOSED Hydrology
10-Year-24 Hour Event

Drainage Area = 36.80(Ac.) = 0.057 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 36.80(Ac.) = 0.057 Sq. Mi.
Length along longest watercourse = 2685.00(Ft.)
Length along longest watercourse measured to centroid = 665.00(Ft.)
Length along longest watercourse = 0.509 Mi.
Length along longest watercourse measured to centroid = 0.126 Mi.
Difference in elevation = 15.70(Ft.)
Slope along watercourse = 30.8737 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.066 Hr.
Lag time = 3.96 Min.
25% of lag time = 0.99 Min.
40% of lag time = 1.58 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]
36.80	1.80	66.24

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	Weighting[1*2]

36.80 4.50 165.60

STORM EVENT (YEAR) = 10.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.500(In)

Point rain (area averaged) = 2.911(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 2.911(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
18.400	56.00	0.500
18.400	69.00	0.500

Total Area Entered = 36.80(Ac.)

RI AMC2	RI AMC-2	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
56.0	56.0	0.511	0.500	0.281	0.500	0.140
69.0	69.0	0.373	0.500	0.205	0.500	0.103
					Sum (F) =	0.243

Area averaged mean soil loss (F) (In/Hr) = 0.243
Minimum soil loss rate ((In/Hr)) = 0.121
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.500

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

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	126.203	26.969	10.002
2	0.167	252.406	48.478	17.979
3	0.250	378.608	12.792	4.744
4	0.333	504.811	5.750	2.133
5	0.417	631.014	3.186	1.182
6	0.500	757.217	1.761	0.653
7	0.583	883.420	1.065	0.395
			Sum = 100.000	Sum= 37.087

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

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	0.07	0.023	(0.431)	0.012	0.012
2	0.17	0.07	0.023	(0.429)	0.012	0.012
3	0.25	0.07	0.023	(0.427)	0.012	0.012
4	0.33	0.10	0.035	(0.426)	0.017	0.017
5	0.42	0.10	0.035	(0.424)	0.017	0.017

6	0.50	0.10	0.035	(0.422)	0.017	0.017
7	0.58	0.10	0.035	(0.421)	0.017	0.017
8	0.67	0.10	0.035	(0.419)	0.017	0.017
9	0.75	0.10	0.035	(0.418)	0.017	0.017
10	0.83	0.13	0.047	(0.416)	0.023	0.023
11	0.92	0.13	0.047	(0.414)	0.023	0.023
12	1.00	0.13	0.047	(0.413)	0.023	0.023
13	1.08	0.10	0.035	(0.411)	0.017	0.017
14	1.17	0.10	0.035	(0.409)	0.017	0.017
15	1.25	0.10	0.035	(0.408)	0.017	0.017
16	1.33	0.10	0.035	(0.406)	0.017	0.017
17	1.42	0.10	0.035	(0.404)	0.017	0.017
18	1.50	0.10	0.035	(0.403)	0.017	0.017
19	1.58	0.10	0.035	(0.401)	0.017	0.017
20	1.67	0.10	0.035	(0.400)	0.017	0.017
21	1.75	0.10	0.035	(0.398)	0.017	0.017
22	1.83	0.13	0.047	(0.396)	0.023	0.023
23	1.92	0.13	0.047	(0.395)	0.023	0.023
24	2.00	0.13	0.047	(0.393)	0.023	0.023
25	2.08	0.13	0.047	(0.392)	0.023	0.023
26	2.17	0.13	0.047	(0.390)	0.023	0.023
27	2.25	0.13	0.047	(0.388)	0.023	0.023
28	2.33	0.13	0.047	(0.387)	0.023	0.023
29	2.42	0.13	0.047	(0.385)	0.023	0.023
30	2.50	0.13	0.047	(0.384)	0.023	0.023
31	2.58	0.17	0.058	(0.382)	0.029	0.029
32	2.67	0.17	0.058	(0.381)	0.029	0.029
33	2.75	0.17	0.058	(0.379)	0.029	0.029
34	2.83	0.17	0.058	(0.378)	0.029	0.029
35	2.92	0.17	0.058	(0.376)	0.029	0.029
36	3.00	0.17	0.058	(0.374)	0.029	0.029
37	3.08	0.17	0.058	(0.373)	0.029	0.029
38	3.17	0.17	0.058	(0.371)	0.029	0.029
39	3.25	0.17	0.058	(0.370)	0.029	0.029
40	3.33	0.17	0.058	(0.368)	0.029	0.029
41	3.42	0.17	0.058	(0.367)	0.029	0.029
42	3.50	0.17	0.058	(0.365)	0.029	0.029
43	3.58	0.17	0.058	(0.364)	0.029	0.029
44	3.67	0.17	0.058	(0.362)	0.029	0.029
45	3.75	0.17	0.058	(0.361)	0.029	0.029
46	3.83	0.20	0.070	(0.359)	0.035	0.035
47	3.92	0.20	0.070	(0.358)	0.035	0.035
48	4.00	0.20	0.070	(0.356)	0.035	0.035
49	4.08	0.20	0.070	(0.354)	0.035	0.035
50	4.17	0.20	0.070	(0.353)	0.035	0.035
51	4.25	0.20	0.070	(0.351)	0.035	0.035
52	4.33	0.23	0.081	(0.350)	0.041	0.041
53	4.42	0.23	0.081	(0.348)	0.041	0.041
54	4.50	0.23	0.081	(0.347)	0.041	0.041
55	4.58	0.23	0.081	(0.346)	0.041	0.041
56	4.67	0.23	0.081	(0.344)	0.041	0.041
57	4.75	0.23	0.081	(0.343)	0.041	0.041
58	4.83	0.27	0.093	(0.341)	0.047	0.047
59	4.92	0.27	0.093	(0.340)	0.047	0.047
60	5.00	0.27	0.093	(0.338)	0.047	0.047
61	5.08	0.20	0.070	(0.337)	0.035	0.035
62	5.17	0.20	0.070	(0.335)	0.035	0.035

63	5.25	0.20	0.070	(0.334)	0.035	0.035
64	5.33	0.23	0.081	(0.332)	0.041	0.041
65	5.42	0.23	0.081	(0.331)	0.041	0.041
66	5.50	0.23	0.081	(0.329)	0.041	0.041
67	5.58	0.27	0.093	(0.328)	0.047	0.047
68	5.67	0.27	0.093	(0.326)	0.047	0.047
69	5.75	0.27	0.093	(0.325)	0.047	0.047
70	5.83	0.27	0.093	(0.324)	0.047	0.047
71	5.92	0.27	0.093	(0.322)	0.047	0.047
72	6.00	0.27	0.093	(0.321)	0.047	0.047
73	6.08	0.30	0.105	(0.319)	0.052	0.052
74	6.17	0.30	0.105	(0.318)	0.052	0.052
75	6.25	0.30	0.105	(0.316)	0.052	0.052
76	6.33	0.30	0.105	(0.315)	0.052	0.052
77	6.42	0.30	0.105	(0.314)	0.052	0.052
78	6.50	0.30	0.105	(0.312)	0.052	0.052
79	6.58	0.33	0.116	(0.311)	0.058	0.058
80	6.67	0.33	0.116	(0.309)	0.058	0.058
81	6.75	0.33	0.116	(0.308)	0.058	0.058
82	6.83	0.33	0.116	(0.307)	0.058	0.058
83	6.92	0.33	0.116	(0.305)	0.058	0.058
84	7.00	0.33	0.116	(0.304)	0.058	0.058
85	7.08	0.33	0.116	(0.303)	0.058	0.058
86	7.17	0.33	0.116	(0.301)	0.058	0.058
87	7.25	0.33	0.116	(0.300)	0.058	0.058
88	7.33	0.37	0.128	(0.298)	0.064	0.064
89	7.42	0.37	0.128	(0.297)	0.064	0.064
90	7.50	0.37	0.128	(0.296)	0.064	0.064
91	7.58	0.40	0.140	(0.294)	0.070	0.070
92	7.67	0.40	0.140	(0.293)	0.070	0.070
93	7.75	0.40	0.140	(0.292)	0.070	0.070
94	7.83	0.43	0.151	(0.290)	0.076	0.076
95	7.92	0.43	0.151	(0.289)	0.076	0.076
96	8.00	0.43	0.151	(0.288)	0.076	0.076
97	8.08	0.50	0.175	(0.286)	0.087	0.087
98	8.17	0.50	0.175	(0.285)	0.087	0.087
99	8.25	0.50	0.175	(0.284)	0.087	0.087
100	8.33	0.50	0.175	(0.282)	0.087	0.087
101	8.42	0.50	0.175	(0.281)	0.087	0.087
102	8.50	0.50	0.175	(0.280)	0.087	0.087
103	8.58	0.53	0.186	(0.278)	0.093	0.093
104	8.67	0.53	0.186	(0.277)	0.093	0.093
105	8.75	0.53	0.186	(0.276)	0.093	0.093
106	8.83	0.57	0.198	(0.274)	0.099	0.099
107	8.92	0.57	0.198	(0.273)	0.099	0.099
108	9.00	0.57	0.198	(0.272)	0.099	0.099
109	9.08	0.63	0.221	(0.271)	0.111	0.111
110	9.17	0.63	0.221	(0.269)	0.111	0.111
111	9.25	0.63	0.221	(0.268)	0.111	0.111
112	9.33	0.67	0.233	(0.267)	0.116	0.116
113	9.42	0.67	0.233	(0.265)	0.116	0.116
114	9.50	0.67	0.233	(0.264)	0.116	0.116
115	9.58	0.70	0.244	(0.263)	0.122	0.122
116	9.67	0.70	0.244	(0.262)	0.122	0.122
117	9.75	0.70	0.244	(0.260)	0.122	0.122
118	9.83	0.73	0.256	(0.259)	0.128	0.128
119	9.92	0.73	0.256	(0.258)	0.128	0.128

120	10.00	0.73	0.256	(0.257)	0.128	0.128
121	10.08	0.50	0.175	(0.255)	0.087	0.087
122	10.17	0.50	0.175	(0.254)	0.087	0.087
123	10.25	0.50	0.175	(0.253)	0.087	0.087
124	10.33	0.50	0.175	(0.252)	0.087	0.087
125	10.42	0.50	0.175	(0.250)	0.087	0.087
126	10.50	0.50	0.175	(0.249)	0.087	0.087
127	10.58	0.67	0.233	(0.248)	0.116	0.116
128	10.67	0.67	0.233	(0.247)	0.116	0.116
129	10.75	0.67	0.233	(0.246)	0.116	0.116
130	10.83	0.67	0.233	(0.244)	0.116	0.116
131	10.92	0.67	0.233	(0.243)	0.116	0.116
132	11.00	0.67	0.233	(0.242)	0.116	0.116
133	11.08	0.63	0.221	(0.241)	0.111	0.111
134	11.17	0.63	0.221	(0.240)	0.111	0.111
135	11.25	0.63	0.221	(0.238)	0.111	0.111
136	11.33	0.63	0.221	(0.237)	0.111	0.111
137	11.42	0.63	0.221	(0.236)	0.111	0.111
138	11.50	0.63	0.221	(0.235)	0.111	0.111
139	11.58	0.57	0.198	(0.234)	0.099	0.099
140	11.67	0.57	0.198	(0.233)	0.099	0.099
141	11.75	0.57	0.198	(0.231)	0.099	0.099
142	11.83	0.60	0.210	(0.230)	0.105	0.105
143	11.92	0.60	0.210	(0.229)	0.105	0.105
144	12.00	0.60	0.210	(0.228)	0.105	0.105
145	12.08	0.83	0.291	(0.227)	0.146	0.146
146	12.17	0.83	0.291	(0.226)	0.146	0.146
147	12.25	0.83	0.291	(0.225)	0.146	0.146
148	12.33	0.87	0.303	(0.223)	0.151	0.151
149	12.42	0.87	0.303	(0.222)	0.151	0.151
150	12.50	0.87	0.303	(0.221)	0.151	0.151
151	12.58	0.93	0.326	(0.220)	0.163	0.163
152	12.67	0.93	0.326	(0.219)	0.163	0.163
153	12.75	0.93	0.326	(0.218)	0.163	0.163
154	12.83	0.97	0.338	(0.217)	0.169	0.169
155	12.92	0.97	0.338	(0.216)	0.169	0.169
156	13.00	0.97	0.338	(0.215)	0.169	0.169
157	13.08	1.13	0.396	(0.213)	0.198	0.198
158	13.17	1.13	0.396	(0.212)	0.198	0.198
159	13.25	1.13	0.396	(0.211)	0.198	0.198
160	13.33	1.13	0.396	(0.210)	0.198	0.198
161	13.42	1.13	0.396	(0.209)	0.198	0.198
162	13.50	1.13	0.396	(0.208)	0.198	0.198
163	13.58	0.77	0.268	(0.207)	0.134	0.134
164	13.67	0.77	0.268	(0.206)	0.134	0.134
165	13.75	0.77	0.268	(0.205)	0.134	0.134
166	13.83	0.77	0.268	(0.204)	0.134	0.134
167	13.92	0.77	0.268	(0.203)	0.134	0.134
168	14.00	0.77	0.268	(0.202)	0.134	0.134
169	14.08	0.90	0.314	(0.201)	0.157	0.157
170	14.17	0.90	0.314	(0.200)	0.157	0.157
171	14.25	0.90	0.314	(0.199)	0.157	0.157
172	14.33	0.87	0.303	(0.198)	0.151	0.151
173	14.42	0.87	0.303	(0.197)	0.151	0.151
174	14.50	0.87	0.303	(0.196)	0.151	0.151
175	14.58	0.87	0.303	(0.195)	0.151	0.151
176	14.67	0.87	0.303	(0.194)	0.151	0.151

177	14.75	0.87	0.303	(0.193)	0.151	0.151
178	14.83	0.83	0.291	(0.192)	0.146	0.146
179	14.92	0.83	0.291	(0.191)	0.146	0.146
180	15.00	0.83	0.291	(0.190)	0.146	0.146
181	15.08	0.80	0.279	(0.189)	0.140	0.140
182	15.17	0.80	0.279	(0.188)	0.140	0.140
183	15.25	0.80	0.279	(0.187)	0.140	0.140
184	15.33	0.77	0.268	(0.186)	0.134	0.134
185	15.42	0.77	0.268	(0.185)	0.134	0.134
186	15.50	0.77	0.268	(0.184)	0.134	0.134
187	15.58	0.63	0.221	(0.183)	0.111	0.111
188	15.67	0.63	0.221	(0.182)	0.111	0.111
189	15.75	0.63	0.221	(0.181)	0.111	0.111
190	15.83	0.63	0.221	(0.180)	0.111	0.111
191	15.92	0.63	0.221	(0.179)	0.111	0.111
192	16.00	0.63	0.221	(0.178)	0.111	0.111
193	16.08	0.13	0.047	(0.178)	0.023	0.023
194	16.17	0.13	0.047	(0.177)	0.023	0.023
195	16.25	0.13	0.047	(0.176)	0.023	0.023
196	16.33	0.13	0.047	(0.175)	0.023	0.023
197	16.42	0.13	0.047	(0.174)	0.023	0.023
198	16.50	0.13	0.047	(0.173)	0.023	0.023
199	16.58	0.10	0.035	(0.172)	0.017	0.017
200	16.67	0.10	0.035	(0.171)	0.017	0.017
201	16.75	0.10	0.035	(0.170)	0.017	0.017
202	16.83	0.10	0.035	(0.170)	0.017	0.017
203	16.92	0.10	0.035	(0.169)	0.017	0.017
204	17.00	0.10	0.035	(0.168)	0.017	0.017
205	17.08	0.17	0.058	(0.167)	0.029	0.029
206	17.17	0.17	0.058	(0.166)	0.029	0.029
207	17.25	0.17	0.058	(0.165)	0.029	0.029
208	17.33	0.17	0.058	(0.164)	0.029	0.029
209	17.42	0.17	0.058	(0.164)	0.029	0.029
210	17.50	0.17	0.058	(0.163)	0.029	0.029
211	17.58	0.17	0.058	(0.162)	0.029	0.029
212	17.67	0.17	0.058	(0.161)	0.029	0.029
213	17.75	0.17	0.058	(0.160)	0.029	0.029
214	17.83	0.13	0.047	(0.160)	0.023	0.023
215	17.92	0.13	0.047	(0.159)	0.023	0.023
216	18.00	0.13	0.047	(0.158)	0.023	0.023
217	18.08	0.13	0.047	(0.157)	0.023	0.023
218	18.17	0.13	0.047	(0.156)	0.023	0.023
219	18.25	0.13	0.047	(0.156)	0.023	0.023
220	18.33	0.13	0.047	(0.155)	0.023	0.023
221	18.42	0.13	0.047	(0.154)	0.023	0.023
222	18.50	0.13	0.047	(0.153)	0.023	0.023
223	18.58	0.10	0.035	(0.153)	0.017	0.017
224	18.67	0.10	0.035	(0.152)	0.017	0.017
225	18.75	0.10	0.035	(0.151)	0.017	0.017
226	18.83	0.07	0.023	(0.151)	0.012	0.012
227	18.92	0.07	0.023	(0.150)	0.012	0.012
228	19.00	0.07	0.023	(0.149)	0.012	0.012
229	19.08	0.10	0.035	(0.148)	0.017	0.017
230	19.17	0.10	0.035	(0.148)	0.017	0.017
231	19.25	0.10	0.035	(0.147)	0.017	0.017
232	19.33	0.13	0.047	(0.146)	0.023	0.023
233	19.42	0.13	0.047	(0.146)	0.023	0.023

234	19.50	0.13	0.047	(0.145)	0.023	0.023
235	19.58	0.10	0.035	(0.144)	0.017	0.017
236	19.67	0.10	0.035	(0.144)	0.017	0.017
237	19.75	0.10	0.035	(0.143)	0.017	0.017
238	19.83	0.07	0.023	(0.142)	0.012	0.012
239	19.92	0.07	0.023	(0.142)	0.012	0.012
240	20.00	0.07	0.023	(0.141)	0.012	0.012
241	20.08	0.10	0.035	(0.140)	0.017	0.017
242	20.17	0.10	0.035	(0.140)	0.017	0.017
243	20.25	0.10	0.035	(0.139)	0.017	0.017
244	20.33	0.10	0.035	(0.139)	0.017	0.017
245	20.42	0.10	0.035	(0.138)	0.017	0.017
246	20.50	0.10	0.035	(0.137)	0.017	0.017
247	20.58	0.10	0.035	(0.137)	0.017	0.017
248	20.67	0.10	0.035	(0.136)	0.017	0.017
249	20.75	0.10	0.035	(0.136)	0.017	0.017
250	20.83	0.07	0.023	(0.135)	0.012	0.012
251	20.92	0.07	0.023	(0.135)	0.012	0.012
252	21.00	0.07	0.023	(0.134)	0.012	0.012
253	21.08	0.10	0.035	(0.134)	0.017	0.017
254	21.17	0.10	0.035	(0.133)	0.017	0.017
255	21.25	0.10	0.035	(0.133)	0.017	0.017
256	21.33	0.07	0.023	(0.132)	0.012	0.012
257	21.42	0.07	0.023	(0.132)	0.012	0.012
258	21.50	0.07	0.023	(0.131)	0.012	0.012
259	21.58	0.10	0.035	(0.131)	0.017	0.017
260	21.67	0.10	0.035	(0.130)	0.017	0.017
261	21.75	0.10	0.035	(0.130)	0.017	0.017
262	21.83	0.07	0.023	(0.129)	0.012	0.012
263	21.92	0.07	0.023	(0.129)	0.012	0.012
264	22.00	0.07	0.023	(0.128)	0.012	0.012
265	22.08	0.10	0.035	(0.128)	0.017	0.017
266	22.17	0.10	0.035	(0.127)	0.017	0.017
267	22.25	0.10	0.035	(0.127)	0.017	0.017
268	22.33	0.07	0.023	(0.127)	0.012	0.012
269	22.42	0.07	0.023	(0.126)	0.012	0.012
270	22.50	0.07	0.023	(0.126)	0.012	0.012
271	22.58	0.07	0.023	(0.126)	0.012	0.012
272	22.67	0.07	0.023	(0.125)	0.012	0.012
273	22.75	0.07	0.023	(0.125)	0.012	0.012
274	22.83	0.07	0.023	(0.125)	0.012	0.012
275	22.92	0.07	0.023	(0.124)	0.012	0.012
276	23.00	0.07	0.023	(0.124)	0.012	0.012
277	23.08	0.07	0.023	(0.124)	0.012	0.012
278	23.17	0.07	0.023	(0.123)	0.012	0.012
279	23.25	0.07	0.023	(0.123)	0.012	0.012
280	23.33	0.07	0.023	(0.123)	0.012	0.012
281	23.42	0.07	0.023	(0.123)	0.012	0.012
282	23.50	0.07	0.023	(0.122)	0.012	0.012
283	23.58	0.07	0.023	(0.122)	0.012	0.012
284	23.67	0.07	0.023	(0.122)	0.012	0.012
285	23.75	0.07	0.023	(0.122)	0.012	0.012
286	23.83	0.07	0.023	(0.122)	0.012	0.012
287	23.92	0.07	0.023	(0.122)	0.012	0.012
288	24.00	0.07	0.023	(0.122)	0.012	0.012
		(Loss Rate Not Used)				
	Sum =	100.0			Sum =	17.5

Flood volume = Effective rainfall 1.46(In)
times area 36.8(Ac.)/[(In)/(Ft.)] = 4.5(Ac.Ft)
Total soil loss = 1.46(In)
Total soil loss = 4.463(Ac.Ft)
Total rainfall = 2.91(In)
Flood volume = 194404.3 Cubic Feet
Total soil loss = 194404.3 Cubic Feet

Peak flow rate of this hydrograph = 7.333(CFS)

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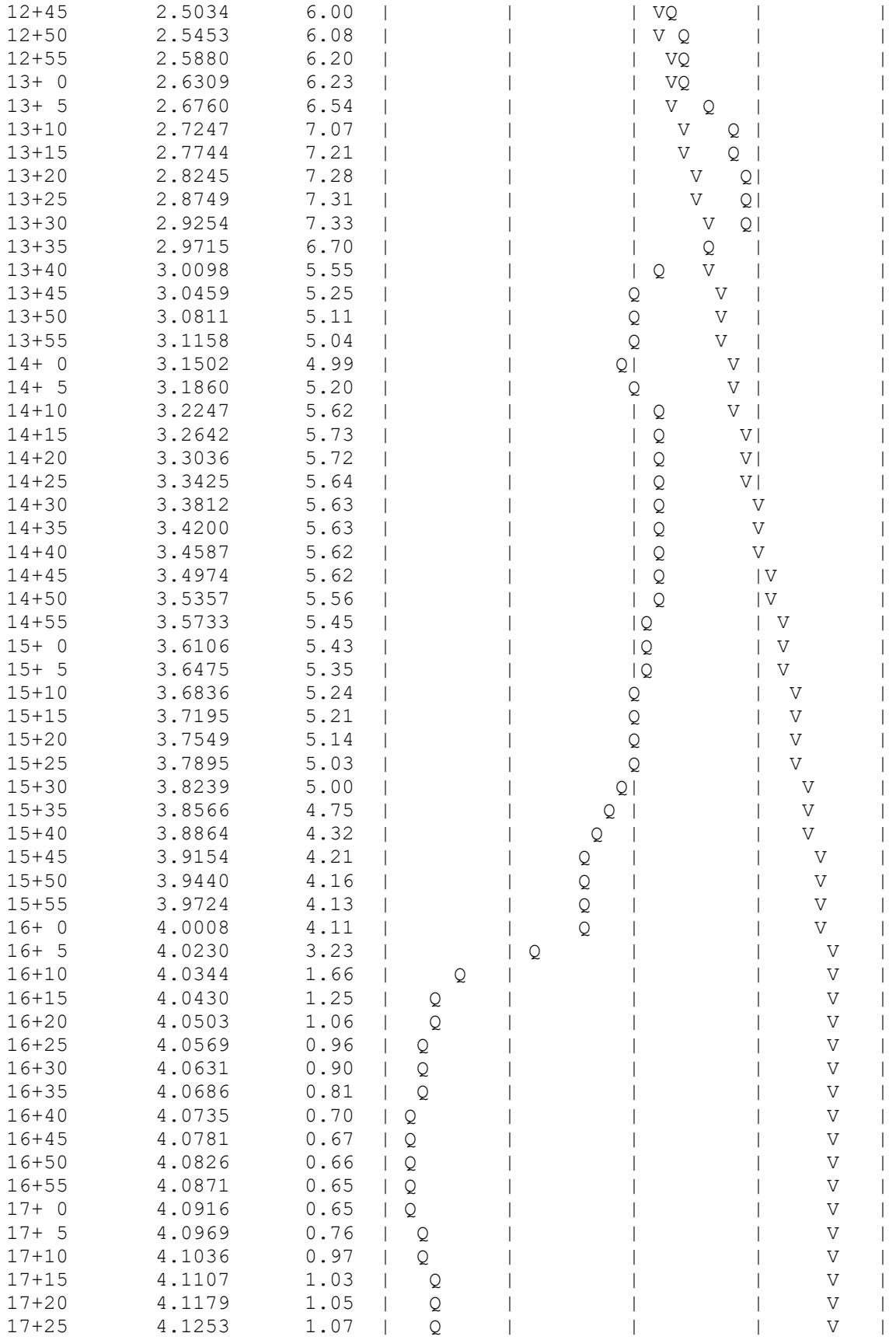
24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0008	0.12	Q				
0+10	0.0030	0.33	VQ				
0+15	0.0057	0.38	VQ				
0+20	0.0089	0.46	VQ				
0+25	0.0129	0.58	V Q				
0+30	0.0171	0.62	V Q				
0+35	0.0215	0.64	V Q				
0+40	0.0259	0.64	V Q				
0+45	0.0304	0.65	V Q				
0+50	0.0352	0.71	V Q				
0+55	0.0408	0.81	V Q				
1+ 0	0.0466	0.84	V Q				
1+ 5	0.0521	0.79	V Q				
1+10	0.0569	0.69	V Q				
1+15	0.0615	0.67	V Q				
1+20	0.0660	0.66	V Q				
1+25	0.0705	0.65	V Q				
1+30	0.0750	0.65	V Q				
1+35	0.0795	0.65	V Q				
1+40	0.0839	0.65	V Q				
1+45	0.0884	0.65	V Q				
1+50	0.0933	0.71	V Q				
1+55	0.0988	0.81	V Q				
2+ 0	0.1046	0.84	V Q				
2+ 5	0.1105	0.85	V Q				
2+10	0.1164	0.86	|V Q				
2+15	0.1223	0.86	|V Q				
2+20	0.1283	0.86	|V Q				
2+25	0.1342	0.86	|V Q				
2+30	0.1402	0.86	|V Q				
2+35	0.1465	0.92	|V Q				
2+40	0.1536	1.03	|V Q				
2+45	0.1609	1.05	|V Q				
2+50	0.1682	1.07	|V Q				
2+55	0.1756	1.07	|V Q				
3+ 0	0.1830	1.08	|V Q				
3+ 5	0.1905	1.08	|V Q				
3+10	0.1979	1.08	|V Q				

3+15	0.2053	1.08	V Q			
3+20	0.2128	1.08	V Q			
3+25	0.2202	1.08	V Q			
3+30	0.2277	1.08	V Q			
3+35	0.2351	1.08	V Q			
3+40	0.2425	1.08	V Q			
3+45	0.2500	1.08	V Q			
3+50	0.2578	1.14	V Q			
3+55	0.2664	1.24	V Q			
4+ 0	0.2751	1.27	V Q			
4+ 5	0.2840	1.28	V Q			
4+10	0.2928	1.29	V Q			
4+15	0.3018	1.29	V Q			
4+20	0.3111	1.35	V Q			
4+25	0.3211	1.46	V Q			
4+30	0.3314	1.49	V Q			
4+35	0.3417	1.50	V Q			
4+40	0.3521	1.51	V Q			
4+45	0.3625	1.51	V Q			
4+50	0.3733	1.57	V Q			
4+55	0.3848	1.68	V Q			
5+ 0	0.3965	1.70	V Q			
5+ 5	0.4076	1.60	V Q			
5+10	0.4172	1.40	V Q			
5+15	0.4264	1.34	V Q			
5+20	0.4359	1.38	V Q			
5+25	0.4461	1.47	V Q			
5+30	0.4563	1.49	VQ			
5+35	0.4671	1.56	V Q			
5+40	0.4786	1.67	V Q			
5+45	0.4903	1.70	V Q			
5+50	0.5021	1.72	V Q			
5+55	0.5139	1.72	V Q			
6+ 0	0.5258	1.73	V Q			
6+ 5	0.5381	1.79	V Q			
6+10	0.5511	1.89	V Q			
6+15	0.5644	1.92	V Q			
6+20	0.5777	1.93	V Q			
6+25	0.5910	1.94	V Q			
6+30	0.6044	1.94	V Q			
6+35	0.6182	2.00	V Q			
6+40	0.6327	2.11	V Q			
6+45	0.6474	2.13	V Q			
6+50	0.6622	2.15	V Q			
6+55	0.6770	2.15	V Q			
7+ 0	0.6919	2.16	V Q			
7+ 5	0.7067	2.16	V Q			
7+10	0.7216	2.16	V Q			
7+15	0.7365	2.16	V Q			
7+20	0.7518	2.22	V Q			
7+25	0.7678	2.32	V Q			
7+30	0.7840	2.35	V Q			
7+35	0.8006	2.42	V Q			
7+40	0.8181	2.53	V Q			
7+45	0.8357	2.56	V Q			
7+50	0.8539	2.64	V Q			
7+55	0.8728	2.75	V Q			

8+ 0	0.8920	2.78	|	V |Q	|	|	|
8+ 5	0.9120	2.91	|	V |Q	|	|	|
8+10	0.9336	3.13	|	V | Q	|	|	|
8+15	0.9555	3.19	|	V | Q	|	|	|
8+20	0.9777	3.21	|	V | Q	|	|	|
8+25	0.9999	3.23	|	V | Q	|	|	|
8+30	1.0222	3.24	|	V| Q	|	|	|
8+35	1.0449	3.30	|	V| Q	|	|	|
8+40	1.0683	3.40	|	V| Q	|	|	|
8+45	1.0920	3.43	|	V| Q	|	|	|
8+50	1.1161	3.50	|	V Q	|	|	|
8+55	1.1410	3.61	|	V Q	|	|	|
9+ 0	1.1660	3.64	|	V Q	|	|	|
9+ 5	1.1921	3.78	|	V Q	|	|	|
9+10	1.2195	3.99	|	V Q	|	|	|
9+15	1.2474	4.05	|	|V Q	|	|	|
9+20	1.2759	4.14	|	|V Q	|	|	|
9+25	1.3052	4.25	|	|V Q	|	|	|
9+30	1.3348	4.29	|	|V Q	|	|	|
9+35	1.3648	4.37	|	| V Q	|	|	|
9+40	1.3957	4.48	|	| V Q	|	|	|
9+45	1.4267	4.51	|	| V Q	|	|	|
9+50	1.4583	4.58	|	| V Q	|	|	|
9+55	1.4906	4.69	|	| V Q	|	|	|
10+ 0	1.5231	4.72	|	| V Q	|	|	|
10+ 5	1.5530	4.33	|	| V Q	|	|	|
10+10	1.5778	3.61	|	| Q	|	|	|
10+15	1.6013	3.42	|	| QV	|	|	|
10+20	1.6243	3.33	|	| QV	|	|	|
10+25	1.6469	3.28	|	| QV	|	|	|
10+30	1.6693	3.26	|	| QV	|	|	|
10+35	1.6936	3.53	|	| QV	|	|	|
10+40	1.7215	4.05	|	| VQ	|	|	|
10+45	1.7504	4.19	|	| VQ	|	|	|
10+50	1.7797	4.26	|	| V Q	|	|	|
10+55	1.8093	4.29	|	| VQ	|	|	|
11+ 0	1.8389	4.31	|	| VQ	|	|	|
11+ 5	1.8683	4.26	|	| VQ	|	|	|
11+10	1.8969	4.16	|	| QV	|	|	|
11+15	1.9254	4.13	|	| QV	|	|	|
11+20	1.9537	4.12	|	| QV	|	|	|
11+25	1.9820	4.11	|	| QV	|	|	|
11+30	2.0103	4.11	|	| Q V	|	|	|
11+35	2.0378	3.99	|	| Q V	|	|	|
11+40	2.0638	3.78	|	| Q V	|	|	|
11+45	2.0894	3.72	|	| Q V	|	|	|
11+50	2.1153	3.76	|	| Q V	|	|	|
11+55	2.1418	3.85	|	| Q V|	|	|	|
12+ 0	2.1684	3.87	|	| Q V|	|	|	|
12+ 5	2.1979	4.28	|	| Q V|	|	|	|
12+10	2.2325	5.02	|	| Q	|	|	|
12+15	2.2685	5.22	|	| Q	|	|	|
12+20	2.3054	5.37	|	| VQ	|	|	|
12+25	2.3435	5.52	|	| |VQ	|	|	|
12+30	2.3818	5.57	|	| |VQ	|	|	|
12+35	2.4212	5.72	|	| |VQ	|	|	|
12+40	2.4621	5.94	|	| | VQ	|	|	|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12+50 2.5453 6.08
12+55 2.5880 6.20
13+ 0 2.6309 6.23
13+ 5 2.6760 6.54
13+10 2.7247 7.07
13+15 2.7744 7.21
13+20 2.8245 7.28
13+25 2.8749 7.31
13+30 2.9254 7.33
13+35 2.9715 6.70
13+40 3.0098 5.55
13+45 3.0459 5.25
13+50 3.0811 5.11
13+55 3.1158 5.04
14+ 0 3.1502 4.99
14+ 5 3.1860 5.20
14+10 3.2247 5.62
14+15 3.2642 5.73
14+20 3.3036 5.72
14+25 3.3425 5.64
14+30 3.3812 5.63
14+35 3.4200 5.63
14+40 3.4587 5.62
14+45 3.4974 5.62
14+50 3.5357 5.56
14+55 3.5733 5.45
15+ 0 3.6106 5.43
15+ 5 3.6475 5.35
15+10 3.6836 5.24
15+15 3.7195 5.21
15+20 3.7549 5.14
15+25 3.7895 5.03
15+30 3.8239 5.00
15+35 3.8566 4.75
15+40 3.8864 4.32
15+45 3.9154 4.21
15+50 3.9440 4.16
15+55 3.9724 4.13
16+ 0 4.0008 4.11
16+ 5 4.0230 3.23
16+10 4.0344 1.66
16+15 4.0430 1.25
16+20 4.0503 1.06
16+25 4.0569 0.96
16+30 4.0631 0.90
16+35 4.0686 0.81
16+40 4.0735 0.70
16+45 4.0781 0.67
16+50 4.0826 0.66
16+55 4.0871 0.65
17+ 0 4.0916 0.65
17+ 5 4.0969 0.76
17+10 4.1036 0.97
17+15 4.1107 1.03
17+20 4.1179 1.05
17+25 4.1253 1.07

17+30	4.1327	1.08	| Q	|	|	| V	|
17+35	4.1401	1.08	| Q	|	|	| V	|
17+40	4.1476	1.08	| Q	|	|	| V	|
17+45	4.1550	1.08	| Q	|	|	| V	|
17+50	4.1621	1.02	| Q	|	|	| V	|
17+55	4.1684	0.92	| Q	|	|	| V	|
18+ 0	4.1745	0.89	| Q	|	|	| V	|
18+ 5	4.1805	0.88	| Q	|	|	| V	|
18+10	4.1865	0.87	| Q	|	|	| V	|
18+15	4.1925	0.87	| Q	|	|	| V	|
18+20	4.1985	0.86	| Q	|	|	| V	|
18+25	4.2044	0.86	| Q	|	|	| V	|
18+30	4.2104	0.86	| Q	|	|	| V	|
18+35	4.2159	0.81	| Q	|	|	| V	|
18+40	4.2207	0.70	| Q	|	|	| V	|
18+45	4.2254	0.67	| Q	|	|	| V	|
18+50	4.2295	0.60	| Q	|	|	| V	|
18+55	4.2329	0.49	|Q	|	|	| V	|
19+ 0	4.2361	0.46	|Q	|	|	| V	|
19+ 5	4.2395	0.50	| Q	|	|	| V	|
19+10	4.2437	0.60	| Q	|	|	| V	|
19+15	4.2480	0.62	| Q	|	|	| V	|
19+20	4.2528	0.69	| Q	|	|	| V	|
19+25	4.2583	0.80	| Q	|	|	| V	|
19+30	4.2641	0.84	| Q	|	|	| V	|
19+35	4.2695	0.79	| Q	|	|	| V	|
19+40	4.2743	0.69	| Q	|	|	| V	|
19+45	4.2789	0.67	| Q	|	|	| V	|
19+50	4.2831	0.60	| Q	|	|	| V	|
19+55	4.2865	0.49	|Q	|	|	| V	|
20+ 0	4.2896	0.46	|Q	|	|	| V	|
20+ 5	4.2931	0.50	| Q	|	|	| V	|
20+10	4.2972	0.60	| Q	|	|	| V	|
20+15	4.3015	0.62	| Q	|	|	| V	|
20+20	4.3059	0.64	| Q	|	|	| V	|
20+25	4.3103	0.64	| Q	|	|	| V	|
20+30	4.3148	0.65	| Q	|	|	| V	|
20+35	4.3192	0.65	| Q	|	|	| V	|
20+40	4.3237	0.65	| Q	|	|	| V	|
20+45	4.3282	0.65	| Q	|	|	| V	|
20+50	4.3322	0.59	| Q	|	|	| V	|
20+55	4.3356	0.49	|Q	|	|	| V	|
21+ 0	4.3387	0.46	|Q	|	|	| V	|
21+ 5	4.3422	0.50	| Q	|	|	| V	|
21+10	4.3463	0.60	| Q	|	|	| V	|
21+15	4.3506	0.62	| Q	|	|	| V	|
21+20	4.3546	0.58	| Q	|	|	| V	
21+25	4.3579	0.48	|Q	|	|	| V	
21+30	4.3610	0.46	|Q	|	|	| V	
21+35	4.3645	0.50	| Q	|	|	| V	
21+40	4.3686	0.60	| Q	|	|	| V	
21+45	4.3729	0.62	| Q	|	|	| V	
21+50	4.3769	0.58	| Q	|	|	| V	
21+55	4.3802	0.48	|Q	|	|	| V	
22+ 0	4.3833	0.46	|Q	|	|	| V	
22+ 5	4.3868	0.50	| Q	|	|	| V	
22+10	4.3909	0.60	| Q	|	|	| V	

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   22+15       4.3953      0.62  | Q       |         |         |         V|
   22+20       4.3992      0.58  | Q       |         |         |         V|
   22+25       4.4025      0.48  |Q        |         |         |         V|
   22+30       4.4057      0.46  |Q        |         |         |         V|
   22+35       4.4087      0.44  |Q        |         |         |         V|
   22+40       4.4117      0.44  |Q        |         |         |         V|
   22+45       4.4147      0.43  |Q        |         |         |         V|
   22+50       4.4177      0.43  |Q        |         |         |         V|
   22+55       4.4207      0.43  |Q        |         |         |         V|
   23+ 0       4.4237      0.43  |Q        |         |         |         V|
   23+ 5       4.4266      0.43  |Q        |         |         |         V|
   23+10       4.4296      0.43  |Q        |         |         |         V|
   23+15       4.4326      0.43  |Q        |         |         |         V|
   23+20       4.4356      0.43  |Q        |         |         |         V|
   23+25       4.4385      0.43  |Q        |         |         |         V|
   23+30       4.4415      0.43  |Q        |         |         |         V|
   23+35       4.4445      0.43  |Q        |         |         |         V|
   23+40       4.4475      0.43  |Q        |         |         |         V|
   23+45       4.4504      0.43  |Q        |         |         |         V|
   23+50       4.4534      0.43  |Q        |         |         |         V|
   23+55       4.4564      0.43  |Q        |         |         |         V|
   24+ 0       4.4594      0.43  |Q        |         |         |         V|
   24+ 5       4.4615      0.32  |Q        |         |         |         V|
   24+10       4.4623      0.11  Q         |         |         |         V|
   24+15       4.4626      0.05  Q         |         |         |         V|
   24+20       4.4628      0.03  Q         |         |         |         V|
   24+25       4.4629      0.01  Q         |         |         |         V|
   24+30       4.4629      0.00  Q         |         |         |          V
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SUMMARY TABLE BASIN "A"

UNIT HYDROGRAPH ANALYSIS FOR COTTONWOOD EXISTING VS DEVELOPED CONDITION

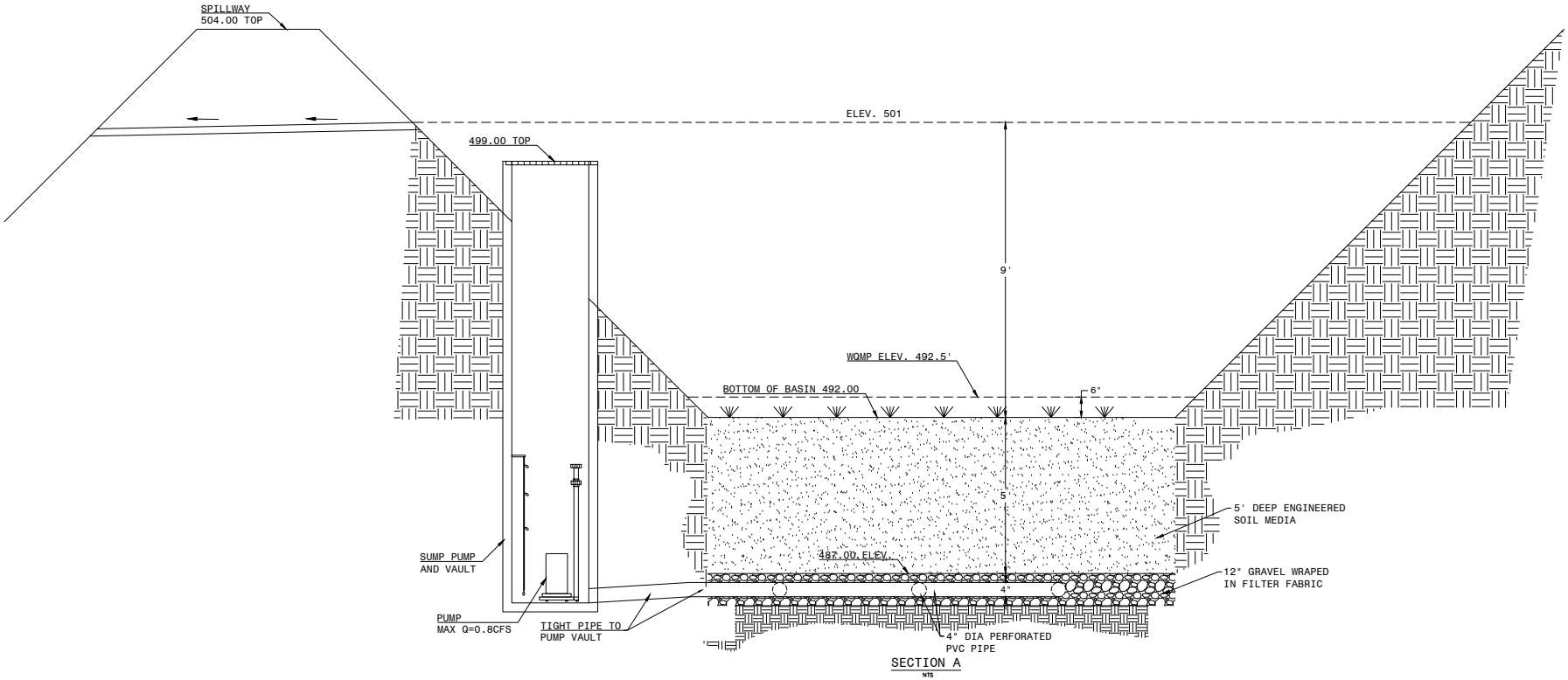
frequency	24 Hour			
	Existing Flow Q (40.1 AC)	Volume AC-Ft	Developed Flow (Q) 36.8 AC	Volume AC-Ft
2-yr	0.97	0.60	4.53	2.8
5-yr	1.31	0.81	6.1	3.7
10-yr	1.57	0.97	7.3	4.5

APPENDIX "C"

DETENTION BASIN

Basin "A" Routing (2-yr, 5-yr & 10-yr)

BIO-RETENTION BASIN WITH PUMP SECTION



SECTION A
NTS

Storage Capacity

Cottonwood Detention Basin "A"

12/26/2018

Elevation	Basin Depth	Contour Interval	Area (Sq. Ft.)	Mean Area (Sq. Ft.)	Mean Vol (Acres)	Total Volume (Ac. Ft.)
487	0		20974			0
		1		20,974	0.193	
488	1		20,974			0.193
		1		20,974	0.193	
489	2		20,974			0.385
		1		20,974	0.193	
490	3		20,974			0.578
		1		20,974	0.193	
491	4		20,974			0.770
		1		20,974	0.193	
492	5		20,974			0.963
		1		20,974	0.193	
493	6		22,549			1.156
		1		23,350	0.536	
494	7		24,150			1.692
		1		24,963	0.573	
495	8		25,776			2.265
		1		26,602	0.611	
496	9		27,427			2.875
		1		28,265	0.649	
497	5		29,103			3.524
		1		29,954	0.688	
498	6		30,804			4.212
		1		31,668	0.727	
499	7		32,531			4.939
		1		33,407	0.767	
500	8		34,282			5.706
		1		36,072	0.828	
501	9		37,861			6.534
				18,931	0.000	

DEPTH vs OUTFLOW CALCULATIONS

Cottonwood Basin "A" Depth vs Outflow Calculation

	Holes	Holes	Holes	Holes	Holes	Holes	Holes	Holes	Slots	Slots	Weir	
No. of Holes & Slots →	0	0	0	0	0	0	0	0	0	0	1	← No. of Weir
	Hole C	Hole C	Hole C	Hole C	Hole C	Hole C	Hole C	Hole C	Slot C	Slot C	Weir C	
Discharge Coefficient →	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		3.33	← Weir Coefficient
	Hole FL	Hole FL	Hole FL	Hole FL	Hole FL	Hole FL	Hole FL	Hole FL	Slot FL	Slot FL	Dist to Weir	
Distance of Holes to Basin Bottom (in) →	66	9.6	22	29	33	38	0	0	0	0	144	← Distance of Top of Weir
	Hole R	Hole R	Hole R	Hole R	Hole R	Hole R	Hole R	Hole R	Area	Area	/eir Length (	to Basin Bottom (in)
Hole Radius (in) Slots Area (sq ft) →	0	0	0	1	1	1	0	0	0	0	24	← Riser Perimeter (ft) = 2(6)+2(6)
	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Cen Elev	Weir Elev	
Hole Centerline Elev (ft) →	492.50	487.80	488.83	489.50	489.83	490.25	487.00	487.00			499.00	← Top of Riser Elevation (ft)

Elevation	Depth asin	Volum	Outflow										
487.00	0	0	0.000										
488.00	1.00	0.193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
489.00	2.00	0.385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
490.00	3.00	0.578	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
491.00	4.00	0.770	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
492.00	5.00	0.963	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
493.00	6.00	1.156	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
494.00	7.00	1.692	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
495.00	8.00	2.265	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
496.00	9.00	2.875	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
497.00	10.00	3.524	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
498.00	11.00	4.212	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
499.00	12.00	4.939	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
500.00	13.00	5.706	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
501.00	14.00	6.534	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8000
				0	0	0	0	0	0	0	0	0	0

[S Flows (Holes + Weir)] (Outflow through Holes) (Outflow through Slots)

Note:

1. Orifice outflow is based on:
   $Q=CA(2gH)^{0.5}$
   where:
   C = Coefficient, 0.66 used here
   A = Orifice Area
   H = Headwater, Elevation of Water to Cen. of Orifice

2. Slot outflow is based on:
   $Q=CA(2gH)^{0.5}$
   where:
   C = Coefficient, 0.66 used here
   A = Slot Area (sq.ft.)
   H = Headwater, Elevation of Water to Cen. of Slot

3. Weir flow is based on:
   $Q=CLH^{1.5}$
   where:
   C = Coefficient, 3.33 used here
   L = Weir Length, Riser Pipe Perimeter was used here
   H = Headwater, Elevation of Water to Top of Weir

FLOOD HYDROGRAPH ROUTING PROGRAM

Study date: 11/12/20

The Cottonwood Flood Routing
2-Year-24 Hour Event

Program License Serial Number 6194

********** HYDROGRAPH INFORMATION **********

From study/file name: cottonwoodprop242.rte
**********HYDROGRAPH DATA**********
Number of intervals = 294
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 4.534 (CFS)
Total volume = 2.760 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

++
Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 294
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.01(Ft.)

Initial basin depth = 0.01 (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
0.000	0.001	0.001	0.001	0.001

1.000	0.193	0.001	0.193	0.193
2.000	0.385	0.001	0.385	0.385
3.000	0.578	0.010	0.578	0.578
4.000	0.770	0.010	0.770	0.770
5.000	0.963	0.010	0.963	0.963
6.000	1.156	0.800	1.153	1.159
7.000	1.692	0.800	1.689	1.695
8.000	2.265	0.800	2.262	2.268
9.000	2.875	0.800	2.872	2.878
10.000	3.524	0.800	3.521	3.527
11.000	4.212	0.800	4.209	4.215
12.000	4.939	0.800	4.936	4.942
13.000	5.706	0.800	5.703	5.709
14.000	6.534	0.800	6.531	6.537

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 1.1 2.27 3.40 4.53	Depth (Ft.)
0.083	0.07	0.00	0.003	O | | | |	0.01
0.167	0.20	0.00	0.004	OI | | | |	0.02
0.250	0.24	0.00	0.006	OI | | | |	0.02
0.333	0.29	0.00	0.007	O I | | | |	0.03
0.417	0.36	0.00	0.010	O I | | | |	0.04
0.500	0.38	0.00	0.012	O I | | | |	0.06
0.583	0.39	0.00	0.015	O I | | | |	0.07
0.667	0.40	0.00	0.018	O I | | | |	0.09
0.750	0.40	0.00	0.020	O I | | | |	0.10
0.833	0.44	0.00	0.023	O I | | | |	0.12
0.917	0.50	0.00	0.026	O I | | | |	0.13
1.000	0.52	0.00	0.030	O I | | | |	0.15
1.083	0.49	0.00	0.033	O I | | | |	0.17
1.167	0.43	0.00	0.036	O I | | | |	0.18
1.250	0.42	0.00	0.039	O I | | | |	0.20
1.333	0.41	0.00	0.042	O I | | | |	0.21
1.417	0.40	0.00	0.045	O I | | | |	0.23
1.500	0.40	0.00	0.048	O I | | | |	0.24
1.583	0.40	0.00	0.051	O I | | | |	0.26
1.667	0.40	0.00	0.053	O I | | | |	0.27
1.750	0.40	0.00	0.056	O I | | | |	0.29
1.833	0.44	0.00	0.059	O I | | | |	0.30
1.917	0.50	0.00	0.062	O I | | | |	0.32
2.000	0.52	0.00	0.066	O I | | | |	0.34
2.083	0.53	0.00	0.069	O I | | | |	0.36
2.167	0.53	0.00	0.073	O I | | | |	0.37
2.250	0.53	0.00	0.077	O I | | | |	0.39
2.333	0.53	0.00	0.080	O I | | | |	0.41
2.417	0.53	0.00	0.084	O I | | | |	0.43
2.500	0.53	0.00	0.088	O I | | | |	0.45
2.583	0.57	0.00	0.091	O I | | | |	0.47
2.667	0.64	0.00	0.095	O I | | | |	0.49
2.750	0.65	0.00	0.100	O I | | | |	0.52
2.833	0.66	0.00	0.104	O I | | | |	0.54
2.917	0.66	0.00	0.109	O I | | | |	0.56

3.000	0.67	0.00	0.114	O	I	|	|	|	|	0.59
3.083	0.67	0.00	0.118	O	I	|	|	|	|	0.61
3.167	0.67	0.00	0.123	O	I	|	|	|	|	0.63
3.250	0.67	0.00	0.127	O	I	|	|	|	|	0.66
3.333	0.67	0.00	0.132	O	I	|	|	|	|	0.68
3.417	0.67	0.00	0.137	O	I	|	|	|	|	0.71
3.500	0.67	0.00	0.141	O	I	|	|	|	|	0.73
3.583	0.67	0.00	0.146	O	I	|	|	|	|	0.75
3.667	0.67	0.00	0.150	O	I	|	|	|	|	0.78
3.750	0.67	0.00	0.155	O	I	|	|	|	|	0.80
3.833	0.70	0.00	0.160	O	I	|	|	|	|	0.83
3.917	0.77	0.00	0.165	O	I	|	|	|	|	0.85
4.000	0.79	0.00	0.170	O	I	|	|	|	|	0.88
4.083	0.79	0.00	0.175	O	I	|	|	|	|	0.91
4.167	0.80	0.00	0.181	O	I	|	|	|	|	0.94
4.250	0.80	0.00	0.186	O	I	|	|	|	|	0.97
4.333	0.84	0.00	0.192	O	I	|	|	|	|	1.00
4.417	0.90	0.00	0.198	O	I	|	|	|	|	1.03
4.500	0.92	0.00	0.204	O	I	|	|	|	|	1.06
4.583	0.93	0.00	0.211	O	I	|	|	|	|	1.09
4.667	0.93	0.00	0.217	O	I	|	|	|	|	1.13
4.750	0.93	0.00	0.223	O	I	|	|	|	|	1.16
4.833	0.97	0.00	0.230	O	I	|	|	|	|	1.19
4.917	1.04	0.00	0.237	O	I	|	|	|	|	1.23
5.000	1.05	0.00	0.244	O	I	|	|	|	|	1.27
5.083	0.99	0.00	0.251	O	I	|	|	|	|	1.30
5.167	0.86	0.00	0.257	O	I	|	|	|	|	1.34
5.250	0.83	0.00	0.263	O	I	|	|	|	|	1.37
5.333	0.85	0.00	0.269	O	I	|	|	|	|	1.40
5.417	0.91	0.00	0.275	O	I	|	|	|	|	1.43
5.500	0.92	0.00	0.281	O	I	|	|	|	|	1.46
5.583	0.96	0.00	0.288	O	I	|	|	|	|	1.49
5.667	1.03	0.00	0.295	O	I	|	|	|	|	1.53
5.750	1.05	0.00	0.302	O	I	|	|	|	|	1.57
5.833	1.06	0.00	0.309	O	I	|	|	|	|	1.61
5.917	1.06	0.00	0.317	O	I	|	|	|	|	1.64
6.000	1.07	0.00	0.324	O	I	|	|	|	|	1.68
6.083	1.10	0.00	0.331	O	I	|	|	|	|	1.72
6.167	1.17	0.00	0.339	O	I	|	|	|	|	1.76
6.250	1.19	0.00	0.347	O	I	|	|	|	|	1.80
6.333	1.19	0.00	0.355	O	I	|	|	|	|	1.85
6.417	1.20	0.00	0.364	O	I	|	|	|	|	1.89
6.500	1.20	0.00	0.372	O	I	|	|	|	|	1.93
6.583	1.24	0.00	0.380	O	I	|	|	|	|	1.98
6.667	1.30	0.00	0.389	O	|	I	|	|	|	2.02
6.750	1.32	0.00	0.398	O	|	I	|	|	|	2.07
6.833	1.33	0.00	0.407	O	|	I	|	|	|	2.12
6.917	1.33	0.00	0.416	O	|	I	|	|	|	2.16
7.000	1.33	0.00	0.426	O	|	I	|	|	|	2.21
7.083	1.34	0.00	0.435	O	|	I	|	|	|	2.26
7.167	1.34	0.00	0.444	O	|	I	|	|	|	2.31
7.250	1.34	0.00	0.453	O	|	I	|	|	|	2.35
7.333	1.37	0.00	0.462	O	|	I	|	|	|	2.40
7.417	1.44	0.01	0.472	O	|	I	|	|	|	2.45
7.500	1.45	0.01	0.482	O	|	I	|	|	|	2.50
7.583	1.50	0.01	0.492	O	|	I	|	|	|	2.55
7.667	1.57	0.01	0.503	O	|	I	|	|	|	2.61

7.750	1.59	0.01	0.513	O	I			2.67
7.833	1.63	0.01	0.524	O	I			2.72
7.917	1.70	0.01	0.536	O	I			2.78
8.000	1.72	0.01	0.548	O	I			2.84
8.083	1.80	0.01	0.560	O	I			2.90
8.167	1.93	0.01	0.572	O	I			2.97
8.250	1.97	0.01	0.586	O	I			3.04
8.333	1.99	0.01	0.599	O	I			3.11
8.417	2.00	0.01	0.613	O	I			3.18
8.500	2.00	0.01	0.627	O	I			3.25
8.583	2.04	0.01	0.640	O	I			3.33
8.667	2.10	0.01	0.655	O	I			3.40
8.750	2.12	0.01	0.669	O	I			3.47
8.833	2.17	0.01	0.684	O	I			3.55
8.917	2.23	0.01	0.699	O	I			3.63
9.000	2.25	0.01	0.714	O	I			3.71
9.083	2.33	0.01	0.730	O	I			3.79
9.167	2.47	0.01	0.747	O	I			3.88
9.250	2.51	0.01	0.764	O	I			3.97
9.333	2.56	0.01	0.781	O	I			4.06
9.417	2.63	0.01	0.799	O	I			4.15
9.500	2.65	0.01	0.817	O	I			4.24
9.583	2.70	0.01	0.835	O	I			4.34
9.667	2.77	0.01	0.854	O	I			4.44
9.750	2.79	0.01	0.873	O	I			4.53
9.833	2.83	0.01	0.892	O	I			4.63
9.917	2.90	0.01	0.912	O	I			4.74
10.000	2.92	0.01	0.932	O	I			4.84
10.083	2.68	0.01	0.951	O	I			4.94
10.167	2.23	0.03	0.968	O	I			5.03
10.250	2.11	0.09	0.983	O	I			5.10
10.333	2.06	0.15	0.996	O	I			5.17
10.417	2.03	0.20	1.009	O	I			5.24
10.500	2.01	0.25	1.021	O	I			5.30
10.583	2.18	0.30	1.034	O	I			5.37
10.667	2.51	0.36	1.048	O	I			5.44
10.750	2.59	0.42	1.063	O	I			5.52
10.833	2.63	0.48	1.078	O	I			5.59
10.917	2.65	0.54	1.092	O	I			5.67
11.000	2.66	0.60	1.107	O	I			5.74
11.083	2.64	0.66	1.121	O	I			5.82
11.167	2.57	0.71	1.134	O	I			5.89
11.250	2.55	0.76	1.146	O	I			5.95
11.333	2.55	0.80	1.159	O	I			6.00
11.417	2.54	0.80	1.171	O	I			6.03
11.500	2.54	0.80	1.183	O	I			6.05
11.583	2.47	0.80	1.194	O	I			6.07
11.667	2.34	0.80	1.205	O	I			6.09
11.750	2.30	0.80	1.216	O	I			6.11
11.833	2.32	0.80	1.226	O	I			6.13
11.917	2.38	0.80	1.237	O	I			6.15
12.000	2.39	0.80	1.248	O	I			6.17
12.083	2.65	0.80	1.260	O	I			6.19
12.167	3.11	0.80	1.274	O	I			6.22
12.250	3.23	0.80	1.290	O	I			6.25
12.333	3.32	0.80	1.307	O	I			6.28
12.417	3.41	0.80	1.325	O	I			6.32

12.500	3.45	0.80	1.343	| O |	| I |	6.35
12.583	3.54	0.80	1.362	| O |	| I |	6.38
12.667	3.67	0.80	1.381	| O |	|I |	6.42
12.750	3.71	0.80	1.401	| O |	| I |	6.46
12.833	3.76	0.80	1.421	| O |	| I |	6.49
12.917	3.83	0.80	1.442	| O |	| I |	6.53
13.000	3.86	0.80	1.463	| O |	| I |	6.57
13.083	4.05	0.80	1.484	| O |	| I |	6.61
13.167	4.37	0.80	1.508	| O |	| I |	6.66
13.250	4.46	0.80	1.533	| O |	| I|	6.70
13.333	4.50	0.80	1.558	| O |	| I|	6.75
13.417	4.52	0.80	1.584	| O |	| I|	6.80
13.500	4.53	0.80	1.609	| O |	| I	6.85
13.583	4.15	0.80	1.634	| O |	| I |	6.89
13.667	3.43	0.80	1.654	| O |	| I |	6.93
13.750	3.25	0.80	1.672	| O |	| I |	6.96
13.833	3.16	0.80	1.688	| O |	| I |	6.99
13.917	3.11	0.80	1.704	| O |	| I |	7.02
14.000	3.09	0.80	1.720	| O |	| I |	7.05
14.083	3.22	0.80	1.737	| O |	| I |	7.08
14.167	3.48	0.80	1.754	| O |	| I |	7.11
14.250	3.54	0.80	1.773	| O |	|I |	7.14
14.333	3.54	0.80	1.792	| O |	| I |	7.17
14.417	3.49	0.80	1.810	| O |	| I |	7.21
14.500	3.48	0.80	1.829	| O |	| I |	7.24
14.583	3.48	0.80	1.847	| O |	| I |	7.27
14.667	3.48	0.80	1.866	| O |	| I |	7.30
14.750	3.47	0.80	1.884	| O |	| I |	7.34
14.833	3.44	0.80	1.902	| O |	| I |	7.37
14.917	3.37	0.80	1.920	| O |	| I|	7.40
15.000	3.36	0.80	1.938	| O |	| I|	7.43
15.083	3.31	0.80	1.955	| O |	| I|	7.46
15.167	3.24	0.80	1.973	| O |	| I |	7.49
15.250	3.22	0.80	1.989	| O |	| I |	7.52
15.333	3.18	0.80	2.006	| O |	| I |	7.55
15.417	3.11	0.80	2.022	| O |	| I |	7.58
15.500	3.09	0.80	2.038	| O |	| I |	7.60
15.583	2.94	0.80	2.053	| O |	| I |	7.63
15.667	2.67	0.80	2.067	| O |	| I |	7.65
15.750	2.60	0.80	2.079	| O |	| I |	7.68
15.833	2.57	0.80	2.092	| O |	| I |	7.70
15.917	2.55	0.80	2.104	| O |	| I |	7.72
16.000	2.54	0.80	2.116	| O |	|I |	7.74
16.083	2.00	0.80	2.126	| O | I |	| |	7.76
16.167	1.03	0.80	2.131	| O I|	| |	7.77
16.250	0.77	0.80	2.132	| O |	| |	7.77
16.333	0.65	0.80	2.131	| IO |	| |	7.77
16.417	0.59	0.80	2.130	| IO |	| |	7.76
16.500	0.56	0.80	2.128	| I O |	| |	7.76
16.583	0.50	0.80	2.126	| I O |	| |	7.76
16.667	0.43	0.80	2.124	| I O |	| |	7.75
16.750	0.42	0.80	2.122	| I O |	| |	7.75
16.833	0.41	0.80	2.119	| I O |	| |	7.74
16.917	0.40	0.80	2.116	| I O |	| |	7.74
17.000	0.40	0.80	2.113	| I O |	| |	7.74
17.083	0.47	0.80	2.111	| I O |	| |	7.73
17.167	0.60	0.80	2.109	| IO |	| |	7.73

17.250	0.64	0.80	2.108	IO				7.73
17.333	0.65	0.80	2.107	IO				7.72
17.417	0.66	0.80	2.106	IO				7.72
17.500	0.67	0.80	2.105	IO				7.72
17.583	0.67	0.80	2.104	IO				7.72
17.667	0.67	0.80	2.103	IO				7.72
17.750	0.67	0.80	2.102	IO				7.72
17.833	0.63	0.80	2.101	IO				7.71
17.917	0.57	0.80	2.100	IO				7.71
18.000	0.55	0.80	2.098	I O				7.71
18.083	0.54	0.80	2.096	I O				7.71
18.167	0.54	0.80	2.095	I O				7.70
18.250	0.54	0.80	2.093	I O				7.70
18.333	0.53	0.80	2.091	I O				7.70
18.417	0.53	0.80	2.089	I O				7.69
18.500	0.53	0.80	2.087	I O				7.69
18.583	0.50	0.80	2.085	I O				7.69
18.667	0.43	0.80	2.083	I O				7.68
18.750	0.42	0.80	2.080	I O				7.68
18.833	0.37	0.80	2.078	I O				7.67
18.917	0.30	0.80	2.074	I O				7.67
19.000	0.28	0.80	2.071	I O				7.66
19.083	0.31	0.80	2.067	I O				7.66
19.167	0.37	0.80	2.064	I O				7.65
19.250	0.39	0.80	2.061	I O				7.64
19.333	0.43	0.80	2.059	I O				7.64
19.417	0.50	0.80	2.056	I O				7.64
19.500	0.52	0.80	2.054	I O				7.63
19.583	0.49	0.80	2.052	I O				7.63
19.667	0.43	0.80	2.050	I O				7.62
19.750	0.42	0.80	2.047	I O				7.62
19.833	0.37	0.80	2.045	I O				7.62
19.917	0.30	0.80	2.041	I O				7.61
20.000	0.28	0.80	2.038	I O				7.60
20.083	0.31	0.80	2.034	I O				7.60
20.167	0.37	0.80	2.031	I O				7.59
20.250	0.39	0.80	2.028	I O				7.59
20.333	0.39	0.80	2.026	I O				7.58
20.417	0.40	0.80	2.023	I O				7.58
20.500	0.40	0.80	2.020	I O				7.57
20.583	0.40	0.80	2.017	I O				7.57
20.667	0.40	0.80	2.015	I O				7.56
20.750	0.40	0.80	2.012	I O				7.56
20.833	0.36	0.80	2.009	I O				7.55
20.917	0.30	0.80	2.006	I O				7.55
21.000	0.28	0.80	2.002	I O				7.54
21.083	0.31	0.80	1.999	I O				7.54
21.167	0.37	0.80	1.996	I O				7.53
21.250	0.39	0.80	1.993	I O				7.52
21.333	0.36	0.80	1.990	I O				7.52
21.417	0.30	0.80	1.986	I O				7.51
21.500	0.28	0.80	1.983	I O				7.51
21.583	0.31	0.80	1.979	I O				7.50
21.667	0.37	0.80	1.976	I O				7.50
21.750	0.39	0.80	1.973	I O				7.49
21.833	0.36	0.80	1.970	I O				7.49
21.917	0.30	0.80	1.967	I O				7.48

22.000	0.28	0.80	1.964	|I O |				7.47
22.083	0.31	0.80	1.960	| I O |				7.47
22.167	0.37	0.80	1.957	| I O |				7.46
22.250	0.39	0.80	1.954	| I O |				7.46
22.333	0.36	0.80	1.951	| I O |				7.45
22.417	0.30	0.80	1.948	| I O |				7.45
22.500	0.28	0.80	1.944	|I O |				7.44
22.583	0.28	0.80	1.941	|I O |				7.43
22.667	0.27	0.80	1.937	|I O |				7.43
22.750	0.27	0.80	1.934	|I O |				7.42
22.833	0.27	0.80	1.930	|I O |				7.42
22.917	0.27	0.80	1.926	|I O |				7.41
23.000	0.27	0.80	1.923	|I O |				7.40
23.083	0.27	0.80	1.919	|I O |				7.40
23.167	0.27	0.80	1.915	|I O |				7.39
23.250	0.27	0.80	1.912	|I O |				7.38
23.333	0.27	0.80	1.908	|I O |				7.38
23.417	0.27	0.80	1.904	|I O |				7.37
23.500	0.27	0.80	1.900	|I O |				7.36
23.583	0.27	0.80	1.897	|I O |				7.36
23.667	0.27	0.80	1.893	|I O |				7.35
23.750	0.27	0.80	1.889	|I O |				7.34
23.833	0.27	0.80	1.886	|I O |				7.34
23.917	0.27	0.80	1.882	|I O |				7.33
24.000	0.27	0.80	1.878	|I O |				7.33
24.083	0.20	0.80	1.875	|I O |				7.32
24.167	0.07	0.80	1.870	I O |				7.31
24.250	0.03	0.80	1.865	I O |				7.30
24.333	0.02	0.80	1.859	I O |				7.29
24.417	0.01	0.80	1.854	I O |				7.28
24.500	0.00	0.80	1.849	I O |				7.27
24.583	0.00	0.80	1.843	I O |				7.26
24.667	0.00	0.80	1.838	I O |				7.25
24.750	0.00	0.80	1.832	I O |				7.24
24.833	0.00	0.80	1.826	I O |				7.23
24.917	0.00	0.80	1.821	I O |				7.23
25.000	0.00	0.80	1.815	I O |				7.22
25.083	0.00	0.80	1.810	I O |				7.21
25.167	0.00	0.80	1.804	I O |				7.20
25.250	0.00	0.80	1.799	I O |				7.19
25.333	0.00	0.80	1.793	I O |				7.18
25.417	0.00	0.80	1.788	I O |				7.17
25.500	0.00	0.80	1.782	I O |				7.16
25.583	0.00	0.80	1.777	I O |				7.15
25.667	0.00	0.80	1.771	I O |				7.14
25.750	0.00	0.80	1.766	I O |				7.13
25.833	0.00	0.80	1.760	I O |				7.12
25.917	0.00	0.80	1.755	I O |				7.11
26.000	0.00	0.80	1.749	I O |				7.10
26.083	0.00	0.80	1.744	I O |				7.09
26.167	0.00	0.80	1.738	I O |				7.08
26.250	0.00	0.80	1.733	I O |				7.07
26.333	0.00	0.80	1.727	I O |				7.06
26.417	0.00	0.80	1.722	I O |				7.05
26.500	0.00	0.80	1.716	I O |				7.04
26.583	0.00	0.80	1.711	I O |				7.03
26.667	0.00	0.80	1.705	I O |				7.02

26.750	0.00	0.80	1.700	I	O	|	|	|	|	7.01
26.833	0.00	0.80	1.694	I	O	|	|	|	|	7.00
26.917	0.00	0.80	1.689	I	O	|	|	|	|	6.99
27.000	0.00	0.80	1.683	I	O	|	|	|	|	6.98
27.083	0.00	0.80	1.678	I	O	|	|	|	|	6.97
27.167	0.00	0.80	1.672	I	O	|	|	|	|	6.96
27.250	0.00	0.80	1.667	I	O	|	|	|	|	6.95
27.333	0.00	0.80	1.661	I	O	|	|	|	|	6.94
27.417	0.00	0.80	1.656	I	O	|	|	|	|	6.93
27.500	0.00	0.80	1.650	I	O	|	|	|	|	6.92
27.583	0.00	0.80	1.645	I	O	|	|	|	|	6.91
27.667	0.00	0.80	1.639	I	O	|	|	|	|	6.90
27.750	0.00	0.80	1.634	I	O	|	|	|	|	6.89
27.833	0.00	0.80	1.628	I	O	|	|	|	|	6.88
27.917	0.00	0.80	1.623	I	O	|	|	|	|	6.87
28.000	0.00	0.80	1.617	I	O	|	|	|	|	6.86
28.083	0.00	0.80	1.612	I	O	|	|	|	|	6.85
28.167	0.00	0.80	1.606	I	O	|	|	|	|	6.84
28.250	0.00	0.80	1.601	I	O	|	|	|	|	6.83
28.333	0.00	0.80	1.595	I	O	|	|	|	|	6.82
28.417	0.00	0.80	1.590	I	O	|	|	|	|	6.81
28.500	0.00	0.80	1.584	I	O	|	|	|	|	6.80
28.583	0.00	0.80	1.579	I	O	|	|	|	|	6.79
28.667	0.00	0.80	1.573	I	O	|	|	|	|	6.78
28.750	0.00	0.80	1.568	I	O	|	|	|	|	6.77
28.833	0.00	0.80	1.562	I	O	|	|	|	|	6.76
28.917	0.00	0.80	1.557	I	O	|	|	|	|	6.75
29.000	0.00	0.80	1.551	I	O	|	|	|	|	6.74
29.083	0.00	0.80	1.546	I	O	|	|	|	|	6.73
29.167	0.00	0.80	1.540	I	O	|	|	|	|	6.72
29.250	0.00	0.80	1.534	I	O	|	|	|	|	6.71
29.333	0.00	0.80	1.529	I	O	|	|	|	|	6.70
29.417	0.00	0.80	1.523	I	O	|	|	|	|	6.69
29.500	0.00	0.80	1.518	I	O	|	|	|	|	6.68
29.583	0.00	0.80	1.512	I	O	|	|	|	|	6.67
29.667	0.00	0.80	1.507	I	O	|	|	|	|	6.65
29.750	0.00	0.80	1.501	I	O	|	|	|	|	6.64
29.833	0.00	0.80	1.496	I	O	|	|	|	|	6.63
29.917	0.00	0.80	1.490	I	O	|	|	|	|	6.62
30.000	0.00	0.80	1.485	I	O	|	|	|	|	6.61
30.083	0.00	0.80	1.479	I	O	|	|	|	|	6.60
30.167	0.00	0.80	1.474	I	O	|	|	|	|	6.59
30.250	0.00	0.80	1.468	I	O	|	|	|	|	6.58
30.333	0.00	0.80	1.463	I	O	|	|	|	|	6.57
30.417	0.00	0.80	1.457	I	O	|	|	|	|	6.56
30.500	0.00	0.80	1.452	I	O	|	|	|	|	6.55
30.583	0.00	0.80	1.446	I	O	|	|	|	|	6.54
30.667	0.00	0.80	1.441	I	O	|	|	|	|	6.53
30.750	0.00	0.80	1.435	I	O	|	|	|	|	6.52
30.833	0.00	0.80	1.430	I	O	|	|	|	|	6.51
30.917	0.00	0.80	1.424	I	O	|	|	|	|	6.50
31.000	0.00	0.80	1.419	I	O	|	|	|	|	6.49
31.083	0.00	0.80	1.413	I	O	|	|	|	|	6.48
31.167	0.00	0.80	1.408	I	O	|	|	|	|	6.47
31.250	0.00	0.80	1.402	I	O	|	|	|	|	6.46
31.333	0.00	0.80	1.397	I	O	|	|	|	|	6.45
31.417	0.00	0.80	1.391	I	O	|	|	|	|	6.44

31.500	0.00	0.80	1.386	I	O				6.43
31.583	0.00	0.80	1.380	I	O				6.42
31.667	0.00	0.80	1.375	I	O				6.41
31.750	0.00	0.80	1.369	I	O				6.40
31.833	0.00	0.80	1.364	I	O				6.39
31.917	0.00	0.80	1.358	I	O				6.38
32.000	0.00	0.80	1.353	I	O				6.37
32.083	0.00	0.80	1.347	I	O				6.36
32.167	0.00	0.80	1.342	I	O				6.35
32.250	0.00	0.80	1.336	I	O				6.34
32.333	0.00	0.80	1.331	I	O				6.33
32.417	0.00	0.80	1.325	I	O				6.32
32.500	0.00	0.80	1.320	I	O				6.31
32.583	0.00	0.80	1.314	I	O				6.29
32.667	0.00	0.80	1.309	I	O				6.28
32.750	0.00	0.80	1.303	I	O				6.27
32.833	0.00	0.80	1.298	I	O				6.26
32.917	0.00	0.80	1.292	I	O				6.25
33.000	0.00	0.80	1.287	I	O				6.24
33.083	0.00	0.80	1.281	I	O				6.23
33.167	0.00	0.80	1.276	I	O				6.22
33.250	0.00	0.80	1.270	I	O				6.21
33.333	0.00	0.80	1.265	I	O				6.20
33.417	0.00	0.80	1.259	I	O				6.19
33.500	0.00	0.80	1.253	I	O				6.18
33.583	0.00	0.80	1.248	I	O				6.17
33.667	0.00	0.80	1.242	I	O				6.16
33.750	0.00	0.80	1.237	I	O				6.15
33.833	0.00	0.80	1.231	I	O				6.14
33.917	0.00	0.80	1.226	I	O				6.13
34.000	0.00	0.80	1.220	I	O				6.12
34.083	0.00	0.80	1.215	I	O				6.11
34.167	0.00	0.80	1.209	I	O				6.10
34.250	0.00	0.80	1.204	I	O				6.09
34.333	0.00	0.80	1.198	I	O				6.08
34.417	0.00	0.80	1.193	I	O				6.07
34.500	0.00	0.80	1.187	I	O				6.06
34.583	0.00	0.80	1.182	I	O				6.05
34.667	0.00	0.80	1.176	I	O				6.04
34.750	0.00	0.80	1.171	I	O				6.03
34.833	0.00	0.80	1.165	I	O				6.02
34.917	0.00	0.80	1.160	I	O				6.01
35.000	0.00	0.79	1.154	I	O				5.99
35.083	0.00	0.77	1.149	I	O				5.96
35.167	0.00	0.75	1.144	I	O				5.94
35.250	0.00	0.73	1.139	I	O				5.91
35.333	0.00	0.71	1.134	I	O				5.88
35.417	0.00	0.69	1.129	I	O				5.86
35.500	0.00	0.67	1.124	I	O				5.84
35.583	0.00	0.65	1.120	I	O				5.81
35.667	0.00	0.63	1.115	I	O				5.79
35.750	0.00	0.62	1.111	I	O				5.77
35.833	0.00	0.60	1.107	I	O				5.74
35.917	0.00	0.58	1.103	I	O				5.72
36.000	0.00	0.57	1.099	I	O				5.70
36.083	0.00	0.55	1.095	I	O				5.68
36.167	0.00	0.53	1.091	I	O				5.66

36.250	0.00	0.52	1.088	I O				5.65
36.333	0.00	0.51	1.084	I O				5.63
36.417	0.00	0.49	1.081	I O				5.61
36.500	0.00	0.48	1.077	I O				5.59
36.583	0.00	0.46	1.074	I O				5.57
36.667	0.00	0.45	1.071	I O				5.56
36.750	0.00	0.44	1.068	I O				5.54
36.833	0.00	0.43	1.065	I O				5.53
36.917	0.00	0.41	1.062	I O				5.51
37.000	0.00	0.40	1.059	I O				5.50
37.083	0.00	0.39	1.056	I O				5.48
37.167	0.00	0.38	1.054	I O				5.47
37.250	0.00	0.37	1.051	I O				5.46
37.333	0.00	0.36	1.049	I O				5.44
37.417	0.00	0.35	1.046	I O				5.43
37.500	0.00	0.34	1.044	I O				5.42
37.583	0.00	0.33	1.041	I O				5.41
37.667	0.00	0.32	1.039	I O				5.39
37.750	0.00	0.31	1.037	I O				5.38
37.833	0.00	0.30	1.035	I O				5.37
37.917	0.00	0.30	1.033	I O				5.36
38.000	0.00	0.29	1.031	I O				5.35
38.083	0.00	0.28	1.029	IO				5.34
38.167	0.00	0.27	1.027	IO				5.33
38.250	0.00	0.26	1.025	IO				5.32
38.333	0.00	0.26	1.023	IO				5.31
38.417	0.00	0.25	1.022	IO				5.30
38.500	0.00	0.24	1.020	IO				5.29
38.583	0.00	0.24	1.018	IO				5.29
38.667	0.00	0.23	1.017	IO				5.28
38.750	0.00	0.22	1.015	IO				5.27
38.833	0.00	0.22	1.014	IO				5.26
38.917	0.00	0.21	1.012	IO				5.25
39.000	0.00	0.20	1.011	IO				5.25
39.083	0.00	0.20	1.009	IO				5.24
39.167	0.00	0.19	1.008	IO				5.23
39.250	0.00	0.19	1.007	IO				5.23
39.333	0.00	0.18	1.005	IO				5.22
39.417	0.00	0.18	1.004	IO				5.21
39.500	0.00	0.17	1.003	IO				5.21
39.583	0.00	0.17	1.002	IO				5.20
39.667	0.00	0.16	1.001	IO				5.19
39.750	0.00	0.16	0.999	IO				5.19
39.833	0.00	0.15	0.998	IO				5.18
39.917	0.00	0.15	0.997	IO				5.18
40.000	0.00	0.15	0.996	IO				5.17
40.083	0.00	0.14	0.995	IO				5.17
40.167	0.00	0.14	0.994	O				5.16
40.250	0.00	0.13	0.993	O				5.16
40.333	0.00	0.13	0.992	O				5.15
40.417	0.00	0.13	0.992	O				5.15
40.500	0.00	0.12	0.991	O				5.14
40.583	0.00	0.12	0.990	O				5.14
40.667	0.00	0.12	0.989	O				5.13
40.750	0.00	0.11	0.988	O				5.13
40.833	0.00	0.11	0.987	O				5.13
40.917	0.00	0.11	0.987	O				5.12

41.000	0.00	0.10	0.986	O	|	|	|	5.12
41.083	0.00	0.10	0.985	O	|	|	|	5.12
41.167	0.00	0.10	0.985	O	|	|	|	5.11
41.250	0.00	0.10	0.984	O	|	|	|	5.11
41.333	0.00	0.09	0.983	O	|	|	|	5.11
41.417	0.00	0.09	0.983	O	|	|	|	5.10
41.500	0.00	0.09	0.982	O	|	|	|	5.10
41.583	0.00	0.09	0.981	O	|	|	|	5.10
41.667	0.00	0.08	0.981	O	|	|	|	5.09
41.750	0.00	0.08	0.980	O	|	|	|	5.09
41.833	0.00	0.08	0.980	O	|	|	|	5.09
41.917	0.00	0.08	0.979	O	|	|	|	5.08
42.000	0.00	0.07	0.979	O	|	|	|	5.08
42.083	0.00	0.07	0.978	O	|	|	|	5.08
42.167	0.00	0.07	0.978	O	|	|	|	5.08
42.250	0.00	0.07	0.977	O	|	|	|	5.07
42.333	0.00	0.07	0.977	O	|	|	|	5.07
42.417	0.00	0.06	0.976	O	|	|	|	5.07
42.500	0.00	0.06	0.976	O	|	|	|	5.07
42.583	0.00	0.06	0.975	O	|	|	|	5.06
42.667	0.00	0.06	0.975	O	|	|	|	5.06
42.750	0.00	0.06	0.975	O	|	|	|	5.06
42.833	0.00	0.06	0.974	O	|	|	|	5.06
42.917	0.00	0.05	0.974	O	|	|	|	5.06
43.000	0.00	0.05	0.973	O	|	|	|	5.05
43.083	0.00	0.05	0.973	O	|	|	|	5.05
43.167	0.00	0.05	0.973	O	|	|	|	5.05
43.250	0.00	0.05	0.972	O	|	|	|	5.05
43.333	0.00	0.05	0.972	O	|	|	|	5.05
43.417	0.00	0.05	0.972	O	|	|	|	5.05
43.500	0.00	0.04	0.971	O	|	|	|	5.04
43.583	0.00	0.04	0.971	O	|	|	|	5.04
43.667	0.00	0.04	0.971	O	|	|	|	5.04
43.750	0.00	0.04	0.971	O	|	|	|	5.04
43.833	0.00	0.04	0.970	O	|	|	|	5.04
43.917	0.00	0.04	0.970	O	|	|	|	5.04
44.000	0.00	0.04	0.970	O	|	|	|	5.04
44.083	0.00	0.04	0.970	O	|	|	|	5.03
44.167	0.00	0.04	0.969	O	|	|	|	5.03
44.250	0.00	0.03	0.969	O	|	|	|	5.03
44.333	0.00	0.03	0.969	O	|	|	|	5.03
44.417	0.00	0.03	0.969	O	|	|	|	5.03
44.500	0.00	0.03	0.968	O	|	|	|	5.03
44.583	0.00	0.03	0.968	O	|	|	|	5.03
44.667	0.00	0.03	0.968	O	|	|	|	5.03
44.750	0.00	0.03	0.968	O	|	|	|	5.02
44.833	0.00	0.03	0.968	O	|	|	|	5.02
44.917	0.00	0.03	0.967	O	|	|	|	5.02
45.000	0.00	0.03	0.967	O	|	|	|	5.02
45.083	0.00	0.03	0.967	O	|	|	|	5.02
45.167	0.00	0.03	0.967	O	|	|	|	5.02
45.250	0.00	0.02	0.967	O	|	|	|	5.02
45.333	0.00	0.02	0.966	O	|	|	|	5.02
45.417	0.00	0.02	0.966	O	|	|	|	5.02
45.500	0.00	0.02	0.966	O	|	|	|	5.02
45.583	0.00	0.02	0.966	O	|	|	|	5.02
45.667	0.00	0.02	0.966	O	|	|	|	5.01

45.750	0.00	0.02	0.966	O	|	|	|	5.01
45.833	0.00	0.02	0.966	O	|	|	|	5.01
45.917	0.00	0.02	0.965	O	|	|	|	5.01
46.000	0.00	0.02	0.965	O	|	|	|	5.01
46.083	0.00	0.02	0.965	O	|	|	|	5.01
46.167	0.00	0.02	0.965	O	|	|	|	5.01
46.250	0.00	0.02	0.965	O	|	|	|	5.01
46.333	0.00	0.02	0.965	O	|	|	|	5.01
46.417	0.00	0.02	0.965	O	|	|	|	5.01
46.500	0.00	0.02	0.965	O	|	|	|	5.01
46.583	0.00	0.02	0.964	O	|	|	|	5.01
46.667	0.00	0.02	0.964	O	|	|	|	5.01
46.750	0.00	0.01	0.964	O	|	|	|	5.01
46.833	0.00	0.01	0.964	O	|	|	|	5.01
46.917	0.00	0.01	0.964	O	|	|	|	5.01
47.000	0.00	0.01	0.964	O	|	|	|	5.00
47.083	0.00	0.01	0.964	O	|	|	|	5.00
47.167	0.00	0.01	0.964	O	|	|	|	5.00
47.250	0.00	0.01	0.964	O	|	|	|	5.00
47.333	0.00	0.01	0.964	O	|	|	|	5.00
47.417	0.00	0.01	0.963	O	|	|	|	5.00
47.500	0.00	0.01	0.963	O	|	|	|	5.00
47.583	0.00	0.01	0.963	O	|	|	|	5.00
47.667	0.00	0.01	0.963	O	|	|	|	5.00
47.750	0.00	0.01	0.963	O	|	|	|	5.00
47.833	0.00	0.01	0.963	O	|	|	|	5.00
47.917	0.00	0.01	0.963	O	|	|	|	5.00
48.000	0.00	0.01	0.963	O	|	|	|	5.00
48.083	0.00	0.01	0.963	O	|	|	|	5.00
48.167	0.00	0.01	0.963	O	|	|	|	5.00
48.250	0.00	0.01	0.963	O	|	|	|	5.00
48.333	0.00	0.01	0.963	O	|	|	|	5.00
48.417	0.00	0.01	0.963	O	|	|	|	5.00
48.500	0.00	0.01	0.963	O	|	|	|	5.00
48.583	0.00	0.01	0.962	O	|	|	|	5.00
48.667	0.00	0.01	0.962	O	|	|	|	5.00
48.750	0.00	0.01	0.962	O	|	|	|	5.00
48.833	0.00	0.01	0.962	O	|	|	|	5.00
48.917	0.00	0.01	0.962	O	|	|	|	5.00
49.000	0.00	0.01	0.962	O	|	|	|	5.00
49.083	0.00	0.01	0.962	O	|	|	|	5.00
49.167	0.00	0.01	0.962	O	|	|	|	4.99
49.250	0.00	0.01	0.962	O	|	|	|	4.99
49.333	0.00	0.01	0.962	O	|	|	|	4.99
49.417	0.00	0.01	0.962	O	|	|	|	4.99
49.500	0.00	0.01	0.962	O	|	|	|	4.99
49.583	0.00	0.01	0.962	O	|	|	|	4.99
49.667	0.00	0.01	0.962	O	|	|	|	4.99
49.750	0.00	0.01	0.961	O	|	|	|	4.99
49.833	0.00	0.01	0.961	O	|	|	|	4.99
49.917	0.00	0.01	0.961	O	|	|	|	4.99
50.000	0.00	0.01	0.961	O	|	|	|	4.99
50.083	0.00	0.01	0.961	O	|	|	|	4.99
50.167	0.00	0.01	0.961	O	|	|	|	4.99
50.250	0.00	0.01	0.961	O	|	|	|	4.99
50.333	0.00	0.01	0.961	O	|	|	|	4.99
50.417	0.00	0.01	0.961	O	|	|	|	4.99

50.500	0.00	0.01	0.961	O	|	|	|	| 4.99
50.583	0.00	0.01	0.961	O	|	|	|	| 4.99
50.667	0.00	0.01	0.961	O	|	|	|	| 4.99
50.750	0.00	0.01	0.961	O	|	|	|	| 4.99
50.833	0.00	0.01	0.961	O	|	|	|	| 4.99
50.917	0.00	0.01	0.961	O	|	|	|	| 4.99
51.000	0.00	0.01	0.960	O	|	|	|	| 4.99
51.083	0.00	0.01	0.960	O	|	|	|	| 4.99
51.167	0.00	0.01	0.960	O	|	|	|	| 4.99
51.250	0.00	0.01	0.960	O	|	|	|	| 4.99
51.333	0.00	0.01	0.960	O	|	|	|	| 4.99
51.417	0.00	0.01	0.960	O	|	|	|	| 4.99
51.500	0.00	0.01	0.960	O	|	|	|	| 4.98
51.583	0.00	0.01	0.960	O	|	|	|	| 4.98
51.667	0.00	0.01	0.960	O	|	|	|	| 4.98
51.750	0.00	0.01	0.960	O	|	|	|	| 4.98
51.833	0.00	0.01	0.960	O	|	|	|	| 4.98
51.917	0.00	0.01	0.960	O	|	|	|	| 4.98
52.000	0.00	0.01	0.960	O	|	|	|	| 4.98
52.083	0.00	0.01	0.960	O	|	|	|	| 4.98
52.167	0.00	0.01	0.959	O	|	|	|	| 4.98
52.250	0.00	0.01	0.959	O	|	|	|	| 4.98
52.333	0.00	0.01	0.959	O	|	|	|	| 4.98
52.417	0.00	0.01	0.959	O	|	|	|	| 4.98
52.500	0.00	0.01	0.959	O	|	|	|	| 4.98
52.583	0.00	0.01	0.959	O	|	|	|	| 4.98
52.667	0.00	0.01	0.959	O	|	|	|	| 4.98
52.750	0.00	0.01	0.959	O	|	|	|	| 4.98
52.833	0.00	0.01	0.959	O	|	|	|	| 4.98
52.917	0.00	0.01	0.959	O	|	|	|	| 4.98
53.000	0.00	0.01	0.959	O	|	|	|	| 4.98
53.083	0.00	0.01	0.959	O	|	|	|	| 4.98
53.167	0.00	0.01	0.959	O	|	|	|	| 4.98
53.250	0.00	0.01	0.959	O	|	|	|	| 4.98
53.333	0.00	0.01	0.959	O	|	|	|	| 4.98
53.417	0.00	0.01	0.958	O	|	|	|	| 4.98
53.500	0.00	0.01	0.958	O	|	|	|	| 4.98
53.583	0.00	0.01	0.958	O	|	|	|	| 4.98
53.667	0.00	0.01	0.958	O	|	|	|	| 4.98
53.750	0.00	0.01	0.958	O	|	|	|	| 4.98
53.833	0.00	0.01	0.958	O	|	|	|	| 4.97
53.917	0.00	0.01	0.958	O	|	|	|	| 4.97
54.000	0.00	0.01	0.958	O	|	|	|	| 4.97
54.083	0.00	0.01	0.958	O	|	|	|	| 4.97
54.167	0.00	0.01	0.958	O	|	|	|	| 4.97
54.250	0.00	0.01	0.958	O	|	|	|	| 4.97
54.333	0.00	0.01	0.958	O	|	|	|	| 4.97
54.417	0.00	0.01	0.958	O	|	|	|	| 4.97
54.500	0.00	0.01	0.958	O	|	|	|	| 4.97
54.583	0.00	0.01	0.957	O	|	|	|	| 4.97
54.667	0.00	0.01	0.957	O	|	|	|	| 4.97
54.750	0.00	0.01	0.957	O	|	|	|	| 4.97
54.833	0.00	0.01	0.957	O	|	|	|	| 4.97
54.917	0.00	0.01	0.957	O	|	|	|	| 4.97
55.000	0.00	0.01	0.957	O	|	|	|	| 4.97
55.083	0.00	0.01	0.957	O	|	|	|	| 4.97
55.167	0.00	0.01	0.957	O	|	|	|	| 4.97

55.250	0.00	0.01	0.957	O	|	|	|	4.97
55.333	0.00	0.01	0.957	O	|	|	|	4.97
55.417	0.00	0.01	0.957	O	|	|	|	4.97
55.500	0.00	0.01	0.957	O	|	|	|	4.97
55.583	0.00	0.01	0.957	O	|	|	|	4.97
55.667	0.00	0.01	0.957	O	|	|	|	4.97
55.750	0.00	0.01	0.957	O	|	|	|	4.97
55.833	0.00	0.01	0.956	O	|	|	|	4.97
55.917	0.00	0.01	0.956	O	|	|	|	4.97
56.000	0.00	0.01	0.956	O	|	|	|	4.97
56.083	0.00	0.01	0.956	O	|	|	|	4.97
56.167	0.00	0.01	0.956	O	|	|	|	4.96
56.250	0.00	0.01	0.956	O	|	|	|	4.96
56.333	0.00	0.01	0.956	O	|	|	|	4.96
56.417	0.00	0.01	0.956	O	|	|	|	4.96
56.500	0.00	0.01	0.956	O	|	|	|	4.96
56.583	0.00	0.01	0.956	O	|	|	|	4.96
56.667	0.00	0.01	0.956	O	|	|	|	4.96
56.750	0.00	0.01	0.956	O	|	|	|	4.96
56.833	0.00	0.01	0.956	O	|	|	|	4.96
56.917	0.00	0.01	0.956	O	|	|	|	4.96
57.000	0.00	0.01	0.956	O	|	|	|	4.96
57.083	0.00	0.01	0.955	O	|	|	|	4.96
57.167	0.00	0.01	0.955	O	|	|	|	4.96
57.250	0.00	0.01	0.955	O	|	|	|	4.96
57.333	0.00	0.01	0.955	O	|	|	|	4.96
57.417	0.00	0.01	0.955	O	|	|	|	4.96
57.500	0.00	0.01	0.955	O	|	|	|	4.96
57.583	0.00	0.01	0.955	O	|	|	|	4.96
57.667	0.00	0.01	0.955	O	|	|	|	4.96
57.750	0.00	0.01	0.955	O	|	|	|	4.96
57.833	0.00	0.01	0.955	O	|	|	|	4.96
57.917	0.00	0.01	0.955	O	|	|	|	4.96
58.000	0.00	0.01	0.955	O	|	|	|	4.96
58.083	0.00	0.01	0.955	O	|	|	|	4.96
58.167	0.00	0.01	0.955	O	|	|	|	4.96
58.250	0.00	0.01	0.954	O	|	|	|	4.96
58.333	0.00	0.01	0.954	O	|	|	|	4.96
58.417	0.00	0.01	0.954	O	|	|	|	4.96
58.500	0.00	0.01	0.954	O	|	|	|	4.95
58.583	0.00	0.01	0.954	O	|	|	|	4.95
58.667	0.00	0.01	0.954	O	|	|	|	4.95
58.750	0.00	0.01	0.954	O	|	|	|	4.95
58.833	0.00	0.01	0.954	O	|	|	|	4.95
58.917	0.00	0.01	0.954	O	|	|	|	4.95
59.000	0.00	0.01	0.954	O	|	|	|	4.95
59.083	0.00	0.01	0.954	O	|	|	|	4.95
59.167	0.00	0.01	0.954	O	|	|	|	4.95
59.250	0.00	0.01	0.954	O	|	|	|	4.95
59.333	0.00	0.01	0.954	O	|	|	|	4.95
59.417	0.00	0.01	0.954	O	|	|	|	4.95
59.500	0.00	0.01	0.953	O	|	|	|	4.95
59.583	0.00	0.01	0.953	O	|	|	|	4.95
59.667	0.00	0.01	0.953	O	|	|	|	4.95
59.750	0.00	0.01	0.953	O	|	|	|	4.95
59.833	0.00	0.01	0.953	O	|	|	|	4.95
59.917	0.00	0.01	0.953	O	|	|	|	4.95

60.000	0.00	0.01	0.953	O	|	|	|	4.95
60.083	0.00	0.01	0.953	O	|	|	|	4.95
60.167	0.00	0.01	0.953	O	|	|	|	4.95
60.250	0.00	0.01	0.953	O	|	|	|	4.95
60.333	0.00	0.01	0.953	O	|	|	|	4.95
60.417	0.00	0.01	0.953	O	|	|	|	4.95
60.500	0.00	0.01	0.953	O	|	|	|	4.95
60.583	0.00	0.01	0.953	O	|	|	|	4.95
60.667	0.00	0.01	0.952	O	|	|	|	4.95
60.750	0.00	0.01	0.952	O	|	|	|	4.95
60.833	0.00	0.01	0.952	O	|	|	|	4.94
60.917	0.00	0.01	0.952	O	|	|	|	4.94
61.000	0.00	0.01	0.952	O	|	|	|	4.94
61.083	0.00	0.01	0.952	O	|	|	|	4.94
61.167	0.00	0.01	0.952	O	|	|	|	4.94
61.250	0.00	0.01	0.952	O	|	|	|	4.94
61.333	0.00	0.01	0.952	O	|	|	|	4.94
61.417	0.00	0.01	0.952	O	|	|	|	4.94
61.500	0.00	0.01	0.952	O	|	|	|	4.94
61.583	0.00	0.01	0.952	O	|	|	|	4.94
61.667	0.00	0.01	0.952	O	|	|	|	4.94
61.750	0.00	0.01	0.952	O	|	|	|	4.94
61.833	0.00	0.01	0.952	O	|	|	|	4.94
61.917	0.00	0.01	0.951	O	|	|	|	4.94
62.000	0.00	0.01	0.951	O	|	|	|	4.94
62.083	0.00	0.01	0.951	O	|	|	|	4.94
62.167	0.00	0.01	0.951	O	|	|	|	4.94
62.250	0.00	0.01	0.951	O	|	|	|	4.94
62.333	0.00	0.01	0.951	O	|	|	|	4.94
62.417	0.00	0.01	0.951	O	|	|	|	4.94
62.500	0.00	0.01	0.951	O	|	|	|	4.94
62.583	0.00	0.01	0.951	O	|	|	|	4.94
62.667	0.00	0.01	0.951	O	|	|	|	4.94
62.750	0.00	0.01	0.951	O	|	|	|	4.94
62.833	0.00	0.01	0.951	O	|	|	|	4.94
62.917	0.00	0.01	0.951	O	|	|	|	4.94
63.000	0.00	0.01	0.951	O	|	|	|	4.94
63.083	0.00	0.01	0.950	O	|	|	|	4.94
63.167	0.00	0.01	0.950	O	|	|	|	4.93
63.250	0.00	0.01	0.950	O	|	|	|	4.93
63.333	0.00	0.01	0.950	O	|	|	|	4.93
63.417	0.00	0.01	0.950	O	|	|	|	4.93
63.500	0.00	0.01	0.950	O	|	|	|	4.93
63.583	0.00	0.01	0.950	O	|	|	|	4.93
63.667	0.00	0.01	0.950	O	|	|	|	4.93
63.750	0.00	0.01	0.950	O	|	|	|	4.93
63.833	0.00	0.01	0.950	O	|	|	|	4.93
63.917	0.00	0.01	0.950	O	|	|	|	4.93
64.000	0.00	0.01	0.950	O	|	|	|	4.93
64.083	0.00	0.01	0.950	O	|	|	|	4.93
64.167	0.00	0.01	0.950	O	|	|	|	4.93
64.250	0.00	0.01	0.950	O	|	|	|	4.93
64.333	0.00	0.01	0.949	O	|	|	|	4.93
64.417	0.00	0.01	0.949	O	|	|	|	4.93
64.500	0.00	0.01	0.949	O	|	|	|	4.93
64.583	0.00	0.01	0.949	O	|	|	|	4.93
64.667	0.00	0.01	0.949	O	|	|	|	4.93

64.750	0.00	0.01	0.949	O					4.93
64.833	0.00	0.01	0.949	O					4.93
64.917	0.00	0.01	0.949	O					4.93
65.000	0.00	0.01	0.949	O					4.93
65.083	0.00	0.01	0.949	O					4.93
65.167	0.00	0.01	0.949	O					4.93
65.250	0.00	0.01	0.949	O					4.93
65.333	0.00	0.01	0.949	O					4.93
65.417	0.00	0.01	0.949	O					4.93
65.500	0.00	0.01	0.948	O					4.92
65.583	0.00	0.01	0.948	O					4.92
65.667	0.00	0.01	0.948	O					4.92
65.750	0.00	0.01	0.948	O					4.92
65.833	0.00	0.01	0.948	O					4.92
65.917	0.00	0.01	0.948	O					4.92
66.000	0.00	0.01	0.948	O					4.92
66.083	0.00	0.01	0.948	O					4.92
66.167	0.00	0.01	0.948	O					4.92
66.250	0.00	0.01	0.948	O					4.92
66.333	0.00	0.01	0.948	O					4.92
66.417	0.00	0.01	0.948	O					4.92
66.500	0.00	0.01	0.948	O					4.92
66.583	0.00	0.01	0.948	O					4.92
66.667	0.00	0.01	0.948	O					4.92
66.750	0.00	0.01	0.947	O					4.92
66.833	0.00	0.01	0.947	O					4.92
66.917	0.00	0.01	0.947	O					4.92
67.000	0.00	0.01	0.947	O					4.92
67.083	0.00	0.01	0.947	O					4.92
67.167	0.00	0.01	0.947	O					4.92
67.250	0.00	0.01	0.947	O					4.92
67.333	0.00	0.01	0.947	O					4.92
67.417	0.00	0.01	0.947	O					4.92
67.500	0.00	0.01	0.947	O					4.92
67.583	0.00	0.01	0.947	O					4.92
67.667	0.00	0.01	0.947	O					4.92
67.750	0.00	0.01	0.947	O					4.92
67.833	0.00	0.01	0.947	O					4.91
67.917	0.00	0.01	0.946	O					4.91
68.000	0.00	0.01	0.946	O					4.91
68.083	0.00	0.01	0.946	O					4.91
68.167	0.00	0.01	0.946	O					4.91
68.250	0.00	0.01	0.946	O					4.91
68.333	0.00	0.01	0.946	O					4.91
68.417	0.00	0.01	0.946	O					4.91
68.500	0.00	0.01	0.946	O					4.91
68.583	0.00	0.01	0.946	O					4.91
68.667	0.00	0.01	0.946	O					4.91
68.750	0.00	0.01	0.946	O					4.91
68.833	0.00	0.01	0.946	O					4.91
68.917	0.00	0.01	0.946	O					4.91
69.000	0.00	0.01	0.946	O					4.91
69.083	0.00	0.01	0.946	O					4.91
69.167	0.00	0.01	0.945	O					4.91
69.250	0.00	0.01	0.945	O					4.91
69.333	0.00	0.01	0.945	O					4.91
69.417	0.00	0.01	0.945	O					4.91

69.500	0.00	0.01	0.945	O				4.91
69.583	0.00	0.01	0.945	O				4.91
69.667	0.00	0.01	0.945	O				4.91
69.750	0.00	0.01	0.945	O				4.91
69.833	0.00	0.01	0.945	O				4.91
69.917	0.00	0.01	0.945	O				4.91
70.000	0.00	0.01	0.945	O				4.91
70.083	0.00	0.01	0.945	O				4.91
70.167	0.00	0.01	0.945	O				4.90
70.250	0.00	0.01	0.945	O				4.90
70.333	0.00	0.01	0.944	O				4.90
70.417	0.00	0.01	0.944	O				4.90
70.500	0.00	0.01	0.944	O				4.90
70.583	0.00	0.01	0.944	O				4.90
70.667	0.00	0.01	0.944	O				4.90
70.750	0.00	0.01	0.944	O				4.90
70.833	0.00	0.01	0.944	O				4.90
70.917	0.00	0.01	0.944	O				4.90
71.000	0.00	0.01	0.944	O				4.90
71.083	0.00	0.01	0.944	O				4.90
71.167	0.00	0.01	0.944	O				4.90
71.250	0.00	0.01	0.944	O				4.90
71.333	0.00	0.01	0.944	O				4.90
71.417	0.00	0.01	0.944	O				4.90
71.500	0.00	0.01	0.944	O				4.90
71.583	0.00	0.01	0.943	O				4.90
71.667	0.00	0.01	0.943	O				4.90
71.750	0.00	0.01	0.943	O				4.90
71.833	0.00	0.01	0.943	O				4.90
71.917	0.00	0.01	0.943	O				4.90
72.000	0.00	0.01	0.943	O				4.90
72.083	0.00	0.01	0.943	O				4.90
72.167	0.00	0.01	0.943	O				4.90
72.250	0.00	0.01	0.943	O				4.90
72.333	0.00	0.01	0.943	O				4.90
72.417	0.00	0.01	0.943	O				4.90
72.500	0.00	0.01	0.943	O				4.89
72.583	0.00	0.01	0.943	O				4.89
72.667	0.00	0.01	0.943	O				4.89
72.750	0.00	0.01	0.942	O				4.89
72.833	0.00	0.01	0.942	O				4.89
72.917	0.00	0.01	0.942	O				4.89
73.000	0.00	0.01	0.942	O				4.89
73.083	0.00	0.01	0.942	O				4.89
73.167	0.00	0.01	0.942	O				4.89
73.250	0.00	0.01	0.942	O				4.89
73.333	0.00	0.01	0.942	O				4.89
73.417	0.00	0.01	0.942	O				4.89
73.500	0.00	0.01	0.942	O				4.89
73.583	0.00	0.01	0.942	O				4.89
73.667	0.00	0.01	0.942	O				4.89
73.750	0.00	0.01	0.942	O				4.89
73.833	0.00	0.01	0.942	O				4.89
73.917	0.00	0.01	0.942	O				4.89
74.000	0.00	0.01	0.941	O				4.89
74.083	0.00	0.01	0.941	O				4.89
74.167	0.00	0.01	0.941	O				4.89

74.250	0.00	0.01	0.941	O	|	|	|	4.89
74.333	0.00	0.01	0.941	O	|	|	|	4.89
74.417	0.00	0.01	0.941	O	|	|	|	4.89
74.500	0.00	0.01	0.941	O	|	|	|	4.89
74.583	0.00	0.01	0.941	O	|	|	|	4.89
74.667	0.00	0.01	0.941	O	|	|	|	4.89
74.750	0.00	0.01	0.941	O	|	|	|	4.89
74.833	0.00	0.01	0.941	O	|	|	|	4.88
74.917	0.00	0.01	0.941	O	|	|	|	4.88
75.000	0.00	0.01	0.941	O	|	|	|	4.88
75.083	0.00	0.01	0.941	O	|	|	|	4.88
75.167	0.00	0.01	0.940	O	|	|	|	4.88
75.250	0.00	0.01	0.940	O	|	|	|	4.88
75.333	0.00	0.01	0.940	O	|	|	|	4.88
75.417	0.00	0.01	0.940	O	|	|	|	4.88
75.500	0.00	0.01	0.940	O	|	|	|	4.88
75.583	0.00	0.01	0.940	O	|	|	|	4.88
75.667	0.00	0.01	0.940	O	|	|	|	4.88
75.750	0.00	0.01	0.940	O	|	|	|	4.88
75.833	0.00	0.01	0.940	O	|	|	|	4.88
75.917	0.00	0.01	0.940	O	|	|	|	4.88
76.000	0.00	0.01	0.940	O	|	|	|	4.88
76.083	0.00	0.01	0.940	O	|	|	|	4.88
76.167	0.00	0.01	0.940	O	|	|	|	4.88
76.250	0.00	0.01	0.940	O	|	|	|	4.88
76.333	0.00	0.01	0.940	O	|	|	|	4.88
76.417	0.00	0.01	0.939	O	|	|	|	4.88
76.500	0.00	0.01	0.939	O	|	|	|	4.88
76.583	0.00	0.01	0.939	O	|	|	|	4.88
76.667	0.00	0.01	0.939	O	|	|	|	4.88
76.750	0.00	0.01	0.939	O	|	|	|	4.88
76.833	0.00	0.01	0.939	O	|	|	|	4.88
76.917	0.00	0.01	0.939	O	|	|	|	4.88
77.000	0.00	0.01	0.939	O	|	|	|	4.88
77.083	0.00	0.01	0.939	O	|	|	|	4.88
77.167	0.00	0.01	0.939	O	|	|	|	4.87
77.250	0.00	0.01	0.939	O	|	|	|	4.87
77.333	0.00	0.01	0.939	O	|	|	|	4.87
77.417	0.00	0.01	0.939	O	|	|	|	4.87
77.500	0.00	0.01	0.939	O	|	|	|	4.87
77.583	0.00	0.01	0.938	O	|	|	|	4.87
77.667	0.00	0.01	0.938	O	|	|	|	4.87
77.750	0.00	0.01	0.938	O	|	|	|	4.87
77.833	0.00	0.01	0.938	O	|	|	|	4.87
77.917	0.00	0.01	0.938	O	|	|	|	4.87
78.000	0.00	0.01	0.938	O	|	|	|	4.87
78.083	0.00	0.01	0.938	O	|	|	|	4.87
78.167	0.00	0.01	0.938	O	|	|	|	4.87
78.250	0.00	0.01	0.938	O	|	|	|	4.87
78.333	0.00	0.01	0.938	O	|	|	|	4.87
78.417	0.00	0.01	0.938	O	|	|	|	4.87
78.500	0.00	0.01	0.938	O	|	|	|	4.87
78.583	0.00	0.01	0.938	O	|	|	|	4.87
78.667	0.00	0.01	0.938	O	|	|	|	4.87
78.750	0.00	0.01	0.938	O	|	|	|	4.87
78.833	0.00	0.01	0.937	O	|	|	|	4.87
78.917	0.00	0.01	0.937	O	|	|	|	4.87

79.000	0.00	0.01	0.937	O	|	|	|	4.87
79.083	0.00	0.01	0.937	O	|	|	|	4.87
79.167	0.00	0.01	0.937	O	|	|	|	4.87
79.250	0.00	0.01	0.937	O	|	|	|	4.87
79.333	0.00	0.01	0.937	O	|	|	|	4.87
79.417	0.00	0.01	0.937	O	|	|	|	4.87
79.500	0.00	0.01	0.937	O	|	|	|	4.86
79.583	0.00	0.01	0.937	O	|	|	|	4.86
79.667	0.00	0.01	0.937	O	|	|	|	4.86
79.750	0.00	0.01	0.937	O	|	|	|	4.86
79.833	0.00	0.01	0.937	O	|	|	|	4.86
79.917	0.00	0.01	0.937	O	|	|	|	4.86
80.000	0.00	0.01	0.936	O	|	|	|	4.86
80.083	0.00	0.01	0.936	O	|	|	|	4.86
80.167	0.00	0.01	0.936	O	|	|	|	4.86
80.250	0.00	0.01	0.936	O	|	|	|	4.86
80.333	0.00	0.01	0.936	O	|	|	|	4.86
80.417	0.00	0.01	0.936	O	|	|	|	4.86
80.500	0.00	0.01	0.936	O	|	|	|	4.86
80.583	0.00	0.01	0.936	O	|	|	|	4.86
80.667	0.00	0.01	0.936	O	|	|	|	4.86
80.750	0.00	0.01	0.936	O	|	|	|	4.86
80.833	0.00	0.01	0.936	O	|	|	|	4.86
80.917	0.00	0.01	0.936	O	|	|	|	4.86
81.000	0.00	0.01	0.936	O	|	|	|	4.86
81.083	0.00	0.01	0.936	O	|	|	|	4.86
81.167	0.00	0.01	0.936	O	|	|	|	4.86
81.250	0.00	0.01	0.935	O	|	|	|	4.86
81.333	0.00	0.01	0.935	O	|	|	|	4.86
81.417	0.00	0.01	0.935	O	|	|	|	4.86
81.500	0.00	0.01	0.935	O	|	|	|	4.86
81.583	0.00	0.01	0.935	O	|	|	|	4.86
81.667	0.00	0.01	0.935	O	|	|	|	4.86
81.750	0.00	0.01	0.935	O	|	|	|	4.86
81.833	0.00	0.01	0.935	O	|	|	|	4.85
81.917	0.00	0.01	0.935	O	|	|	|	4.85
82.000	0.00	0.01	0.935	O	|	|	|	4.85
82.083	0.00	0.01	0.935	O	|	|	|	4.85
82.167	0.00	0.01	0.935	O	|	|	|	4.85
82.250	0.00	0.01	0.935	O	|	|	|	4.85
82.333	0.00	0.01	0.935	O	|	|	|	4.85
82.417	0.00	0.01	0.934	O	|	|	|	4.85
82.500	0.00	0.01	0.934	O	|	|	|	4.85
82.583	0.00	0.01	0.934	O	|	|	|	4.85
82.667	0.00	0.01	0.934	O	|	|	|	4.85
82.750	0.00	0.01	0.934	O	|	|	|	4.85
82.833	0.00	0.01	0.934	O	|	|	|	4.85
82.917	0.00	0.01	0.934	O	|	|	|	4.85
83.000	0.00	0.01	0.934	O	|	|	|	4.85
83.083	0.00	0.01	0.934	O	|	|	|	4.85
83.167	0.00	0.01	0.934	O	|	|	|	4.85
83.250	0.00	0.01	0.934	O	|	|	|	4.85
83.333	0.00	0.01	0.934	O	|	|	|	4.85
83.417	0.00	0.01	0.934	O	|	|	|	4.85
83.500	0.00	0.01	0.934	O	|	|	|	4.85
83.583	0.00	0.01	0.934	O	|	|	|	4.85
83.667	0.00	0.01	0.933	O	|	|	|	4.85

83.750	0.00	0.01	0.933	O	|	|	|	4.85
83.833	0.00	0.01	0.933	O	|	|	|	4.85
83.917	0.00	0.01	0.933	O	|	|	|	4.85
84.000	0.00	0.01	0.933	O	|	|	|	4.85
84.083	0.00	0.01	0.933	O	|	|	|	4.85
84.167	0.00	0.01	0.933	O	|	|	|	4.84
84.250	0.00	0.01	0.933	O	|	|	|	4.84
84.333	0.00	0.01	0.933	O	|	|	|	4.84
84.417	0.00	0.01	0.933	O	|	|	|	4.84
84.500	0.00	0.01	0.933	O	|	|	|	4.84
84.583	0.00	0.01	0.933	O	|	|	|	4.84
84.667	0.00	0.01	0.933	O	|	|	|	4.84
84.750	0.00	0.01	0.933	O	|	|	|	4.84
84.833	0.00	0.01	0.932	O	|	|	|	4.84
84.917	0.00	0.01	0.932	O	|	|	|	4.84
85.000	0.00	0.01	0.932	O	|	|	|	4.84
85.083	0.00	0.01	0.932	O	|	|	|	4.84
85.167	0.00	0.01	0.932	O	|	|	|	4.84
85.250	0.00	0.01	0.932	O	|	|	|	4.84
85.333	0.00	0.01	0.932	O	|	|	|	4.84
85.417	0.00	0.01	0.932	O	|	|	|	4.84
85.500	0.00	0.01	0.932	O	|	|	|	4.84
85.583	0.00	0.01	0.932	O	|	|	|	4.84
85.667	0.00	0.01	0.932	O	|	|	|	4.84
85.750	0.00	0.01	0.932	O	|	|	|	4.84
85.833	0.00	0.01	0.932	O	|	|	|	4.84
85.917	0.00	0.01	0.932	O	|	|	|	4.84
86.000	0.00	0.01	0.932	O	|	|	|	4.84
86.083	0.00	0.01	0.931	O	|	|	|	4.84
86.167	0.00	0.01	0.931	O	|	|	|	4.84
86.250	0.00	0.01	0.931	O	|	|	|	4.84
86.333	0.00	0.01	0.931	O	|	|	|	4.84
86.417	0.00	0.01	0.931	O	|	|	|	4.84
86.500	0.00	0.01	0.931	O	|	|	|	4.83
86.583	0.00	0.01	0.931	O	|	|	|	4.83
86.667	0.00	0.01	0.931	O	|	|	|	4.83
86.750	0.00	0.01	0.931	O	|	|	|	4.83
86.833	0.00	0.01	0.931	O	|	|	|	4.83
86.917	0.00	0.01	0.931	O	|	|	|	4.83
87.000	0.00	0.01	0.931	O	|	|	|	4.83
87.083	0.00	0.01	0.931	O	|	|	|	4.83
87.167	0.00	0.01	0.931	O	|	|	|	4.83
87.250	0.00	0.01	0.931	O	|	|	|	4.83
87.333	0.00	0.01	0.930	O	|	|	|	4.83
87.417	0.00	0.01	0.930	O	|	|	|	4.83
87.500	0.00	0.01	0.930	O	|	|	|	4.83
87.583	0.00	0.01	0.930	O	|	|	|	4.83
87.667	0.00	0.01	0.930	O	|	|	|	4.83
87.750	0.00	0.01	0.930	O	|	|	|	4.83
87.833	0.00	0.01	0.930	O	|	|	|	4.83
87.917	0.00	0.01	0.930	O	|	|	|	4.83
88.000	0.00	0.01	0.930	O	|	|	|	4.83
88.083	0.00	0.01	0.930	O	|	|	|	4.83
88.167	0.00	0.01	0.930	O	|	|	|	4.83
88.250	0.00	0.01	0.930	O	|	|	|	4.83
88.333	0.00	0.01	0.930	O	|	|	|	4.83
88.417	0.00	0.01	0.930	O	|	|	|	4.83

88.500	0.00	0.01	0.929	O					4.83
88.583	0.00	0.01	0.929	O					4.83
88.667	0.00	0.01	0.929	O					4.83
88.750	0.00	0.01	0.929	O					4.83
88.833	0.00	0.01	0.929	O					4.82
88.917	0.00	0.01	0.929	O					4.82
89.000	0.00	0.01	0.929	O					4.82
89.083	0.00	0.01	0.929	O					4.82
89.167	0.00	0.01	0.929	O					4.82
89.250	0.00	0.01	0.929	O					4.82
89.333	0.00	0.01	0.929	O					4.82
89.417	0.00	0.01	0.929	O					4.82
89.500	0.00	0.01	0.929	O					4.82
89.583	0.00	0.01	0.929	O					4.82
89.667	0.00	0.01	0.929	O					4.82
89.750	0.00	0.01	0.928	O					4.82
89.833	0.00	0.01	0.928	O					4.82
89.917	0.00	0.01	0.928	O					4.82
90.000	0.00	0.01	0.928	O					4.82
90.083	0.00	0.01	0.928	O					4.82
90.167	0.00	0.01	0.928	O					4.82
90.250	0.00	0.01	0.928	O					4.82
90.333	0.00	0.01	0.928	O					4.82
90.417	0.00	0.01	0.928	O					4.82
90.500	0.00	0.01	0.928	O					4.82
90.583	0.00	0.01	0.928	O					4.82
90.667	0.00	0.01	0.928	O					4.82
90.750	0.00	0.01	0.928	O					4.82
90.833	0.00	0.01	0.928	O					4.82
90.917	0.00	0.01	0.927	O					4.82
91.000	0.00	0.01	0.927	O					4.82
91.083	0.00	0.01	0.927	O					4.82
91.167	0.00	0.01	0.927	O					4.81
91.250	0.00	0.01	0.927	O					4.81
91.333	0.00	0.01	0.927	O					4.81
91.417	0.00	0.01	0.927	O					4.81
91.500	0.00	0.01	0.927	O					4.81
91.583	0.00	0.01	0.927	O					4.81
91.667	0.00	0.01	0.927	O					4.81
91.750	0.00	0.01	0.927	O					4.81
91.833	0.00	0.01	0.927	O					4.81
91.917	0.00	0.01	0.927	O					4.81
92.000	0.00	0.01	0.927	O					4.81
92.083	0.00	0.01	0.927	O					4.81
92.167	0.00	0.01	0.926	O					4.81
92.250	0.00	0.01	0.926	O					4.81
92.333	0.00	0.01	0.926	O					4.81
92.417	0.00	0.01	0.926	O					4.81
92.500	0.00	0.01	0.926	O					4.81
92.583	0.00	0.01	0.926	O					4.81
92.667	0.00	0.01	0.926	O					4.81
92.750	0.00	0.01	0.926	O					4.81
92.833	0.00	0.01	0.926	O					4.81
92.917	0.00	0.01	0.926	O					4.81
93.000	0.00	0.01	0.926	O					4.81
93.083	0.00	0.01	0.926	O					4.81
93.167	0.00	0.01	0.926	O					4.81

93.250	0.00	0.01	0.926	O				4.81
93.333	0.00	0.01	0.925	O				4.81
93.417	0.00	0.01	0.925	O				4.81
93.500	0.00	0.01	0.925	O				4.80
93.583	0.00	0.01	0.925	O				4.80
93.667	0.00	0.01	0.925	O				4.80
93.750	0.00	0.01	0.925	O				4.80
93.833	0.00	0.01	0.925	O				4.80
93.917	0.00	0.01	0.925	O				4.80
94.000	0.00	0.01	0.925	O				4.80
94.083	0.00	0.01	0.925	O				4.80
94.167	0.00	0.01	0.925	O				4.80
94.250	0.00	0.01	0.925	O				4.80
94.333	0.00	0.01	0.925	O				4.80
94.417	0.00	0.01	0.925	O				4.80
94.500	0.00	0.01	0.925	O				4.80
94.583	0.00	0.01	0.924	O				4.80
94.667	0.00	0.01	0.924	O				4.80
94.750	0.00	0.01	0.924	O				4.80
94.833	0.00	0.01	0.924	O				4.80
94.917	0.00	0.01	0.924	O				4.80
95.000	0.00	0.01	0.924	O				4.80
95.083	0.00	0.01	0.924	O				4.80
95.167	0.00	0.01	0.924	O				4.80
95.250	0.00	0.01	0.924	O				4.80
95.333	0.00	0.01	0.924	O				4.80
95.417	0.00	0.01	0.924	O				4.80
95.500	0.00	0.01	0.924	O				4.80
95.583	0.00	0.01	0.924	O				4.80
95.667	0.00	0.01	0.924	O				4.80
95.750	0.00	0.01	0.923	O				4.80
95.833	0.00	0.01	0.923	O				4.79
95.917	0.00	0.01	0.923	O				4.79
96.000	0.00	0.01	0.923	O				4.79
96.083	0.00	0.01	0.923	O				4.79
96.167	0.00	0.01	0.923	O				4.79
96.250	0.00	0.01	0.923	O				4.79
96.333	0.00	0.01	0.923	O				4.79
96.417	0.00	0.01	0.923	O				4.79
96.500	0.00	0.01	0.923	O				4.79
96.583	0.00	0.01	0.923	O				4.79
96.667	0.00	0.01	0.923	O				4.79
96.750	0.00	0.01	0.923	O				4.79
96.833	0.00	0.01	0.923	O				4.79
96.917	0.00	0.01	0.923	O				4.79
97.000	0.00	0.01	0.922	O				4.79
97.083	0.00	0.01	0.922	O				4.79
97.167	0.00	0.01	0.922	O				4.79
97.250	0.00	0.01	0.922	O				4.79
97.333	0.00	0.01	0.922	O				4.79
97.417	0.00	0.01	0.922	O				4.79
97.500	0.00	0.01	0.922	O				4.79
97.583	0.00	0.01	0.922	O				4.79
97.667	0.00	0.01	0.922	O				4.79
97.750	0.00	0.01	0.922	O				4.79
97.833	0.00	0.01	0.922	O				4.79
97.917	0.00	0.01	0.922	O				4.79

98.000	0.00	0.01	0.922	O	|	|	|	4.79
98.083	0.00	0.01	0.922	O	|	|	|	4.79
98.167	0.00	0.01	0.921	O	|	|	|	4.78
98.250	0.00	0.01	0.921	O	|	|	|	4.78
98.333	0.00	0.01	0.921	O	|	|	|	4.78
98.417	0.00	0.01	0.921	O	|	|	|	4.78
98.500	0.00	0.01	0.921	O	|	|	|	4.78
98.583	0.00	0.01	0.921	O	|	|	|	4.78
98.667	0.00	0.01	0.921	O	|	|	|	4.78
98.750	0.00	0.01	0.921	O	|	|	|	4.78
98.833	0.00	0.01	0.921	O	|	|	|	4.78
98.917	0.00	0.01	0.921	O	|	|	|	4.78
99.000	0.00	0.01	0.921	O	|	|	|	4.78
99.083	0.00	0.01	0.921	O	|	|	|	4.78
99.167	0.00	0.01	0.921	O	|	|	|	4.78
99.250	0.00	0.01	0.921	O	|	|	|	4.78
99.333	0.00	0.01	0.921	O	|	|	|	4.78
99.417	0.00	0.01	0.920	O	|	|	|	4.78
99.500	0.00	0.01	0.920	O	|	|	|	4.78
99.583	0.00	0.01	0.920	O	|	|	|	4.78
99.667	0.00	0.01	0.920	O	|	|	|	4.78
99.750	0.00	0.01	0.920	O	|	|	|	4.78
99.833	0.00	0.01	0.920	O	|	|	|	4.78
99.917	0.00	0.01	0.920	O	|	|	|	4.78
100.000	0.00	0.01	0.920	O	|	|	|	4.78
100.083	0.00	0.01	0.920	O	|	|	|	4.78
100.167	0.00	0.01	0.920	O	|	|	|	4.78
100.250	0.00	0.01	0.920	O	|	|	|	4.78
100.333	0.00	0.01	0.920	O	|	|	|	4.78
100.417	0.00	0.01	0.920	O	|	|	|	4.78
100.500	0.00	0.01	0.920	O	|	|	|	4.77
100.583	0.00	0.01	0.919	O	|	|	|	4.77
100.667	0.00	0.01	0.919	O	|	|	|	4.77
100.750	0.00	0.01	0.919	O	|	|	|	4.77
100.833	0.00	0.01	0.919	O	|	|	|	4.77
100.917	0.00	0.01	0.919	O	|	|	|	4.77
101.000	0.00	0.01	0.919	O	|	|	|	4.77
101.083	0.00	0.01	0.919	O	|	|	|	4.77
101.167	0.00	0.01	0.919	O	|	|	|	4.77
101.250	0.00	0.01	0.919	O	|	|	|	4.77
101.333	0.00	0.01	0.919	O	|	|	|	4.77
101.417	0.00	0.01	0.919	O	|	|	|	4.77
101.500	0.00	0.01	0.919	O	|	|	|	4.77
101.583	0.00	0.01	0.919	O	|	|	|	4.77
101.667	0.00	0.01	0.919	O	|	|	|	4.77
101.750	0.00	0.01	0.919	O	|	|	|	4.77
101.833	0.00	0.01	0.918	O	|	|	|	4.77
101.917	0.00	0.01	0.918	O	|	|	|	4.77
102.000	0.00	0.01	0.918	O	|	|	|	4.77
102.083	0.00	0.01	0.918	O	|	|	|	4.77
102.167	0.00	0.01	0.918	O	|	|	|	4.77
102.250	0.00	0.01	0.918	O	|	|	|	4.77
102.333	0.00	0.01	0.918	O	|	|	|	4.77
102.417	0.00	0.01	0.918	O	|	|	|	4.77
102.500	0.00	0.01	0.918	O	|	|	|	4.77
102.583	0.00	0.01	0.918	O	|	|	|	4.77
102.667	0.00	0.01	0.918	O	|	|	|	4.77

102.750	0.00	0.01	0.918	O					4.77
102.833	0.00	0.01	0.918	O					4.76
102.917	0.00	0.01	0.918	O					4.76
103.000	0.00	0.01	0.917	O					4.76
103.083	0.00	0.01	0.917	O					4.76
103.167	0.00	0.01	0.917	O					4.76
103.250	0.00	0.01	0.917	O					4.76
103.333	0.00	0.01	0.917	O					4.76
103.417	0.00	0.01	0.917	O					4.76
103.500	0.00	0.01	0.917	O					4.76
103.583	0.00	0.01	0.917	O					4.76
103.667	0.00	0.01	0.917	O					4.76
103.750	0.00	0.01	0.917	O					4.76
103.833	0.00	0.01	0.917	O					4.76
103.917	0.00	0.01	0.917	O					4.76
104.000	0.00	0.01	0.917	O					4.76
104.083	0.00	0.01	0.917	O					4.76
104.167	0.00	0.01	0.917	O					4.76
104.250	0.00	0.01	0.916	O					4.76
104.333	0.00	0.01	0.916	O					4.76
104.417	0.00	0.01	0.916	O					4.76
104.500	0.00	0.01	0.916	O					4.76
104.583	0.00	0.01	0.916	O					4.76
104.667	0.00	0.01	0.916	O					4.76
104.750	0.00	0.01	0.916	O					4.76
104.833	0.00	0.01	0.916	O					4.76
104.917	0.00	0.01	0.916	O					4.76
105.000	0.00	0.01	0.916	O					4.76
105.083	0.00	0.01	0.916	O					4.76
105.167	0.00	0.01	0.916	O					4.75
105.250	0.00	0.01	0.916	O					4.75
105.333	0.00	0.01	0.916	O					4.75
105.417	0.00	0.01	0.915	O					4.75
105.500	0.00	0.01	0.915	O					4.75
105.583	0.00	0.01	0.915	O					4.75
105.667	0.00	0.01	0.915	O					4.75
105.750	0.00	0.01	0.915	O					4.75
105.833	0.00	0.01	0.915	O					4.75
105.917	0.00	0.01	0.915	O					4.75
106.000	0.00	0.01	0.915	O					4.75
106.083	0.00	0.01	0.915	O					4.75
106.167	0.00	0.01	0.915	O					4.75
106.250	0.00	0.01	0.915	O					4.75
106.333	0.00	0.01	0.915	O					4.75
106.417	0.00	0.01	0.915	O					4.75
106.500	0.00	0.01	0.915	O					4.75
106.583	0.00	0.01	0.915	O					4.75
106.667	0.00	0.01	0.914	O					4.75
106.750	0.00	0.01	0.914	O					4.75
106.833	0.00	0.01	0.914	O					4.75
106.917	0.00	0.01	0.914	O					4.75
107.000	0.00	0.01	0.914	O					4.75
107.083	0.00	0.01	0.914	O					4.75
107.167	0.00	0.01	0.914	O					4.75
107.250	0.00	0.01	0.914	O					4.75
107.333	0.00	0.01	0.914	O					4.75
107.417	0.00	0.01	0.914	O					4.75

107.500	0.00	0.01	0.914	O	|	|	|	|	4.74
107.583	0.00	0.01	0.914	O	|	|	|	|	4.74
107.667	0.00	0.01	0.914	O	|	|	|	|	4.74
107.750	0.00	0.01	0.914	O	|	|	|	|	4.74
107.833	0.00	0.01	0.913	O	|	|	|	|	4.74
107.917	0.00	0.01	0.913	O	|	|	|	|	4.74
108.000	0.00	0.01	0.913	O	|	|	|	|	4.74
108.083	0.00	0.01	0.913	O	|	|	|	|	4.74
108.167	0.00	0.01	0.913	O	|	|	|	|	4.74
108.250	0.00	0.01	0.913	O	|	|	|	|	4.74
108.333	0.00	0.01	0.913	O	|	|	|	|	4.74
108.417	0.00	0.01	0.913	O	|	|	|	|	4.74
108.500	0.00	0.01	0.913	O	|	|	|	|	4.74
108.583	0.00	0.01	0.913	O	|	|	|	|	4.74
108.667	0.00	0.01	0.913	O	|	|	|	|	4.74
108.750	0.00	0.01	0.913	O	|	|	|	|	4.74
108.833	0.00	0.01	0.913	O	|	|	|	|	4.74
108.917	0.00	0.01	0.913	O	|	|	|	|	4.74
109.000	0.00	0.01	0.913	O	|	|	|	|	4.74
109.083	0.00	0.01	0.912	O	|	|	|	|	4.74
109.167	0.00	0.01	0.912	O	|	|	|	|	4.74
109.250	0.00	0.01	0.912	O	|	|	|	|	4.74
109.333	0.00	0.01	0.912	O	|	|	|	|	4.74
109.417	0.00	0.01	0.912	O	|	|	|	|	4.74
109.500	0.00	0.01	0.912	O	|	|	|	|	4.74
109.583	0.00	0.01	0.912	O	|	|	|	|	4.74
109.667	0.00	0.01	0.912	O	|	|	|	|	4.74
109.750	0.00	0.01	0.912	O	|	|	|	|	4.74
109.833	0.00	0.01	0.912	O	|	|	|	|	4.73
109.917	0.00	0.01	0.912	O	|	|	|	|	4.73
110.000	0.00	0.01	0.912	O	|	|	|	|	4.73
110.083	0.00	0.01	0.912	O	|	|	|	|	4.73
110.167	0.00	0.01	0.912	O	|	|	|	|	4.73
110.250	0.00	0.01	0.911	O	|	|	|	|	4.73
110.333	0.00	0.01	0.911	O	|	|	|	|	4.73
110.417	0.00	0.01	0.911	O	|	|	|	|	4.73
110.500	0.00	0.01	0.911	O	|	|	|	|	4.73
110.583	0.00	0.01	0.911	O	|	|	|	|	4.73
110.667	0.00	0.01	0.911	O	|	|	|	|	4.73
110.750	0.00	0.01	0.911	O	|	|	|	|	4.73
110.833	0.00	0.01	0.911	O	|	|	|	|	4.73
110.917	0.00	0.01	0.911	O	|	|	|	|	4.73
111.000	0.00	0.01	0.911	O	|	|	|	|	4.73
111.083	0.00	0.01	0.911	O	|	|	|	|	4.73
111.167	0.00	0.01	0.911	O	|	|	|	|	4.73
111.250	0.00	0.01	0.911	O	|	|	|	|	4.73
111.333	0.00	0.01	0.911	O	|	|	|	|	4.73
111.417	0.00	0.01	0.911	O	|	|	|	|	4.73
111.500	0.00	0.01	0.910	O	|	|	|	|	4.73
111.583	0.00	0.01	0.910	O	|	|	|	|	4.73
111.667	0.00	0.01	0.910	O	|	|	|	|	4.73
111.750	0.00	0.01	0.910	O	|	|	|	|	4.73
111.833	0.00	0.01	0.910	O	|	|	|	|	4.73
111.917	0.00	0.01	0.910	O	|	|	|	|	4.73
112.000	0.00	0.01	0.910	O	|	|	|	|	4.73
112.083	0.00	0.01	0.910	O	|	|	|	|	4.73
112.167	0.00	0.01	0.910	O	|	|	|	|	4.72

112.250	0.00	0.01	0.910	O	|	|	|	4.72
112.333	0.00	0.01	0.910	O	|	|	|	4.72
112.417	0.00	0.01	0.910	O	|	|	|	4.72
112.500	0.00	0.01	0.910	O	|	|	|	4.72
112.583	0.00	0.01	0.910	O	|	|	|	4.72
112.667	0.00	0.01	0.909	O	|	|	|	4.72
112.750	0.00	0.01	0.909	O	|	|	|	4.72
112.833	0.00	0.01	0.909	O	|	|	|	4.72
112.917	0.00	0.01	0.909	O	|	|	|	4.72
113.000	0.00	0.01	0.909	O	|	|	|	4.72
113.083	0.00	0.01	0.909	O	|	|	|	4.72
113.167	0.00	0.01	0.909	O	|	|	|	4.72
113.250	0.00	0.01	0.909	O	|	|	|	4.72
113.333	0.00	0.01	0.909	O	|	|	|	4.72
113.417	0.00	0.01	0.909	O	|	|	|	4.72
113.500	0.00	0.01	0.909	O	|	|	|	4.72
113.583	0.00	0.01	0.909	O	|	|	|	4.72
113.667	0.00	0.01	0.909	O	|	|	|	4.72
113.750	0.00	0.01	0.909	O	|	|	|	4.72
113.833	0.00	0.01	0.909	O	|	|	|	4.72
113.917	0.00	0.01	0.908	O	|	|	|	4.72
114.000	0.00	0.01	0.908	O	|	|	|	4.72
114.083	0.00	0.01	0.908	O	|	|	|	4.72
114.167	0.00	0.01	0.908	O	|	|	|	4.72
114.250	0.00	0.01	0.908	O	|	|	|	4.72
114.333	0.00	0.01	0.908	O	|	|	|	4.72
114.417	0.00	0.01	0.908	O	|	|	|	4.72
114.500	0.00	0.01	0.908	O	|	|	|	4.71
114.583	0.00	0.01	0.908	O	|	|	|	4.71
114.667	0.00	0.01	0.908	O	|	|	|	4.71
114.750	0.00	0.01	0.908	O	|	|	|	4.71
114.833	0.00	0.01	0.908	O	|	|	|	4.71
114.917	0.00	0.01	0.908	O	|	|	|	4.71
115.000	0.00	0.01	0.908	O	|	|	|	4.71
115.083	0.00	0.01	0.907	O	|	|	|	4.71
115.167	0.00	0.01	0.907	O	|	|	|	4.71
115.250	0.00	0.01	0.907	O	|	|	|	4.71
115.333	0.00	0.01	0.907	O	|	|	|	4.71
115.417	0.00	0.01	0.907	O	|	|	|	4.71
115.500	0.00	0.01	0.907	O	|	|	|	4.71
115.583	0.00	0.01	0.907	O	|	|	|	4.71
115.667	0.00	0.01	0.907	O	|	|	|	4.71
115.750	0.00	0.01	0.907	O	|	|	|	4.71
115.833	0.00	0.01	0.907	O	|	|	|	4.71
115.917	0.00	0.01	0.907	O	|	|	|	4.71
116.000	0.00	0.01	0.907	O	|	|	|	4.71
116.083	0.00	0.01	0.907	O	|	|	|	4.71
116.167	0.00	0.01	0.907	O	|	|	|	4.71
116.250	0.00	0.01	0.907	O	|	|	|	4.71
116.333	0.00	0.01	0.906	O	|	|	|	4.71
116.417	0.00	0.01	0.906	O	|	|	|	4.71
116.500	0.00	0.01	0.906	O	|	|	|	4.71
116.583	0.00	0.01	0.906	O	|	|	|	4.71
116.667	0.00	0.01	0.906	O	|	|	|	4.71
116.750	0.00	0.01	0.906	O	|	|	|	4.71
116.833	0.00	0.01	0.906	O	|	|	|	4.70
116.917	0.00	0.01	0.906	O	|	|	|	4.70

117.000	0.00	0.01	0.906	O					4.70
117.083	0.00	0.01	0.906	O					4.70
117.167	0.00	0.01	0.906	O					4.70
117.250	0.00	0.01	0.906	O					4.70
117.333	0.00	0.01	0.906	O					4.70
117.417	0.00	0.01	0.906	O					4.70
117.500	0.00	0.01	0.906	O					4.70
117.583	0.00	0.01	0.905	O					4.70
117.667	0.00	0.01	0.905	O					4.70
117.750	0.00	0.01	0.905	O					4.70
117.833	0.00	0.01	0.905	O					4.70
117.917	0.00	0.01	0.905	O					4.70
118.000	0.00	0.01	0.905	O					4.70
118.083	0.00	0.01	0.905	O					4.70
118.167	0.00	0.01	0.905	O					4.70
118.250	0.00	0.01	0.905	O					4.70
118.333	0.00	0.01	0.905	O					4.70
118.417	0.00	0.01	0.905	O					4.70
118.500	0.00	0.01	0.905	O					4.70
118.583	0.00	0.01	0.905	O					4.70
118.667	0.00	0.01	0.905	O					4.70
118.750	0.00	0.01	0.904	O					4.70
118.833	0.00	0.01	0.904	O					4.70
118.917	0.00	0.01	0.904	O					4.70
119.000	0.00	0.01	0.904	O					4.70
119.083	0.00	0.01	0.904	O					4.70
119.167	0.00	0.01	0.904	O					4.69
119.250	0.00	0.01	0.904	O					4.69
119.333	0.00	0.01	0.904	O					4.69
119.417	0.00	0.01	0.904	O					4.69
119.500	0.00	0.01	0.904	O					4.69
119.583	0.00	0.01	0.904	O					4.69
119.667	0.00	0.01	0.904	O					4.69
119.750	0.00	0.01	0.904	O					4.69
119.833	0.00	0.01	0.904	O					4.69
119.917	0.00	0.01	0.904	O					4.69
120.000	0.00	0.01	0.903	O					4.69
120.083	0.00	0.01	0.903	O					4.69
120.167	0.00	0.01	0.903	O					4.69
120.250	0.00	0.01	0.903	O					4.69
120.333	0.00	0.01	0.903	O					4.69
120.417	0.00	0.01	0.903	O					4.69
120.500	0.00	0.01	0.903	O					4.69
120.583	0.00	0.01	0.903	O					4.69
120.667	0.00	0.01	0.903	O					4.69
120.750	0.00	0.01	0.903	O					4.69
120.833	0.00	0.01	0.903	O					4.69
120.917	0.00	0.01	0.903	O					4.69
121.000	0.00	0.01	0.903	O					4.69
121.083	0.00	0.01	0.903	O					4.69
121.167	0.00	0.01	0.902	O					4.69
121.250	0.00	0.01	0.902	O					4.69
121.333	0.00	0.01	0.902	O					4.69
121.417	0.00	0.01	0.902	O					4.69
121.500	0.00	0.01	0.902	O					4.68
121.583	0.00	0.01	0.902	O					4.68
121.667	0.00	0.01	0.902	O					4.68

121.750	0.00	0.01	0.902	O	|	|	|	4.68
121.833	0.00	0.01	0.902	O	|	|	|	4.68
121.917	0.00	0.01	0.902	O	|	|	|	4.68
122.000	0.00	0.01	0.902	O	|	|	|	4.68
122.083	0.00	0.01	0.902	O	|	|	|	4.68
122.167	0.00	0.01	0.902	O	|	|	|	4.68
122.250	0.00	0.01	0.902	O	|	|	|	4.68
122.333	0.00	0.01	0.902	O	|	|	|	4.68
122.417	0.00	0.01	0.901	O	|	|	|	4.68
122.500	0.00	0.01	0.901	O	|	|	|	4.68
122.583	0.00	0.01	0.901	O	|	|	|	4.68
122.667	0.00	0.01	0.901	O	|	|	|	4.68
122.750	0.00	0.01	0.901	O	|	|	|	4.68
122.833	0.00	0.01	0.901	O	|	|	|	4.68
122.917	0.00	0.01	0.901	O	|	|	|	4.68
123.000	0.00	0.01	0.901	O	|	|	|	4.68
123.083	0.00	0.01	0.901	O	|	|	|	4.68
123.167	0.00	0.01	0.901	O	|	|	|	4.68
123.250	0.00	0.01	0.901	O	|	|	|	4.68
123.333	0.00	0.01	0.901	O	|	|	|	4.68
123.417	0.00	0.01	0.901	O	|	|	|	4.68
123.500	0.00	0.01	0.901	O	|	|	|	4.68
123.583	0.00	0.01	0.900	O	|	|	|	4.68
123.667	0.00	0.01	0.900	O	|	|	|	4.68
123.750	0.00	0.01	0.900	O	|	|	|	4.68
123.833	0.00	0.01	0.900	O	|	|	|	4.67
123.917	0.00	0.01	0.900	O	|	|	|	4.67
124.000	0.00	0.01	0.900	O	|	|	|	4.67
124.083	0.00	0.01	0.900	O	|	|	|	4.67
124.167	0.00	0.01	0.900	O	|	|	|	4.67
124.250	0.00	0.01	0.900	O	|	|	|	4.67
124.333	0.00	0.01	0.900	O	|	|	|	4.67
124.417	0.00	0.01	0.900	O	|	|	|	4.67
124.500	0.00	0.01	0.900	O	|	|	|	4.67
124.583	0.00	0.01	0.900	O	|	|	|	4.67
124.667	0.00	0.01	0.900	O	|	|	|	4.67
124.750	0.00	0.01	0.900	O	|	|	|	4.67
124.833	0.00	0.01	0.899	O	|	|	|	4.67
124.917	0.00	0.01	0.899	O	|	|	|	4.67
125.000	0.00	0.01	0.899	O	|	|	|	4.67
125.083	0.00	0.01	0.899	O	|	|	|	4.67
125.167	0.00	0.01	0.899	O	|	|	|	4.67
125.250	0.00	0.01	0.899	O	|	|	|	4.67
125.333	0.00	0.01	0.899	O	|	|	|	4.67
125.417	0.00	0.01	0.899	O	|	|	|	4.67
125.500	0.00	0.01	0.899	O	|	|	|	4.67
125.583	0.00	0.01	0.899	O	|	|	|	4.67
125.667	0.00	0.01	0.899	O	|	|	|	4.67
125.750	0.00	0.01	0.899	O	|	|	|	4.67
125.833	0.00	0.01	0.899	O	|	|	|	4.67
125.917	0.00	0.01	0.899	O	|	|	|	4.67
126.000	0.00	0.01	0.898	O	|	|	|	4.67
126.083	0.00	0.01	0.898	O	|	|	|	4.67
126.167	0.00	0.01	0.898	O	|	|	|	4.66
126.250	0.00	0.01	0.898	O	|	|	|	4.66
126.333	0.00	0.01	0.898	O	|	|	|	4.66
126.417	0.00	0.01	0.898	O	|	|	|	4.66

126.500	0.00	0.01	0.898	O	|	|	|	4.66
126.583	0.00	0.01	0.898	O	|	|	|	4.66
126.667	0.00	0.01	0.898	O	|	|	|	4.66
126.750	0.00	0.01	0.898	O	|	|	|	4.66
126.833	0.00	0.01	0.898	O	|	|	|	4.66
126.917	0.00	0.01	0.898	O	|	|	|	4.66
127.000	0.00	0.01	0.898	O	|	|	|	4.66
127.083	0.00	0.01	0.898	O	|	|	|	4.66
127.167	0.00	0.01	0.898	O	|	|	|	4.66
127.250	0.00	0.01	0.897	O	|	|	|	4.66
127.333	0.00	0.01	0.897	O	|	|	|	4.66
127.417	0.00	0.01	0.897	O	|	|	|	4.66
127.500	0.00	0.01	0.897	O	|	|	|	4.66
127.583	0.00	0.01	0.897	O	|	|	|	4.66
127.667	0.00	0.01	0.897	O	|	|	|	4.66
127.750	0.00	0.01	0.897	O	|	|	|	4.66
127.833	0.00	0.01	0.897	O	|	|	|	4.66
127.917	0.00	0.01	0.897	O	|	|	|	4.66
128.000	0.00	0.01	0.897	O	|	|	|	4.66
128.083	0.00	0.01	0.897	O	|	|	|	4.66
128.167	0.00	0.01	0.897	O	|	|	|	4.66
128.250	0.00	0.01	0.897	O	|	|	|	4.66
128.333	0.00	0.01	0.897	O	|	|	|	4.66
128.417	0.00	0.01	0.896	O	|	|	|	4.66
128.500	0.00	0.01	0.896	O	|	|	|	4.65
128.583	0.00	0.01	0.896	O	|	|	|	4.65
128.667	0.00	0.01	0.896	O	|	|	|	4.65
128.750	0.00	0.01	0.896	O	|	|	|	4.65
128.833	0.00	0.01	0.896	O	|	|	|	4.65
128.917	0.00	0.01	0.896	O	|	|	|	4.65
129.000	0.00	0.01	0.896	O	|	|	|	4.65
129.083	0.00	0.01	0.896	O	|	|	|	4.65
129.167	0.00	0.01	0.896	O	|	|	|	4.65
129.250	0.00	0.01	0.896	O	|	|	|	4.65
129.333	0.00	0.01	0.896	O	|	|	|	4.65
129.417	0.00	0.01	0.896	O	|	|	|	4.65
129.500	0.00	0.01	0.896	O	|	|	|	4.65
129.583	0.00	0.01	0.896	O	|	|	|	4.65
129.667	0.00	0.01	0.895	O	|	|	|	4.65
129.750	0.00	0.01	0.895	O	|	|	|	4.65
129.833	0.00	0.01	0.895	O	|	|	|	4.65
129.917	0.00	0.01	0.895	O	|	|	|	4.65
130.000	0.00	0.01	0.895	O	|	|	|	4.65
130.083	0.00	0.01	0.895	O	|	|	|	4.65
130.167	0.00	0.01	0.895	O	|	|	|	4.65
130.250	0.00	0.01	0.895	O	|	|	|	4.65
130.333	0.00	0.01	0.895	O	|	|	|	4.65
130.417	0.00	0.01	0.895	O	|	|	|	4.65
130.500	0.00	0.01	0.895	O	|	|	|	4.65
130.583	0.00	0.01	0.895	O	|	|	|	4.65
130.667	0.00	0.01	0.895	O	|	|	|	4.65
130.750	0.00	0.01	0.895	O	|	|	|	4.65
130.833	0.00	0.01	0.894	O	|	|	|	4.64
130.917	0.00	0.01	0.894	O	|	|	|	4.64
131.000	0.00	0.01	0.894	O	|	|	|	4.64
131.083	0.00	0.01	0.894	O	|	|	|	4.64
131.167	0.00	0.01	0.894	O	|	|	|	4.64

131.250	0.00	0.01	0.894	O	|	|	|	4.64
131.333	0.00	0.01	0.894	O	|	|	|	4.64
131.417	0.00	0.01	0.894	O	|	|	|	4.64
131.500	0.00	0.01	0.894	O	|	|	|	4.64
131.583	0.00	0.01	0.894	O	|	|	|	4.64
131.667	0.00	0.01	0.894	O	|	|	|	4.64
131.750	0.00	0.01	0.894	O	|	|	|	4.64
131.833	0.00	0.01	0.894	O	|	|	|	4.64
131.917	0.00	0.01	0.894	O	|	|	|	4.64
132.000	0.00	0.01	0.894	O	|	|	|	4.64
132.083	0.00	0.01	0.893	O	|	|	|	4.64
132.167	0.00	0.01	0.893	O	|	|	|	4.64
132.250	0.00	0.01	0.893	O	|	|	|	4.64
132.333	0.00	0.01	0.893	O	|	|	|	4.64
132.417	0.00	0.01	0.893	O	|	|	|	4.64
132.500	0.00	0.01	0.893	O	|	|	|	4.64
132.583	0.00	0.01	0.893	O	|	|	|	4.64
132.667	0.00	0.01	0.893	O	|	|	|	4.64
132.750	0.00	0.01	0.893	O	|	|	|	4.64
132.833	0.00	0.01	0.893	O	|	|	|	4.64
132.917	0.00	0.01	0.893	O	|	|	|	4.64
133.000	0.00	0.01	0.893	O	|	|	|	4.64
133.083	0.00	0.01	0.893	O	|	|	|	4.64
133.167	0.00	0.01	0.893	O	|	|	|	4.63
133.250	0.00	0.01	0.892	O	|	|	|	4.63
133.333	0.00	0.01	0.892	O	|	|	|	4.63
133.417	0.00	0.01	0.892	O	|	|	|	4.63
133.500	0.00	0.01	0.892	O	|	|	|	4.63
133.583	0.00	0.01	0.892	O	|	|	|	4.63
133.667	0.00	0.01	0.892	O	|	|	|	4.63
133.750	0.00	0.01	0.892	O	|	|	|	4.63
133.833	0.00	0.01	0.892	O	|	|	|	4.63
133.917	0.00	0.01	0.892	O	|	|	|	4.63
134.000	0.00	0.01	0.892	O	|	|	|	4.63
134.083	0.00	0.01	0.892	O	|	|	|	4.63
134.167	0.00	0.01	0.892	O	|	|	|	4.63
134.250	0.00	0.01	0.892	O	|	|	|	4.63
134.333	0.00	0.01	0.892	O	|	|	|	4.63
134.417	0.00	0.01	0.892	O	|	|	|	4.63
134.500	0.00	0.01	0.891	O	|	|	|	4.63
134.583	0.00	0.01	0.891	O	|	|	|	4.63
134.667	0.00	0.01	0.891	O	|	|	|	4.63
134.750	0.00	0.01	0.891	O	|	|	|	4.63
134.833	0.00	0.01	0.891	O	|	|	|	4.63
134.917	0.00	0.01	0.891	O	|	|	|	4.63
135.000	0.00	0.01	0.891	O	|	|	|	4.63
135.083	0.00	0.01	0.891	O	|	|	|	4.63
135.167	0.00	0.01	0.891	O	|	|	|	4.63
135.250	0.00	0.01	0.891	O	|	|	|	4.63
135.333	0.00	0.01	0.891	O	|	|	|	4.63
135.417	0.00	0.01	0.891	O	|	|	|	4.63
135.500	0.00	0.01	0.891	O	|	|	|	4.63
135.583	0.00	0.01	0.891	O	|	|	|	4.62
135.667	0.00	0.01	0.890	O	|	|	|	4.62
135.750	0.00	0.01	0.890	O	|	|	|	4.62
135.833	0.00	0.01	0.890	O	|	|	|	4.62
135.917	0.00	0.01	0.890	O	|	|	|	4.62

136.000	0.00	0.01	0.890	O	|	|	|	4.62
136.083	0.00	0.01	0.890	O	|	|	|	4.62
136.167	0.00	0.01	0.890	O	|	|	|	4.62
136.250	0.00	0.01	0.890	O	|	|	|	4.62
136.333	0.00	0.01	0.890	O	|	|	|	4.62
136.417	0.00	0.01	0.890	O	|	|	|	4.62
136.500	0.00	0.01	0.890	O	|	|	|	4.62
136.583	0.00	0.01	0.890	O	|	|	|	4.62
136.667	0.00	0.01	0.890	O	|	|	|	4.62
136.750	0.00	0.01	0.890	O	|	|	|	4.62
136.833	0.00	0.01	0.890	O	|	|	|	4.62
136.917	0.00	0.01	0.889	O	|	|	|	4.62
137.000	0.00	0.01	0.889	O	|	|	|	4.62
137.083	0.00	0.01	0.889	O	|	|	|	4.62
137.167	0.00	0.01	0.889	O	|	|	|	4.62
137.250	0.00	0.01	0.889	O	|	|	|	4.62
137.333	0.00	0.01	0.889	O	|	|	|	4.62
137.417	0.00	0.01	0.889	O	|	|	|	4.62
137.500	0.00	0.01	0.889	O	|	|	|	4.62
137.583	0.00	0.01	0.889	O	|	|	|	4.62
137.667	0.00	0.01	0.889	O	|	|	|	4.62
137.750	0.00	0.01	0.889	O	|	|	|	4.62
137.833	0.00	0.01	0.889	O	|	|	|	4.62
137.917	0.00	0.01	0.889	O	|	|	|	4.61
138.000	0.00	0.01	0.889	O	|	|	|	4.61
138.083	0.00	0.01	0.888	O	|	|	|	4.61
138.167	0.00	0.01	0.888	O	|	|	|	4.61
138.250	0.00	0.01	0.888	O	|	|	|	4.61
138.333	0.00	0.01	0.888	O	|	|	|	4.61
138.417	0.00	0.01	0.888	O	|	|	|	4.61
138.500	0.00	0.01	0.888	O	|	|	|	4.61
138.583	0.00	0.01	0.888	O	|	|	|	4.61
138.667	0.00	0.01	0.888	O	|	|	|	4.61
138.750	0.00	0.01	0.888	O	|	|	|	4.61
138.833	0.00	0.01	0.888	O	|	|	|	4.61
138.917	0.00	0.01	0.888	O	|	|	|	4.61
139.000	0.00	0.01	0.888	O	|	|	|	4.61
139.083	0.00	0.01	0.888	O	|	|	|	4.61
139.167	0.00	0.01	0.888	O	|	|	|	4.61
139.250	0.00	0.01	0.888	O	|	|	|	4.61
139.333	0.00	0.01	0.887	O	|	|	|	4.61
139.417	0.00	0.01	0.887	O	|	|	|	4.61
139.500	0.00	0.01	0.887	O	|	|	|	4.61
139.583	0.00	0.01	0.887	O	|	|	|	4.61
139.667	0.00	0.01	0.887	O	|	|	|	4.61
139.750	0.00	0.01	0.887	O	|	|	|	4.61
139.833	0.00	0.01	0.887	O	|	|	|	4.61
139.917	0.00	0.01	0.887	O	|	|	|	4.61
140.000	0.00	0.01	0.887	O	|	|	|	4.61
140.083	0.00	0.01	0.887	O	|	|	|	4.61
140.167	0.00	0.01	0.887	O	|	|	|	4.61
140.250	0.00	0.01	0.887	O	|	|	|	4.60
140.333	0.00	0.01	0.887	O	|	|	|	4.60
140.417	0.00	0.01	0.887	O	|	|	|	4.60
140.500	0.00	0.01	0.886	O	|	|	|	4.60
140.583	0.00	0.01	0.886	O	|	|	|	4.60
140.667	0.00	0.01	0.886	O	|	|	|	4.60

140.750	0.00	0.01	0.886	O				4.60
140.833	0.00	0.01	0.886	O				4.60
140.917	0.00	0.01	0.886	O				4.60
141.000	0.00	0.01	0.886	O				4.60
141.083	0.00	0.01	0.886	O				4.60
141.167	0.00	0.01	0.886	O				4.60
141.250	0.00	0.01	0.886	O				4.60
141.333	0.00	0.01	0.886	O				4.60
141.417	0.00	0.01	0.886	O				4.60
141.500	0.00	0.01	0.886	O				4.60
141.583	0.00	0.01	0.886	O				4.60
141.667	0.00	0.01	0.886	O				4.60
141.750	0.00	0.01	0.885	O				4.60
141.833	0.00	0.01	0.885	O				4.60
141.917	0.00	0.01	0.885	O				4.60
142.000	0.00	0.01	0.885	O				4.60
142.083	0.00	0.01	0.885	O				4.60
142.167	0.00	0.01	0.885	O				4.60
142.250	0.00	0.01	0.885	O				4.60
142.333	0.00	0.01	0.885	O				4.60
142.417	0.00	0.01	0.885	O				4.60
142.500	0.00	0.01	0.885	O				4.60
142.583	0.00	0.01	0.885	O				4.59
142.667	0.00	0.01	0.885	O				4.59
142.750	0.00	0.01	0.885	O				4.59
142.833	0.00	0.01	0.885	O				4.59
142.917	0.00	0.01	0.884	O				4.59
143.000	0.00	0.01	0.884	O				4.59
143.083	0.00	0.01	0.884	O				4.59
143.167	0.00	0.01	0.884	O				4.59
143.250	0.00	0.01	0.884	O				4.59
143.333	0.00	0.01	0.884	O				4.59
143.417	0.00	0.01	0.884	O				4.59
143.500	0.00	0.01	0.884	O				4.59
143.583	0.00	0.01	0.884	O				4.59
143.667	0.00	0.01	0.884	O				4.59
143.750	0.00	0.01	0.884	O				4.59
143.833	0.00	0.01	0.884	O				4.59
143.917	0.00	0.01	0.884	O				4.59
144.000	0.00	0.01	0.884	O				4.59
144.083	0.00	0.01	0.884	O				4.59
144.167	0.00	0.01	0.883	O				4.59
144.250	0.00	0.01	0.883	O				4.59
144.333	0.00	0.01	0.883	O				4.59
144.417	0.00	0.01	0.883	O				4.59
144.500	0.00	0.01	0.883	O				4.59
144.583	0.00	0.01	0.883	O				4.59
144.667	0.00	0.01	0.883	O				4.59
144.750	0.00	0.01	0.883	O				4.59
144.833	0.00	0.01	0.883	O				4.59
144.917	0.00	0.01	0.883	O				4.58
145.000	0.00	0.01	0.883	O				4.58
145.083	0.00	0.01	0.883	O				4.58
145.167	0.00	0.01	0.883	O				4.58
145.250	0.00	0.01	0.883	O				4.58
145.333	0.00	0.01	0.882	O				4.58
145.417	0.00	0.01	0.882	O				4.58

145.500	0.00	0.01	0.882	O					4.58
145.583	0.00	0.01	0.882	O					4.58
145.667	0.00	0.01	0.882	O					4.58
145.750	0.00	0.01	0.882	O					4.58
145.833	0.00	0.01	0.882	O					4.58
145.917	0.00	0.01	0.882	O					4.58
146.000	0.00	0.01	0.882	O					4.58
146.083	0.00	0.01	0.882	O					4.58
146.167	0.00	0.01	0.882	O					4.58
146.250	0.00	0.01	0.882	O					4.58
146.333	0.00	0.01	0.882	O					4.58
146.417	0.00	0.01	0.882	O					4.58
146.500	0.00	0.01	0.882	O					4.58
146.583	0.00	0.01	0.881	O					4.58
146.667	0.00	0.01	0.881	O					4.58
146.750	0.00	0.01	0.881	O					4.58
146.833	0.00	0.01	0.881	O					4.58
146.917	0.00	0.01	0.881	O					4.58
147.000	0.00	0.01	0.881	O					4.58
147.083	0.00	0.01	0.881	O					4.58
147.167	0.00	0.01	0.881	O					4.58
147.250	0.00	0.01	0.881	O					4.57
147.333	0.00	0.01	0.881	O					4.57
147.417	0.00	0.01	0.881	O					4.57
147.500	0.00	0.01	0.881	O					4.57
147.583	0.00	0.01	0.881	O					4.57
147.667	0.00	0.01	0.881	O					4.57
147.750	0.00	0.01	0.881	O					4.57
147.833	0.00	0.01	0.880	O					4.57
147.917	0.00	0.01	0.880	O					4.57
148.000	0.00	0.01	0.880	O					4.57
148.083	0.00	0.01	0.880	O					4.57
148.167	0.00	0.01	0.880	O					4.57
148.250	0.00	0.01	0.880	O					4.57
148.333	0.00	0.01	0.880	O					4.57
148.417	0.00	0.01	0.880	O					4.57
148.500	0.00	0.01	0.880	O					4.57
148.583	0.00	0.01	0.880	O					4.57
148.667	0.00	0.01	0.880	O					4.57
148.750	0.00	0.01	0.880	O					4.57
148.833	0.00	0.01	0.880	O					4.57
148.917	0.00	0.01	0.880	O					4.57
149.000	0.00	0.01	0.879	O					4.57
149.083	0.00	0.01	0.879	O					4.57
149.167	0.00	0.01	0.879	O					4.57
149.250	0.00	0.01	0.879	O					4.57
149.333	0.00	0.01	0.879	O					4.57
149.417	0.00	0.01	0.879	O					4.57
149.500	0.00	0.01	0.879	O					4.57
149.583	0.00	0.01	0.879	O					4.56
149.667	0.00	0.01	0.879	O					4.56
149.750	0.00	0.01	0.879	O					4.56
149.833	0.00	0.01	0.879	O					4.56
149.917	0.00	0.01	0.879	O					4.56
150.000	0.00	0.01	0.879	O					4.56
150.083	0.00	0.01	0.879	O					4.56
150.167	0.00	0.01	0.879	O					4.56

150.250	0.00	0.01	0.878	O	|	|	|	4.56
150.333	0.00	0.01	0.878	O	|	|	|	4.56
150.417	0.00	0.01	0.878	O	|	|	|	4.56
150.500	0.00	0.01	0.878	O	|	|	|	4.56
150.583	0.00	0.01	0.878	O	|	|	|	4.56
150.667	0.00	0.01	0.878	O	|	|	|	4.56
150.750	0.00	0.01	0.878	O	|	|	|	4.56
150.833	0.00	0.01	0.878	O	|	|	|	4.56
150.917	0.00	0.01	0.878	O	|	|	|	4.56
151.000	0.00	0.01	0.878	O	|	|	|	4.56
151.083	0.00	0.01	0.878	O	|	|	|	4.56
151.167	0.00	0.01	0.878	O	|	|	|	4.56
151.250	0.00	0.01	0.878	O	|	|	|	4.56
151.333	0.00	0.01	0.878	O	|	|	|	4.56
151.417	0.00	0.01	0.877	O	|	|	|	4.56
151.500	0.00	0.01	0.877	O	|	|	|	4.56
151.583	0.00	0.01	0.877	O	|	|	|	4.56
151.667	0.00	0.01	0.877	O	|	|	|	4.56
151.750	0.00	0.01	0.877	O	|	|	|	4.56
151.833	0.00	0.01	0.877	O	|	|	|	4.56
151.917	0.00	0.01	0.877	O	|	|	|	4.55
152.000	0.00	0.01	0.877	O	|	|	|	4.55
152.083	0.00	0.01	0.877	O	|	|	|	4.55
152.167	0.00	0.01	0.877	O	|	|	|	4.55
152.250	0.00	0.01	0.877	O	|	|	|	4.55
152.333	0.00	0.01	0.877	O	|	|	|	4.55
152.417	0.00	0.01	0.877	O	|	|	|	4.55
152.500	0.00	0.01	0.877	O	|	|	|	4.55
152.583	0.00	0.01	0.877	O	|	|	|	4.55
152.667	0.00	0.01	0.876	O	|	|	|	4.55
152.750	0.00	0.01	0.876	O	|	|	|	4.55
152.833	0.00	0.01	0.876	O	|	|	|	4.55
152.917	0.00	0.01	0.876	O	|	|	|	4.55
153.000	0.00	0.01	0.876	O	|	|	|	4.55
153.083	0.00	0.01	0.876	O	|	|	|	4.55
153.167	0.00	0.01	0.876	O	|	|	|	4.55
153.250	0.00	0.01	0.876	O	|	|	|	4.55
153.333	0.00	0.01	0.876	O	|	|	|	4.55
153.417	0.00	0.01	0.876	O	|	|	|	4.55
153.500	0.00	0.01	0.876	O	|	|	|	4.55
153.583	0.00	0.01	0.876	O	|	|	|	4.55
153.667	0.00	0.01	0.876	O	|	|	|	4.55
153.750	0.00	0.01	0.876	O	|	|	|	4.55
153.833	0.00	0.01	0.875	O	|	|	|	4.55
153.917	0.00	0.01	0.875	O	|	|	|	4.55
154.000	0.00	0.01	0.875	O	|	|	|	4.55
154.083	0.00	0.01	0.875	O	|	|	|	4.55
154.167	0.00	0.01	0.875	O	|	|	|	4.55
154.250	0.00	0.01	0.875	O	|	|	|	4.54
154.333	0.00	0.01	0.875	O	|	|	|	4.54
154.417	0.00	0.01	0.875	O	|	|	|	4.54
154.500	0.00	0.01	0.875	O	|	|	|	4.54
154.583	0.00	0.01	0.875	O	|	|	|	4.54
154.667	0.00	0.01	0.875	O	|	|	|	4.54
154.750	0.00	0.01	0.875	O	|	|	|	4.54
154.833	0.00	0.01	0.875	O	|	|	|	4.54
154.917	0.00	0.01	0.875	O	|	|	|	4.54

155.000	0.00	0.01	0.875	O	|	|	|	4.54
155.083	0.00	0.01	0.874	O	|	|	|	4.54
155.167	0.00	0.01	0.874	O	|	|	|	4.54
155.250	0.00	0.01	0.874	O	|	|	|	4.54
155.333	0.00	0.01	0.874	O	|	|	|	4.54
155.417	0.00	0.01	0.874	O	|	|	|	4.54
155.500	0.00	0.01	0.874	O	|	|	|	4.54
155.583	0.00	0.01	0.874	O	|	|	|	4.54
155.667	0.00	0.01	0.874	O	|	|	|	4.54
155.750	0.00	0.01	0.874	O	|	|	|	4.54
155.833	0.00	0.01	0.874	O	|	|	|	4.54
155.917	0.00	0.01	0.874	O	|	|	|	4.54
156.000	0.00	0.01	0.874	O	|	|	|	4.54
156.083	0.00	0.01	0.874	O	|	|	|	4.54
156.167	0.00	0.01	0.874	O	|	|	|	4.54
156.250	0.00	0.01	0.873	O	|	|	|	4.54
156.333	0.00	0.01	0.873	O	|	|	|	4.54
156.417	0.00	0.01	0.873	O	|	|	|	4.54
156.500	0.00	0.01	0.873	O	|	|	|	4.54
156.583	0.00	0.01	0.873	O	|	|	|	4.53
156.667	0.00	0.01	0.873	O	|	|	|	4.53
156.750	0.00	0.01	0.873	O	|	|	|	4.53
156.833	0.00	0.01	0.873	O	|	|	|	4.53
156.917	0.00	0.01	0.873	O	|	|	|	4.53
157.000	0.00	0.01	0.873	O	|	|	|	4.53
157.083	0.00	0.01	0.873	O	|	|	|	4.53
157.167	0.00	0.01	0.873	O	|	|	|	4.53
157.250	0.00	0.01	0.873	O	|	|	|	4.53
157.333	0.00	0.01	0.873	O	|	|	|	4.53
157.417	0.00	0.01	0.873	O	|	|	|	4.53
157.500	0.00	0.01	0.872	O	|	|	|	4.53
157.583	0.00	0.01	0.872	O	|	|	|	4.53
157.667	0.00	0.01	0.872	O	|	|	|	4.53
157.750	0.00	0.01	0.872	O	|	|	|	4.53
157.833	0.00	0.01	0.872	O	|	|	|	4.53
157.917	0.00	0.01	0.872	O	|	|	|	4.53
158.000	0.00	0.01	0.872	O	|	|	|	4.53
158.083	0.00	0.01	0.872	O	|	|	|	4.53
158.167	0.00	0.01	0.872	O	|	|	|	4.53
158.250	0.00	0.01	0.872	O	|	|	|	4.53
158.333	0.00	0.01	0.872	O	|	|	|	4.53
158.417	0.00	0.01	0.872	O	|	|	|	4.53
158.500	0.00	0.01	0.872	O	|	|	|	4.53
158.583	0.00	0.01	0.872	O	|	|	|	4.53
158.667	0.00	0.01	0.871	O	|	|	|	4.53
158.750	0.00	0.01	0.871	O	|	|	|	4.53
158.833	0.00	0.01	0.871	O	|	|	|	4.53
158.917	0.00	0.01	0.871	O	|	|	|	4.52
159.000	0.00	0.01	0.871	O	|	|	|	4.52
159.083	0.00	0.01	0.871	O	|	|	|	4.52
159.167	0.00	0.01	0.871	O	|	|	|	4.52
159.250	0.00	0.01	0.871	O	|	|	|	4.52
159.333	0.00	0.01	0.871	O	|	|	|	4.52
159.417	0.00	0.01	0.871	O	|	|	|	4.52
159.500	0.00	0.01	0.871	O	|	|	|	4.52
159.583	0.00	0.01	0.871	O	|	|	|	4.52
159.667	0.00	0.01	0.871	O	|	|	|	4.52

159.750	0.00	0.01	0.871	O	|	|	|	4.52
159.833	0.00	0.01	0.871	O	|	|	|	4.52
159.917	0.00	0.01	0.870	O	|	|	|	4.52
160.000	0.00	0.01	0.870	O	|	|	|	4.52
160.083	0.00	0.01	0.870	O	|	|	|	4.52
160.167	0.00	0.01	0.870	O	|	|	|	4.52
160.250	0.00	0.01	0.870	O	|	|	|	4.52
160.333	0.00	0.01	0.870	O	|	|	|	4.52
160.417	0.00	0.01	0.870	O	|	|	|	4.52
160.500	0.00	0.01	0.870	O	|	|	|	4.52
160.583	0.00	0.01	0.870	O	|	|	|	4.52
160.667	0.00	0.01	0.870	O	|	|	|	4.52
160.750	0.00	0.01	0.870	O	|	|	|	4.52
160.833	0.00	0.01	0.870	O	|	|	|	4.52
160.917	0.00	0.01	0.870	O	|	|	|	4.52
161.000	0.00	0.01	0.870	O	|	|	|	4.52
161.083	0.00	0.01	0.869	O	|	|	|	4.52
161.167	0.00	0.01	0.869	O	|	|	|	4.52
161.250	0.00	0.01	0.869	O	|	|	|	4.51
161.333	0.00	0.01	0.869	O	|	|	|	4.51
161.417	0.00	0.01	0.869	O	|	|	|	4.51
161.500	0.00	0.01	0.869	O	|	|	|	4.51
161.583	0.00	0.01	0.869	O	|	|	|	4.51
161.667	0.00	0.01	0.869	O	|	|	|	4.51
161.750	0.00	0.01	0.869	O	|	|	|	4.51
161.833	0.00	0.01	0.869	O	|	|	|	4.51
161.917	0.00	0.01	0.869	O	|	|	|	4.51
162.000	0.00	0.01	0.869	O	|	|	|	4.51
162.083	0.00	0.01	0.869	O	|	|	|	4.51
162.167	0.00	0.01	0.869	O	|	|	|	4.51
162.250	0.00	0.01	0.869	O	|	|	|	4.51
162.333	0.00	0.01	0.868	O	|	|	|	4.51
162.417	0.00	0.01	0.868	O	|	|	|	4.51
162.500	0.00	0.01	0.868	O	|	|	|	4.51
162.583	0.00	0.01	0.868	O	|	|	|	4.51
162.667	0.00	0.01	0.868	O	|	|	|	4.51
162.750	0.00	0.01	0.868	O	|	|	|	4.51
162.833	0.00	0.01	0.868	O	|	|	|	4.51
162.917	0.00	0.01	0.868	O	|	|	|	4.51
163.000	0.00	0.01	0.868	O	|	|	|	4.51
163.083	0.00	0.01	0.868	O	|	|	|	4.51
163.167	0.00	0.01	0.868	O	|	|	|	4.51
163.250	0.00	0.01	0.868	O	|	|	|	4.51
163.333	0.00	0.01	0.868	O	|	|	|	4.51
163.417	0.00	0.01	0.868	O	|	|	|	4.51
163.500	0.00	0.01	0.867	O	|	|	|	4.51
163.583	0.00	0.01	0.867	O	|	|	|	4.50
163.667	0.00	0.01	0.867	O	|	|	|	4.50
163.750	0.00	0.01	0.867	O	|	|	|	4.50
163.833	0.00	0.01	0.867	O	|	|	|	4.50
163.917	0.00	0.01	0.867	O	|	|	|	4.50
164.000	0.00	0.01	0.867	O	|	|	|	4.50
164.083	0.00	0.01	0.867	O	|	|	|	4.50
164.167	0.00	0.01	0.867	O	|	|	|	4.50
164.250	0.00	0.01	0.867	O	|	|	|	4.50
164.333	0.00	0.01	0.867	O	|	|	|	4.50
164.417	0.00	0.01	0.867	O	|	|	|	4.50

164.500	0.00	0.01	0.867	O	|	|	|	4.50
164.583	0.00	0.01	0.867	O	|	|	|	4.50
164.667	0.00	0.01	0.867	O	|	|	|	4.50
164.750	0.00	0.01	0.866	O	|	|	|	4.50
164.833	0.00	0.01	0.866	O	|	|	|	4.50
164.917	0.00	0.01	0.866	O	|	|	|	4.50
165.000	0.00	0.01	0.866	O	|	|	|	4.50
165.083	0.00	0.01	0.866	O	|	|	|	4.50
165.167	0.00	0.01	0.866	O	|	|	|	4.50
165.250	0.00	0.01	0.866	O	|	|	|	4.50
165.333	0.00	0.01	0.866	O	|	|	|	4.50
165.417	0.00	0.01	0.866	O	|	|	|	4.50
165.500	0.00	0.01	0.866	O	|	|	|	4.50
165.583	0.00	0.01	0.866	O	|	|	|	4.50
165.667	0.00	0.01	0.866	O	|	|	|	4.50
165.750	0.00	0.01	0.866	O	|	|	|	4.50
165.833	0.00	0.01	0.866	O	|	|	|	4.50
165.917	0.00	0.01	0.865	O	|	|	|	4.49
166.000	0.00	0.01	0.865	O	|	|	|	4.49
166.083	0.00	0.01	0.865	O	|	|	|	4.49
166.167	0.00	0.01	0.865	O	|	|	|	4.49
166.250	0.00	0.01	0.865	O	|	|	|	4.49
166.333	0.00	0.01	0.865	O	|	|	|	4.49
166.417	0.00	0.01	0.865	O	|	|	|	4.49
166.500	0.00	0.01	0.865	O	|	|	|	4.49
166.583	0.00	0.01	0.865	O	|	|	|	4.49
166.667	0.00	0.01	0.865	O	|	|	|	4.49
166.750	0.00	0.01	0.865	O	|	|	|	4.49
166.833	0.00	0.01	0.865	O	|	|	|	4.49
166.917	0.00	0.01	0.865	O	|	|	|	4.49
167.000	0.00	0.01	0.865	O	|	|	|	4.49
167.083	0.00	0.01	0.865	O	|	|	|	4.49
167.167	0.00	0.01	0.864	O	|	|	|	4.49
167.250	0.00	0.01	0.864	O	|	|	|	4.49
167.333	0.00	0.01	0.864	O	|	|	|	4.49
167.417	0.00	0.01	0.864	O	|	|	|	4.49
167.500	0.00	0.01	0.864	O	|	|	|	4.49
167.583	0.00	0.01	0.864	O	|	|	|	4.49
167.667	0.00	0.01	0.864	O	|	|	|	4.49
167.750	0.00	0.01	0.864	O	|	|	|	4.49
167.833	0.00	0.01	0.864	O	|	|	|	4.49
167.917	0.00	0.01	0.864	O	|	|	|	4.49
168.000	0.00	0.01	0.864	O	|	|	|	4.49
168.083	0.00	0.01	0.864	O	|	|	|	4.49
168.167	0.00	0.01	0.864	O	|	|	|	4.49
168.250	0.00	0.01	0.864	O	|	|	|	4.48
168.333	0.00	0.01	0.863	O	|	|	|	4.48
168.417	0.00	0.01	0.863	O	|	|	|	4.48
168.500	0.00	0.01	0.863	O	|	|	|	4.48
168.583	0.00	0.01	0.863	O	|	|	|	4.48
168.667	0.00	0.01	0.863	O	|	|	|	4.48
168.750	0.00	0.01	0.863	O	|	|	|	4.48
168.833	0.00	0.01	0.863	O	|	|	|	4.48
168.917	0.00	0.01	0.863	O	|	|	|	4.48
169.000	0.00	0.01	0.863	O	|	|	|	4.48
169.083	0.00	0.01	0.863	O	|	|	|	4.48
169.167	0.00	0.01	0.863	O	|	|	|	4.48

169.250	0.00	0.01	0.863	O					4.48
169.333	0.00	0.01	0.863	O					4.48
169.417	0.00	0.01	0.863	O					4.48
169.500	0.00	0.01	0.863	O					4.48
169.583	0.00	0.01	0.862	O					4.48
169.667	0.00	0.01	0.862	O					4.48
169.750	0.00	0.01	0.862	O					4.48
169.833	0.00	0.01	0.862	O					4.48
169.917	0.00	0.01	0.862	O					4.48
170.000	0.00	0.01	0.862	O					4.48
170.083	0.00	0.01	0.862	O					4.48
170.167	0.00	0.01	0.862	O					4.48
170.250	0.00	0.01	0.862	O					4.48
170.333	0.00	0.01	0.862	O					4.48
170.417	0.00	0.01	0.862	O					4.48
170.500	0.00	0.01	0.862	O					4.48
170.583	0.00	0.01	0.862	O					4.47
170.667	0.00	0.01	0.862	O					4.47
170.750	0.00	0.01	0.861	O					4.47
170.833	0.00	0.01	0.861	O					4.47
170.917	0.00	0.01	0.861	O					4.47
171.000	0.00	0.01	0.861	O					4.47
171.083	0.00	0.01	0.861	O					4.47
171.167	0.00	0.01	0.861	O					4.47
171.250	0.00	0.01	0.861	O					4.47
171.333	0.00	0.01	0.861	O					4.47
171.417	0.00	0.01	0.861	O					4.47
171.500	0.00	0.01	0.861	O					4.47
171.583	0.00	0.01	0.861	O					4.47
171.667	0.00	0.01	0.861	O					4.47
171.750	0.00	0.01	0.861	O					4.47
171.833	0.00	0.01	0.861	O					4.47
171.917	0.00	0.01	0.861	O					4.47
172.000	0.00	0.01	0.860	O					4.47
172.083	0.00	0.01	0.860	O					4.47
172.167	0.00	0.01	0.860	O					4.47
172.250	0.00	0.01	0.860	O					4.47
172.333	0.00	0.01	0.860	O					4.47
172.417	0.00	0.01	0.860	O					4.47
172.500	0.00	0.01	0.860	O					4.47
172.583	0.00	0.01	0.860	O					4.47
172.667	0.00	0.01	0.860	O					4.47
172.750	0.00	0.01	0.860	O					4.47
172.833	0.00	0.01	0.860	O					4.47
172.917	0.00	0.01	0.860	O					4.46
173.000	0.00	0.01	0.860	O					4.46
173.083	0.00	0.01	0.860	O					4.46
173.167	0.00	0.01	0.859	O					4.46
173.250	0.00	0.01	0.859	O					4.46
173.333	0.00	0.01	0.859	O					4.46
173.417	0.00	0.01	0.859	O					4.46
173.500	0.00	0.01	0.859	O					4.46
173.583	0.00	0.01	0.859	O					4.46
173.667	0.00	0.01	0.859	O					4.46
173.750	0.00	0.01	0.859	O					4.46
173.833	0.00	0.01	0.859	O					4.46
173.917	0.00	0.01	0.859	O					4.46

174.000	0.00	0.01	0.859	O	|	|	|	4.46
174.083	0.00	0.01	0.859	O	|	|	|	4.46
174.167	0.00	0.01	0.859	O	|	|	|	4.46
174.250	0.00	0.01	0.859	O	|	|	|	4.46
174.333	0.00	0.01	0.859	O	|	|	|	4.46
174.417	0.00	0.01	0.858	O	|	|	|	4.46
174.500	0.00	0.01	0.858	O	|	|	|	4.46
174.583	0.00	0.01	0.858	O	|	|	|	4.46
174.667	0.00	0.01	0.858	O	|	|	|	4.46
174.750	0.00	0.01	0.858	O	|	|	|	4.46
174.833	0.00	0.01	0.858	O	|	|	|	4.46
174.917	0.00	0.01	0.858	O	|	|	|	4.46
175.000	0.00	0.01	0.858	O	|	|	|	4.46
175.083	0.00	0.01	0.858	O	|	|	|	4.46
175.167	0.00	0.01	0.858	O	|	|	|	4.46
175.250	0.00	0.01	0.858	O	|	|	|	4.45
175.333	0.00	0.01	0.858	O	|	|	|	4.45
175.417	0.00	0.01	0.858	O	|	|	|	4.45
175.500	0.00	0.01	0.858	O	|	|	|	4.45
175.583	0.00	0.01	0.857	O	|	|	|	4.45
175.667	0.00	0.01	0.857	O	|	|	|	4.45
175.750	0.00	0.01	0.857	O	|	|	|	4.45
175.833	0.00	0.01	0.857	O	|	|	|	4.45
175.917	0.00	0.01	0.857	O	|	|	|	4.45
176.000	0.00	0.01	0.857	O	|	|	|	4.45
176.083	0.00	0.01	0.857	O	|	|	|	4.45
176.167	0.00	0.01	0.857	O	|	|	|	4.45
176.250	0.00	0.01	0.857	O	|	|	|	4.45
176.333	0.00	0.01	0.857	O	|	|	|	4.45
176.417	0.00	0.01	0.857	O	|	|	|	4.45
176.500	0.00	0.01	0.857	O	|	|	|	4.45
176.583	0.00	0.01	0.857	O	|	|	|	4.45
176.667	0.00	0.01	0.857	O	|	|	|	4.45
176.750	0.00	0.01	0.857	O	|	|	|	4.45
176.833	0.00	0.01	0.856	O	|	|	|	4.45
176.917	0.00	0.01	0.856	O	|	|	|	4.45
177.000	0.00	0.01	0.856	O	|	|	|	4.45
177.083	0.00	0.01	0.856	O	|	|	|	4.45
177.167	0.00	0.01	0.856	O	|	|	|	4.45
177.250	0.00	0.01	0.856	O	|	|	|	4.45
177.333	0.00	0.01	0.856	O	|	|	|	4.45
177.417	0.00	0.01	0.856	O	|	|	|	4.45
177.500	0.00	0.01	0.856	O	|	|	|	4.45
177.583	0.00	0.01	0.856	O	|	|	|	4.44
177.667	0.00	0.01	0.856	O	|	|	|	4.44
177.750	0.00	0.01	0.856	O	|	|	|	4.44
177.833	0.00	0.01	0.856	O	|	|	|	4.44
177.917	0.00	0.01	0.856	O	|	|	|	4.44
178.000	0.00	0.01	0.856	O	|	|	|	4.44
178.083	0.00	0.01	0.855	O	|	|	|	4.44
178.167	0.00	0.01	0.855	O	|	|	|	4.44
178.250	0.00	0.01	0.855	O	|	|	|	4.44
178.333	0.00	0.01	0.855	O	|	|	|	4.44
178.417	0.00	0.01	0.855	O	|	|	|	4.44
178.500	0.00	0.01	0.855	O	|	|	|	4.44
178.583	0.00	0.01	0.855	O	|	|	|	4.44
178.667	0.00	0.01	0.855	O	|	|	|	4.44

178.750	0.00	0.01	0.855	O	|	|	|	4.44
178.833	0.00	0.01	0.855	O	|	|	|	4.44
178.917	0.00	0.01	0.855	O	|	|	|	4.44
179.000	0.00	0.01	0.855	O	|	|	|	4.44
179.083	0.00	0.01	0.855	O	|	|	|	4.44
179.167	0.00	0.01	0.855	O	|	|	|	4.44
179.250	0.00	0.01	0.854	O	|	|	|	4.44
179.333	0.00	0.01	0.854	O	|	|	|	4.44
179.417	0.00	0.01	0.854	O	|	|	|	4.44
179.500	0.00	0.01	0.854	O	|	|	|	4.44
179.583	0.00	0.01	0.854	O	|	|	|	4.44
179.667	0.00	0.01	0.854	O	|	|	|	4.44
179.750	0.00	0.01	0.854	O	|	|	|	4.44
179.833	0.00	0.01	0.854	O	|	|	|	4.44
179.917	0.00	0.01	0.854	O	|	|	|	4.43
180.000	0.00	0.01	0.854	O	|	|	|	4.43
180.083	0.00	0.01	0.854	O	|	|	|	4.43
180.167	0.00	0.01	0.854	O	|	|	|	4.43
180.250	0.00	0.01	0.854	O	|	|	|	4.43
180.333	0.00	0.01	0.854	O	|	|	|	4.43
180.417	0.00	0.01	0.854	O	|	|	|	4.43
180.500	0.00	0.01	0.853	O	|	|	|	4.43
180.583	0.00	0.01	0.853	O	|	|	|	4.43
180.667	0.00	0.01	0.853	O	|	|	|	4.43
180.750	0.00	0.01	0.853	O	|	|	|	4.43
180.833	0.00	0.01	0.853	O	|	|	|	4.43
180.917	0.00	0.01	0.853	O	|	|	|	4.43
181.000	0.00	0.01	0.853	O	|	|	|	4.43
181.083	0.00	0.01	0.853	O	|	|	|	4.43
181.167	0.00	0.01	0.853	O	|	|	|	4.43
181.250	0.00	0.01	0.853	O	|	|	|	4.43
181.333	0.00	0.01	0.853	O	|	|	|	4.43
181.417	0.00	0.01	0.853	O	|	|	|	4.43
181.500	0.00	0.01	0.853	O	|	|	|	4.43
181.583	0.00	0.01	0.853	O	|	|	|	4.43
181.667	0.00	0.01	0.852	O	|	|	|	4.43
181.750	0.00	0.01	0.852	O	|	|	|	4.43
181.833	0.00	0.01	0.852	O	|	|	|	4.43
181.917	0.00	0.01	0.852	O	|	|	|	4.43
182.000	0.00	0.01	0.852	O	|	|	|	4.43
182.083	0.00	0.01	0.852	O	|	|	|	4.43
182.167	0.00	0.01	0.852	O	|	|	|	4.43
182.250	0.00	0.01	0.852	O	|	|	|	4.42
182.333	0.00	0.01	0.852	O	|	|	|	4.42
182.417	0.00	0.01	0.852	O	|	|	|	4.42
182.500	0.00	0.01	0.852	O	|	|	|	4.42
182.583	0.00	0.01	0.852	O	|	|	|	4.42
182.667	0.00	0.01	0.852	O	|	|	|	4.42
182.750	0.00	0.01	0.852	O	|	|	|	4.42
182.833	0.00	0.01	0.852	O	|	|	|	4.42
182.917	0.00	0.01	0.851	O	|	|	|	4.42
183.000	0.00	0.01	0.851	O	|	|	|	4.42
183.083	0.00	0.01	0.851	O	|	|	|	4.42
183.167	0.00	0.01	0.851	O	|	|	|	4.42
183.250	0.00	0.01	0.851	O	|	|	|	4.42
183.333	0.00	0.01	0.851	O	|	|	|	4.42
183.417	0.00	0.01	0.851	O	|	|	|	4.42

183.500	0.00	0.01	0.851	O					4.42
183.583	0.00	0.01	0.851	O					4.42
183.667	0.00	0.01	0.851	O					4.42
183.750	0.00	0.01	0.851	O					4.42
183.833	0.00	0.01	0.851	O					4.42
183.917	0.00	0.01	0.851	O					4.42
184.000	0.00	0.01	0.851	O					4.42
184.083	0.00	0.01	0.850	O					4.42
184.167	0.00	0.01	0.850	O					4.42
184.250	0.00	0.01	0.850	O					4.42
184.333	0.00	0.01	0.850	O					4.42
184.417	0.00	0.01	0.850	O					4.42
184.500	0.00	0.01	0.850	O					4.42
184.583	0.00	0.01	0.850	O					4.41
184.667	0.00	0.01	0.850	O					4.41
184.750	0.00	0.01	0.850	O					4.41
184.833	0.00	0.01	0.850	O					4.41
184.917	0.00	0.01	0.850	O					4.41
185.000	0.00	0.01	0.850	O					4.41
185.083	0.00	0.01	0.850	O					4.41
185.167	0.00	0.01	0.850	O					4.41
185.250	0.00	0.01	0.850	O					4.41
185.333	0.00	0.01	0.849	O					4.41
185.417	0.00	0.01	0.849	O					4.41
185.500	0.00	0.01	0.849	O					4.41
185.583	0.00	0.01	0.849	O					4.41
185.667	0.00	0.01	0.849	O					4.41
185.750	0.00	0.01	0.849	O					4.41
185.833	0.00	0.01	0.849	O					4.41
185.917	0.00	0.01	0.849	O					4.41
186.000	0.00	0.01	0.849	O					4.41
186.083	0.00	0.01	0.849	O					4.41
186.167	0.00	0.01	0.849	O					4.41
186.250	0.00	0.01	0.849	O					4.41
186.333	0.00	0.01	0.849	O					4.41
186.417	0.00	0.01	0.849	O					4.41
186.500	0.00	0.01	0.848	O					4.41
186.583	0.00	0.01	0.848	O					4.41
186.667	0.00	0.01	0.848	O					4.41
186.750	0.00	0.01	0.848	O					4.41
186.833	0.00	0.01	0.848	O					4.41
186.917	0.00	0.01	0.848	O					4.40
187.000	0.00	0.01	0.848	O					4.40
187.083	0.00	0.01	0.848	O					4.40
187.167	0.00	0.01	0.848	O					4.40
187.250	0.00	0.01	0.848	O					4.40
187.333	0.00	0.01	0.848	O					4.40
187.417	0.00	0.01	0.848	O					4.40
187.500	0.00	0.01	0.848	O					4.40
187.583	0.00	0.01	0.848	O					4.40
187.667	0.00	0.01	0.848	O					4.40
187.750	0.00	0.01	0.847	O					4.40
187.833	0.00	0.01	0.847	O					4.40
187.917	0.00	0.01	0.847	O					4.40
188.000	0.00	0.01	0.847	O					4.40
188.083	0.00	0.01	0.847	O					4.40
188.167	0.00	0.01	0.847	O					4.40

188.250	0.00	0.01	0.847	O	|	|	|	4.40
188.333	0.00	0.01	0.847	O	|	|	|	4.40
188.417	0.00	0.01	0.847	O	|	|	|	4.40
188.500	0.00	0.01	0.847	O	|	|	|	4.40
188.583	0.00	0.01	0.847	O	|	|	|	4.40
188.667	0.00	0.01	0.847	O	|	|	|	4.40
188.750	0.00	0.01	0.847	O	|	|	|	4.40
188.833	0.00	0.01	0.847	O	|	|	|	4.40
188.917	0.00	0.01	0.846	O	|	|	|	4.40
189.000	0.00	0.01	0.846	O	|	|	|	4.40
189.083	0.00	0.01	0.846	O	|	|	|	4.40
189.167	0.00	0.01	0.846	O	|	|	|	4.40
189.250	0.00	0.01	0.846	O	|	|	|	4.39
189.333	0.00	0.01	0.846	O	|	|	|	4.39
189.417	0.00	0.01	0.846	O	|	|	|	4.39
189.500	0.00	0.01	0.846	O	|	|	|	4.39
189.583	0.00	0.01	0.846	O	|	|	|	4.39
189.667	0.00	0.01	0.846	O	|	|	|	4.39
189.750	0.00	0.01	0.846	O	|	|	|	4.39
189.833	0.00	0.01	0.846	O	|	|	|	4.39
189.917	0.00	0.01	0.846	O	|	|	|	4.39
190.000	0.00	0.01	0.846	O	|	|	|	4.39
190.083	0.00	0.01	0.846	O	|	|	|	4.39
190.167	0.00	0.01	0.845	O	|	|	|	4.39
190.250	0.00	0.01	0.845	O	|	|	|	4.39
190.333	0.00	0.01	0.845	O	|	|	|	4.39
190.417	0.00	0.01	0.845	O	|	|	|	4.39
190.500	0.00	0.01	0.845	O	|	|	|	4.39
190.583	0.00	0.01	0.845	O	|	|	|	4.39
190.667	0.00	0.01	0.845	O	|	|	|	4.39
190.750	0.00	0.01	0.845	O	|	|	|	4.39
190.833	0.00	0.01	0.845	O	|	|	|	4.39
190.917	0.00	0.01	0.845	O	|	|	|	4.39
191.000	0.00	0.01	0.845	O	|	|	|	4.39
191.083	0.00	0.01	0.845	O	|	|	|	4.39
191.167	0.00	0.01	0.845	O	|	|	|	4.39
191.250	0.00	0.01	0.845	O	|	|	|	4.39
191.333	0.00	0.01	0.844	O	|	|	|	4.39
191.417	0.00	0.01	0.844	O	|	|	|	4.39
191.500	0.00	0.01	0.844	O	|	|	|	4.39
191.583	0.00	0.01	0.844	O	|	|	|	4.38
191.667	0.00	0.01	0.844	O	|	|	|	4.38
191.750	0.00	0.01	0.844	O	|	|	|	4.38
191.833	0.00	0.01	0.844	O	|	|	|	4.38
191.917	0.00	0.01	0.844	O	|	|	|	4.38
192.000	0.00	0.01	0.844	O	|	|	|	4.38
192.083	0.00	0.01	0.844	O	|	|	|	4.38
192.167	0.00	0.01	0.844	O	|	|	|	4.38
192.250	0.00	0.01	0.844	O	|	|	|	4.38
192.333	0.00	0.01	0.844	O	|	|	|	4.38
192.417	0.00	0.01	0.844	O	|	|	|	4.38
192.500	0.00	0.01	0.844	O	|	|	|	4.38
192.583	0.00	0.01	0.843	O	|	|	|	4.38
192.667	0.00	0.01	0.843	O	|	|	|	4.38
192.750	0.00	0.01	0.843	O	|	|	|	4.38
192.833	0.00	0.01	0.843	O	|	|	|	4.38
192.917	0.00	0.01	0.843	O	|	|	|	4.38

193.000	0.00	0.01	0.843	O					4.38
193.083	0.00	0.01	0.843	O					4.38
193.167	0.00	0.01	0.843	O					4.38
193.250	0.00	0.01	0.843	O					4.38
193.333	0.00	0.01	0.843	O					4.38
193.417	0.00	0.01	0.843	O					4.38
193.500	0.00	0.01	0.843	O					4.38
193.583	0.00	0.01	0.843	O					4.38
193.667	0.00	0.01	0.843	O					4.38
193.750	0.00	0.01	0.842	O					4.38
193.833	0.00	0.01	0.842	O					4.38
193.917	0.00	0.01	0.842	O					4.37
194.000	0.00	0.01	0.842	O					4.37
194.083	0.00	0.01	0.842	O					4.37
194.167	0.00	0.01	0.842	O					4.37
194.250	0.00	0.01	0.842	O					4.37
194.333	0.00	0.01	0.842	O					4.37
194.417	0.00	0.01	0.842	O					4.37
194.500	0.00	0.01	0.842	O					4.37
194.583	0.00	0.01	0.842	O					4.37
194.667	0.00	0.01	0.842	O					4.37
194.750	0.00	0.01	0.842	O					4.37
194.833	0.00	0.01	0.842	O					4.37
194.917	0.00	0.01	0.842	O					4.37
195.000	0.00	0.01	0.841	O					4.37
195.083	0.00	0.01	0.841	O					4.37
195.167	0.00	0.01	0.841	O					4.37
195.250	0.00	0.01	0.841	O					4.37
195.333	0.00	0.01	0.841	O					4.37
195.417	0.00	0.01	0.841	O					4.37
195.500	0.00	0.01	0.841	O					4.37
195.583	0.00	0.01	0.841	O					4.37
195.667	0.00	0.01	0.841	O					4.37
195.750	0.00	0.01	0.841	O					4.37
195.833	0.00	0.01	0.841	O					4.37
195.917	0.00	0.01	0.841	O					4.37
196.000	0.00	0.01	0.841	O					4.37
196.083	0.00	0.01	0.841	O					4.37
196.167	0.00	0.01	0.840	O					4.37
196.250	0.00	0.01	0.840	O					4.36
196.333	0.00	0.01	0.840	O					4.36
196.417	0.00	0.01	0.840	O					4.36
196.500	0.00	0.01	0.840	O					4.36
196.583	0.00	0.01	0.840	O					4.36
196.667	0.00	0.01	0.840	O					4.36
196.750	0.00	0.01	0.840	O					4.36
196.833	0.00	0.01	0.840	O					4.36
196.917	0.00	0.01	0.840	O					4.36
197.000	0.00	0.01	0.840	O					4.36
197.083	0.00	0.01	0.840	O					4.36
197.167	0.00	0.01	0.840	O					4.36
197.250	0.00	0.01	0.840	O					4.36
197.333	0.00	0.01	0.840	O					4.36
197.417	0.00	0.01	0.839	O					4.36
197.500	0.00	0.01	0.839	O					4.36
197.583	0.00	0.01	0.839	O					4.36
197.667	0.00	0.01	0.839	O					4.36

197.750	0.00	0.01	0.839	O	|	|	|	|	4.36
197.833	0.00	0.01	0.839	O	|	|	|	|	4.36
197.917	0.00	0.01	0.839	O	|	|	|	|	4.36
198.000	0.00	0.01	0.839	O	|	|	|	|	4.36
198.083	0.00	0.01	0.839	O	|	|	|	|	4.36
198.167	0.00	0.01	0.839	O	|	|	|	|	4.36
198.250	0.00	0.01	0.839	O	|	|	|	|	4.36
198.333	0.00	0.01	0.839	O	|	|	|	|	4.36
198.417	0.00	0.01	0.839	O	|	|	|	|	4.36
198.500	0.00	0.01	0.839	O	|	|	|	|	4.36
198.583	0.00	0.01	0.838	O	|	|	|	|	4.35
198.667	0.00	0.01	0.838	O	|	|	|	|	4.35
198.750	0.00	0.01	0.838	O	|	|	|	|	4.35
198.833	0.00	0.01	0.838	O	|	|	|	|	4.35
198.917	0.00	0.01	0.838	O	|	|	|	|	4.35
199.000	0.00	0.01	0.838	O	|	|	|	|	4.35
199.083	0.00	0.01	0.838	O	|	|	|	|	4.35
199.167	0.00	0.01	0.838	O	|	|	|	|	4.35
199.250	0.00	0.01	0.838	O	|	|	|	|	4.35
199.333	0.00	0.01	0.838	O	|	|	|	|	4.35
199.417	0.00	0.01	0.838	O	|	|	|	|	4.35
199.500	0.00	0.01	0.838	O	|	|	|	|	4.35
199.583	0.00	0.01	0.838	O	|	|	|	|	4.35
199.667	0.00	0.01	0.838	O	|	|	|	|	4.35
199.750	0.00	0.01	0.838	O	|	|	|	|	4.35
199.833	0.00	0.01	0.837	O	|	|	|	|	4.35
199.917	0.00	0.01	0.837	O	|	|	|	|	4.35
200.000	0.00	0.01	0.837	O	|	|	|	|	4.35
200.083	0.00	0.01	0.837	O	|	|	|	|	4.35
200.167	0.00	0.01	0.837	O	|	|	|	|	4.35
200.250	0.00	0.01	0.837	O	|	|	|	|	4.35
200.333	0.00	0.01	0.837	O	|	|	|	|	4.35
200.417	0.00	0.01	0.837	O	|	|	|	|	4.35
200.500	0.00	0.01	0.837	O	|	|	|	|	4.35
200.583	0.00	0.01	0.837	O	|	|	|	|	4.35
200.667	0.00	0.01	0.837	O	|	|	|	|	4.35
200.750	0.00	0.01	0.837	O	|	|	|	|	4.35
200.833	0.00	0.01	0.837	O	|	|	|	|	4.35
200.917	0.00	0.01	0.837	O	|	|	|	|	4.34
201.000	0.00	0.01	0.836	O	|	|	|	|	4.34
201.083	0.00	0.01	0.836	O	|	|	|	|	4.34
201.167	0.00	0.01	0.836	O	|	|	|	|	4.34
201.250	0.00	0.01	0.836	O	|	|	|	|	4.34
201.333	0.00	0.01	0.836	O	|	|	|	|	4.34
201.417	0.00	0.01	0.836	O	|	|	|	|	4.34
201.500	0.00	0.01	0.836	O	|	|	|	|	4.34
201.583	0.00	0.01	0.836	O	|	|	|	|	4.34
201.667	0.00	0.01	0.836	O	|	|	|	|	4.34
201.750	0.00	0.01	0.836	O	|	|	|	|	4.34
201.833	0.00	0.01	0.836	O	|	|	|	|	4.34
201.917	0.00	0.01	0.836	O	|	|	|	|	4.34
202.000	0.00	0.01	0.836	O	|	|	|	|	4.34
202.083	0.00	0.01	0.836	O	|	|	|	|	4.34
202.167	0.00	0.01	0.836	O	|	|	|	|	4.34
202.250	0.00	0.01	0.835	O	|	|	|	|	4.34
202.333	0.00	0.01	0.835	O	|	|	|	|	4.34
202.417	0.00	0.01	0.835	O	|	|	|	|	4.34

202.500	0.00	0.01	0.835	O					4.34
202.583	0.00	0.01	0.835	O					4.34
202.667	0.00	0.01	0.835	O					4.34
202.750	0.00	0.01	0.835	O					4.34
202.833	0.00	0.01	0.835	O					4.34
202.917	0.00	0.01	0.835	O					4.34
203.000	0.00	0.01	0.835	O					4.34
203.083	0.00	0.01	0.835	O					4.34
203.167	0.00	0.01	0.835	O					4.34
203.250	0.00	0.01	0.835	O					4.33
203.333	0.00	0.01	0.835	O					4.33
203.417	0.00	0.01	0.834	O					4.33
203.500	0.00	0.01	0.834	O					4.33
203.583	0.00	0.01	0.834	O					4.33
203.667	0.00	0.01	0.834	O					4.33
203.750	0.00	0.01	0.834	O					4.33
203.833	0.00	0.01	0.834	O					4.33
203.917	0.00	0.01	0.834	O					4.33
204.000	0.00	0.01	0.834	O					4.33
204.083	0.00	0.01	0.834	O					4.33
204.167	0.00	0.01	0.834	O					4.33
204.250	0.00	0.01	0.834	O					4.33
204.333	0.00	0.01	0.834	O					4.33
204.417	0.00	0.01	0.834	O					4.33
204.500	0.00	0.01	0.834	O					4.33
204.583	0.00	0.01	0.834	O					4.33
204.667	0.00	0.01	0.833	O					4.33
204.750	0.00	0.01	0.833	O					4.33
204.833	0.00	0.01	0.833	O					4.33
204.917	0.00	0.01	0.833	O					4.33
205.000	0.00	0.01	0.833	O					4.33
205.083	0.00	0.01	0.833	O					4.33
205.167	0.00	0.01	0.833	O					4.33
205.250	0.00	0.01	0.833	O					4.33
205.333	0.00	0.01	0.833	O					4.33
205.417	0.00	0.01	0.833	O					4.33
205.500	0.00	0.01	0.833	O					4.33
205.583	0.00	0.01	0.833	O					4.32
205.667	0.00	0.01	0.833	O					4.32
205.750	0.00	0.01	0.833	O					4.32
205.833	0.00	0.01	0.832	O					4.32
205.917	0.00	0.01	0.832	O					4.32
206.000	0.00	0.01	0.832	O					4.32
206.083	0.00	0.01	0.832	O					4.32
206.167	0.00	0.01	0.832	O					4.32
206.250	0.00	0.01	0.832	O					4.32
206.333	0.00	0.01	0.832	O					4.32
206.417	0.00	0.01	0.832	O					4.32
206.500	0.00	0.01	0.832	O					4.32
206.583	0.00	0.01	0.832	O					4.32
206.667	0.00	0.01	0.832	O					4.32
206.750	0.00	0.01	0.832	O					4.32
206.833	0.00	0.01	0.832	O					4.32
206.917	0.00	0.01	0.832	O					4.32
207.000	0.00	0.01	0.832	O					4.32
207.083	0.00	0.01	0.831	O					4.32
207.167	0.00	0.01	0.831	O					4.32

207.250	0.00	0.01	0.831	O	|	|	|	|	4.32
207.333	0.00	0.01	0.831	O	|	|	|	|	4.32
207.417	0.00	0.01	0.831	O	|	|	|	|	4.32
207.500	0.00	0.01	0.831	O	|	|	|	|	4.32
207.583	0.00	0.01	0.831	O	|	|	|	|	4.32
207.667	0.00	0.01	0.831	O	|	|	|	|	4.32
207.750	0.00	0.01	0.831	O	|	|	|	|	4.32
207.833	0.00	0.01	0.831	O	|	|	|	|	4.32
207.917	0.00	0.01	0.831	O	|	|	|	|	4.31
208.000	0.00	0.01	0.831	O	|	|	|	|	4.31
208.083	0.00	0.01	0.831	O	|	|	|	|	4.31
208.167	0.00	0.01	0.831	O	|	|	|	|	4.31
208.250	0.00	0.01	0.831	O	|	|	|	|	4.31
208.333	0.00	0.01	0.830	O	|	|	|	|	4.31
208.417	0.00	0.01	0.830	O	|	|	|	|	4.31
208.500	0.00	0.01	0.830	O	|	|	|	|	4.31
208.583	0.00	0.01	0.830	O	|	|	|	|	4.31
208.667	0.00	0.01	0.830	O	|	|	|	|	4.31
208.750	0.00	0.01	0.830	O	|	|	|	|	4.31
208.833	0.00	0.01	0.830	O	|	|	|	|	4.31
208.917	0.00	0.01	0.830	O	|	|	|	|	4.31
209.000	0.00	0.01	0.830	O	|	|	|	|	4.31
209.083	0.00	0.01	0.830	O	|	|	|	|	4.31
209.167	0.00	0.01	0.830	O	|	|	|	|	4.31
209.250	0.00	0.01	0.830	O	|	|	|	|	4.31
209.333	0.00	0.01	0.830	O	|	|	|	|	4.31
209.417	0.00	0.01	0.830	O	|	|	|	|	4.31
209.500	0.00	0.01	0.829	O	|	|	|	|	4.31
209.583	0.00	0.01	0.829	O	|	|	|	|	4.31
209.667	0.00	0.01	0.829	O	|	|	|	|	4.31
209.750	0.00	0.01	0.829	O	|	|	|	|	4.31
209.833	0.00	0.01	0.829	O	|	|	|	|	4.31
209.917	0.00	0.01	0.829	O	|	|	|	|	4.31
210.000	0.00	0.01	0.829	O	|	|	|	|	4.31
210.083	0.00	0.01	0.829	O	|	|	|	|	4.31
210.167	0.00	0.01	0.829	O	|	|	|	|	4.31
210.250	0.00	0.01	0.829	O	|	|	|	|	4.30
210.333	0.00	0.01	0.829	O	|	|	|	|	4.30
210.417	0.00	0.01	0.829	O	|	|	|	|	4.30
210.500	0.00	0.01	0.829	O	|	|	|	|	4.30
210.583	0.00	0.01	0.829	O	|	|	|	|	4.30
210.667	0.00	0.01	0.829	O	|	|	|	|	4.30
210.750	0.00	0.01	0.828	O	|	|	|	|	4.30
210.833	0.00	0.01	0.828	O	|	|	|	|	4.30
210.917	0.00	0.01	0.828	O	|	|	|	|	4.30
211.000	0.00	0.01	0.828	O	|	|	|	|	4.30
211.083	0.00	0.01	0.828	O	|	|	|	|	4.30
211.167	0.00	0.01	0.828	O	|	|	|	|	4.30
211.250	0.00	0.01	0.828	O	|	|	|	|	4.30
211.333	0.00	0.01	0.828	O	|	|	|	|	4.30
211.417	0.00	0.01	0.828	O	|	|	|	|	4.30
211.500	0.00	0.01	0.828	O	|	|	|	|	4.30
211.583	0.00	0.01	0.828	O	|	|	|	|	4.30
211.667	0.00	0.01	0.828	O	|	|	|	|	4.30
211.750	0.00	0.01	0.828	O	|	|	|	|	4.30
211.833	0.00	0.01	0.828	O	|	|	|	|	4.30
211.917	0.00	0.01	0.827	O	|	|	|	|	4.30

212.000	0.00	0.01	0.827	O	|	|	|	4.30
212.083	0.00	0.01	0.827	O	|	|	|	4.30
212.167	0.00	0.01	0.827	O	|	|	|	4.30
212.250	0.00	0.01	0.827	O	|	|	|	4.30
212.333	0.00	0.01	0.827	O	|	|	|	4.30
212.417	0.00	0.01	0.827	O	|	|	|	4.30
212.500	0.00	0.01	0.827	O	|	|	|	4.30
212.583	0.00	0.01	0.827	O	|	|	|	4.29
212.667	0.00	0.01	0.827	O	|	|	|	4.29
212.750	0.00	0.01	0.827	O	|	|	|	4.29
212.833	0.00	0.01	0.827	O	|	|	|	4.29
212.917	0.00	0.01	0.827	O	|	|	|	4.29
213.000	0.00	0.01	0.827	O	|	|	|	4.29
213.083	0.00	0.01	0.827	O	|	|	|	4.29
213.167	0.00	0.01	0.826	O	|	|	|	4.29
213.250	0.00	0.01	0.826	O	|	|	|	4.29
213.333	0.00	0.01	0.826	O	|	|	|	4.29
213.417	0.00	0.01	0.826	O	|	|	|	4.29
213.500	0.00	0.01	0.826	O	|	|	|	4.29
213.583	0.00	0.01	0.826	O	|	|	|	4.29
213.667	0.00	0.01	0.826	O	|	|	|	4.29
213.750	0.00	0.01	0.826	O	|	|	|	4.29
213.833	0.00	0.01	0.826	O	|	|	|	4.29
213.917	0.00	0.01	0.826	O	|	|	|	4.29
214.000	0.00	0.01	0.826	O	|	|	|	4.29
214.083	0.00	0.01	0.826	O	|	|	|	4.29
214.167	0.00	0.01	0.826	O	|	|	|	4.29
214.250	0.00	0.01	0.826	O	|	|	|	4.29
214.333	0.00	0.01	0.825	O	|	|	|	4.29
214.417	0.00	0.01	0.825	O	|	|	|	4.29
214.500	0.00	0.01	0.825	O	|	|	|	4.29
214.583	0.00	0.01	0.825	O	|	|	|	4.29
214.667	0.00	0.01	0.825	O	|	|	|	4.29
214.750	0.00	0.01	0.825	O	|	|	|	4.29
214.833	0.00	0.01	0.825	O	|	|	|	4.29
214.917	0.00	0.01	0.825	O	|	|	|	4.28
215.000	0.00	0.01	0.825	O	|	|	|	4.28
215.083	0.00	0.01	0.825	O	|	|	|	4.28
215.167	0.00	0.01	0.825	O	|	|	|	4.28
215.250	0.00	0.01	0.825	O	|	|	|	4.28
215.333	0.00	0.01	0.825	O	|	|	|	4.28
215.417	0.00	0.01	0.825	O	|	|	|	4.28
215.500	0.00	0.01	0.825	O	|	|	|	4.28
215.583	0.00	0.01	0.824	O	|	|	|	4.28
215.667	0.00	0.01	0.824	O	|	|	|	4.28
215.750	0.00	0.01	0.824	O	|	|	|	4.28
215.833	0.00	0.01	0.824	O	|	|	|	4.28
215.917	0.00	0.01	0.824	O	|	|	|	4.28
216.000	0.00	0.01	0.824	O	|	|	|	4.28
216.083	0.00	0.01	0.824	O	|	|	|	4.28
216.167	0.00	0.01	0.824	O	|	|	|	4.28
216.250	0.00	0.01	0.824	O	|	|	|	4.28
216.333	0.00	0.01	0.824	O	|	|	|	4.28
216.417	0.00	0.01	0.824	O	|	|	|	4.28
216.500	0.00	0.01	0.824	O	|	|	|	4.28
216.583	0.00	0.01	0.824	O	|	|	|	4.28
216.667	0.00	0.01	0.824	O	|	|	|	4.28

216.750	0.00	0.01	0.823	O					4.28
216.833	0.00	0.01	0.823	O					4.28
216.917	0.00	0.01	0.823	O					4.28
217.000	0.00	0.01	0.823	O					4.28
217.083	0.00	0.01	0.823	O					4.28
217.167	0.00	0.01	0.823	O					4.28
217.250	0.00	0.01	0.823	O					4.27
217.333	0.00	0.01	0.823	O					4.27
217.417	0.00	0.01	0.823	O					4.27
217.500	0.00	0.01	0.823	O					4.27
217.583	0.00	0.01	0.823	O					4.27
217.667	0.00	0.01	0.823	O					4.27
217.750	0.00	0.01	0.823	O					4.27
217.833	0.00	0.01	0.823	O					4.27
217.917	0.00	0.01	0.823	O					4.27
218.000	0.00	0.01	0.822	O					4.27
218.083	0.00	0.01	0.822	O					4.27
218.167	0.00	0.01	0.822	O					4.27
218.250	0.00	0.01	0.822	O					4.27
218.333	0.00	0.01	0.822	O					4.27
218.417	0.00	0.01	0.822	O					4.27
218.500	0.00	0.01	0.822	O					4.27
218.583	0.00	0.01	0.822	O					4.27
218.667	0.00	0.01	0.822	O					4.27
218.750	0.00	0.01	0.822	O					4.27
218.833	0.00	0.01	0.822	O					4.27
218.917	0.00	0.01	0.822	O					4.27
219.000	0.00	0.01	0.822	O					4.27
219.083	0.00	0.01	0.822	O					4.27
219.167	0.00	0.01	0.821	O					4.27
219.250	0.00	0.01	0.821	O					4.27
219.333	0.00	0.01	0.821	O					4.27
219.417	0.00	0.01	0.821	O					4.27
219.500	0.00	0.01	0.821	O					4.27
219.583	0.00	0.01	0.821	O					4.26
219.667	0.00	0.01	0.821	O					4.26
219.750	0.00	0.01	0.821	O					4.26
219.833	0.00	0.01	0.821	O					4.26
219.917	0.00	0.01	0.821	O					4.26
220.000	0.00	0.01	0.821	O					4.26
220.083	0.00	0.01	0.821	O					4.26
220.167	0.00	0.01	0.821	O					4.26
220.250	0.00	0.01	0.821	O					4.26
220.333	0.00	0.01	0.821	O					4.26
220.417	0.00	0.01	0.820	O					4.26
220.500	0.00	0.01	0.820	O					4.26
220.583	0.00	0.01	0.820	O					4.26
220.667	0.00	0.01	0.820	O					4.26
220.750	0.00	0.01	0.820	O					4.26
220.833	0.00	0.01	0.820	O					4.26
220.917	0.00	0.01	0.820	O					4.26
221.000	0.00	0.01	0.820	O					4.26
221.083	0.00	0.01	0.820	O					4.26
221.167	0.00	0.01	0.820	O					4.26
221.250	0.00	0.01	0.820	O					4.26
221.333	0.00	0.01	0.820	O					4.26
221.417	0.00	0.01	0.820	O					4.26

221.500	0.00	0.01	0.820	O	|	|	|	|	4.26
221.583	0.00	0.01	0.819	O	|	|	|	|	4.26
221.667	0.00	0.01	0.819	O	|	|	|	|	4.26
221.750	0.00	0.01	0.819	O	|	|	|	|	4.26
221.833	0.00	0.01	0.819	O	|	|	|	|	4.26
221.917	0.00	0.01	0.819	O	|	|	|	|	4.25
222.000	0.00	0.01	0.819	O	|	|	|	|	4.25
222.083	0.00	0.01	0.819	O	|	|	|	|	4.25
222.167	0.00	0.01	0.819	O	|	|	|	|	4.25
222.250	0.00	0.01	0.819	O	|	|	|	|	4.25
222.333	0.00	0.01	0.819	O	|	|	|	|	4.25
222.417	0.00	0.01	0.819	O	|	|	|	|	4.25
222.500	0.00	0.01	0.819	O	|	|	|	|	4.25
222.583	0.00	0.01	0.819	O	|	|	|	|	4.25
222.667	0.00	0.01	0.819	O	|	|	|	|	4.25
222.750	0.00	0.01	0.819	O	|	|	|	|	4.25
222.833	0.00	0.01	0.818	O	|	|	|	|	4.25
222.917	0.00	0.01	0.818	O	|	|	|	|	4.25
223.000	0.00	0.01	0.818	O	|	|	|	|	4.25
223.083	0.00	0.01	0.818	O	|	|	|	|	4.25
223.167	0.00	0.01	0.818	O	|	|	|	|	4.25
223.250	0.00	0.01	0.818	O	|	|	|	|	4.25
223.333	0.00	0.01	0.818	O	|	|	|	|	4.25
223.417	0.00	0.01	0.818	O	|	|	|	|	4.25
223.500	0.00	0.01	0.818	O	|	|	|	|	4.25
223.583	0.00	0.01	0.818	O	|	|	|	|	4.25
223.667	0.00	0.01	0.818	O	|	|	|	|	4.25
223.750	0.00	0.01	0.818	O	|	|	|	|	4.25
223.833	0.00	0.01	0.818	O	|	|	|	|	4.25
223.917	0.00	0.01	0.818	O	|	|	|	|	4.25
224.000	0.00	0.01	0.817	O	|	|	|	|	4.25
224.083	0.00	0.01	0.817	O	|	|	|	|	4.25
224.167	0.00	0.01	0.817	O	|	|	|	|	4.25
224.250	0.00	0.01	0.817	O	|	|	|	|	4.24
224.333	0.00	0.01	0.817	O	|	|	|	|	4.24
224.417	0.00	0.01	0.817	O	|	|	|	|	4.24
224.500	0.00	0.01	0.817	O	|	|	|	|	4.24
224.583	0.00	0.01	0.817	O	|	|	|	|	4.24
224.667	0.00	0.01	0.817	O	|	|	|	|	4.24
224.750	0.00	0.01	0.817	O	|	|	|	|	4.24
224.833	0.00	0.01	0.817	O	|	|	|	|	4.24
224.917	0.00	0.01	0.817	O	|	|	|	|	4.24
225.000	0.00	0.01	0.817	O	|	|	|	|	4.24
225.083	0.00	0.01	0.817	O	|	|	|	|	4.24
225.167	0.00	0.01	0.817	O	|	|	|	|	4.24
225.250	0.00	0.01	0.816	O	|	|	|	|	4.24
225.333	0.00	0.01	0.816	O	|	|	|	|	4.24
225.417	0.00	0.01	0.816	O	|	|	|	|	4.24
225.500	0.00	0.01	0.816	O	|	|	|	|	4.24
225.583	0.00	0.01	0.816	O	|	|	|	|	4.24
225.667	0.00	0.01	0.816	O	|	|	|	|	4.24
225.750	0.00	0.01	0.816	O	|	|	|	|	4.24
225.833	0.00	0.01	0.816	O	|	|	|	|	4.24
225.917	0.00	0.01	0.816	O	|	|	|	|	4.24
226.000	0.00	0.01	0.816	O	|	|	|	|	4.24
226.083	0.00	0.01	0.816	O	|	|	|	|	4.24
226.167	0.00	0.01	0.816	O	|	|	|	|	4.24

226.250	0.00	0.01	0.816	O	|	|	|	|	4.24
226.333	0.00	0.01	0.816	O	|	|	|	|	4.24
226.417	0.00	0.01	0.815	O	|	|	|	|	4.24
226.500	0.00	0.01	0.815	O	|	|	|	|	4.24
226.583	0.00	0.01	0.815	O	|	|	|	|	4.23
226.667	0.00	0.01	0.815	O	|	|	|	|	4.23
226.750	0.00	0.01	0.815	O	|	|	|	|	4.23
226.833	0.00	0.01	0.815	O	|	|	|	|	4.23
226.917	0.00	0.01	0.815	O	|	|	|	|	4.23
227.000	0.00	0.01	0.815	O	|	|	|	|	4.23
227.083	0.00	0.01	0.815	O	|	|	|	|	4.23
227.167	0.00	0.01	0.815	O	|	|	|	|	4.23
227.250	0.00	0.01	0.815	O	|	|	|	|	4.23
227.333	0.00	0.01	0.815	O	|	|	|	|	4.23
227.417	0.00	0.01	0.815	O	|	|	|	|	4.23
227.500	0.00	0.01	0.815	O	|	|	|	|	4.23
227.583	0.00	0.01	0.815	O	|	|	|	|	4.23
227.667	0.00	0.01	0.814	O	|	|	|	|	4.23
227.750	0.00	0.01	0.814	O	|	|	|	|	4.23
227.833	0.00	0.01	0.814	O	|	|	|	|	4.23
227.917	0.00	0.01	0.814	O	|	|	|	|	4.23
228.000	0.00	0.01	0.814	O	|	|	|	|	4.23
228.083	0.00	0.01	0.814	O	|	|	|	|	4.23
228.167	0.00	0.01	0.814	O	|	|	|	|	4.23
228.250	0.00	0.01	0.814	O	|	|	|	|	4.23
228.333	0.00	0.01	0.814	O	|	|	|	|	4.23
228.417	0.00	0.01	0.814	O	|	|	|	|	4.23
228.500	0.00	0.01	0.814	O	|	|	|	|	4.23
228.583	0.00	0.01	0.814	O	|	|	|	|	4.23
228.667	0.00	0.01	0.814	O	|	|	|	|	4.23
228.750	0.00	0.01	0.814	O	|	|	|	|	4.23
228.833	0.00	0.01	0.813	O	|	|	|	|	4.23
228.917	0.00	0.01	0.813	O	|	|	|	|	4.22
229.000	0.00	0.01	0.813	O	|	|	|	|	4.22
229.083	0.00	0.01	0.813	O	|	|	|	|	4.22
229.167	0.00	0.01	0.813	O	|	|	|	|	4.22
229.250	0.00	0.01	0.813	O	|	|	|	|	4.22
229.333	0.00	0.01	0.813	O	|	|	|	|	4.22
229.417	0.00	0.01	0.813	O	|	|	|	|	4.22
229.500	0.00	0.01	0.813	O	|	|	|	|	4.22
229.583	0.00	0.01	0.813	O	|	|	|	|	4.22
229.667	0.00	0.01	0.813	O	|	|	|	|	4.22
229.750	0.00	0.01	0.813	O	|	|	|	|	4.22
229.833	0.00	0.01	0.813	O	|	|	|	|	4.22
229.917	0.00	0.01	0.813	O	|	|	|	|	4.22
230.000	0.00	0.01	0.813	O	|	|	|	|	4.22
230.083	0.00	0.01	0.812	O	|	|	|	|	4.22
230.167	0.00	0.01	0.812	O	|	|	|	|	4.22
230.250	0.00	0.01	0.812	O	|	|	|	|	4.22
230.333	0.00	0.01	0.812	O	|	|	|	|	4.22
230.417	0.00	0.01	0.812	O	|	|	|	|	4.22
230.500	0.00	0.01	0.812	O	|	|	|	|	4.22
230.583	0.00	0.01	0.812	O	|	|	|	|	4.22
230.667	0.00	0.01	0.812	O	|	|	|	|	4.22
230.750	0.00	0.01	0.812	O	|	|	|	|	4.22
230.833	0.00	0.01	0.812	O	|	|	|	|	4.22
230.917	0.00	0.01	0.812	O	|	|	|	|	4.22

231.000	0.00	0.01	0.812	O	|	|	|	4.22
231.083	0.00	0.01	0.812	O	|	|	|	4.22
231.167	0.00	0.01	0.812	O	|	|	|	4.22
231.250	0.00	0.01	0.811	O	|	|	|	4.21
231.333	0.00	0.01	0.811	O	|	|	|	4.21
231.417	0.00	0.01	0.811	O	|	|	|	4.21
231.500	0.00	0.01	0.811	O	|	|	|	4.21
231.583	0.00	0.01	0.811	O	|	|	|	4.21
231.667	0.00	0.01	0.811	O	|	|	|	4.21
231.750	0.00	0.01	0.811	O	|	|	|	4.21
231.833	0.00	0.01	0.811	O	|	|	|	4.21
231.917	0.00	0.01	0.811	O	|	|	|	4.21
232.000	0.00	0.01	0.811	O	|	|	|	4.21
232.083	0.00	0.01	0.811	O	|	|	|	4.21
232.167	0.00	0.01	0.811	O	|	|	|	4.21
232.250	0.00	0.01	0.811	O	|	|	|	4.21
232.333	0.00	0.01	0.811	O	|	|	|	4.21
232.417	0.00	0.01	0.811	O	|	|	|	4.21
232.500	0.00	0.01	0.810	O	|	|	|	4.21
232.583	0.00	0.01	0.810	O	|	|	|	4.21
232.667	0.00	0.01	0.810	O	|	|	|	4.21
232.750	0.00	0.01	0.810	O	|	|	|	4.21
232.833	0.00	0.01	0.810	O	|	|	|	4.21
232.917	0.00	0.01	0.810	O	|	|	|	4.21
233.000	0.00	0.01	0.810	O	|	|	|	4.21
233.083	0.00	0.01	0.810	O	|	|	|	4.21
233.167	0.00	0.01	0.810	O	|	|	|	4.21
233.250	0.00	0.01	0.810	O	|	|	|	4.21
233.333	0.00	0.01	0.810	O	|	|	|	4.21
233.417	0.00	0.01	0.810	O	|	|	|	4.21
233.500	0.00	0.01	0.810	O	|	|	|	4.21
233.583	0.00	0.01	0.810	O	|	|	|	4.21
233.667	0.00	0.01	0.809	O	|	|	|	4.20
233.750	0.00	0.01	0.809	O	|	|	|	4.20
233.833	0.00	0.01	0.809	O	|	|	|	4.20
233.917	0.00	0.01	0.809	O	|	|	|	4.20
234.000	0.00	0.01	0.809	O	|	|	|	4.20
234.083	0.00	0.01	0.809	O	|	|	|	4.20
234.167	0.00	0.01	0.809	O	|	|	|	4.20
234.250	0.00	0.01	0.809	O	|	|	|	4.20
234.333	0.00	0.01	0.809	O	|	|	|	4.20
234.417	0.00	0.01	0.809	O	|	|	|	4.20
234.500	0.00	0.01	0.809	O	|	|	|	4.20
234.583	0.00	0.01	0.809	O	|	|	|	4.20
234.667	0.00	0.01	0.809	O	|	|	|	4.20
234.750	0.00	0.01	0.809	O	|	|	|	4.20
234.833	0.00	0.01	0.809	O	|	|	|	4.20
234.917	0.00	0.01	0.808	O	|	|	|	4.20
235.000	0.00	0.01	0.808	O	|	|	|	4.20
235.083	0.00	0.01	0.808	O	|	|	|	4.20
235.167	0.00	0.01	0.808	O	|	|	|	4.20
235.250	0.00	0.01	0.808	O	|	|	|	4.20
235.333	0.00	0.01	0.808	O	|	|	|	4.20
235.417	0.00	0.01	0.808	O	|	|	|	4.20
235.500	0.00	0.01	0.808	O	|	|	|	4.20
235.583	0.00	0.01	0.808	O	|	|	|	4.20
235.667	0.00	0.01	0.808	O	|	|	|	4.20

235.750	0.00	0.01	0.808	O	|	|	|	|	4.20
235.833	0.00	0.01	0.808	O	|	|	|	|	4.20
235.917	0.00	0.01	0.808	O	|	|	|	|	4.20
236.000	0.00	0.01	0.808	O	|	|	|	|	4.19
236.083	0.00	0.01	0.807	O	|	|	|	|	4.19
236.167	0.00	0.01	0.807	O	|	|	|	|	4.19
236.250	0.00	0.01	0.807	O	|	|	|	|	4.19
236.333	0.00	0.01	0.807	O	|	|	|	|	4.19
236.417	0.00	0.01	0.807	O	|	|	|	|	4.19
236.500	0.00	0.01	0.807	O	|	|	|	|	4.19
236.583	0.00	0.01	0.807	O	|	|	|	|	4.19
236.667	0.00	0.01	0.807	O	|	|	|	|	4.19
236.750	0.00	0.01	0.807	O	|	|	|	|	4.19
236.833	0.00	0.01	0.807	O	|	|	|	|	4.19
236.917	0.00	0.01	0.807	O	|	|	|	|	4.19
237.000	0.00	0.01	0.807	O	|	|	|	|	4.19
237.083	0.00	0.01	0.807	O	|	|	|	|	4.19
237.167	0.00	0.01	0.807	O	|	|	|	|	4.19
237.250	0.00	0.01	0.807	O	|	|	|	|	4.19
237.333	0.00	0.01	0.806	O	|	|	|	|	4.19
237.417	0.00	0.01	0.806	O	|	|	|	|	4.19
237.500	0.00	0.01	0.806	O	|	|	|	|	4.19
237.583	0.00	0.01	0.806	O	|	|	|	|	4.19
237.667	0.00	0.01	0.806	O	|	|	|	|	4.19
237.750	0.00	0.01	0.806	O	|	|	|	|	4.19
237.833	0.00	0.01	0.806	O	|	|	|	|	4.19
237.917	0.00	0.01	0.806	O	|	|	|	|	4.19
238.000	0.00	0.01	0.806	O	|	|	|	|	4.19
238.083	0.00	0.01	0.806	O	|	|	|	|	4.19
238.167	0.00	0.01	0.806	O	|	|	|	|	4.19
238.250	0.00	0.01	0.806	O	|	|	|	|	4.19
238.333	0.00	0.01	0.806	O	|	|	|	|	4.18
238.417	0.00	0.01	0.806	O	|	|	|	|	4.18
238.500	0.00	0.01	0.806	O	|	|	|	|	4.18
238.583	0.00	0.01	0.805	O	|	|	|	|	4.18
238.667	0.00	0.01	0.805	O	|	|	|	|	4.18
238.750	0.00	0.01	0.805	O	|	|	|	|	4.18
238.833	0.00	0.01	0.805	O	|	|	|	|	4.18
238.917	0.00	0.01	0.805	O	|	|	|	|	4.18
239.000	0.00	0.01	0.805	O	|	|	|	|	4.18
239.083	0.00	0.01	0.805	O	|	|	|	|	4.18
239.167	0.00	0.01	0.805	O	|	|	|	|	4.18
239.250	0.00	0.01	0.805	O	|	|	|	|	4.18
239.333	0.00	0.01	0.805	O	|	|	|	|	4.18
239.417	0.00	0.01	0.805	O	|	|	|	|	4.18
239.500	0.00	0.01	0.805	O	|	|	|	|	4.18
239.583	0.00	0.01	0.805	O	|	|	|	|	4.18
239.667	0.00	0.01	0.805	O	|	|	|	|	4.18
239.750	0.00	0.01	0.804	O	|	|	|	|	4.18
239.833	0.00	0.01	0.804	O	|	|	|	|	4.18
239.917	0.00	0.01	0.804	O	|	|	|	|	4.18
240.000	0.00	0.01	0.804	O	|	|	|	|	4.18
240.083	0.00	0.01	0.804	O	|	|	|	|	4.18
240.167	0.00	0.01	0.804	O	|	|	|	|	4.18
240.250	0.00	0.01	0.804	O	|	|	|	|	4.18
240.333	0.00	0.01	0.804	O	|	|	|	|	4.18
240.417	0.00	0.01	0.804	O	|	|	|	|	4.18

240.500	0.00	0.01	0.804	O	|	|	|	|	4.18
240.583	0.00	0.01	0.804	O	|	|	|	|	4.18
240.667	0.00	0.01	0.804	O	|	|	|	|	4.17
240.750	0.00	0.01	0.804	O	|	|	|	|	4.17
240.833	0.00	0.01	0.804	O	|	|	|	|	4.17
240.917	0.00	0.01	0.804	O	|	|	|	|	4.17
241.000	0.00	0.01	0.803	O	|	|	|	|	4.17
241.083	0.00	0.01	0.803	O	|	|	|	|	4.17
241.167	0.00	0.01	0.803	O	|	|	|	|	4.17
241.250	0.00	0.01	0.803	O	|	|	|	|	4.17
241.333	0.00	0.01	0.803	O	|	|	|	|	4.17
241.417	0.00	0.01	0.803	O	|	|	|	|	4.17
241.500	0.00	0.01	0.803	O	|	|	|	|	4.17
241.583	0.00	0.01	0.803	O	|	|	|	|	4.17
241.667	0.00	0.01	0.803	O	|	|	|	|	4.17
241.750	0.00	0.01	0.803	O	|	|	|	|	4.17
241.833	0.00	0.01	0.803	O	|	|	|	|	4.17
241.917	0.00	0.01	0.803	O	|	|	|	|	4.17
242.000	0.00	0.01	0.803	O	|	|	|	|	4.17
242.083	0.00	0.01	0.803	O	|	|	|	|	4.17
242.167	0.00	0.01	0.802	O	|	|	|	|	4.17
242.250	0.00	0.01	0.802	O	|	|	|	|	4.17
242.333	0.00	0.01	0.802	O	|	|	|	|	4.17
242.417	0.00	0.01	0.802	O	|	|	|	|	4.17
242.500	0.00	0.01	0.802	O	|	|	|	|	4.17
242.583	0.00	0.01	0.802	O	|	|	|	|	4.17
242.667	0.00	0.01	0.802	O	|	|	|	|	4.17
242.750	0.00	0.01	0.802	O	|	|	|	|	4.17
242.833	0.00	0.01	0.802	O	|	|	|	|	4.17
242.917	0.00	0.01	0.802	O	|	|	|	|	4.17
243.000	0.00	0.01	0.802	O	|	|	|	|	4.16
243.083	0.00	0.01	0.802	O	|	|	|	|	4.16
243.167	0.00	0.01	0.802	O	|	|	|	|	4.16
243.250	0.00	0.01	0.802	O	|	|	|	|	4.16
243.333	0.00	0.01	0.802	O	|	|	|	|	4.16
243.417	0.00	0.01	0.801	O	|	|	|	|	4.16
243.500	0.00	0.01	0.801	O	|	|	|	|	4.16
243.583	0.00	0.01	0.801	O	|	|	|	|	4.16
243.667	0.00	0.01	0.801	O	|	|	|	|	4.16
243.750	0.00	0.01	0.801	O	|	|	|	|	4.16
243.833	0.00	0.01	0.801	O	|	|	|	|	4.16
243.917	0.00	0.01	0.801	O	|	|	|	|	4.16
244.000	0.00	0.01	0.801	O	|	|	|	|	4.16
244.083	0.00	0.01	0.801	O	|	|	|	|	4.16
244.167	0.00	0.01	0.801	O	|	|	|	|	4.16
244.250	0.00	0.01	0.801	O	|	|	|	|	4.16
244.333	0.00	0.01	0.801	O	|	|	|	|	4.16
244.417	0.00	0.01	0.801	O	|	|	|	|	4.16
244.500	0.00	0.01	0.801	O	|	|	|	|	4.16
244.583	0.00	0.01	0.800	O	|	|	|	|	4.16
244.667	0.00	0.01	0.800	O	|	|	|	|	4.16
244.750	0.00	0.01	0.800	O	|	|	|	|	4.16
244.833	0.00	0.01	0.800	O	|	|	|	|	4.16
244.917	0.00	0.01	0.800	O	|	|	|	|	4.16
245.000	0.00	0.01	0.800	O	|	|	|	|	4.16
245.083	0.00	0.01	0.800	O	|	|	|	|	4.16
245.167	0.00	0.01	0.800	O	|	|	|	|	4.16

245.250	0.00	0.01	0.800	O	|	|	|	|	4.16
245.333	0.00	0.01	0.800	O	|	|	|	|	4.15
245.417	0.00	0.01	0.800	O	|	|	|	|	4.15
245.500	0.00	0.01	0.800	O	|	|	|	|	4.15
245.583	0.00	0.01	0.800	O	|	|	|	|	4.15
245.667	0.00	0.01	0.800	O	|	|	|	|	4.15
245.750	0.00	0.01	0.800	O	|	|	|	|	4.15
245.833	0.00	0.01	0.799	O	|	|	|	|	4.15
245.917	0.00	0.01	0.799	O	|	|	|	|	4.15
246.000	0.00	0.01	0.799	O	|	|	|	|	4.15
246.083	0.00	0.01	0.799	O	|	|	|	|	4.15
246.167	0.00	0.01	0.799	O	|	|	|	|	4.15
246.250	0.00	0.01	0.799	O	|	|	|	|	4.15
246.333	0.00	0.01	0.799	O	|	|	|	|	4.15
246.417	0.00	0.01	0.799	O	|	|	|	|	4.15
246.500	0.00	0.01	0.799	O	|	|	|	|	4.15
246.583	0.00	0.01	0.799	O	|	|	|	|	4.15
246.667	0.00	0.01	0.799	O	|	|	|	|	4.15
246.750	0.00	0.01	0.799	O	|	|	|	|	4.15
246.833	0.00	0.01	0.799	O	|	|	|	|	4.15
246.917	0.00	0.01	0.799	O	|	|	|	|	4.15
247.000	0.00	0.01	0.798	O	|	|	|	|	4.15
247.083	0.00	0.01	0.798	O	|	|	|	|	4.15
247.167	0.00	0.01	0.798	O	|	|	|	|	4.15
247.250	0.00	0.01	0.798	O	|	|	|	|	4.15
247.333	0.00	0.01	0.798	O	|	|	|	|	4.15
247.417	0.00	0.01	0.798	O	|	|	|	|	4.15
247.500	0.00	0.01	0.798	O	|	|	|	|	4.15
247.583	0.00	0.01	0.798	O	|	|	|	|	4.15
247.667	0.00	0.01	0.798	O	|	|	|	|	4.14
247.750	0.00	0.01	0.798	O	|	|	|	|	4.14
247.833	0.00	0.01	0.798	O	|	|	|	|	4.14
247.917	0.00	0.01	0.798	O	|	|	|	|	4.14
248.000	0.00	0.01	0.798	O	|	|	|	|	4.14
248.083	0.00	0.01	0.798	O	|	|	|	|	4.14
248.167	0.00	0.01	0.798	O	|	|	|	|	4.14
248.250	0.00	0.01	0.797	O	|	|	|	|	4.14
248.333	0.00	0.01	0.797	O	|	|	|	|	4.14
248.417	0.00	0.01	0.797	O	|	|	|	|	4.14
248.500	0.00	0.01	0.797	O	|	|	|	|	4.14
248.583	0.00	0.01	0.797	O	|	|	|	|	4.14
248.667	0.00	0.01	0.797	O	|	|	|	|	4.14
248.750	0.00	0.01	0.797	O	|	|	|	|	4.14
248.833	0.00	0.01	0.797	O	|	|	|	|	4.14
248.917	0.00	0.01	0.797	O	|	|	|	|	4.14
249.000	0.00	0.01	0.797	O	|	|	|	|	4.14
249.083	0.00	0.01	0.797	O	|	|	|	|	4.14
249.167	0.00	0.01	0.797	O	|	|	|	|	4.14
249.250	0.00	0.01	0.797	O	|	|	|	|	4.14
249.333	0.00	0.01	0.797	O	|	|	|	|	4.14
249.417	0.00	0.01	0.796	O	|	|	|	|	4.14
249.500	0.00	0.01	0.796	O	|	|	|	|	4.14
249.583	0.00	0.01	0.796	O	|	|	|	|	4.14
249.667	0.00	0.01	0.796	O	|	|	|	|	4.14
249.750	0.00	0.01	0.796	O	|	|	|	|	4.14
249.833	0.00	0.01	0.796	O	|	|	|	|	4.14
249.917	0.00	0.01	0.796	O	|	|	|	|	4.14

250.000	0.00	0.01	0.796	O	|	|	|	|	4.13
250.083	0.00	0.01	0.796	O	|	|	|	|	4.13
250.167	0.00	0.01	0.796	O	|	|	|	|	4.13
250.250	0.00	0.01	0.796	O	|	|	|	|	4.13
250.333	0.00	0.01	0.796	O	|	|	|	|	4.13
250.417	0.00	0.01	0.796	O	|	|	|	|	4.13
250.500	0.00	0.01	0.796	O	|	|	|	|	4.13
250.583	0.00	0.01	0.796	O	|	|	|	|	4.13
250.667	0.00	0.01	0.795	O	|	|	|	|	4.13
250.750	0.00	0.01	0.795	O	|	|	|	|	4.13
250.833	0.00	0.01	0.795	O	|	|	|	|	4.13
250.917	0.00	0.01	0.795	O	|	|	|	|	4.13
251.000	0.00	0.01	0.795	O	|	|	|	|	4.13
251.083	0.00	0.01	0.795	O	|	|	|	|	4.13
251.167	0.00	0.01	0.795	O	|	|	|	|	4.13
251.250	0.00	0.01	0.795	O	|	|	|	|	4.13
251.333	0.00	0.01	0.795	O	|	|	|	|	4.13
251.417	0.00	0.01	0.795	O	|	|	|	|	4.13
251.500	0.00	0.01	0.795	O	|	|	|	|	4.13
251.583	0.00	0.01	0.795	O	|	|	|	|	4.13
251.667	0.00	0.01	0.795	O	|	|	|	|	4.13
251.750	0.00	0.01	0.795	O	|	|	|	|	4.13
251.833	0.00	0.01	0.794	O	|	|	|	|	4.13
251.917	0.00	0.01	0.794	O	|	|	|	|	4.13
252.000	0.00	0.01	0.794	O	|	|	|	|	4.13
252.083	0.00	0.01	0.794	O	|	|	|	|	4.13
252.167	0.00	0.01	0.794	O	|	|	|	|	4.13
252.250	0.00	0.01	0.794	O	|	|	|	|	4.13
252.333	0.00	0.01	0.794	O	|	|	|	|	4.12
252.417	0.00	0.01	0.794	O	|	|	|	|	4.12
252.500	0.00	0.01	0.794	O	|	|	|	|	4.12
252.583	0.00	0.01	0.794	O	|	|	|	|	4.12
252.667	0.00	0.01	0.794	O	|	|	|	|	4.12
252.750	0.00	0.01	0.794	O	|	|	|	|	4.12
252.833	0.00	0.01	0.794	O	|	|	|	|	4.12
252.917	0.00	0.01	0.794	O	|	|	|	|	4.12
253.000	0.00	0.01	0.794	O	|	|	|	|	4.12
253.083	0.00	0.01	0.793	O	|	|	|	|	4.12
253.167	0.00	0.01	0.793	O	|	|	|	|	4.12
253.250	0.00	0.01	0.793	O	|	|	|	|	4.12
253.333	0.00	0.01	0.793	O	|	|	|	|	4.12
253.417	0.00	0.01	0.793	O	|	|	|	|	4.12
253.500	0.00	0.01	0.793	O	|	|	|	|	4.12
253.583	0.00	0.01	0.793	O	|	|	|	|	4.12
253.667	0.00	0.01	0.793	O	|	|	|	|	4.12
253.750	0.00	0.01	0.793	O	|	|	|	|	4.12
253.833	0.00	0.01	0.793	O	|	|	|	|	4.12
253.917	0.00	0.01	0.793	O	|	|	|	|	4.12
254.000	0.00	0.01	0.793	O	|	|	|	|	4.12
254.083	0.00	0.01	0.793	O	|	|	|	|	4.12
254.167	0.00	0.01	0.793	O	|	|	|	|	4.12
254.250	0.00	0.01	0.792	O	|	|	|	|	4.12
254.333	0.00	0.01	0.792	O	|	|	|	|	4.12
254.417	0.00	0.01	0.792	O	|	|	|	|	4.12
254.500	0.00	0.01	0.792	O	|	|	|	|	4.12
254.583	0.00	0.01	0.792	O	|	|	|	|	4.12
254.667	0.00	0.01	0.792	O	|	|	|	|	4.11

254.750	0.00	0.01	0.792	O	|	|	|	4.11
254.833	0.00	0.01	0.792	O	|	|	|	4.11
254.917	0.00	0.01	0.792	O	|	|	|	4.11
255.000	0.00	0.01	0.792	O	|	|	|	4.11
255.083	0.00	0.01	0.792	O	|	|	|	4.11
255.167	0.00	0.01	0.792	O	|	|	|	4.11
255.250	0.00	0.01	0.792	O	|	|	|	4.11
255.333	0.00	0.01	0.792	O	|	|	|	4.11
255.417	0.00	0.01	0.792	O	|	|	|	4.11
255.500	0.00	0.01	0.791	O	|	|	|	4.11
255.583	0.00	0.01	0.791	O	|	|	|	4.11
255.667	0.00	0.01	0.791	O	|	|	|	4.11
255.750	0.00	0.01	0.791	O	|	|	|	4.11
255.833	0.00	0.01	0.791	O	|	|	|	4.11
255.917	0.00	0.01	0.791	O	|	|	|	4.11
256.000	0.00	0.01	0.791	O	|	|	|	4.11
256.083	0.00	0.01	0.791	O	|	|	|	4.11
256.167	0.00	0.01	0.791	O	|	|	|	4.11
256.250	0.00	0.01	0.791	O	|	|	|	4.11
256.333	0.00	0.01	0.791	O	|	|	|	4.11
256.417	0.00	0.01	0.791	O	|	|	|	4.11
256.500	0.00	0.01	0.791	O	|	|	|	4.11
256.583	0.00	0.01	0.791	O	|	|	|	4.11
256.667	0.00	0.01	0.790	O	|	|	|	4.11
256.750	0.00	0.01	0.790	O	|	|	|	4.11
256.833	0.00	0.01	0.790	O	|	|	|	4.11
256.917	0.00	0.01	0.790	O	|	|	|	4.11
257.000	0.00	0.01	0.790	O	|	|	|	4.10
257.083	0.00	0.01	0.790	O	|	|	|	4.10
257.167	0.00	0.01	0.790	O	|	|	|	4.10
257.250	0.00	0.01	0.790	O	|	|	|	4.10
257.333	0.00	0.01	0.790	O	|	|	|	4.10
257.417	0.00	0.01	0.790	O	|	|	|	4.10
257.500	0.00	0.01	0.790	O	|	|	|	4.10
257.583	0.00	0.01	0.790	O	|	|	|	4.10
257.667	0.00	0.01	0.790	O	|	|	|	4.10
257.750	0.00	0.01	0.790	O	|	|	|	4.10
257.833	0.00	0.01	0.790	O	|	|	|	4.10
257.917	0.00	0.01	0.789	O	|	|	|	4.10
258.000	0.00	0.01	0.789	O	|	|	|	4.10
258.083	0.00	0.01	0.789	O	|	|	|	4.10
258.167	0.00	0.01	0.789	O	|	|	|	4.10
258.250	0.00	0.01	0.789	O	|	|	|	4.10
258.333	0.00	0.01	0.789	O	|	|	|	4.10
258.417	0.00	0.01	0.789	O	|	|	|	4.10
258.500	0.00	0.01	0.789	O	|	|	|	4.10
258.583	0.00	0.01	0.789	O	|	|	|	4.10
258.667	0.00	0.01	0.789	O	|	|	|	4.10
258.750	0.00	0.01	0.789	O	|	|	|	4.10
258.833	0.00	0.01	0.789	O	|	|	|	4.10
258.917	0.00	0.01	0.789	O	|	|	|	4.10
259.000	0.00	0.01	0.789	O	|	|	|	4.10
259.083	0.00	0.01	0.788	O	|	|	|	4.10
259.167	0.00	0.01	0.788	O	|	|	|	4.10
259.250	0.00	0.01	0.788	O	|	|	|	4.10
259.333	0.00	0.01	0.788	O	|	|	|	4.09
259.417	0.00	0.01	0.788	O	|	|	|	4.09

259.500	0.00	0.01	0.788	O	|	|	|	4.09
259.583	0.00	0.01	0.788	O	|	|	|	4.09
259.667	0.00	0.01	0.788	O	|	|	|	4.09
259.750	0.00	0.01	0.788	O	|	|	|	4.09
259.833	0.00	0.01	0.788	O	|	|	|	4.09
259.917	0.00	0.01	0.788	O	|	|	|	4.09
260.000	0.00	0.01	0.788	O	|	|	|	4.09
260.083	0.00	0.01	0.788	O	|	|	|	4.09
260.167	0.00	0.01	0.788	O	|	|	|	4.09
260.250	0.00	0.01	0.788	O	|	|	|	4.09
260.333	0.00	0.01	0.787	O	|	|	|	4.09
260.417	0.00	0.01	0.787	O	|	|	|	4.09
260.500	0.00	0.01	0.787	O	|	|	|	4.09
260.583	0.00	0.01	0.787	O	|	|	|	4.09
260.667	0.00	0.01	0.787	O	|	|	|	4.09
260.750	0.00	0.01	0.787	O	|	|	|	4.09
260.833	0.00	0.01	0.787	O	|	|	|	4.09
260.917	0.00	0.01	0.787	O	|	|	|	4.09
261.000	0.00	0.01	0.787	O	|	|	|	4.09
261.083	0.00	0.01	0.787	O	|	|	|	4.09
261.167	0.00	0.01	0.787	O	|	|	|	4.09
261.250	0.00	0.01	0.787	O	|	|	|	4.09
261.333	0.00	0.01	0.787	O	|	|	|	4.09
261.417	0.00	0.01	0.787	O	|	|	|	4.09
261.500	0.00	0.01	0.786	O	|	|	|	4.09
261.583	0.00	0.01	0.786	O	|	|	|	4.09
261.667	0.00	0.01	0.786	O	|	|	|	4.08
261.750	0.00	0.01	0.786	O	|	|	|	4.08
261.833	0.00	0.01	0.786	O	|	|	|	4.08
261.917	0.00	0.01	0.786	O	|	|	|	4.08
262.000	0.00	0.01	0.786	O	|	|	|	4.08
262.083	0.00	0.01	0.786	O	|	|	|	4.08
262.167	0.00	0.01	0.786	O	|	|	|	4.08
262.250	0.00	0.01	0.786	O	|	|	|	4.08
262.333	0.00	0.01	0.786	O	|	|	|	4.08
262.417	0.00	0.01	0.786	O	|	|	|	4.08
262.500	0.00	0.01	0.786	O	|	|	|	4.08
262.583	0.00	0.01	0.786	O	|	|	|	4.08
262.667	0.00	0.01	0.786	O	|	|	|	4.08
262.750	0.00	0.01	0.785	O	|	|	|	4.08
262.833	0.00	0.01	0.785	O	|	|	|	4.08
262.917	0.00	0.01	0.785	O	|	|	|	4.08
263.000	0.00	0.01	0.785	O	|	|	|	4.08
263.083	0.00	0.01	0.785	O	|	|	|	4.08
263.167	0.00	0.01	0.785	O	|	|	|	4.08
263.250	0.00	0.01	0.785	O	|	|	|	4.08
263.333	0.00	0.01	0.785	O	|	|	|	4.08
263.417	0.00	0.01	0.785	O	|	|	|	4.08
263.500	0.00	0.01	0.785	O	|	|	|	4.08
263.583	0.00	0.01	0.785	O	|	|	|	4.08
263.667	0.00	0.01	0.785	O	|	|	|	4.08
263.750	0.00	0.01	0.785	O	|	|	|	4.08
263.833	0.00	0.01	0.785	O	|	|	|	4.08
263.917	0.00	0.01	0.784	O	|	|	|	4.08
264.000	0.00	0.01	0.784	O	|	|	|	4.07
264.083	0.00	0.01	0.784	O	|	|	|	4.07
264.167	0.00	0.01	0.784	O	|	|	|	4.07

264.250	0.00	0.01	0.784	O	|	|	|	4.07
264.333	0.00	0.01	0.784	O	|	|	|	4.07
264.417	0.00	0.01	0.784	O	|	|	|	4.07
264.500	0.00	0.01	0.784	O	|	|	|	4.07
264.583	0.00	0.01	0.784	O	|	|	|	4.07
264.667	0.00	0.01	0.784	O	|	|	|	4.07
264.750	0.00	0.01	0.784	O	|	|	|	4.07
264.833	0.00	0.01	0.784	O	|	|	|	4.07
264.917	0.00	0.01	0.784	O	|	|	|	4.07
265.000	0.00	0.01	0.784	O	|	|	|	4.07
265.083	0.00	0.01	0.784	O	|	|	|	4.07
265.167	0.00	0.01	0.783	O	|	|	|	4.07
265.250	0.00	0.01	0.783	O	|	|	|	4.07
265.333	0.00	0.01	0.783	O	|	|	|	4.07
265.417	0.00	0.01	0.783	O	|	|	|	4.07
265.500	0.00	0.01	0.783	O	|	|	|	4.07
265.583	0.00	0.01	0.783	O	|	|	|	4.07
265.667	0.00	0.01	0.783	O	|	|	|	4.07
265.750	0.00	0.01	0.783	O	|	|	|	4.07
265.833	0.00	0.01	0.783	O	|	|	|	4.07
265.917	0.00	0.01	0.783	O	|	|	|	4.07
266.000	0.00	0.01	0.783	O	|	|	|	4.07
266.083	0.00	0.01	0.783	O	|	|	|	4.07
266.167	0.00	0.01	0.783	O	|	|	|	4.07
266.250	0.00	0.01	0.783	O	|	|	|	4.07
266.333	0.00	0.01	0.782	O	|	|	|	4.06
266.417	0.00	0.01	0.782	O	|	|	|	4.06
266.500	0.00	0.01	0.782	O	|	|	|	4.06
266.583	0.00	0.01	0.782	O	|	|	|	4.06
266.667	0.00	0.01	0.782	O	|	|	|	4.06
266.750	0.00	0.01	0.782	O	|	|	|	4.06
266.833	0.00	0.01	0.782	O	|	|	|	4.06
266.917	0.00	0.01	0.782	O	|	|	|	4.06
267.000	0.00	0.01	0.782	O	|	|	|	4.06
267.083	0.00	0.01	0.782	O	|	|	|	4.06
267.167	0.00	0.01	0.782	O	|	|	|	4.06
267.250	0.00	0.01	0.782	O	|	|	|	4.06
267.333	0.00	0.01	0.782	O	|	|	|	4.06
267.417	0.00	0.01	0.782	O	|	|	|	4.06
267.500	0.00	0.01	0.782	O	|	|	|	4.06
267.583	0.00	0.01	0.781	O	|	|	|	4.06
267.667	0.00	0.01	0.781	O	|	|	|	4.06
267.750	0.00	0.01	0.781	O	|	|	|	4.06
267.833	0.00	0.01	0.781	O	|	|	|	4.06
267.917	0.00	0.01	0.781	O	|	|	|	4.06
268.000	0.00	0.01	0.781	O	|	|	|	4.06
268.083	0.00	0.01	0.781	O	|	|	|	4.06
268.167	0.00	0.01	0.781	O	|	|	|	4.06
268.250	0.00	0.01	0.781	O	|	|	|	4.06
268.333	0.00	0.01	0.781	O	|	|	|	4.06
268.417	0.00	0.01	0.781	O	|	|	|	4.06
268.500	0.00	0.01	0.781	O	|	|	|	4.06
268.583	0.00	0.01	0.781	O	|	|	|	4.06
268.667	0.00	0.01	0.781	O	|	|	|	4.05
268.750	0.00	0.01	0.781	O	|	|	|	4.05
268.833	0.00	0.01	0.780	O	|	|	|	4.05
268.917	0.00	0.01	0.780	O	|	|	|	4.05

269.000	0.00	0.01	0.780	O	|	|	|	4.05
269.083	0.00	0.01	0.780	O	|	|	|	4.05
269.167	0.00	0.01	0.780	O	|	|	|	4.05
269.250	0.00	0.01	0.780	O	|	|	|	4.05
269.333	0.00	0.01	0.780	O	|	|	|	4.05
269.417	0.00	0.01	0.780	O	|	|	|	4.05
269.500	0.00	0.01	0.780	O	|	|	|	4.05
269.583	0.00	0.01	0.780	O	|	|	|	4.05
269.667	0.00	0.01	0.780	O	|	|	|	4.05
269.750	0.00	0.01	0.780	O	|	|	|	4.05
269.833	0.00	0.01	0.780	O	|	|	|	4.05
269.917	0.00	0.01	0.780	O	|	|	|	4.05
270.000	0.00	0.01	0.779	O	|	|	|	4.05
270.083	0.00	0.01	0.779	O	|	|	|	4.05
270.167	0.00	0.01	0.779	O	|	|	|	4.05
270.250	0.00	0.01	0.779	O	|	|	|	4.05
270.333	0.00	0.01	0.779	O	|	|	|	4.05
270.417	0.00	0.01	0.779	O	|	|	|	4.05
270.500	0.00	0.01	0.779	O	|	|	|	4.05
270.583	0.00	0.01	0.779	O	|	|	|	4.05
270.667	0.00	0.01	0.779	O	|	|	|	4.05
270.750	0.00	0.01	0.779	O	|	|	|	4.05
270.833	0.00	0.01	0.779	O	|	|	|	4.05
270.917	0.00	0.01	0.779	O	|	|	|	4.05
271.000	0.00	0.01	0.779	O	|	|	|	4.04
271.083	0.00	0.01	0.779	O	|	|	|	4.04
271.167	0.00	0.01	0.779	O	|	|	|	4.04
271.250	0.00	0.01	0.778	O	|	|	|	4.04
271.333	0.00	0.01	0.778	O	|	|	|	4.04
271.417	0.00	0.01	0.778	O	|	|	|	4.04
271.500	0.00	0.01	0.778	O	|	|	|	4.04
271.583	0.00	0.01	0.778	O	|	|	|	4.04
271.667	0.00	0.01	0.778	O	|	|	|	4.04
271.750	0.00	0.01	0.778	O	|	|	|	4.04
271.833	0.00	0.01	0.778	O	|	|	|	4.04
271.917	0.00	0.01	0.778	O	|	|	|	4.04
272.000	0.00	0.01	0.778	O	|	|	|	4.04
272.083	0.00	0.01	0.778	O	|	|	|	4.04
272.167	0.00	0.01	0.778	O	|	|	|	4.04
272.250	0.00	0.01	0.778	O	|	|	|	4.04
272.333	0.00	0.01	0.778	O	|	|	|	4.04
272.417	0.00	0.01	0.777	O	|	|	|	4.04
272.500	0.00	0.01	0.777	O	|	|	|	4.04
272.583	0.00	0.01	0.777	O	|	|	|	4.04
272.667	0.00	0.01	0.777	O	|	|	|	4.04
272.750	0.00	0.01	0.777	O	|	|	|	4.04
272.833	0.00	0.01	0.777	O	|	|	|	4.04
272.917	0.00	0.01	0.777	O	|	|	|	4.04
273.000	0.00	0.01	0.777	O	|	|	|	4.04
273.083	0.00	0.01	0.777	O	|	|	|	4.04
273.167	0.00	0.01	0.777	O	|	|	|	4.04
273.250	0.00	0.01	0.777	O	|	|	|	4.04
273.333	0.00	0.01	0.777	O	|	|	|	4.03
273.417	0.00	0.01	0.777	O	|	|	|	4.03
273.500	0.00	0.01	0.777	O	|	|	|	4.03
273.583	0.00	0.01	0.777	O	|	|	|	4.03
273.667	0.00	0.01	0.776	O	|	|	|	4.03

273.750	0.00	0.01	0.776	O	|	|	|	4.03
273.833	0.00	0.01	0.776	O	|	|	|	4.03
273.917	0.00	0.01	0.776	O	|	|	|	4.03
274.000	0.00	0.01	0.776	O	|	|	|	4.03
274.083	0.00	0.01	0.776	O	|	|	|	4.03
274.167	0.00	0.01	0.776	O	|	|	|	4.03
274.250	0.00	0.01	0.776	O	|	|	|	4.03
274.333	0.00	0.01	0.776	O	|	|	|	4.03
274.417	0.00	0.01	0.776	O	|	|	|	4.03
274.500	0.00	0.01	0.776	O	|	|	|	4.03
274.583	0.00	0.01	0.776	O	|	|	|	4.03
274.667	0.00	0.01	0.776	O	|	|	|	4.03
274.750	0.00	0.01	0.776	O	|	|	|	4.03
274.833	0.00	0.01	0.775	O	|	|	|	4.03
274.917	0.00	0.01	0.775	O	|	|	|	4.03
275.000	0.00	0.01	0.775	O	|	|	|	4.03
275.083	0.00	0.01	0.775	O	|	|	|	4.03
275.167	0.00	0.01	0.775	O	|	|	|	4.03
275.250	0.00	0.01	0.775	O	|	|	|	4.03
275.333	0.00	0.01	0.775	O	|	|	|	4.03
275.417	0.00	0.01	0.775	O	|	|	|	4.03
275.500	0.00	0.01	0.775	O	|	|	|	4.03
275.583	0.00	0.01	0.775	O	|	|	|	4.03
275.667	0.00	0.01	0.775	O	|	|	|	4.02
275.750	0.00	0.01	0.775	O	|	|	|	4.02
275.833	0.00	0.01	0.775	O	|	|	|	4.02
275.917	0.00	0.01	0.775	O	|	|	|	4.02
276.000	0.00	0.01	0.775	O	|	|	|	4.02
276.083	0.00	0.01	0.774	O	|	|	|	4.02
276.167	0.00	0.01	0.774	O	|	|	|	4.02
276.250	0.00	0.01	0.774	O	|	|	|	4.02
276.333	0.00	0.01	0.774	O	|	|	|	4.02
276.417	0.00	0.01	0.774	O	|	|	|	4.02
276.500	0.00	0.01	0.774	O	|	|	|	4.02
276.583	0.00	0.01	0.774	O	|	|	|	4.02
276.667	0.00	0.01	0.774	O	|	|	|	4.02
276.750	0.00	0.01	0.774	O	|	|	|	4.02
276.833	0.00	0.01	0.774	O	|	|	|	4.02
276.917	0.00	0.01	0.774	O	|	|	|	4.02
277.000	0.00	0.01	0.774	O	|	|	|	4.02
277.083	0.00	0.01	0.774	O	|	|	|	4.02
277.167	0.00	0.01	0.774	O	|	|	|	4.02
277.250	0.00	0.01	0.773	O	|	|	|	4.02
277.333	0.00	0.01	0.773	O	|	|	|	4.02
277.417	0.00	0.01	0.773	O	|	|	|	4.02
277.500	0.00	0.01	0.773	O	|	|	|	4.02
277.583	0.00	0.01	0.773	O	|	|	|	4.02
277.667	0.00	0.01	0.773	O	|	|	|	4.02
277.750	0.00	0.01	0.773	O	|	|	|	4.02
277.833	0.00	0.01	0.773	O	|	|	|	4.02
277.917	0.00	0.01	0.773	O	|	|	|	4.02
278.000	0.00	0.01	0.773	O	|	|	|	4.01
278.083	0.00	0.01	0.773	O	|	|	|	4.01
278.167	0.00	0.01	0.773	O	|	|	|	4.01
278.250	0.00	0.01	0.773	O	|	|	|	4.01
278.333	0.00	0.01	0.773	O	|	|	|	4.01
278.417	0.00	0.01	0.773	O	|	|	|	4.01

278.500	0.00	0.01	0.772	O	|	|	|	4.01
278.583	0.00	0.01	0.772	O	|	|	|	4.01
278.667	0.00	0.01	0.772	O	|	|	|	4.01
278.750	0.00	0.01	0.772	O	|	|	|	4.01
278.833	0.00	0.01	0.772	O	|	|	|	4.01
278.917	0.00	0.01	0.772	O	|	|	|	4.01
279.000	0.00	0.01	0.772	O	|	|	|	4.01
279.083	0.00	0.01	0.772	O	|	|	|	4.01
279.167	0.00	0.01	0.772	O	|	|	|	4.01
279.250	0.00	0.01	0.772	O	|	|	|	4.01
279.333	0.00	0.01	0.772	O	|	|	|	4.01
279.417	0.00	0.01	0.772	O	|	|	|	4.01
279.500	0.00	0.01	0.772	O	|	|	|	4.01
279.583	0.00	0.01	0.772	O	|	|	|	4.01
279.667	0.00	0.01	0.771	O	|	|	|	4.01
279.750	0.00	0.01	0.771	O	|	|	|	4.01
279.833	0.00	0.01	0.771	O	|	|	|	4.01
279.917	0.00	0.01	0.771	O	|	|	|	4.01
280.000	0.00	0.01	0.771	O	|	|	|	4.01
280.083	0.00	0.01	0.771	O	|	|	|	4.01
280.167	0.00	0.01	0.771	O	|	|	|	4.01
280.250	0.00	0.01	0.771	O	|	|	|	4.01
280.333	0.00	0.01	0.771	O	|	|	|	4.00
280.417	0.00	0.01	0.771	O	|	|	|	4.00
280.500	0.00	0.01	0.771	O	|	|	|	4.00
280.583	0.00	0.01	0.771	O	|	|	|	4.00
280.667	0.00	0.01	0.771	O	|	|	|	4.00
280.750	0.00	0.01	0.771	O	|	|	|	4.00
280.833	0.00	0.01	0.771	O	|	|	|	4.00
280.917	0.00	0.01	0.770	O	|	|	|	4.00
281.000	0.00	0.01	0.770	O	|	|	|	4.00
281.083	0.00	0.01	0.770	O	|	|	|	4.00
281.167	0.00	0.01	0.770	O	|	|	|	4.00
281.250	0.00	0.01	0.770	O	|	|	|	4.00
281.333	0.00	0.01	0.770	O	|	|	|	4.00
281.417	0.00	0.01	0.770	O	|	|	|	4.00
281.500	0.00	0.01	0.770	O	|	|	|	4.00
281.583	0.00	0.01	0.770	O	|	|	|	4.00
281.667	0.00	0.01	0.770	O	|	|	|	4.00
281.750	0.00	0.01	0.770	O	|	|	|	4.00
281.833	0.00	0.01	0.770	O	|	|	|	4.00
281.917	0.00	0.01	0.770	O	|	|	|	4.00
282.000	0.00	0.01	0.770	O	|	|	|	4.00
282.083	0.00	0.01	0.769	O	|	|	|	4.00
282.167	0.00	0.01	0.769	O	|	|	|	4.00
282.250	0.00	0.01	0.769	O	|	|	|	4.00
282.333	0.00	0.01	0.769	O	|	|	|	4.00
282.417	0.00	0.01	0.769	O	|	|	|	4.00
282.500	0.00	0.01	0.769	O	|	|	|	4.00
282.583	0.00	0.01	0.769	O	|	|	|	4.00
282.667	0.00	0.01	0.769	O	|	|	|	3.99
282.750	0.00	0.01	0.769	O	|	|	|	3.99
282.833	0.00	0.01	0.769	O	|	|	|	3.99
282.917	0.00	0.01	0.769	O	|	|	|	3.99
283.000	0.00	0.01	0.769	O	|	|	|	3.99
283.083	0.00	0.01	0.769	O	|	|	|	3.99
283.167	0.00	0.01	0.769	O	|	|	|	3.99

283.250	0.00	0.01	0.769	O					3.99
283.333	0.00	0.01	0.768	O					3.99
283.417	0.00	0.01	0.768	O					3.99
283.500	0.00	0.01	0.768	O					3.99
283.583	0.00	0.01	0.768	O					3.99
283.667	0.00	0.01	0.768	O					3.99
283.750	0.00	0.01	0.768	O					3.99
283.833	0.00	0.01	0.768	O					3.99
283.917	0.00	0.01	0.768	O					3.99
284.000	0.00	0.01	0.768	O					3.99
284.083	0.00	0.01	0.768	O					3.99
284.167	0.00	0.01	0.768	O					3.99
284.250	0.00	0.01	0.768	O					3.99
284.333	0.00	0.01	0.768	O					3.99
284.417	0.00	0.01	0.768	O					3.99
284.500	0.00	0.01	0.767	O					3.99
284.583	0.00	0.01	0.767	O					3.99
284.667	0.00	0.01	0.767	O					3.99
284.750	0.00	0.01	0.767	O					3.99
284.833	0.00	0.01	0.767	O					3.99
284.917	0.00	0.01	0.767	O					3.99
285.000	0.00	0.01	0.767	O					3.98
285.083	0.00	0.01	0.767	O					3.98
285.167	0.00	0.01	0.767	O					3.98
285.250	0.00	0.01	0.767	O					3.98
285.333	0.00	0.01	0.767	O					3.98
285.417	0.00	0.01	0.767	O					3.98
285.500	0.00	0.01	0.767	O					3.98
285.583	0.00	0.01	0.767	O					3.98
285.667	0.00	0.01	0.767	O					3.98
285.750	0.00	0.01	0.766	O					3.98
285.833	0.00	0.01	0.766	O					3.98
285.917	0.00	0.01	0.766	O					3.98
286.000	0.00	0.01	0.766	O					3.98
286.083	0.00	0.01	0.766	O					3.98
286.167	0.00	0.01	0.766	O					3.98
286.250	0.00	0.01	0.766	O					3.98
286.333	0.00	0.01	0.766	O					3.98
286.417	0.00	0.01	0.766	O					3.98
286.500	0.00	0.01	0.766	O					3.98
286.583	0.00	0.01	0.766	O					3.98
286.667	0.00	0.01	0.766	O					3.98
286.750	0.00	0.01	0.766	O					3.98
286.833	0.00	0.01	0.766	O					3.98
286.917	0.00	0.01	0.765	O					3.98
287.000	0.00	0.01	0.765	O					3.98
287.083	0.00	0.01	0.765	O					3.98
287.167	0.00	0.01	0.765	O					3.98
287.250	0.00	0.01	0.765	O					3.98
287.333	0.00	0.01	0.765	O					3.97
287.417	0.00	0.01	0.765	O					3.97
287.500	0.00	0.01	0.765	O					3.97
287.583	0.00	0.01	0.765	O					3.97
287.667	0.00	0.01	0.765	O					3.97
287.750	0.00	0.01	0.765	O					3.97
287.833	0.00	0.01	0.765	O					3.97
287.917	0.00	0.01	0.765	O					3.97

288.000	0.00	0.01	0.765	O	|	|	|	3.97
288.083	0.00	0.01	0.765	O	|	|	|	3.97
288.167	0.00	0.01	0.764	O	|	|	|	3.97
288.250	0.00	0.01	0.764	O	|	|	|	3.97
288.333	0.00	0.01	0.764	O	|	|	|	3.97
288.417	0.00	0.01	0.764	O	|	|	|	3.97
288.500	0.00	0.01	0.764	O	|	|	|	3.97
288.583	0.00	0.01	0.764	O	|	|	|	3.97
288.667	0.00	0.01	0.764	O	|	|	|	3.97
288.750	0.00	0.01	0.764	O	|	|	|	3.97
288.833	0.00	0.01	0.764	O	|	|	|	3.97
288.917	0.00	0.01	0.764	O	|	|	|	3.97
289.000	0.00	0.01	0.764	O	|	|	|	3.97
289.083	0.00	0.01	0.764	O	|	|	|	3.97
289.167	0.00	0.01	0.764	O	|	|	|	3.97
289.250	0.00	0.01	0.764	O	|	|	|	3.97
289.333	0.00	0.01	0.763	O	|	|	|	3.97
289.417	0.00	0.01	0.763	O	|	|	|	3.97
289.500	0.00	0.01	0.763	O	|	|	|	3.97
289.583	0.00	0.01	0.763	O	|	|	|	3.97
289.667	0.00	0.01	0.763	O	|	|	|	3.96
289.750	0.00	0.01	0.763	O	|	|	|	3.96
289.833	0.00	0.01	0.763	O	|	|	|	3.96
289.917	0.00	0.01	0.763	O	|	|	|	3.96
290.000	0.00	0.01	0.763	O	|	|	|	3.96
290.083	0.00	0.01	0.763	O	|	|	|	3.96
290.167	0.00	0.01	0.763	O	|	|	|	3.96
290.250	0.00	0.01	0.763	O	|	|	|	3.96
290.333	0.00	0.01	0.763	O	|	|	|	3.96
290.417	0.00	0.01	0.763	O	|	|	|	3.96
290.500	0.00	0.01	0.763	O	|	|	|	3.96
290.583	0.00	0.01	0.762	O	|	|	|	3.96
290.667	0.00	0.01	0.762	O	|	|	|	3.96
290.750	0.00	0.01	0.762	O	|	|	|	3.96
290.833	0.00	0.01	0.762	O	|	|	|	3.96
290.917	0.00	0.01	0.762	O	|	|	|	3.96
291.000	0.00	0.01	0.762	O	|	|	|	3.96
291.083	0.00	0.01	0.762	O	|	|	|	3.96
291.167	0.00	0.01	0.762	O	|	|	|	3.96
291.250	0.00	0.01	0.762	O	|	|	|	3.96
291.333	0.00	0.01	0.762	O	|	|	|	3.96
291.417	0.00	0.01	0.762	O	|	|	|	3.96
291.500	0.00	0.01	0.762	O	|	|	|	3.96
291.583	0.00	0.01	0.762	O	|	|	|	3.96
291.667	0.00	0.01	0.762	O	|	|	|	3.96
291.750	0.00	0.01	0.761	O	|	|	|	3.96
291.833	0.00	0.01	0.761	O	|	|	|	3.96
291.917	0.00	0.01	0.761	O	|	|	|	3.95
292.000	0.00	0.01	0.761	O	|	|	|	3.95
292.083	0.00	0.01	0.761	O	|	|	|	3.95
292.167	0.00	0.01	0.761	O	|	|	|	3.95
292.250	0.00	0.01	0.761	O	|	|	|	3.95
292.333	0.00	0.01	0.761	O	|	|	|	3.95
292.417	0.00	0.01	0.761	O	|	|	|	3.95
292.500	0.00	0.01	0.761	O	|	|	|	3.95
292.583	0.00	0.01	0.761	O	|	|	|	3.95
292.667	0.00	0.01	0.761	O	|	|	|	3.95

292.750	0.00	0.01	0.761	O	|	|	|	|	3.95
292.833	0.00	0.01	0.761	O	|	|	|	|	3.95
292.917	0.00	0.01	0.761	O	|	|	|	|	3.95
293.000	0.00	0.01	0.760	O	|	|	|	|	3.95
293.083	0.00	0.01	0.760	O	|	|	|	|	3.95
293.167	0.00	0.01	0.760	O	|	|	|	|	3.95
293.250	0.00	0.01	0.760	O	|	|	|	|	3.95
293.333	0.00	0.01	0.760	O	|	|	|	|	3.95
293.417	0.00	0.01	0.760	O	|	|	|	|	3.95
293.500	0.00	0.01	0.760	O	|	|	|	|	3.95
293.583	0.00	0.01	0.760	O	|	|	|	|	3.95
293.667	0.00	0.01	0.760	O	|	|	|	|	3.95
293.750	0.00	0.01	0.760	O	|	|	|	|	3.95
293.833	0.00	0.01	0.760	O	|	|	|	|	3.95
293.917	0.00	0.01	0.760	O	|	|	|	|	3.95
294.000	0.00	0.01	0.760	O	|	|	|	|	3.95
294.083	0.00	0.01	0.760	O	|	|	|	|	3.95
294.167	0.00	0.01	0.759	O	|	|	|	|	3.95
294.250	0.00	0.01	0.759	O	|	|	|	|	3.94
294.333	0.00	0.01	0.759	O	|	|	|	|	3.94
294.417	0.00	0.01	0.759	O	|	|	|	|	3.94
294.500	0.00	0.01	0.759	O	|	|	|	|	3.94
294.583	0.00	0.01	0.759	O	|	|	|	|	3.94
294.667	0.00	0.01	0.759	O	|	|	|	|	3.94
294.750	0.00	0.01	0.759	O	|	|	|	|	3.94
294.833	0.00	0.01	0.759	O	|	|	|	|	3.94
294.917	0.00	0.01	0.759	O	|	|	|	|	3.94
295.000	0.00	0.01	0.759	O	|	|	|	|	3.94
295.083	0.00	0.01	0.759	O	|	|	|	|	3.94
295.167	0.00	0.01	0.759	O	|	|	|	|	3.94
295.250	0.00	0.01	0.759	O	|	|	|	|	3.94
295.333	0.00	0.01	0.759	O	|	|	|	|	3.94
295.417	0.00	0.01	0.758	O	|	|	|	|	3.94
295.500	0.00	0.01	0.758	O	|	|	|	|	3.94
295.583	0.00	0.01	0.758	O	|	|	|	|	3.94
295.667	0.00	0.01	0.758	O	|	|	|	|	3.94
295.750	0.00	0.01	0.758	O	|	|	|	|	3.94
295.833	0.00	0.01	0.758	O	|	|	|	|	3.94
295.917	0.00	0.01	0.758	O	|	|	|	|	3.94
296.000	0.00	0.01	0.758	O	|	|	|	|	3.94
296.083	0.00	0.01	0.758	O	|	|	|	|	3.94
296.167	0.00	0.01	0.758	O	|	|	|	|	3.94
296.250	0.00	0.01	0.758	O	|	|	|	|	3.94
296.333	0.00	0.01	0.758	O	|	|	|	|	3.94
296.417	0.00	0.01	0.758	O	|	|	|	|	3.94
296.500	0.00	0.01	0.758	O	|	|	|	|	3.94
296.583	0.00	0.01	0.757	O	|	|	|	|	3.93
296.667	0.00	0.01	0.757	O	|	|	|	|	3.93
296.750	0.00	0.01	0.757	O	|	|	|	|	3.93
296.833	0.00	0.01	0.757	O	|	|	|	|	3.93
296.917	0.00	0.01	0.757	O	|	|	|	|	3.93
297.000	0.00	0.01	0.757	O	|	|	|	|	3.93
297.083	0.00	0.01	0.757	O	|	|	|	|	3.93
297.167	0.00	0.01	0.757	O	|	|	|	|	3.93
297.250	0.00	0.01	0.757	O	|	|	|	|	3.93
297.333	0.00	0.01	0.757	O	|	|	|	|	3.93
297.417	0.00	0.01	0.757	O	|	|	|	|	3.93

297.500	0.00	0.01	0.757	O	|	|	|	|	3.93
297.583	0.00	0.01	0.757	O	|	|	|	|	3.93
297.667	0.00	0.01	0.757	O	|	|	|	|	3.93
297.750	0.00	0.01	0.757	O	|	|	|	|	3.93
297.833	0.00	0.01	0.756	O	|	|	|	|	3.93
297.917	0.00	0.01	0.756	O	|	|	|	|	3.93
298.000	0.00	0.01	0.756	O	|	|	|	|	3.93
298.083	0.00	0.01	0.756	O	|	|	|	|	3.93
298.167	0.00	0.01	0.756	O	|	|	|	|	3.93
298.250	0.00	0.01	0.756	O	|	|	|	|	3.93
298.333	0.00	0.01	0.756	O	|	|	|	|	3.93
298.417	0.00	0.01	0.756	O	|	|	|	|	3.93
298.500	0.00	0.01	0.756	O	|	|	|	|	3.93
298.583	0.00	0.01	0.756	O	|	|	|	|	3.93
298.667	0.00	0.01	0.756	O	|	|	|	|	3.93
298.750	0.00	0.01	0.756	O	|	|	|	|	3.93
298.833	0.00	0.01	0.756	O	|	|	|	|	3.93
298.917	0.00	0.01	0.756	O	|	|	|	|	3.92
299.000	0.00	0.01	0.756	O	|	|	|	|	3.92
299.083	0.00	0.01	0.755	O	|	|	|	|	3.92
299.167	0.00	0.01	0.755	O	|	|	|	|	3.92
299.250	0.00	0.01	0.755	O	|	|	|	|	3.92
299.333	0.00	0.01	0.755	O	|	|	|	|	3.92
299.417	0.00	0.01	0.755	O	|	|	|	|	3.92
299.500	0.00	0.01	0.755	O	|	|	|	|	3.92
299.583	0.00	0.01	0.755	O	|	|	|	|	3.92
299.667	0.00	0.01	0.755	O	|	|	|	|	3.92
299.750	0.00	0.01	0.755	O	|	|	|	|	3.92
299.833	0.00	0.01	0.755	O	|	|	|	|	3.92
299.917	0.00	0.01	0.755	O	|	|	|	|	3.92
300.000	0.00	0.01	0.755	O	|	|	|	|	3.92
300.083	0.00	0.01	0.755	O	|	|	|	|	3.92
300.167	0.00	0.01	0.755	O	|	|	|	|	3.92
300.250	0.00	0.01	0.754	O	|	|	|	|	3.92
300.333	0.00	0.01	0.754	O	|	|	|	|	3.92
300.417	0.00	0.01	0.754	O	|	|	|	|	3.92
300.500	0.00	0.01	0.754	O	|	|	|	|	3.92
300.583	0.00	0.01	0.754	O	|	|	|	|	3.92
300.667	0.00	0.01	0.754	O	|	|	|	|	3.92
300.750	0.00	0.01	0.754	O	|	|	|	|	3.92
300.833	0.00	0.01	0.754	O	|	|	|	|	3.92
300.917	0.00	0.01	0.754	O	|	|	|	|	3.92
301.000	0.00	0.01	0.754	O	|	|	|	|	3.92
301.083	0.00	0.01	0.754	O	|	|	|	|	3.92
301.167	0.00	0.01	0.754	O	|	|	|	|	3.92
301.250	0.00	0.01	0.754	O	|	|	|	|	3.91
301.333	0.00	0.01	0.754	O	|	|	|	|	3.91
301.417	0.00	0.01	0.754	O	|	|	|	|	3.91
301.500	0.00	0.01	0.753	O	|	|	|	|	3.91
301.583	0.00	0.01	0.753	O	|	|	|	|	3.91
301.667	0.00	0.01	0.753	O	|	|	|	|	3.91
301.750	0.00	0.01	0.753	O	|	|	|	|	3.91
301.833	0.00	0.01	0.753	O	|	|	|	|	3.91
301.917	0.00	0.01	0.753	O	|	|	|	|	3.91
302.000	0.00	0.01	0.753	O	|	|	|	|	3.91
302.083	0.00	0.01	0.753	O	|	|	|	|	3.91
302.167	0.00	0.01	0.753	O	|	|	|	|	3.91

302.250	0.00	0.01	0.753	O	|	|	|	3.91
302.333	0.00	0.01	0.753	O	|	|	|	3.91
302.417	0.00	0.01	0.753	O	|	|	|	3.91
302.500	0.00	0.01	0.753	O	|	|	|	3.91
302.583	0.00	0.01	0.753	O	|	|	|	3.91
302.667	0.00	0.01	0.752	O	|	|	|	3.91
302.750	0.00	0.01	0.752	O	|	|	|	3.91
302.833	0.00	0.01	0.752	O	|	|	|	3.91
302.917	0.00	0.01	0.752	O	|	|	|	3.91
303.000	0.00	0.01	0.752	O	|	|	|	3.91
303.083	0.00	0.01	0.752	O	|	|	|	3.91
303.167	0.00	0.01	0.752	O	|	|	|	3.91
303.250	0.00	0.01	0.752	O	|	|	|	3.91
303.333	0.00	0.01	0.752	O	|	|	|	3.91
303.417	0.00	0.01	0.752	O	|	|	|	3.91
303.500	0.00	0.01	0.752	O	|	|	|	3.91
303.583	0.00	0.01	0.752	O	|	|	|	3.90
303.667	0.00	0.01	0.752	O	|	|	|	3.90
303.750	0.00	0.01	0.752	O	|	|	|	3.90
303.833	0.00	0.01	0.752	O	|	|	|	3.90
303.917	0.00	0.01	0.751	O	|	|	|	3.90
304.000	0.00	0.01	0.751	O	|	|	|	3.90
304.083	0.00	0.01	0.751	O	|	|	|	3.90
304.167	0.00	0.01	0.751	O	|	|	|	3.90
304.250	0.00	0.01	0.751	O	|	|	|	3.90
304.333	0.00	0.01	0.751	O	|	|	|	3.90
304.417	0.00	0.01	0.751	O	|	|	|	3.90
304.500	0.00	0.01	0.751	O	|	|	|	3.90
304.583	0.00	0.01	0.751	O	|	|	|	3.90
304.667	0.00	0.01	0.751	O	|	|	|	3.90
304.750	0.00	0.01	0.751	O	|	|	|	3.90
304.833	0.00	0.01	0.751	O	|	|	|	3.90
304.917	0.00	0.01	0.751	O	|	|	|	3.90
305.000	0.00	0.01	0.751	O	|	|	|	3.90
305.083	0.00	0.01	0.750	O	|	|	|	3.90
305.167	0.00	0.01	0.750	O	|	|	|	3.90
305.250	0.00	0.01	0.750	O	|	|	|	3.90
305.333	0.00	0.01	0.750	O	|	|	|	3.90
305.417	0.00	0.01	0.750	O	|	|	|	3.90
305.500	0.00	0.01	0.750	O	|	|	|	3.90
305.583	0.00	0.01	0.750	O	|	|	|	3.90
305.667	0.00	0.01	0.750	O	|	|	|	3.90
305.750	0.00	0.01	0.750	O	|	|	|	3.90
305.833	0.00	0.01	0.750	O	|	|	|	3.90
305.917	0.00	0.01	0.750	O	|	|	|	3.89
306.000	0.00	0.01	0.750	O	|	|	|	3.89
306.083	0.00	0.01	0.750	O	|	|	|	3.89
306.167	0.00	0.01	0.750	O	|	|	|	3.89
306.250	0.00	0.01	0.750	O	|	|	|	3.89
306.333	0.00	0.01	0.749	O	|	|	|	3.89
306.417	0.00	0.01	0.749	O	|	|	|	3.89
306.500	0.00	0.01	0.749	O	|	|	|	3.89
306.583	0.00	0.01	0.749	O	|	|	|	3.89
306.667	0.00	0.01	0.749	O	|	|	|	3.89
306.750	0.00	0.01	0.749	O	|	|	|	3.89
306.833	0.00	0.01	0.749	O	|	|	|	3.89
306.917	0.00	0.01	0.749	O	|	|	|	3.89

307.000	0.00	0.01	0.749	O	|	|	|	3.89
307.083	0.00	0.01	0.749	O	|	|	|	3.89
307.167	0.00	0.01	0.749	O	|	|	|	3.89
307.250	0.00	0.01	0.749	O	|	|	|	3.89
307.333	0.00	0.01	0.749	O	|	|	|	3.89
307.417	0.00	0.01	0.749	O	|	|	|	3.89
307.500	0.00	0.01	0.748	O	|	|	|	3.89
307.583	0.00	0.01	0.748	O	|	|	|	3.89
307.667	0.00	0.01	0.748	O	|	|	|	3.89
307.750	0.00	0.01	0.748	O	|	|	|	3.89
307.833	0.00	0.01	0.748	O	|	|	|	3.89
307.917	0.00	0.01	0.748	O	|	|	|	3.89
308.000	0.00	0.01	0.748	O	|	|	|	3.89
308.083	0.00	0.01	0.748	O	|	|	|	3.89
308.167	0.00	0.01	0.748	O	|	|	|	3.89
308.250	0.00	0.01	0.748	O	|	|	|	3.88
308.333	0.00	0.01	0.748	O	|	|	|	3.88
308.417	0.00	0.01	0.748	O	|	|	|	3.88
308.500	0.00	0.01	0.748	O	|	|	|	3.88
308.583	0.00	0.01	0.748	O	|	|	|	3.88
308.667	0.00	0.01	0.748	O	|	|	|	3.88
308.750	0.00	0.01	0.747	O	|	|	|	3.88
308.833	0.00	0.01	0.747	O	|	|	|	3.88
308.917	0.00	0.01	0.747	O	|	|	|	3.88
309.000	0.00	0.01	0.747	O	|	|	|	3.88
309.083	0.00	0.01	0.747	O	|	|	|	3.88
309.167	0.00	0.01	0.747	O	|	|	|	3.88
309.250	0.00	0.01	0.747	O	|	|	|	3.88
309.333	0.00	0.01	0.747	O	|	|	|	3.88
309.417	0.00	0.01	0.747	O	|	|	|	3.88
309.500	0.00	0.01	0.747	O	|	|	|	3.88
309.583	0.00	0.01	0.747	O	|	|	|	3.88
309.667	0.00	0.01	0.747	O	|	|	|	3.88
309.750	0.00	0.01	0.747	O	|	|	|	3.88
309.833	0.00	0.01	0.747	O	|	|	|	3.88
309.917	0.00	0.01	0.746	O	|	|	|	3.88
310.000	0.00	0.01	0.746	O	|	|	|	3.88
310.083	0.00	0.01	0.746	O	|	|	|	3.88
310.167	0.00	0.01	0.746	O	|	|	|	3.88
310.250	0.00	0.01	0.746	O	|	|	|	3.88
310.333	0.00	0.01	0.746	O	|	|	|	3.88
310.417	0.00	0.01	0.746	O	|	|	|	3.88
310.500	0.00	0.01	0.746	O	|	|	|	3.87
310.583	0.00	0.01	0.746	O	|	|	|	3.87
310.667	0.00	0.01	0.746	O	|	|	|	3.87
310.750	0.00	0.01	0.746	O	|	|	|	3.87
310.833	0.00	0.01	0.746	O	|	|	|	3.87
310.917	0.00	0.01	0.746	O	|	|	|	3.87
311.000	0.00	0.01	0.746	O	|	|	|	3.87
311.083	0.00	0.01	0.746	O	|	|	|	3.87
311.167	0.00	0.01	0.745	O	|	|	|	3.87
311.250	0.00	0.01	0.745	O	|	|	|	3.87
311.333	0.00	0.01	0.745	O	|	|	|	3.87
311.417	0.00	0.01	0.745	O	|	|	|	3.87
311.500	0.00	0.01	0.745	O	|	|	|	3.87
311.583	0.00	0.01	0.745	O	|	|	|	3.87
311.667	0.00	0.01	0.745	O	|	|	|	3.87

311.750	0.00	0.01	0.745	O	|	|	|	3.87
311.833	0.00	0.01	0.745	O	|	|	|	3.87
311.917	0.00	0.01	0.745	O	|	|	|	3.87
312.000	0.00	0.01	0.745	O	|	|	|	3.87
312.083	0.00	0.01	0.745	O	|	|	|	3.87
312.167	0.00	0.01	0.745	O	|	|	|	3.87
312.250	0.00	0.01	0.745	O	|	|	|	3.87
312.333	0.00	0.01	0.744	O	|	|	|	3.87
312.417	0.00	0.01	0.744	O	|	|	|	3.87
312.500	0.00	0.01	0.744	O	|	|	|	3.87
312.583	0.00	0.01	0.744	O	|	|	|	3.87
312.667	0.00	0.01	0.744	O	|	|	|	3.87
312.750	0.00	0.01	0.744	O	|	|	|	3.87
312.833	0.00	0.01	0.744	O	|	|	|	3.86
312.917	0.00	0.01	0.744	O	|	|	|	3.86
313.000	0.00	0.01	0.744	O	|	|	|	3.86
313.083	0.00	0.01	0.744	O	|	|	|	3.86
313.167	0.00	0.01	0.744	O	|	|	|	3.86
313.250	0.00	0.01	0.744	O	|	|	|	3.86
313.333	0.00	0.01	0.744	O	|	|	|	3.86
313.417	0.00	0.01	0.744	O	|	|	|	3.86
313.500	0.00	0.01	0.744	O	|	|	|	3.86
313.583	0.00	0.01	0.743	O	|	|	|	3.86
313.667	0.00	0.01	0.743	O	|	|	|	3.86
313.750	0.00	0.01	0.743	O	|	|	|	3.86
313.833	0.00	0.01	0.743	O	|	|	|	3.86
313.917	0.00	0.01	0.743	O	|	|	|	3.86
314.000	0.00	0.01	0.743	O	|	|	|	3.86
314.083	0.00	0.01	0.743	O	|	|	|	3.86
314.167	0.00	0.01	0.743	O	|	|	|	3.86
314.250	0.00	0.01	0.743	O	|	|	|	3.86
314.333	0.00	0.01	0.743	O	|	|	|	3.86
314.417	0.00	0.01	0.743	O	|	|	|	3.86
314.500	0.00	0.01	0.743	O	|	|	|	3.86
314.583	0.00	0.01	0.743	O	|	|	|	3.86
314.667	0.00	0.01	0.743	O	|	|	|	3.86
314.750	0.00	0.01	0.742	O	|	|	|	3.86
314.833	0.00	0.01	0.742	O	|	|	|	3.86
314.917	0.00	0.01	0.742	O	|	|	|	3.86
315.000	0.00	0.01	0.742	O	|	|	|	3.86
315.083	0.00	0.01	0.742	O	|	|	|	3.86
315.167	0.00	0.01	0.742	O	|	|	|	3.85
315.250	0.00	0.01	0.742	O	|	|	|	3.85
315.333	0.00	0.01	0.742	O	|	|	|	3.85
315.417	0.00	0.01	0.742	O	|	|	|	3.85
315.500	0.00	0.01	0.742	O	|	|	|	3.85
315.583	0.00	0.01	0.742	O	|	|	|	3.85
315.667	0.00	0.01	0.742	O	|	|	|	3.85
315.750	0.00	0.01	0.742	O	|	|	|	3.85
315.833	0.00	0.01	0.742	O	|	|	|	3.85
315.917	0.00	0.01	0.742	O	|	|	|	3.85
316.000	0.00	0.01	0.741	O	|	|	|	3.85
316.083	0.00	0.01	0.741	O	|	|	|	3.85
316.167	0.00	0.01	0.741	O	|	|	|	3.85
316.250	0.00	0.01	0.741	O	|	|	|	3.85
316.333	0.00	0.01	0.741	O	|	|	|	3.85
316.417	0.00	0.01	0.741	O	|	|	|	3.85

316.500	0.00	0.01	0.741	O	|	|	|	3.85
316.583	0.00	0.01	0.741	O	|	|	|	3.85
316.667	0.00	0.01	0.741	O	|	|	|	3.85
316.750	0.00	0.01	0.741	O	|	|	|	3.85
316.833	0.00	0.01	0.741	O	|	|	|	3.85
316.917	0.00	0.01	0.741	O	|	|	|	3.85
317.000	0.00	0.01	0.741	O	|	|	|	3.85
317.083	0.00	0.01	0.741	O	|	|	|	3.85
317.167	0.00	0.01	0.740	O	|	|	|	3.85
317.250	0.00	0.01	0.740	O	|	|	|	3.85
317.333	0.00	0.01	0.740	O	|	|	|	3.85
317.417	0.00	0.01	0.740	O	|	|	|	3.85
317.500	0.00	0.01	0.740	O	|	|	|	3.84
317.583	0.00	0.01	0.740	O	|	|	|	3.84
317.667	0.00	0.01	0.740	O	|	|	|	3.84
317.750	0.00	0.01	0.740	O	|	|	|	3.84
317.833	0.00	0.01	0.740	O	|	|	|	3.84
317.917	0.00	0.01	0.740	O	|	|	|	3.84
318.000	0.00	0.01	0.740	O	|	|	|	3.84
318.083	0.00	0.01	0.740	O	|	|	|	3.84
318.167	0.00	0.01	0.740	O	|	|	|	3.84
318.250	0.00	0.01	0.740	O	|	|	|	3.84
318.333	0.00	0.01	0.740	O	|	|	|	3.84
318.417	0.00	0.01	0.739	O	|	|	|	3.84
318.500	0.00	0.01	0.739	O	|	|	|	3.84
318.583	0.00	0.01	0.739	O	|	|	|	3.84
318.667	0.00	0.01	0.739	O	|	|	|	3.84
318.750	0.00	0.01	0.739	O	|	|	|	3.84
318.833	0.00	0.01	0.739	O	|	|	|	3.84
318.917	0.00	0.01	0.739	O	|	|	|	3.84
319.000	0.00	0.01	0.739	O	|	|	|	3.84
319.083	0.00	0.01	0.739	O	|	|	|	3.84
319.167	0.00	0.01	0.739	O	|	|	|	3.84
319.250	0.00	0.01	0.739	O	|	|	|	3.84
319.333	0.00	0.01	0.739	O	|	|	|	3.84
319.417	0.00	0.01	0.739	O	|	|	|	3.84
319.500	0.00	0.01	0.739	O	|	|	|	3.84
319.583	0.00	0.01	0.738	O	|	|	|	3.84
319.667	0.00	0.01	0.738	O	|	|	|	3.84
319.750	0.00	0.01	0.738	O	|	|	|	3.84
319.833	0.00	0.01	0.738	O	|	|	|	3.83
319.917	0.00	0.01	0.738	O	|	|	|	3.83
320.000	0.00	0.01	0.738	O	|	|	|	3.83
320.083	0.00	0.01	0.738	O	|	|	|	3.83
320.167	0.00	0.01	0.738	O	|	|	|	3.83
320.250	0.00	0.01	0.738	O	|	|	|	3.83
320.333	0.00	0.01	0.738	O	|	|	|	3.83
320.417	0.00	0.01	0.738	O	|	|	|	3.83
320.500	0.00	0.01	0.738	O	|	|	|	3.83
320.583	0.00	0.01	0.738	O	|	|	|	3.83
320.667	0.00	0.01	0.738	O	|	|	|	3.83
320.750	0.00	0.01	0.738	O	|	|	|	3.83
320.833	0.00	0.01	0.737	O	|	|	|	3.83
320.917	0.00	0.01	0.737	O	|	|	|	3.83
321.000	0.00	0.01	0.737	O	|	|	|	3.83
321.083	0.00	0.01	0.737	O	|	|	|	3.83
321.167	0.00	0.01	0.737	O	|	|	|	3.83

321.250	0.00	0.01	0.737	O	|	|	|	3.83
321.333	0.00	0.01	0.737	O	|	|	|	3.83
321.417	0.00	0.01	0.737	O	|	|	|	3.83
321.500	0.00	0.01	0.737	O	|	|	|	3.83
321.583	0.00	0.01	0.737	O	|	|	|	3.83
321.667	0.00	0.01	0.737	O	|	|	|	3.83
321.750	0.00	0.01	0.737	O	|	|	|	3.83
321.833	0.00	0.01	0.737	O	|	|	|	3.83
321.917	0.00	0.01	0.737	O	|	|	|	3.83
322.000	0.00	0.01	0.736	O	|	|	|	3.83
322.083	0.00	0.01	0.736	O	|	|	|	3.83
322.167	0.00	0.01	0.736	O	|	|	|	3.82
322.250	0.00	0.01	0.736	O	|	|	|	3.82
322.333	0.00	0.01	0.736	O	|	|	|	3.82
322.417	0.00	0.01	0.736	O	|	|	|	3.82
322.500	0.00	0.01	0.736	O	|	|	|	3.82
322.583	0.00	0.01	0.736	O	|	|	|	3.82
322.667	0.00	0.01	0.736	O	|	|	|	3.82
322.750	0.00	0.01	0.736	O	|	|	|	3.82
322.833	0.00	0.01	0.736	O	|	|	|	3.82
322.917	0.00	0.01	0.736	O	|	|	|	3.82
323.000	0.00	0.01	0.736	O	|	|	|	3.82
323.083	0.00	0.01	0.736	O	|	|	|	3.82
323.167	0.00	0.01	0.736	O	|	|	|	3.82
323.250	0.00	0.01	0.735	O	|	|	|	3.82
323.333	0.00	0.01	0.735	O	|	|	|	3.82
323.417	0.00	0.01	0.735	O	|	|	|	3.82
323.500	0.00	0.01	0.735	O	|	|	|	3.82
323.583	0.00	0.01	0.735	O	|	|	|	3.82
323.667	0.00	0.01	0.735	O	|	|	|	3.82
323.750	0.00	0.01	0.735	O	|	|	|	3.82
323.833	0.00	0.01	0.735	O	|	|	|	3.82
323.917	0.00	0.01	0.735	O	|	|	|	3.82
324.000	0.00	0.01	0.735	O	|	|	|	3.82
324.083	0.00	0.01	0.735	O	|	|	|	3.82
324.167	0.00	0.01	0.735	O	|	|	|	3.82
324.250	0.00	0.01	0.735	O	|	|	|	3.82
324.333	0.00	0.01	0.735	O	|	|	|	3.82
324.417	0.00	0.01	0.734	O	|	|	|	3.82
324.500	0.00	0.01	0.734	O	|	|	|	3.81
324.583	0.00	0.01	0.734	O	|	|	|	3.81
324.667	0.00	0.01	0.734	O	|	|	|	3.81
324.750	0.00	0.01	0.734	O	|	|	|	3.81
324.833	0.00	0.01	0.734	O	|	|	|	3.81
324.917	0.00	0.01	0.734	O	|	|	|	3.81
325.000	0.00	0.01	0.734	O	|	|	|	3.81
325.083	0.00	0.01	0.734	O	|	|	|	3.81
325.167	0.00	0.01	0.734	O	|	|	|	3.81
325.250	0.00	0.01	0.734	O	|	|	|	3.81
325.333	0.00	0.01	0.734	O	|	|	|	3.81
325.417	0.00	0.01	0.734	O	|	|	|	3.81
325.500	0.00	0.01	0.734	O	|	|	|	3.81
325.583	0.00	0.01	0.734	O	|	|	|	3.81
325.667	0.00	0.01	0.733	O	|	|	|	3.81
325.750	0.00	0.01	0.733	O	|	|	|	3.81
325.833	0.00	0.01	0.733	O	|	|	|	3.81
325.917	0.00	0.01	0.733	O	|	|	|	3.81

326.000	0.00	0.01	0.733	O	|	|	|	3.81
326.083	0.00	0.01	0.733	O	|	|	|	3.81
326.167	0.00	0.01	0.733	O	|	|	|	3.81
326.250	0.00	0.01	0.733	O	|	|	|	3.81
326.333	0.00	0.01	0.733	O	|	|	|	3.81
326.417	0.00	0.01	0.733	O	|	|	|	3.81
326.500	0.00	0.01	0.733	O	|	|	|	3.81
326.583	0.00	0.01	0.733	O	|	|	|	3.81
326.667	0.00	0.01	0.733	O	|	|	|	3.81
326.750	0.00	0.01	0.733	O	|	|	|	3.81
326.833	0.00	0.01	0.732	O	|	|	|	3.80
326.917	0.00	0.01	0.732	O	|	|	|	3.80
327.000	0.00	0.01	0.732	O	|	|	|	3.80
327.083	0.00	0.01	0.732	O	|	|	|	3.80
327.167	0.00	0.01	0.732	O	|	|	|	3.80
327.250	0.00	0.01	0.732	O	|	|	|	3.80
327.333	0.00	0.01	0.732	O	|	|	|	3.80
327.417	0.00	0.01	0.732	O	|	|	|	3.80
327.500	0.00	0.01	0.732	O	|	|	|	3.80
327.583	0.00	0.01	0.732	O	|	|	|	3.80
327.667	0.00	0.01	0.732	O	|	|	|	3.80
327.750	0.00	0.01	0.732	O	|	|	|	3.80
327.833	0.00	0.01	0.732	O	|	|	|	3.80
327.917	0.00	0.01	0.732	O	|	|	|	3.80
328.000	0.00	0.01	0.732	O	|	|	|	3.80
328.083	0.00	0.01	0.731	O	|	|	|	3.80
328.167	0.00	0.01	0.731	O	|	|	|	3.80
328.250	0.00	0.01	0.731	O	|	|	|	3.80
328.333	0.00	0.01	0.731	O	|	|	|	3.80
328.417	0.00	0.01	0.731	O	|	|	|	3.80
328.500	0.00	0.01	0.731	O	|	|	|	3.80
328.583	0.00	0.01	0.731	O	|	|	|	3.80
328.667	0.00	0.01	0.731	O	|	|	|	3.80
328.750	0.00	0.01	0.731	O	|	|	|	3.80
328.833	0.00	0.01	0.731	O	|	|	|	3.80
328.917	0.00	0.01	0.731	O	|	|	|	3.80
329.000	0.00	0.01	0.731	O	|	|	|	3.80
329.083	0.00	0.01	0.731	O	|	|	|	3.79
329.167	0.00	0.01	0.731	O	|	|	|	3.79
329.250	0.00	0.01	0.731	O	|	|	|	3.79
329.333	0.00	0.01	0.730	O	|	|	|	3.79
329.417	0.00	0.01	0.730	O	|	|	|	3.79
329.500	0.00	0.01	0.730	O	|	|	|	3.79
329.583	0.00	0.01	0.730	O	|	|	|	3.79
329.667	0.00	0.01	0.730	O	|	|	|	3.79
329.750	0.00	0.01	0.730	O	|	|	|	3.79
329.833	0.00	0.01	0.730	O	|	|	|	3.79
329.917	0.00	0.01	0.730	O	|	|	|	3.79
330.000	0.00	0.01	0.730	O	|	|	|	3.79
330.083	0.00	0.01	0.730	O	|	|	|	3.79
330.167	0.00	0.01	0.730	O	|	|	|	3.79
330.250	0.00	0.01	0.730	O	|	|	|	3.79
330.333	0.00	0.01	0.730	O	|	|	|	3.79
330.417	0.00	0.01	0.730	O	|	|	|	3.79
330.500	0.00	0.01	0.729	O	|	|	|	3.79
330.583	0.00	0.01	0.729	O	|	|	|	3.79
330.667	0.00	0.01	0.729	O	|	|	|	3.79

330.750	0.00	0.01	0.729	O				3.79
330.833	0.00	0.01	0.729	O				3.79
330.917	0.00	0.01	0.729	O				3.79
331.000	0.00	0.01	0.729	O				3.79
331.083	0.00	0.01	0.729	O				3.79
331.167	0.00	0.01	0.729	O				3.79
331.250	0.00	0.01	0.729	O				3.79
331.333	0.00	0.01	0.729	O				3.79
331.417	0.00	0.01	0.729	O				3.78
331.500	0.00	0.01	0.729	O				3.78
331.583	0.00	0.01	0.729	O				3.78
331.667	0.00	0.01	0.729	O				3.78
331.750	0.00	0.01	0.728	O				3.78
331.833	0.00	0.01	0.728	O				3.78
331.917	0.00	0.01	0.728	O				3.78
332.000	0.00	0.01	0.728	O				3.78
332.083	0.00	0.01	0.728	O				3.78
332.167	0.00	0.01	0.728	O				3.78
332.250	0.00	0.01	0.728	O				3.78
332.333	0.00	0.01	0.728	O				3.78
332.417	0.00	0.01	0.728	O				3.78
332.500	0.00	0.01	0.728	O				3.78
332.583	0.00	0.01	0.728	O				3.78
332.667	0.00	0.01	0.728	O				3.78
332.750	0.00	0.01	0.728	O				3.78
332.833	0.00	0.01	0.728	O				3.78
332.917	0.00	0.01	0.727	O				3.78
333.000	0.00	0.01	0.727	O				3.78
333.083	0.00	0.01	0.727	O				3.78
333.167	0.00	0.01	0.727	O				3.78
333.250	0.00	0.01	0.727	O				3.78
333.333	0.00	0.01	0.727	O				3.78
333.417	0.00	0.01	0.727	O				3.78
333.500	0.00	0.01	0.727	O				3.78
333.583	0.00	0.01	0.727	O				3.78
333.667	0.00	0.01	0.727	O				3.78
333.750	0.00	0.01	0.727	O				3.77
333.833	0.00	0.01	0.727	O				3.77
333.917	0.00	0.01	0.727	O				3.77
334.000	0.00	0.01	0.727	O				3.77
334.083	0.00	0.01	0.727	O				3.77
334.167	0.00	0.01	0.726	O				3.77
334.250	0.00	0.01	0.726	O				3.77
334.333	0.00	0.01	0.726	O				3.77
334.417	0.00	0.01	0.726	O				3.77
334.500	0.00	0.01	0.726	O				3.77
334.583	0.00	0.01	0.726	O				3.77
334.667	0.00	0.01	0.726	O				3.77
334.750	0.00	0.01	0.726	O				3.77
334.833	0.00	0.01	0.726	O				3.77
334.917	0.00	0.01	0.726	O				3.77
335.000	0.00	0.01	0.726	O				3.77
335.083	0.00	0.01	0.726	O				3.77
335.167	0.00	0.01	0.726	O				3.77
335.250	0.00	0.01	0.726	O				3.77
335.333	0.00	0.01	0.725	O				3.77
335.417	0.00	0.01	0.725	O				3.77

335.500	0.00	0.01	0.725	O	|	|	|	3.77
335.583	0.00	0.01	0.725	O	|	|	|	3.77
335.667	0.00	0.01	0.725	O	|	|	|	3.77
335.750	0.00	0.01	0.725	O	|	|	|	3.77
335.833	0.00	0.01	0.725	O	|	|	|	3.77
335.917	0.00	0.01	0.725	O	|	|	|	3.77
336.000	0.00	0.01	0.725	O	|	|	|	3.77
336.083	0.00	0.01	0.725	O	|	|	|	3.76
336.167	0.00	0.01	0.725	O	|	|	|	3.76
336.250	0.00	0.01	0.725	O	|	|	|	3.76
336.333	0.00	0.01	0.725	O	|	|	|	3.76
336.417	0.00	0.01	0.725	O	|	|	|	3.76
336.500	0.00	0.01	0.725	O	|	|	|	3.76
336.583	0.00	0.01	0.724	O	|	|	|	3.76
336.667	0.00	0.01	0.724	O	|	|	|	3.76
336.750	0.00	0.01	0.724	O	|	|	|	3.76
336.833	0.00	0.01	0.724	O	|	|	|	3.76
336.917	0.00	0.01	0.724	O	|	|	|	3.76
337.000	0.00	0.01	0.724	O	|	|	|	3.76
337.083	0.00	0.01	0.724	O	|	|	|	3.76
337.167	0.00	0.01	0.724	O	|	|	|	3.76
337.250	0.00	0.01	0.724	O	|	|	|	3.76
337.333	0.00	0.01	0.724	O	|	|	|	3.76
337.417	0.00	0.01	0.724	O	|	|	|	3.76
337.500	0.00	0.01	0.724	O	|	|	|	3.76
337.583	0.00	0.01	0.724	O	|	|	|	3.76
337.667	0.00	0.01	0.724	O	|	|	|	3.76
337.750	0.00	0.01	0.723	O	|	|	|	3.76
337.833	0.00	0.01	0.723	O	|	|	|	3.76
337.917	0.00	0.01	0.723	O	|	|	|	3.76
338.000	0.00	0.01	0.723	O	|	|	|	3.76
338.083	0.00	0.01	0.723	O	|	|	|	3.76
338.167	0.00	0.01	0.723	O	|	|	|	3.76
338.250	0.00	0.01	0.723	O	|	|	|	3.76
338.333	0.00	0.01	0.723	O	|	|	|	3.76
338.417	0.00	0.01	0.723	O	|	|	|	3.75
338.500	0.00	0.01	0.723	O	|	|	|	3.75
338.583	0.00	0.01	0.723	O	|	|	|	3.75
338.667	0.00	0.01	0.723	O	|	|	|	3.75
338.750	0.00	0.01	0.723	O	|	|	|	3.75
338.833	0.00	0.01	0.723	O	|	|	|	3.75
338.917	0.00	0.01	0.723	O	|	|	|	3.75
339.000	0.00	0.01	0.722	O	|	|	|	3.75
339.083	0.00	0.01	0.722	O	|	|	|	3.75
339.167	0.00	0.01	0.722	O	|	|	|	3.75
339.250	0.00	0.01	0.722	O	|	|	|	3.75
339.333	0.00	0.01	0.722	O	|	|	|	3.75
339.417	0.00	0.01	0.722	O	|	|	|	3.75
339.500	0.00	0.01	0.722	O	|	|	|	3.75
339.583	0.00	0.01	0.722	O	|	|	|	3.75
339.667	0.00	0.01	0.722	O	|	|	|	3.75
339.750	0.00	0.01	0.722	O	|	|	|	3.75
339.833	0.00	0.01	0.722	O	|	|	|	3.75
339.917	0.00	0.01	0.722	O	|	|	|	3.75
340.000	0.00	0.01	0.722	O	|	|	|	3.75
340.083	0.00	0.01	0.722	O	|	|	|	3.75
340.167	0.00	0.01	0.721	O	|	|	|	3.75

340.250	0.00	0.01	0.721	O	|	|	|	|	3.75
340.333	0.00	0.01	0.721	O	|	|	|	|	3.75
340.417	0.00	0.01	0.721	O	|	|	|	|	3.75
340.500	0.00	0.01	0.721	O	|	|	|	|	3.75
340.583	0.00	0.01	0.721	O	|	|	|	|	3.75
340.667	0.00	0.01	0.721	O	|	|	|	|	3.75
340.750	0.00	0.01	0.721	O	|	|	|	|	3.74
340.833	0.00	0.01	0.721	O	|	|	|	|	3.74
340.917	0.00	0.01	0.721	O	|	|	|	|	3.74
341.000	0.00	0.01	0.721	O	|	|	|	|	3.74
341.083	0.00	0.01	0.721	O	|	|	|	|	3.74
341.167	0.00	0.01	0.721	O	|	|	|	|	3.74
341.250	0.00	0.01	0.721	O	|	|	|	|	3.74
341.333	0.00	0.01	0.721	O	|	|	|	|	3.74
341.417	0.00	0.01	0.720	O	|	|	|	|	3.74
341.500	0.00	0.01	0.720	O	|	|	|	|	3.74
341.583	0.00	0.01	0.720	O	|	|	|	|	3.74
341.667	0.00	0.01	0.720	O	|	|	|	|	3.74
341.750	0.00	0.01	0.720	O	|	|	|	|	3.74
341.833	0.00	0.01	0.720	O	|	|	|	|	3.74
341.917	0.00	0.01	0.720	O	|	|	|	|	3.74
342.000	0.00	0.01	0.720	O	|	|	|	|	3.74
342.083	0.00	0.01	0.720	O	|	|	|	|	3.74
342.167	0.00	0.01	0.720	O	|	|	|	|	3.74
342.250	0.00	0.01	0.720	O	|	|	|	|	3.74
342.333	0.00	0.01	0.720	O	|	|	|	|	3.74
342.417	0.00	0.01	0.720	O	|	|	|	|	3.74
342.500	0.00	0.01	0.720	O	|	|	|	|	3.74
342.583	0.00	0.01	0.719	O	|	|	|	|	3.74
342.667	0.00	0.01	0.719	O	|	|	|	|	3.74
342.750	0.00	0.01	0.719	O	|	|	|	|	3.74
342.833	0.00	0.01	0.719	O	|	|	|	|	3.74
342.917	0.00	0.01	0.719	O	|	|	|	|	3.74
343.000	0.00	0.01	0.719	O	|	|	|	|	3.74
343.083	0.00	0.01	0.719	O	|	|	|	|	3.73
343.167	0.00	0.01	0.719	O	|	|	|	|	3.73
343.250	0.00	0.01	0.719	O	|	|	|	|	3.73
343.333	0.00	0.01	0.719	O	|	|	|	|	3.73
343.417	0.00	0.01	0.719	O	|	|	|	|	3.73
343.500	0.00	0.01	0.719	O	|	|	|	|	3.73
343.583	0.00	0.01	0.719	O	|	|	|	|	3.73
343.667	0.00	0.01	0.719	O	|	|	|	|	3.73
343.750	0.00	0.01	0.719	O	|	|	|	|	3.73
343.833	0.00	0.01	0.718	O	|	|	|	|	3.73
343.917	0.00	0.01	0.718	O	|	|	|	|	3.73
344.000	0.00	0.01	0.718	O	|	|	|	|	3.73
344.083	0.00	0.01	0.718	O	|	|	|	|	3.73
344.167	0.00	0.01	0.718	O	|	|	|	|	3.73
344.250	0.00	0.01	0.718	O	|	|	|	|	3.73
344.333	0.00	0.01	0.718	O	|	|	|	|	3.73
344.417	0.00	0.01	0.718	O	|	|	|	|	3.73
344.500	0.00	0.01	0.718	O	|	|	|	|	3.73
344.583	0.00	0.01	0.718	O	|	|	|	|	3.73
344.667	0.00	0.01	0.718	O	|	|	|	|	3.73
344.750	0.00	0.01	0.718	O	|	|	|	|	3.73
344.833	0.00	0.01	0.718	O	|	|	|	|	3.73
344.917	0.00	0.01	0.718	O	|	|	|	|	3.73

345.000	0.00	0.01	0.717	O	|	|	|	3.73
345.083	0.00	0.01	0.717	O	|	|	|	3.73
345.167	0.00	0.01	0.717	O	|	|	|	3.73
345.250	0.00	0.01	0.717	O	|	|	|	3.73
345.333	0.00	0.01	0.717	O	|	|	|	3.73
345.417	0.00	0.01	0.717	O	|	|	|	3.72
345.500	0.00	0.01	0.717	O	|	|	|	3.72
345.583	0.00	0.01	0.717	O	|	|	|	3.72
345.667	0.00	0.01	0.717	O	|	|	|	3.72
345.750	0.00	0.01	0.717	O	|	|	|	3.72
345.833	0.00	0.01	0.717	O	|	|	|	3.72
345.917	0.00	0.01	0.717	O	|	|	|	3.72
346.000	0.00	0.01	0.717	O	|	|	|	3.72
346.083	0.00	0.01	0.717	O	|	|	|	3.72
346.167	0.00	0.01	0.717	O	|	|	|	3.72
346.250	0.00	0.01	0.716	O	|	|	|	3.72
346.333	0.00	0.01	0.716	O	|	|	|	3.72
346.417	0.00	0.01	0.716	O	|	|	|	3.72
346.500	0.00	0.01	0.716	O	|	|	|	3.72
346.583	0.00	0.01	0.716	O	|	|	|	3.72
346.667	0.00	0.01	0.716	O	|	|	|	3.72
346.750	0.00	0.01	0.716	O	|	|	|	3.72
346.833	0.00	0.01	0.716	O	|	|	|	3.72
346.917	0.00	0.01	0.716	O	|	|	|	3.72
347.000	0.00	0.01	0.716	O	|	|	|	3.72
347.083	0.00	0.01	0.716	O	|	|	|	3.72
347.167	0.00	0.01	0.716	O	|	|	|	3.72
347.250	0.00	0.01	0.716	O	|	|	|	3.72
347.333	0.00	0.01	0.716	O	|	|	|	3.72
347.417	0.00	0.01	0.715	O	|	|	|	3.72
347.500	0.00	0.01	0.715	O	|	|	|	3.72
347.583	0.00	0.01	0.715	O	|	|	|	3.72
347.667	0.00	0.01	0.715	O	|	|	|	3.72
347.750	0.00	0.01	0.715	O	|	|	|	3.71
347.833	0.00	0.01	0.715	O	|	|	|	3.71
347.917	0.00	0.01	0.715	O	|	|	|	3.71
348.000	0.00	0.01	0.715	O	|	|	|	3.71
348.083	0.00	0.01	0.715	O	|	|	|	3.71
348.167	0.00	0.01	0.715	O	|	|	|	3.71
348.250	0.00	0.01	0.715	O	|	|	|	3.71
348.333	0.00	0.01	0.715	O	|	|	|	3.71
348.417	0.00	0.01	0.715	O	|	|	|	3.71
348.500	0.00	0.01	0.715	O	|	|	|	3.71
348.583	0.00	0.01	0.715	O	|	|	|	3.71
348.667	0.00	0.01	0.714	O	|	|	|	3.71
348.750	0.00	0.01	0.714	O	|	|	|	3.71
348.833	0.00	0.01	0.714	O	|	|	|	3.71
348.917	0.00	0.01	0.714	O	|	|	|	3.71
349.000	0.00	0.01	0.714	O	|	|	|	3.71
349.083	0.00	0.01	0.714	O	|	|	|	3.71
349.167	0.00	0.01	0.714	O	|	|	|	3.71
349.250	0.00	0.01	0.714	O	|	|	|	3.71
349.333	0.00	0.01	0.714	O	|	|	|	3.71
349.417	0.00	0.01	0.714	O	|	|	|	3.71
349.500	0.00	0.01	0.714	O	|	|	|	3.71
349.583	0.00	0.01	0.714	O	|	|	|	3.71
349.667	0.00	0.01	0.714	O	|	|	|	3.71

349.750	0.00	0.01	0.714	O	|	|	|	3.71
349.833	0.00	0.01	0.713	O	|	|	|	3.71
349.917	0.00	0.01	0.713	O	|	|	|	3.71
350.000	0.00	0.01	0.713	O	|	|	|	3.70
350.083	0.00	0.01	0.713	O	|	|	|	3.70
350.167	0.00	0.01	0.713	O	|	|	|	3.70
350.250	0.00	0.01	0.713	O	|	|	|	3.70
350.333	0.00	0.01	0.713	O	|	|	|	3.70
350.417	0.00	0.01	0.713	O	|	|	|	3.70
350.500	0.00	0.01	0.713	O	|	|	|	3.70
350.583	0.00	0.01	0.713	O	|	|	|	3.70
350.667	0.00	0.01	0.713	O	|	|	|	3.70
350.750	0.00	0.01	0.713	O	|	|	|	3.70
350.833	0.00	0.01	0.713	O	|	|	|	3.70
350.917	0.00	0.01	0.713	O	|	|	|	3.70
351.000	0.00	0.01	0.713	O	|	|	|	3.70
351.083	0.00	0.01	0.712	O	|	|	|	3.70
351.167	0.00	0.01	0.712	O	|	|	|	3.70
351.250	0.00	0.01	0.712	O	|	|	|	3.70
351.333	0.00	0.01	0.712	O	|	|	|	3.70
351.417	0.00	0.01	0.712	O	|	|	|	3.70
351.500	0.00	0.01	0.712	O	|	|	|	3.70
351.583	0.00	0.01	0.712	O	|	|	|	3.70
351.667	0.00	0.01	0.712	O	|	|	|	3.70
351.750	0.00	0.01	0.712	O	|	|	|	3.70
351.833	0.00	0.01	0.712	O	|	|	|	3.70
351.917	0.00	0.01	0.712	O	|	|	|	3.70
352.000	0.00	0.01	0.712	O	|	|	|	3.70
352.083	0.00	0.01	0.712	O	|	|	|	3.70
352.167	0.00	0.01	0.712	O	|	|	|	3.70
352.250	0.00	0.01	0.711	O	|	|	|	3.70
352.333	0.00	0.01	0.711	O	|	|	|	3.69
352.417	0.00	0.01	0.711	O	|	|	|	3.69
352.500	0.00	0.01	0.711	O	|	|	|	3.69
352.583	0.00	0.01	0.711	O	|	|	|	3.69
352.667	0.00	0.01	0.711	O	|	|	|	3.69
352.750	0.00	0.01	0.711	O	|	|	|	3.69
352.833	0.00	0.01	0.711	O	|	|	|	3.69
352.917	0.00	0.01	0.711	O	|	|	|	3.69
353.000	0.00	0.01	0.711	O	|	|	|	3.69
353.083	0.00	0.01	0.711	O	|	|	|	3.69
353.167	0.00	0.01	0.711	O	|	|	|	3.69
353.250	0.00	0.01	0.711	O	|	|	|	3.69
353.333	0.00	0.01	0.711	O	|	|	|	3.69
353.417	0.00	0.01	0.711	O	|	|	|	3.69
353.500	0.00	0.01	0.710	O	|	|	|	3.69
353.583	0.00	0.01	0.710	O	|	|	|	3.69
353.667	0.00	0.01	0.710	O	|	|	|	3.69
353.750	0.00	0.01	0.710	O	|	|	|	3.69
353.833	0.00	0.01	0.710	O	|	|	|	3.69
353.917	0.00	0.01	0.710	O	|	|	|	3.69
354.000	0.00	0.01	0.710	O	|	|	|	3.69
354.083	0.00	0.01	0.710	O	|	|	|	3.69
354.167	0.00	0.01	0.710	O	|	|	|	3.69
354.250	0.00	0.01	0.710	O	|	|	|	3.69
354.333	0.00	0.01	0.710	O	|	|	|	3.69
354.417	0.00	0.01	0.710	O	|	|	|	3.69

354.500	0.00	0.01	0.710	O	|	|	|	3.69
354.583	0.00	0.01	0.710	O	|	|	|	3.69
354.667	0.00	0.01	0.709	O	|	|	|	3.68
354.750	0.00	0.01	0.709	O	|	|	|	3.68
354.833	0.00	0.01	0.709	O	|	|	|	3.68
354.917	0.00	0.01	0.709	O	|	|	|	3.68
355.000	0.00	0.01	0.709	O	|	|	|	3.68
355.083	0.00	0.01	0.709	O	|	|	|	3.68
355.167	0.00	0.01	0.709	O	|	|	|	3.68
355.250	0.00	0.01	0.709	O	|	|	|	3.68
355.333	0.00	0.01	0.709	O	|	|	|	3.68
355.417	0.00	0.01	0.709	O	|	|	|	3.68
355.500	0.00	0.01	0.709	O	|	|	|	3.68
355.583	0.00	0.01	0.709	O	|	|	|	3.68
355.667	0.00	0.01	0.709	O	|	|	|	3.68
355.750	0.00	0.01	0.709	O	|	|	|	3.68
355.833	0.00	0.01	0.709	O	|	|	|	3.68
355.917	0.00	0.01	0.708	O	|	|	|	3.68
356.000	0.00	0.01	0.708	O	|	|	|	3.68
356.083	0.00	0.01	0.708	O	|	|	|	3.68
356.167	0.00	0.01	0.708	O	|	|	|	3.68
356.250	0.00	0.01	0.708	O	|	|	|	3.68
356.333	0.00	0.01	0.708	O	|	|	|	3.68
356.417	0.00	0.01	0.708	O	|	|	|	3.68
356.500	0.00	0.01	0.708	O	|	|	|	3.68
356.583	0.00	0.01	0.708	O	|	|	|	3.68
356.667	0.00	0.01	0.708	O	|	|	|	3.68
356.750	0.00	0.01	0.708	O	|	|	|	3.68
356.833	0.00	0.01	0.708	O	|	|	|	3.68
356.917	0.00	0.01	0.708	O	|	|	|	3.68
357.000	0.00	0.01	0.708	O	|	|	|	3.67
357.083	0.00	0.01	0.707	O	|	|	|	3.67
357.167	0.00	0.01	0.707	O	|	|	|	3.67
357.250	0.00	0.01	0.707	O	|	|	|	3.67
357.333	0.00	0.01	0.707	O	|	|	|	3.67
357.417	0.00	0.01	0.707	O	|	|	|	3.67
357.500	0.00	0.01	0.707	O	|	|	|	3.67
357.583	0.00	0.01	0.707	O	|	|	|	3.67
357.667	0.00	0.01	0.707	O	|	|	|	3.67
357.750	0.00	0.01	0.707	O	|	|	|	3.67
357.833	0.00	0.01	0.707	O	|	|	|	3.67
357.917	0.00	0.01	0.707	O	|	|	|	3.67
358.000	0.00	0.01	0.707	O	|	|	|	3.67
358.083	0.00	0.01	0.707	O	|	|	|	3.67
358.167	0.00	0.01	0.707	O	|	|	|	3.67
358.250	0.00	0.01	0.707	O	|	|	|	3.67
358.333	0.00	0.01	0.706	O	|	|	|	3.67
358.417	0.00	0.01	0.706	O	|	|	|	3.67
358.500	0.00	0.01	0.706	O	|	|	|	3.67
358.583	0.00	0.01	0.706	O	|	|	|	3.67
358.667	0.00	0.01	0.706	O	|	|	|	3.67
358.750	0.00	0.01	0.706	O	|	|	|	3.67
358.833	0.00	0.01	0.706	O	|	|	|	3.67
358.917	0.00	0.01	0.706	O	|	|	|	3.67
359.000	0.00	0.01	0.706	O	|	|	|	3.67
359.083	0.00	0.01	0.706	O	|	|	|	3.67
359.167	0.00	0.01	0.706	O	|	|	|	3.67

359.250	0.00	0.01	0.706	O	|	|	|	3.67
359.333	0.00	0.01	0.706	O	|	|	|	3.66
359.417	0.00	0.01	0.706	O	|	|	|	3.66
359.500	0.00	0.01	0.706	O	|	|	|	3.66
359.583	0.00	0.01	0.705	O	|	|	|	3.66
359.667	0.00	0.01	0.705	O	|	|	|	3.66
359.750	0.00	0.01	0.705	O	|	|	|	3.66
359.833	0.00	0.01	0.705	O	|	|	|	3.66
359.917	0.00	0.01	0.705	O	|	|	|	3.66
360.000	0.00	0.01	0.705	O	|	|	|	3.66
360.083	0.00	0.01	0.705	O	|	|	|	3.66
360.167	0.00	0.01	0.705	O	|	|	|	3.66
360.250	0.00	0.01	0.705	O	|	|	|	3.66
360.333	0.00	0.01	0.705	O	|	|	|	3.66
360.417	0.00	0.01	0.705	O	|	|	|	3.66
360.500	0.00	0.01	0.705	O	|	|	|	3.66
360.583	0.00	0.01	0.705	O	|	|	|	3.66
360.667	0.00	0.01	0.705	O	|	|	|	3.66
360.750	0.00	0.01	0.704	O	|	|	|	3.66
360.833	0.00	0.01	0.704	O	|	|	|	3.66
360.917	0.00	0.01	0.704	O	|	|	|	3.66
361.000	0.00	0.01	0.704	O	|	|	|	3.66
361.083	0.00	0.01	0.704	O	|	|	|	3.66
361.167	0.00	0.01	0.704	O	|	|	|	3.66
361.250	0.00	0.01	0.704	O	|	|	|	3.66
361.333	0.00	0.01	0.704	O	|	|	|	3.66
361.417	0.00	0.01	0.704	O	|	|	|	3.66
361.500	0.00	0.01	0.704	O	|	|	|	3.66
361.583	0.00	0.01	0.704	O	|	|	|	3.66
361.667	0.00	0.01	0.704	O	|	|	|	3.65
361.750	0.00	0.01	0.704	O	|	|	|	3.65
361.833	0.00	0.01	0.704	O	|	|	|	3.65
361.917	0.00	0.01	0.704	O	|	|	|	3.65
362.000	0.00	0.01	0.703	O	|	|	|	3.65
362.083	0.00	0.01	0.703	O	|	|	|	3.65
362.167	0.00	0.01	0.703	O	|	|	|	3.65
362.250	0.00	0.01	0.703	O	|	|	|	3.65
362.333	0.00	0.01	0.703	O	|	|	|	3.65
362.417	0.00	0.01	0.703	O	|	|	|	3.65
362.500	0.00	0.01	0.703	O	|	|	|	3.65
362.583	0.00	0.01	0.703	O	|	|	|	3.65
362.667	0.00	0.01	0.703	O	|	|	|	3.65
362.750	0.00	0.01	0.703	O	|	|	|	3.65
362.833	0.00	0.01	0.703	O	|	|	|	3.65
362.917	0.00	0.01	0.703	O	|	|	|	3.65
363.000	0.00	0.01	0.703	O	|	|	|	3.65
363.083	0.00	0.01	0.703	O	|	|	|	3.65
363.167	0.00	0.01	0.702	O	|	|	|	3.65
363.250	0.00	0.01	0.702	O	|	|	|	3.65
363.333	0.00	0.01	0.702	O	|	|	|	3.65
363.417	0.00	0.01	0.702	O	|	|	|	3.65
363.500	0.00	0.01	0.702	O	|	|	|	3.65
363.583	0.00	0.01	0.702	O	|	|	|	3.65
363.667	0.00	0.01	0.702	O	|	|	|	3.65
363.750	0.00	0.01	0.702	O	|	|	|	3.65
363.833	0.00	0.01	0.702	O	|	|	|	3.65
363.917	0.00	0.01	0.702	O	|	|	|	3.65

364.000	0.00	0.01	0.702	O	|	|	|	3.64
364.083	0.00	0.01	0.702	O	|	|	|	3.64
364.167	0.00	0.01	0.702	O	|	|	|	3.64
364.250	0.00	0.01	0.702	O	|	|	|	3.64
364.333	0.00	0.01	0.702	O	|	|	|	3.64
364.417	0.00	0.01	0.701	O	|	|	|	3.64
364.500	0.00	0.01	0.701	O	|	|	|	3.64
364.583	0.00	0.01	0.701	O	|	|	|	3.64
364.667	0.00	0.01	0.701	O	|	|	|	3.64
364.750	0.00	0.01	0.701	O	|	|	|	3.64
364.833	0.00	0.01	0.701	O	|	|	|	3.64
364.917	0.00	0.01	0.701	O	|	|	|	3.64
365.000	0.00	0.01	0.701	O	|	|	|	3.64
365.083	0.00	0.01	0.701	O	|	|	|	3.64
365.167	0.00	0.01	0.701	O	|	|	|	3.64
365.250	0.00	0.01	0.701	O	|	|	|	3.64
365.333	0.00	0.01	0.701	O	|	|	|	3.64
365.417	0.00	0.01	0.701	O	|	|	|	3.64
365.500	0.00	0.01	0.701	O	|	|	|	3.64
365.583	0.00	0.01	0.700	O	|	|	|	3.64
365.667	0.00	0.01	0.700	O	|	|	|	3.64
365.750	0.00	0.01	0.700	O	|	|	|	3.64
365.833	0.00	0.01	0.700	O	|	|	|	3.64
365.917	0.00	0.01	0.700	O	|	|	|	3.64
366.000	0.00	0.01	0.700	O	|	|	|	3.64
366.083	0.00	0.01	0.700	O	|	|	|	3.64
366.167	0.00	0.01	0.700	O	|	|	|	3.64
366.250	0.00	0.01	0.700	O	|	|	|	3.64
366.333	0.00	0.01	0.700	O	|	|	|	3.63
366.417	0.00	0.01	0.700	O	|	|	|	3.63
366.500	0.00	0.01	0.700	O	|	|	|	3.63
366.583	0.00	0.01	0.700	O	|	|	|	3.63
366.667	0.00	0.01	0.700	O	|	|	|	3.63
366.750	0.00	0.01	0.700	O	|	|	|	3.63
366.833	0.00	0.01	0.699	O	|	|	|	3.63
366.917	0.00	0.01	0.699	O	|	|	|	3.63
367.000	0.00	0.01	0.699	O	|	|	|	3.63
367.083	0.00	0.01	0.699	O	|	|	|	3.63
367.167	0.00	0.01	0.699	O	|	|	|	3.63
367.250	0.00	0.01	0.699	O	|	|	|	3.63
367.333	0.00	0.01	0.699	O	|	|	|	3.63
367.417	0.00	0.01	0.699	O	|	|	|	3.63
367.500	0.00	0.01	0.699	O	|	|	|	3.63
367.583	0.00	0.01	0.699	O	|	|	|	3.63
367.667	0.00	0.01	0.699	O	|	|	|	3.63
367.750	0.00	0.01	0.699	O	|	|	|	3.63
367.833	0.00	0.01	0.699	O	|	|	|	3.63
367.917	0.00	0.01	0.699	O	|	|	|	3.63
368.000	0.00	0.01	0.698	O	|	|	|	3.63
368.083	0.00	0.01	0.698	O	|	|	|	3.63
368.167	0.00	0.01	0.698	O	|	|	|	3.63
368.250	0.00	0.01	0.698	O	|	|	|	3.63
368.333	0.00	0.01	0.698	O	|	|	|	3.63
368.417	0.00	0.01	0.698	O	|	|	|	3.63
368.500	0.00	0.01	0.698	O	|	|	|	3.63
368.583	0.00	0.01	0.698	O	|	|	|	3.62
368.667	0.00	0.01	0.698	O	|	|	|	3.62

368.750	0.00	0.01	0.698	O					3.62
368.833	0.00	0.01	0.698	O					3.62
368.917	0.00	0.01	0.698	O					3.62
369.000	0.00	0.01	0.698	O					3.62
369.083	0.00	0.01	0.698	O					3.62
369.167	0.00	0.01	0.698	O					3.62
369.250	0.00	0.01	0.697	O					3.62
369.333	0.00	0.01	0.697	O					3.62
369.417	0.00	0.01	0.697	O					3.62
369.500	0.00	0.01	0.697	O					3.62
369.583	0.00	0.01	0.697	O					3.62
369.667	0.00	0.01	0.697	O					3.62
369.750	0.00	0.01	0.697	O					3.62
369.833	0.00	0.01	0.697	O					3.62
369.917	0.00	0.01	0.697	O					3.62
370.000	0.00	0.01	0.697	O					3.62
370.083	0.00	0.01	0.697	O					3.62
370.167	0.00	0.01	0.697	O					3.62
370.250	0.00	0.01	0.697	O					3.62
370.333	0.00	0.01	0.697	O					3.62
370.417	0.00	0.01	0.696	O					3.62
370.500	0.00	0.01	0.696	O					3.62
370.583	0.00	0.01	0.696	O					3.62
370.667	0.00	0.01	0.696	O					3.62
370.750	0.00	0.01	0.696	O					3.62
370.833	0.00	0.01	0.696	O					3.62
370.917	0.00	0.01	0.696	O					3.61
371.000	0.00	0.01	0.696	O					3.61
371.083	0.00	0.01	0.696	O					3.61
371.167	0.00	0.01	0.696	O					3.61
371.250	0.00	0.01	0.696	O					3.61
371.333	0.00	0.01	0.696	O					3.61
371.417	0.00	0.01	0.696	O					3.61
371.500	0.00	0.01	0.696	O					3.61
371.583	0.00	0.01	0.696	O					3.61
371.667	0.00	0.01	0.695	O					3.61
371.750	0.00	0.01	0.695	O					3.61
371.833	0.00	0.01	0.695	O					3.61
371.917	0.00	0.01	0.695	O					3.61
372.000	0.00	0.01	0.695	O					3.61
372.083	0.00	0.01	0.695	O					3.61
372.167	0.00	0.01	0.695	O					3.61
372.250	0.00	0.01	0.695	O					3.61
372.333	0.00	0.01	0.695	O					3.61
372.417	0.00	0.01	0.695	O					3.61
372.500	0.00	0.01	0.695	O					3.61
372.583	0.00	0.01	0.695	O					3.61
372.667	0.00	0.01	0.695	O					3.61
372.750	0.00	0.01	0.695	O					3.61
372.833	0.00	0.01	0.694	O					3.61
372.917	0.00	0.01	0.694	O					3.61
373.000	0.00	0.01	0.694	O					3.61
373.083	0.00	0.01	0.694	O					3.61
373.167	0.00	0.01	0.694	O					3.61
373.250	0.00	0.01	0.694	O					3.60
373.333	0.00	0.01	0.694	O					3.60
373.417	0.00	0.01	0.694	O					3.60

373.500	0.00	0.01	0.694	O					3.60
373.583	0.00	0.01	0.694	O					3.60
373.667	0.00	0.01	0.694	O					3.60
373.750	0.00	0.01	0.694	O					3.60
373.833	0.00	0.01	0.694	O					3.60
373.917	0.00	0.01	0.694	O					3.60
374.000	0.00	0.01	0.694	O					3.60
374.083	0.00	0.01	0.693	O					3.60
374.167	0.00	0.01	0.693	O					3.60
374.250	0.00	0.01	0.693	O					3.60
374.333	0.00	0.01	0.693	O					3.60
374.417	0.00	0.01	0.693	O					3.60
374.500	0.00	0.01	0.693	O					3.60
374.583	0.00	0.01	0.693	O					3.60
374.667	0.00	0.01	0.693	O					3.60
374.750	0.00	0.01	0.693	O					3.60
374.833	0.00	0.01	0.693	O					3.60
374.917	0.00	0.01	0.693	O					3.60
375.000	0.00	0.01	0.693	O					3.60
375.083	0.00	0.01	0.693	O					3.60
375.167	0.00	0.01	0.693	O					3.60
375.250	0.00	0.01	0.692	O					3.60
375.333	0.00	0.01	0.692	O					3.60
375.417	0.00	0.01	0.692	O					3.60
375.500	0.00	0.01	0.692	O					3.60
375.583	0.00	0.01	0.692	O					3.59
375.667	0.00	0.01	0.692	O					3.59
375.750	0.00	0.01	0.692	O					3.59
375.833	0.00	0.01	0.692	O					3.59
375.917	0.00	0.01	0.692	O					3.59
376.000	0.00	0.01	0.692	O					3.59
376.083	0.00	0.01	0.692	O					3.59
376.167	0.00	0.01	0.692	O					3.59
376.250	0.00	0.01	0.692	O					3.59
376.333	0.00	0.01	0.692	O					3.59
376.417	0.00	0.01	0.692	O					3.59
376.500	0.00	0.01	0.691	O					3.59
376.583	0.00	0.01	0.691	O					3.59
376.667	0.00	0.01	0.691	O					3.59
376.750	0.00	0.01	0.691	O					3.59
376.833	0.00	0.01	0.691	O					3.59
376.917	0.00	0.01	0.691	O					3.59
377.000	0.00	0.01	0.691	O					3.59
377.083	0.00	0.01	0.691	O					3.59
377.167	0.00	0.01	0.691	O					3.59
377.250	0.00	0.01	0.691	O					3.59
377.333	0.00	0.01	0.691	O					3.59
377.417	0.00	0.01	0.691	O					3.59
377.500	0.00	0.01	0.691	O					3.59
377.583	0.00	0.01	0.691	O					3.59
377.667	0.00	0.01	0.690	O					3.59
377.750	0.00	0.01	0.690	O					3.59
377.833	0.00	0.01	0.690	O					3.59
377.917	0.00	0.01	0.690	O					3.58
378.000	0.00	0.01	0.690	O					3.58
378.083	0.00	0.01	0.690	O					3.58
378.167	0.00	0.01	0.690	O					3.58

378.250	0.00	0.01	0.690	O	|	|	|	3.58
378.333	0.00	0.01	0.690	O	|	|	|	3.58
378.417	0.00	0.01	0.690	O	|	|	|	3.58
378.500	0.00	0.01	0.690	O	|	|	|	3.58
378.583	0.00	0.01	0.690	O	|	|	|	3.58
378.667	0.00	0.01	0.690	O	|	|	|	3.58
378.750	0.00	0.01	0.690	O	|	|	|	3.58
378.833	0.00	0.01	0.690	O	|	|	|	3.58
378.917	0.00	0.01	0.689	O	|	|	|	3.58
379.000	0.00	0.01	0.689	O	|	|	|	3.58
379.083	0.00	0.01	0.689	O	|	|	|	3.58
379.167	0.00	0.01	0.689	O	|	|	|	3.58
379.250	0.00	0.01	0.689	O	|	|	|	3.58
379.333	0.00	0.01	0.689	O	|	|	|	3.58
379.417	0.00	0.01	0.689	O	|	|	|	3.58
379.500	0.00	0.01	0.689	O	|	|	|	3.58
379.583	0.00	0.01	0.689	O	|	|	|	3.58
379.667	0.00	0.01	0.689	O	|	|	|	3.58
379.750	0.00	0.01	0.689	O	|	|	|	3.58
379.833	0.00	0.01	0.689	O	|	|	|	3.58
379.917	0.00	0.01	0.689	O	|	|	|	3.58
380.000	0.00	0.01	0.689	O	|	|	|	3.58
380.083	0.00	0.01	0.688	O	|	|	|	3.58
380.167	0.00	0.01	0.688	O	|	|	|	3.58
380.250	0.00	0.01	0.688	O	|	|	|	3.57
380.333	0.00	0.01	0.688	O	|	|	|	3.57
380.417	0.00	0.01	0.688	O	|	|	|	3.57
380.500	0.00	0.01	0.688	O	|	|	|	3.57
380.583	0.00	0.01	0.688	O	|	|	|	3.57
380.667	0.00	0.01	0.688	O	|	|	|	3.57
380.750	0.00	0.01	0.688	O	|	|	|	3.57
380.833	0.00	0.01	0.688	O	|	|	|	3.57
380.917	0.00	0.01	0.688	O	|	|	|	3.57
381.000	0.00	0.01	0.688	O	|	|	|	3.57
381.083	0.00	0.01	0.688	O	|	|	|	3.57
381.167	0.00	0.01	0.688	O	|	|	|	3.57
381.250	0.00	0.01	0.688	O	|	|	|	3.57
381.333	0.00	0.01	0.687	O	|	|	|	3.57
381.417	0.00	0.01	0.687	O	|	|	|	3.57
381.500	0.00	0.01	0.687	O	|	|	|	3.57
381.583	0.00	0.01	0.687	O	|	|	|	3.57
381.667	0.00	0.01	0.687	O	|	|	|	3.57
381.750	0.00	0.01	0.687	O	|	|	|	3.57
381.833	0.00	0.01	0.687	O	|	|	|	3.57
381.917	0.00	0.01	0.687	O	|	|	|	3.57
382.000	0.00	0.01	0.687	O	|	|	|	3.57
382.083	0.00	0.01	0.687	O	|	|	|	3.57
382.167	0.00	0.01	0.687	O	|	|	|	3.57
382.250	0.00	0.01	0.687	O	|	|	|	3.57
382.333	0.00	0.01	0.687	O	|	|	|	3.57
382.417	0.00	0.01	0.687	O	|	|	|	3.57
382.500	0.00	0.01	0.686	O	|	|	|	3.57
382.583	0.00	0.01	0.686	O	|	|	|	3.56
382.667	0.00	0.01	0.686	O	|	|	|	3.56
382.750	0.00	0.01	0.686	O	|	|	|	3.56
382.833	0.00	0.01	0.686	O	|	|	|	3.56
382.917	0.00	0.01	0.686	O	|	|	|	3.56

383.000	0.00	0.01	0.686	O					3.56
383.083	0.00	0.01	0.686	O					3.56
383.167	0.00	0.01	0.686	O					3.56
383.250	0.00	0.01	0.686	O					3.56
383.333	0.00	0.01	0.686	O					3.56
383.417	0.00	0.01	0.686	O					3.56
383.500	0.00	0.01	0.686	O					3.56
383.583	0.00	0.01	0.686	O					3.56
383.667	0.00	0.01	0.686	O					3.56
383.750	0.00	0.01	0.685	O					3.56
383.833	0.00	0.01	0.685	O					3.56
383.917	0.00	0.01	0.685	O					3.56
384.000	0.00	0.01	0.685	O					3.56
384.083	0.00	0.01	0.685	O					3.56
384.167	0.00	0.01	0.685	O					3.56
384.250	0.00	0.01	0.685	O					3.56
384.333	0.00	0.01	0.685	O					3.56
384.417	0.00	0.01	0.685	O					3.56
384.500	0.00	0.01	0.685	O					3.56
384.583	0.00	0.01	0.685	O					3.56
384.667	0.00	0.01	0.685	O					3.56
384.750	0.00	0.01	0.685	O					3.56
384.833	0.00	0.01	0.685	O					3.56
384.917	0.00	0.01	0.684	O					3.55
385.000	0.00	0.01	0.684	O					3.55
385.083	0.00	0.01	0.684	O					3.55
385.167	0.00	0.01	0.684	O					3.55
385.250	0.00	0.01	0.684	O					3.55
385.333	0.00	0.01	0.684	O					3.55
385.417	0.00	0.01	0.684	O					3.55
385.500	0.00	0.01	0.684	O					3.55
385.583	0.00	0.01	0.684	O					3.55
385.667	0.00	0.01	0.684	O					3.55
385.750	0.00	0.01	0.684	O					3.55
385.833	0.00	0.01	0.684	O					3.55
385.917	0.00	0.01	0.684	O					3.55
386.000	0.00	0.01	0.684	O					3.55
386.083	0.00	0.01	0.684	O					3.55
386.167	0.00	0.01	0.683	O					3.55
386.250	0.00	0.01	0.683	O					3.55
386.333	0.00	0.01	0.683	O					3.55
386.417	0.00	0.01	0.683	O					3.55
386.500	0.00	0.01	0.683	O					3.55
386.583	0.00	0.01	0.683	O					3.55
386.667	0.00	0.01	0.683	O					3.55
386.750	0.00	0.01	0.683	O					3.55
386.833	0.00	0.01	0.683	O					3.55
386.917	0.00	0.01	0.683	O					3.55
387.000	0.00	0.01	0.683	O					3.55
387.083	0.00	0.01	0.683	O					3.55
387.167	0.00	0.01	0.683	O					3.54
387.250	0.00	0.01	0.683	O					3.54
387.333	0.00	0.01	0.682	O					3.54
387.417	0.00	0.01	0.682	O					3.54
387.500	0.00	0.01	0.682	O					3.54
387.583	0.00	0.01	0.682	O					3.54
387.667	0.00	0.01	0.682	O					3.54

387.750	0.00	0.01	0.682	O	|	|	|	|	3.54
387.833	0.00	0.01	0.682	O	|	|	|	|	3.54
387.917	0.00	0.01	0.682	O	|	|	|	|	3.54
388.000	0.00	0.01	0.682	O	|	|	|	|	3.54
388.083	0.00	0.01	0.682	O	|	|	|	|	3.54
388.167	0.00	0.01	0.682	O	|	|	|	|	3.54
388.250	0.00	0.01	0.682	O	|	|	|	|	3.54
388.333	0.00	0.01	0.682	O	|	|	|	|	3.54
388.417	0.00	0.01	0.682	O	|	|	|	|	3.54
388.500	0.00	0.01	0.682	O	|	|	|	|	3.54
388.583	0.00	0.01	0.681	O	|	|	|	|	3.54
388.667	0.00	0.01	0.681	O	|	|	|	|	3.54
388.750	0.00	0.01	0.681	O	|	|	|	|	3.54
388.833	0.00	0.01	0.681	O	|	|	|	|	3.54
388.917	0.00	0.01	0.681	O	|	|	|	|	3.54
389.000	0.00	0.01	0.681	O	|	|	|	|	3.54
389.083	0.00	0.01	0.681	O	|	|	|	|	3.54
389.167	0.00	0.01	0.681	O	|	|	|	|	3.54
389.250	0.00	0.01	0.681	O	|	|	|	|	3.54
389.333	0.00	0.01	0.681	O	|	|	|	|	3.54
389.417	0.00	0.01	0.681	O	|	|	|	|	3.54
389.500	0.00	0.01	0.681	O	|	|	|	|	3.53
389.583	0.00	0.01	0.681	O	|	|	|	|	3.53
389.667	0.00	0.01	0.681	O	|	|	|	|	3.53
389.750	0.00	0.01	0.681	O	|	|	|	|	3.53
389.833	0.00	0.01	0.680	O	|	|	|	|	3.53
389.917	0.00	0.01	0.680	O	|	|	|	|	3.53
390.000	0.00	0.01	0.680	O	|	|	|	|	3.53
390.083	0.00	0.01	0.680	O	|	|	|	|	3.53
390.167	0.00	0.01	0.680	O	|	|	|	|	3.53
390.250	0.00	0.01	0.680	O	|	|	|	|	3.53
390.333	0.00	0.01	0.680	O	|	|	|	|	3.53
390.417	0.00	0.01	0.680	O	|	|	|	|	3.53
390.500	0.00	0.01	0.680	O	|	|	|	|	3.53
390.583	0.00	0.01	0.680	O	|	|	|	|	3.53
390.667	0.00	0.01	0.680	O	|	|	|	|	3.53
390.750	0.00	0.01	0.680	O	|	|	|	|	3.53
390.833	0.00	0.01	0.680	O	|	|	|	|	3.53
390.917	0.00	0.01	0.680	O	|	|	|	|	3.53
391.000	0.00	0.01	0.679	O	|	|	|	|	3.53
391.083	0.00	0.01	0.679	O	|	|	|	|	3.53
391.167	0.00	0.01	0.679	O	|	|	|	|	3.53
391.250	0.00	0.01	0.679	O	|	|	|	|	3.53
391.333	0.00	0.01	0.679	O	|	|	|	|	3.53
391.417	0.00	0.01	0.679	O	|	|	|	|	3.53
391.500	0.00	0.01	0.679	O	|	|	|	|	3.53
391.583	0.00	0.01	0.679	O	|	|	|	|	3.53
391.667	0.00	0.01	0.679	O	|	|	|	|	3.53
391.750	0.00	0.01	0.679	O	|	|	|	|	3.53
391.833	0.00	0.01	0.679	O	|	|	|	|	3.52
391.917	0.00	0.01	0.679	O	|	|	|	|	3.52
392.000	0.00	0.01	0.679	O	|	|	|	|	3.52
392.083	0.00	0.01	0.679	O	|	|	|	|	3.52
392.167	0.00	0.01	0.679	O	|	|	|	|	3.52
392.250	0.00	0.01	0.678	O	|	|	|	|	3.52
392.333	0.00	0.01	0.678	O	|	|	|	|	3.52
392.417	0.00	0.01	0.678	O	|	|	|	|	3.52

392.500	0.00	0.01	0.678	O	|	|	|	3.52
392.583	0.00	0.01	0.678	O	|	|	|	3.52
392.667	0.00	0.01	0.678	O	|	|	|	3.52
392.750	0.00	0.01	0.678	O	|	|	|	3.52
392.833	0.00	0.01	0.678	O	|	|	|	3.52
392.917	0.00	0.01	0.678	O	|	|	|	3.52
393.000	0.00	0.01	0.678	O	|	|	|	3.52
393.083	0.00	0.01	0.678	O	|	|	|	3.52
393.167	0.00	0.01	0.678	O	|	|	|	3.52
393.250	0.00	0.01	0.678	O	|	|	|	3.52
393.333	0.00	0.01	0.678	O	|	|	|	3.52
393.417	0.00	0.01	0.677	O	|	|	|	3.52
393.500	0.00	0.01	0.677	O	|	|	|	3.52
393.583	0.00	0.01	0.677	O	|	|	|	3.52
393.667	0.00	0.01	0.677	O	|	|	|	3.52
393.750	0.00	0.01	0.677	O	|	|	|	3.52
393.833	0.00	0.01	0.677	O	|	|	|	3.52
393.917	0.00	0.01	0.677	O	|	|	|	3.52
394.000	0.00	0.01	0.677	O	|	|	|	3.52
394.083	0.00	0.01	0.677	O	|	|	|	3.52
394.167	0.00	0.01	0.677	O	|	|	|	3.51
394.250	0.00	0.01	0.677	O	|	|	|	3.51
394.333	0.00	0.01	0.677	O	|	|	|	3.51
394.417	0.00	0.01	0.677	O	|	|	|	3.51
394.500	0.00	0.01	0.677	O	|	|	|	3.51
394.583	0.00	0.01	0.677	O	|	|	|	3.51
394.667	0.00	0.01	0.676	O	|	|	|	3.51
394.750	0.00	0.01	0.676	O	|	|	|	3.51
394.833	0.00	0.01	0.676	O	|	|	|	3.51
394.917	0.00	0.01	0.676	O	|	|	|	3.51
395.000	0.00	0.01	0.676	O	|	|	|	3.51
395.083	0.00	0.01	0.676	O	|	|	|	3.51
395.167	0.00	0.01	0.676	O	|	|	|	3.51
395.250	0.00	0.01	0.676	O	|	|	|	3.51
395.333	0.00	0.01	0.676	O	|	|	|	3.51
395.417	0.00	0.01	0.676	O	|	|	|	3.51
395.500	0.00	0.01	0.676	O	|	|	|	3.51
395.583	0.00	0.01	0.676	O	|	|	|	3.51
395.667	0.00	0.01	0.676	O	|	|	|	3.51
395.750	0.00	0.01	0.676	O	|	|	|	3.51
395.833	0.00	0.01	0.675	O	|	|	|	3.51
395.917	0.00	0.01	0.675	O	|	|	|	3.51
396.000	0.00	0.01	0.675	O	|	|	|	3.51
396.083	0.00	0.01	0.675	O	|	|	|	3.51
396.167	0.00	0.01	0.675	O	|	|	|	3.51
396.250	0.00	0.01	0.675	O	|	|	|	3.51
396.333	0.00	0.01	0.675	O	|	|	|	3.51
396.417	0.00	0.01	0.675	O	|	|	|	3.51
396.500	0.00	0.01	0.675	O	|	|	|	3.50
396.583	0.00	0.01	0.675	O	|	|	|	3.50
396.667	0.00	0.01	0.675	O	|	|	|	3.50
396.750	0.00	0.01	0.675	O	|	|	|	3.50
396.833	0.00	0.01	0.675	O	|	|	|	3.50
396.917	0.00	0.01	0.675	O	|	|	|	3.50
397.000	0.00	0.01	0.675	O	|	|	|	3.50
397.083	0.00	0.01	0.674	O	|	|	|	3.50
397.167	0.00	0.01	0.674	O	|	|	|	3.50

397.250	0.00	0.01	0.674	O	|	|	|	3.50
397.333	0.00	0.01	0.674	O	|	|	|	3.50
397.417	0.00	0.01	0.674	O	|	|	|	3.50
397.500	0.00	0.01	0.674	O	|	|	|	3.50
397.583	0.00	0.01	0.674	O	|	|	|	3.50
397.667	0.00	0.01	0.674	O	|	|	|	3.50
397.750	0.00	0.01	0.674	O	|	|	|	3.50
397.833	0.00	0.01	0.674	O	|	|	|	3.50
397.917	0.00	0.01	0.674	O	|	|	|	3.50
398.000	0.00	0.01	0.674	O	|	|	|	3.50
398.083	0.00	0.01	0.674	O	|	|	|	3.50
398.167	0.00	0.01	0.674	O	|	|	|	3.50
398.250	0.00	0.01	0.673	O	|	|	|	3.50
398.333	0.00	0.01	0.673	O	|	|	|	3.50
398.417	0.00	0.01	0.673	O	|	|	|	3.50
398.500	0.00	0.01	0.673	O	|	|	|	3.50
398.583	0.00	0.01	0.673	O	|	|	|	3.50
398.667	0.00	0.01	0.673	O	|	|	|	3.50
398.750	0.00	0.01	0.673	O	|	|	|	3.50
398.833	0.00	0.01	0.673	O	|	|	|	3.49
398.917	0.00	0.01	0.673	O	|	|	|	3.49
399.000	0.00	0.01	0.673	O	|	|	|	3.49
399.083	0.00	0.01	0.673	O	|	|	|	3.49
399.167	0.00	0.01	0.673	O	|	|	|	3.49
399.250	0.00	0.01	0.673	O	|	|	|	3.49
399.333	0.00	0.01	0.673	O	|	|	|	3.49
399.417	0.00	0.01	0.673	O	|	|	|	3.49
399.500	0.00	0.01	0.672	O	|	|	|	3.49
399.583	0.00	0.01	0.672	O	|	|	|	3.49
399.667	0.00	0.01	0.672	O	|	|	|	3.49
399.750	0.00	0.01	0.672	O	|	|	|	3.49
399.833	0.00	0.01	0.672	O	|	|	|	3.49
399.917	0.00	0.01	0.672	O	|	|	|	3.49
400.000	0.00	0.01	0.672	O	|	|	|	3.49
400.083	0.00	0.01	0.672	O	|	|	|	3.49
400.167	0.00	0.01	0.672	O	|	|	|	3.49
400.250	0.00	0.01	0.672	O	|	|	|	3.49
400.333	0.00	0.01	0.672	O	|	|	|	3.49
400.417	0.00	0.01	0.672	O	|	|	|	3.49
400.500	0.00	0.01	0.672	O	|	|	|	3.49
400.583	0.00	0.01	0.672	O	|	|	|	3.49
400.667	0.00	0.01	0.671	O	|	|	|	3.49
400.750	0.00	0.01	0.671	O	|	|	|	3.49
400.833	0.00	0.01	0.671	O	|	|	|	3.49
400.917	0.00	0.01	0.671	O	|	|	|	3.49
401.000	0.00	0.01	0.671	O	|	|	|	3.49
401.083	0.00	0.01	0.671	O	|	|	|	3.49
401.167	0.00	0.01	0.671	O	|	|	|	3.48
401.250	0.00	0.01	0.671	O	|	|	|	3.48
401.333	0.00	0.01	0.671	O	|	|	|	3.48
401.417	0.00	0.01	0.671	O	|	|	|	3.48
401.500	0.00	0.01	0.671	O	|	|	|	3.48
401.583	0.00	0.01	0.671	O	|	|	|	3.48
401.667	0.00	0.01	0.671	O	|	|	|	3.48
401.750	0.00	0.01	0.671	O	|	|	|	3.48
401.833	0.00	0.01	0.671	O	|	|	|	3.48
401.917	0.00	0.01	0.670	O	|	|	|	3.48

402.000	0.00	0.01	0.670	O	|	|	|	3.48
402.083	0.00	0.01	0.670	O	|	|	|	3.48
402.167	0.00	0.01	0.670	O	|	|	|	3.48
402.250	0.00	0.01	0.670	O	|	|	|	3.48
402.333	0.00	0.01	0.670	O	|	|	|	3.48
402.417	0.00	0.01	0.670	O	|	|	|	3.48
402.500	0.00	0.01	0.670	O	|	|	|	3.48
402.583	0.00	0.01	0.670	O	|	|	|	3.48
402.667	0.00	0.01	0.670	O	|	|	|	3.48
402.750	0.00	0.01	0.670	O	|	|	|	3.48
402.833	0.00	0.01	0.670	O	|	|	|	3.48
402.917	0.00	0.01	0.670	O	|	|	|	3.48
403.000	0.00	0.01	0.670	O	|	|	|	3.48
403.083	0.00	0.01	0.669	O	|	|	|	3.48
403.167	0.00	0.01	0.669	O	|	|	|	3.48
403.250	0.00	0.01	0.669	O	|	|	|	3.48
403.333	0.00	0.01	0.669	O	|	|	|	3.48
403.417	0.00	0.01	0.669	O	|	|	|	3.48
403.500	0.00	0.01	0.669	O	|	|	|	3.47
403.583	0.00	0.01	0.669	O	|	|	|	3.47
403.667	0.00	0.01	0.669	O	|	|	|	3.47
403.750	0.00	0.01	0.669	O	|	|	|	3.47
403.833	0.00	0.01	0.669	O	|	|	|	3.47
403.917	0.00	0.01	0.669	O	|	|	|	3.47
404.000	0.00	0.01	0.669	O	|	|	|	3.47
404.083	0.00	0.01	0.669	O	|	|	|	3.47
404.167	0.00	0.01	0.669	O	|	|	|	3.47
404.250	0.00	0.01	0.669	O	|	|	|	3.47
404.333	0.00	0.01	0.668	O	|	|	|	3.47
404.417	0.00	0.01	0.668	O	|	|	|	3.47
404.500	0.00	0.01	0.668	O	|	|	|	3.47
404.583	0.00	0.01	0.668	O	|	|	|	3.47
404.667	0.00	0.01	0.668	O	|	|	|	3.47
404.750	0.00	0.01	0.668	O	|	|	|	3.47
404.833	0.00	0.01	0.668	O	|	|	|	3.47
404.917	0.00	0.01	0.668	O	|	|	|	3.47
405.000	0.00	0.01	0.668	O	|	|	|	3.47
405.083	0.00	0.01	0.668	O	|	|	|	3.47
405.167	0.00	0.01	0.668	O	|	|	|	3.47
405.250	0.00	0.01	0.668	O	|	|	|	3.47
405.333	0.00	0.01	0.668	O	|	|	|	3.47
405.417	0.00	0.01	0.668	O	|	|	|	3.47
405.500	0.00	0.01	0.667	O	|	|	|	3.47
405.583	0.00	0.01	0.667	O	|	|	|	3.47
405.667	0.00	0.01	0.667	O	|	|	|	3.47
405.750	0.00	0.01	0.667	O	|	|	|	3.46
405.833	0.00	0.01	0.667	O	|	|	|	3.46
405.917	0.00	0.01	0.667	O	|	|	|	3.46
406.000	0.00	0.01	0.667	O	|	|	|	3.46
406.083	0.00	0.01	0.667	O	|	|	|	3.46
406.167	0.00	0.01	0.667	O	|	|	|	3.46
406.250	0.00	0.01	0.667	O	|	|	|	3.46
406.333	0.00	0.01	0.667	O	|	|	|	3.46
406.417	0.00	0.01	0.667	O	|	|	|	3.46
406.500	0.00	0.01	0.667	O	|	|	|	3.46
406.583	0.00	0.01	0.667	O	|	|	|	3.46
406.667	0.00	0.01	0.667	O	|	|	|	3.46

406.750	0.00	0.01	0.666	O					3.46
406.833	0.00	0.01	0.666	O					3.46
406.917	0.00	0.01	0.666	O					3.46
407.000	0.00	0.01	0.666	O					3.46
407.083	0.00	0.01	0.666	O					3.46
407.167	0.00	0.01	0.666	O					3.46
407.250	0.00	0.01	0.666	O					3.46
407.333	0.00	0.01	0.666	O					3.46
407.417	0.00	0.01	0.666	O					3.46
407.500	0.00	0.01	0.666	O					3.46
407.583	0.00	0.01	0.666	O					3.46
407.667	0.00	0.01	0.666	O					3.46
407.750	0.00	0.01	0.666	O					3.46
407.833	0.00	0.01	0.666	O					3.46
407.917	0.00	0.01	0.665	O					3.46
408.000	0.00	0.01	0.665	O					3.46
408.083	0.00	0.01	0.665	O					3.45
408.167	0.00	0.01	0.665	O					3.45
408.250	0.00	0.01	0.665	O					3.45
408.333	0.00	0.01	0.665	O					3.45
408.417	0.00	0.01	0.665	O					3.45
408.500	0.00	0.01	0.665	O					3.45
408.583	0.00	0.01	0.665	O					3.45
408.667	0.00	0.01	0.665	O					3.45
408.750	0.00	0.01	0.665	O					3.45
408.833	0.00	0.01	0.665	O					3.45
408.917	0.00	0.01	0.665	O					3.45
409.000	0.00	0.01	0.665	O					3.45
409.083	0.00	0.01	0.665	O					3.45
409.167	0.00	0.01	0.664	O					3.45
409.250	0.00	0.01	0.664	O					3.45
409.333	0.00	0.01	0.664	O					3.45
409.417	0.00	0.01	0.664	O					3.45
409.500	0.00	0.01	0.664	O					3.45
409.583	0.00	0.01	0.664	O					3.45
409.667	0.00	0.01	0.664	O					3.45
409.750	0.00	0.01	0.664	O					3.45
409.833	0.00	0.01	0.664	O					3.45
409.917	0.00	0.01	0.664	O					3.45
410.000	0.00	0.01	0.664	O					3.45
410.083	0.00	0.01	0.664	O					3.45
410.167	0.00	0.01	0.664	O					3.45
410.250	0.00	0.01	0.664	O					3.45
410.333	0.00	0.01	0.663	O					3.45
410.417	0.00	0.01	0.663	O					3.44
410.500	0.00	0.01	0.663	O					3.44
410.583	0.00	0.01	0.663	O					3.44
410.667	0.00	0.01	0.663	O					3.44
410.750	0.00	0.01	0.663	O					3.44
410.833	0.00	0.01	0.663	O					3.44
410.917	0.00	0.01	0.663	O					3.44
411.000	0.00	0.01	0.663	O					3.44
411.083	0.00	0.01	0.663	O					3.44
411.167	0.00	0.01	0.663	O					3.44
411.250	0.00	0.01	0.663	O					3.44
411.333	0.00	0.01	0.663	O					3.44
411.417	0.00	0.01	0.663	O					3.44

411.500	0.00	0.01	0.663	O	|	|	|	3.44
411.583	0.00	0.01	0.662	O	|	|	|	3.44
411.667	0.00	0.01	0.662	O	|	|	|	3.44
411.750	0.00	0.01	0.662	O	|	|	|	3.44
411.833	0.00	0.01	0.662	O	|	|	|	3.44
411.917	0.00	0.01	0.662	O	|	|	|	3.44
412.000	0.00	0.01	0.662	O	|	|	|	3.44
412.083	0.00	0.01	0.662	O	|	|	|	3.44
412.167	0.00	0.01	0.662	O	|	|	|	3.44
412.250	0.00	0.01	0.662	O	|	|	|	3.44
412.333	0.00	0.01	0.662	O	|	|	|	3.44
412.417	0.00	0.01	0.662	O	|	|	|	3.44
412.500	0.00	0.01	0.662	O	|	|	|	3.44
412.583	0.00	0.01	0.662	O	|	|	|	3.44
412.667	0.00	0.01	0.662	O	|	|	|	3.44
412.750	0.00	0.01	0.661	O	|	|	|	3.43
412.833	0.00	0.01	0.661	O	|	|	|	3.43
412.917	0.00	0.01	0.661	O	|	|	|	3.43
413.000	0.00	0.01	0.661	O	|	|	|	3.43
413.083	0.00	0.01	0.661	O	|	|	|	3.43
413.167	0.00	0.01	0.661	O	|	|	|	3.43
413.250	0.00	0.01	0.661	O	|	|	|	3.43
413.333	0.00	0.01	0.661	O	|	|	|	3.43
413.417	0.00	0.01	0.661	O	|	|	|	3.43
413.500	0.00	0.01	0.661	O	|	|	|	3.43
413.583	0.00	0.01	0.661	O	|	|	|	3.43
413.667	0.00	0.01	0.661	O	|	|	|	3.43
413.750	0.00	0.01	0.661	O	|	|	|	3.43
413.833	0.00	0.01	0.661	O	|	|	|	3.43
413.917	0.00	0.01	0.661	O	|	|	|	3.43
414.000	0.00	0.01	0.660	O	|	|	|	3.43
414.083	0.00	0.01	0.660	O	|	|	|	3.43
414.167	0.00	0.01	0.660	O	|	|	|	3.43
414.250	0.00	0.01	0.660	O	|	|	|	3.43
414.333	0.00	0.01	0.660	O	|	|	|	3.43
414.417	0.00	0.01	0.660	O	|	|	|	3.43
414.500	0.00	0.01	0.660	O	|	|	|	3.43
414.583	0.00	0.01	0.660	O	|	|	|	3.43
414.667	0.00	0.01	0.660	O	|	|	|	3.43
414.750	0.00	0.01	0.660	O	|	|	|	3.43
414.833	0.00	0.01	0.660	O	|	|	|	3.43
414.917	0.00	0.01	0.660	O	|	|	|	3.43
415.000	0.00	0.01	0.660	O	|	|	|	3.43
415.083	0.00	0.01	0.660	O	|	|	|	3.42
415.167	0.00	0.01	0.659	O	|	|	|	3.42
415.250	0.00	0.01	0.659	O	|	|	|	3.42
415.333	0.00	0.01	0.659	O	|	|	|	3.42
415.417	0.00	0.01	0.659	O	|	|	|	3.42
415.500	0.00	0.01	0.659	O	|	|	|	3.42
415.583	0.00	0.01	0.659	O	|	|	|	3.42
415.667	0.00	0.01	0.659	O	|	|	|	3.42
415.750	0.00	0.01	0.659	O	|	|	|	3.42
415.833	0.00	0.01	0.659	O	|	|	|	3.42
415.917	0.00	0.01	0.659	O	|	|	|	3.42
416.000	0.00	0.01	0.659	O	|	|	|	3.42
416.083	0.00	0.01	0.659	O	|	|	|	3.42
416.167	0.00	0.01	0.659	O	|	|	|	3.42

416.250	0.00	0.01	0.659	O	|	|	|	| 3.42
416.333	0.00	0.01	0.659	O	|	|	|	| 3.42
416.417	0.00	0.01	0.658	O	|	|	|	| 3.42
416.500	0.00	0.01	0.658	O	|	|	|	| 3.42
416.583	0.00	0.01	0.658	O	|	|	|	| 3.42
416.667	0.00	0.01	0.658	O	|	|	|	| 3.42

Remaining water in basin = 0.66 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.800 (CFS)
Total volume = 2.104 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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FLOOD HYDROGRAPH ROUTING PROGRAM

Study date: 11/12/20

The Cottonwood Flood Routing
5-Year-24 Hour Event

Program License Serial Number 6194

********** HYDROGRAPH INFORMATION **********

From study/file name: cottonwoodprop245.rte
**********HYDROGRAPH DATA**********
Number of intervals = 294
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 6.128 (CFS)
Total volume = 3.729 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 294
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.01(Ft.)

Initial basin depth = 0.01 (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
0.000	0.001	0.001	0.001	0.001

1.000	0.193	0.001	0.193	0.193
2.000	0.385	0.001	0.385	0.385
3.000	0.578	0.010	0.578	0.578
4.000	0.770	0.010	0.770	0.770
5.000	0.963	0.010	0.963	0.963
6.000	1.156	0.800	1.153	1.159
7.000	1.692	0.800	1.689	1.695
8.000	2.265	0.800	2.262	2.268
9.000	2.875	0.800	2.872	2.878
10.000	3.524	0.800	3.521	3.527
11.000	4.212	0.800	4.209	4.215
12.000	4.939	0.800	4.936	4.942
13.000	5.706	0.800	5.703	5.709
14.000	6.534	0.800	6.531	6.537

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 1.5 3.06 4.60 6.13	Depth (Ft.)
0.083	0.10	0.00	0.003	O | | | |	0.01
0.167	0.27	0.00	0.005	OI | | | |	0.02
0.250	0.32	0.00	0.007	OI | | | |	0.03
0.333	0.39	0.00	0.009	O I | | | |	0.04
0.417	0.49	0.00	0.012	O I | | | |	0.06
0.500	0.52	0.00	0.015	O I | | | |	0.08
0.583	0.53	0.00	0.019	O I | | | |	0.09
0.667	0.54	0.00	0.023	O I | | | |	0.11
0.750	0.54	0.00	0.026	O I | | | |	0.13
0.833	0.59	0.00	0.030	O I | | | |	0.15
0.917	0.68	0.00	0.035	O I | | | |	0.18
1.000	0.70	0.00	0.039	O I | | | |	0.20
1.083	0.66	0.00	0.044	O I | | | |	0.22
1.167	0.58	0.00	0.048	O I | | | |	0.25
1.250	0.56	0.00	0.052	O I | | | |	0.27
1.333	0.55	0.00	0.056	O I | | | |	0.29
1.417	0.55	0.00	0.060	O I | | | |	0.31
1.500	0.54	0.00	0.064	O I | | | |	0.33
1.583	0.54	0.00	0.067	O I | | | |	0.35
1.667	0.54	0.00	0.071	O I | | | |	0.36
1.750	0.54	0.00	0.075	O I | | | |	0.38
1.833	0.59	0.00	0.079	O I | | | |	0.40
1.917	0.68	0.00	0.083	O I | | | |	0.43
2.000	0.70	0.00	0.088	O I | | | |	0.45
2.083	0.71	0.00	0.093	O I | | | |	0.48
2.167	0.72	0.00	0.098	O I | | | |	0.50
2.250	0.72	0.00	0.102	O I | | | |	0.53
2.333	0.72	0.00	0.107	O I | | | |	0.55
2.417	0.72	0.00	0.112	O I | | | |	0.58
2.500	0.72	0.00	0.117	O I | | | |	0.61
2.583	0.77	0.00	0.122	O I | | | |	0.63
2.667	0.86	0.00	0.128	O I | | | |	0.66
2.750	0.88	0.00	0.134	O I | | | |	0.69
2.833	0.89	0.00	0.140	O I | | | |	0.72
2.917	0.90	0.00	0.146	O I | | | |	0.76

3.000	0.90	0.00	0.153	O	I	|	|	|	0.79
3.083	0.90	0.00	0.159	O	I	|	|	|	0.82
3.167	0.90	0.00	0.165	O	I	|	|	|	0.85
3.250	0.90	0.00	0.171	O	I	|	|	|	0.89
3.333	0.90	0.00	0.177	O	I	|	|	|	0.92
3.417	0.90	0.00	0.184	O	I	|	|	|	0.95
3.500	0.90	0.00	0.190	O	I	|	|	|	0.98
3.583	0.90	0.00	0.196	O	I	|	|	|	1.02
3.667	0.90	0.00	0.202	O	I	|	|	|	1.05
3.750	0.90	0.00	0.208	O	I	|	|	|	1.08
3.833	0.95	0.00	0.215	O	I	|	|	|	1.11
3.917	1.04	0.00	0.222	O	I	|	|	|	1.15
4.000	1.06	0.00	0.229	O	I	|	|	|	1.19
4.083	1.07	0.00	0.236	O	I	|	|	|	1.22
4.167	1.08	0.00	0.244	O	I	|	|	|	1.26
4.250	1.08	0.00	0.251	O	I	|	|	|	1.30
4.333	1.13	0.00	0.259	O	I	|	|	|	1.34
4.417	1.22	0.00	0.267	O	I	|	|	|	1.38
4.500	1.24	0.00	0.275	O	I	|	|	|	1.43
4.583	1.25	0.00	0.284	O	I	|	|	|	1.47
4.667	1.26	0.00	0.292	O	I	|	|	|	1.52
4.750	1.26	0.00	0.301	O	I	|	|	|	1.56
4.833	1.31	0.00	0.310	O	I	|	|	|	1.61
4.917	1.40	0.00	0.319	O	I	|	|	|	1.66
5.000	1.42	0.00	0.329	O	I	|	|	|	1.71
5.083	1.34	0.00	0.338	O	I	|	|	|	1.76
5.167	1.17	0.00	0.347	O	I	|	|	|	1.80
5.250	1.12	0.00	0.355	O	I	|	|	|	1.84
5.333	1.15	0.00	0.363	O	I	|	|	|	1.88
5.417	1.23	0.00	0.371	O	I	|	|	|	1.93
5.500	1.25	0.00	0.380	O	I	|	|	|	1.97
5.583	1.30	0.00	0.388	O	I	|	|	|	2.02
5.667	1.39	0.00	0.398	O	I	|	|	|	2.07
5.750	1.42	0.00	0.407	O	I	|	|	|	2.12
5.833	1.43	0.00	0.417	O	I	|	|	|	2.17
5.917	1.44	0.00	0.427	O	I	|	|	|	2.22
6.000	1.44	0.00	0.437	O	I	|	|	|	2.27
6.083	1.49	0.00	0.447	O	I	|	|	|	2.32
6.167	1.58	0.00	0.457	O	I	|	|	|	2.38
6.250	1.60	0.00	0.468	O	I	|	|	|	2.43
6.333	1.61	0.01	0.479	O	I	|	|	|	2.49
6.417	1.62	0.01	0.491	O	I	|	|	|	2.55
6.500	1.62	0.01	0.502	O	I	|	|	|	2.60
6.583	1.67	0.01	0.513	O	I	|	|	|	2.66
6.667	1.76	0.01	0.525	O	I	|	|	|	2.72
6.750	1.78	0.01	0.537	O	I	|	|	|	2.79
6.833	1.79	0.01	0.549	O	I	|	|	|	2.85
6.917	1.80	0.01	0.561	O	I	|	|	|	2.91
7.000	1.80	0.01	0.574	O	I	|	|	|	2.98
7.083	1.81	0.01	0.586	O	I	|	|	|	3.04
7.167	1.81	0.01	0.599	O	I	|	|	|	3.11
7.250	1.81	0.01	0.611	O	I	|	|	|	3.17
7.333	1.85	0.01	0.623	O	I	|	|	|	3.24
7.417	1.94	0.01	0.636	O	I	|	|	|	3.30
7.500	1.96	0.01	0.650	O	I	|	|	|	3.37
7.583	2.02	0.01	0.663	O	I	|	|	|	3.44
7.667	2.12	0.01	0.678	O	I	|	|	|	3.52

7.750	2.14	0.01	0.692	O	I			3.59
7.833	2.20	0.01	0.707	O	I			3.67
7.917	2.30	0.01	0.723	O	I			3.75
8.000	2.32	0.01	0.738	O	I			3.84
8.083	2.43	0.01	0.755	O	I			3.92
8.167	2.61	0.01	0.772	O	I			4.01
8.250	2.66	0.01	0.790	O	I			4.10
8.333	2.69	0.01	0.808	O	I			4.20
8.417	2.70	0.01	0.827	O	I			4.30
8.500	2.70	0.01	0.845	O	I			4.39
8.583	2.76	0.01	0.864	O	I			4.49
8.667	2.84	0.01	0.883	O	I			4.59
8.750	2.87	0.01	0.903	O	I			4.69
8.833	2.93	0.01	0.923	O	I			4.79
8.917	3.02	0.01	0.943	O	I			4.90
9.000	3.05	0.01	0.964	O	I			5.01
9.083	3.16	0.10	0.985	O	I			5.11
9.167	3.34	0.19	1.006	O	I			5.22
9.250	3.39	0.28	1.028	O	I			5.34
9.333	3.46	0.36	1.049	O	I			5.45
9.417	3.56	0.45	1.071	O	I			5.56
9.500	3.59	0.54	1.092	O	I			5.67
9.583	3.65	0.62	1.113	O	I			5.78
9.667	3.74	0.71	1.134	O	I			5.88
9.750	3.77	0.79	1.154	O	I			5.99
9.833	3.83	0.80	1.175	O	I			6.04
9.917	3.92	0.80	1.196	O	I			6.07
10.000	3.95	0.80	1.218	O	I			6.12
10.083	3.62	0.80	1.238	O	I			6.15
10.167	3.01	0.80	1.256	O	I			6.19
10.250	2.85	0.80	1.270	O	I			6.21
10.333	2.78	0.80	1.284	O	I			6.24
10.417	2.74	0.80	1.298	O	I			6.26
10.500	2.72	0.80	1.311	O	I			6.29
10.583	2.95	0.80	1.325	O	I			6.32
10.667	3.39	0.80	1.341	O	I			6.35
10.750	3.50	0.80	1.360	O	I			6.38
10.833	3.56	0.80	1.378	O	I			6.41
10.917	3.58	0.80	1.397	O	I			6.45
11.000	3.60	0.80	1.417	O	I			6.49
11.083	3.56	0.80	1.436	O	I			6.52
11.167	3.47	0.80	1.455	O	I			6.56
11.250	3.45	0.80	1.473	O	I			6.59
11.333	3.44	0.80	1.491	O	I			6.63
11.417	3.43	0.80	1.509	O	I			6.66
11.500	3.43	0.80	1.527	O	I			6.69
11.583	3.33	0.80	1.545	O	I			6.73
11.667	3.16	0.80	1.562	O	I			6.76
11.750	3.11	0.80	1.578	O	I			6.79
11.833	3.14	0.80	1.594	O	I			6.82
11.917	3.21	0.80	1.611	O	I			6.85
12.000	3.23	0.80	1.627	O	I			6.88
12.083	3.58	0.80	1.645	O	I			6.91
12.167	4.20	0.80	1.666	O	I			6.95
12.250	4.36	0.80	1.690	O	I			7.00
12.333	4.49	0.80	1.715	O	I			7.04
12.417	4.61	0.80	1.741	O	I			7.09

12.500	4.66	0.80	1.768	| O |	|	| I |	7.13
12.583	4.78	0.80	1.795	| O |	|	| I |	7.18
12.667	4.96	0.80	1.823	| O |	|	|I |	7.23
12.750	5.01	0.80	1.851	| O |	|	| I |	7.28
12.833	5.08	0.80	1.881	| O |	|	| I |	7.33
12.917	5.18	0.80	1.910	| O |	|	| I |	7.38
13.000	5.21	0.80	1.941	| O |	|	| I |	7.43
13.083	5.47	0.80	1.972	| O |	|	| I |	7.49
13.167	5.91	0.80	2.006	| O |	|	| I |	7.55
13.250	6.03	0.80	2.041	| O |	|	| I|	7.61
13.333	6.08	0.80	2.077	| O |	|	| I|	7.67
13.417	6.11	0.80	2.114	| O |	|	| I|	7.74
13.500	6.13	0.80	2.151	| O |	|	| I	7.80
13.583	5.60	0.80	2.185	| O |	|	| I |	7.86
13.667	4.64	0.80	2.215	| O |	|	| I |	7.91
13.750	4.39	0.80	2.241	| O |	|	| I | |	7.96
13.833	4.27	0.80	2.265	| O |	|	| I | |	8.00
13.917	4.21	0.80	2.289	| O |	|	| I | |	8.04
14.000	4.17	0.80	2.312	| O |	|	| I | |	8.08
14.083	4.35	0.80	2.336	| O |	|	| I | |	8.12
14.167	4.70	0.80	2.362	| O |	|	| I |	8.16
14.250	4.79	0.80	2.389	| O |	|	|I |	8.20
14.333	4.78	0.80	2.416	| O |	|	| I |	8.25
14.417	4.72	0.80	2.443	| O |	|	| I |	8.29
14.500	4.71	0.80	2.470	| O |	|	| I |	8.34
14.583	4.70	0.80	2.497	| O |	|	| I |	8.38
14.667	4.70	0.80	2.524	| O |	|	| I |	8.42
14.750	4.70	0.80	2.551	| O |	|	| I |	8.47
14.833	4.64	0.80	2.578	| O |	|	| I |	8.51
14.917	4.56	0.80	2.604	| O |	|	| I| |	8.56
15.000	4.53	0.80	2.630	| O |	|	| I| |	8.60
15.083	4.47	0.80	2.655	| O |	|	| I| |	8.64
15.167	4.38	0.80	2.680	| O |	|	| I | |	8.68
15.250	4.36	0.80	2.705	| O |	|	| I | |	8.72
15.333	4.29	0.80	2.729	| O |	|	| I | |	8.76
15.417	4.20	0.80	2.753	| O |	|	| I | |	8.80
15.500	4.17	0.80	2.776	| O |	|	| I | |	8.84
15.583	3.97	0.80	2.799	| O |	|	| I | |	8.87
15.667	3.61	0.80	2.819	| O |	|	| I | |	8.91
15.750	3.52	0.80	2.838	| O |	|	| I | |	8.94
15.833	3.47	0.80	2.857	| O |	|	| I | |	8.97
15.917	3.45	0.80	2.875	| O |	|	| I | |	9.00
16.000	3.44	0.80	2.893	| O |	|	|I | |	9.03
16.083	2.70	0.80	2.909	| O |	| I |	| |	9.05
16.167	1.39	0.80	2.917	| O I|	|	| |	9.07
16.250	1.04	0.80	2.920	| OI |	|	| |	9.07
16.333	0.88	0.80	2.921	| O |	|	| |	9.07
16.417	0.80	0.80	2.922	| O |	|	| |	9.07
16.500	0.75	0.80	2.921	| IO |	|	| |	9.07
16.583	0.67	0.80	2.921	| IO |	|	| |	9.07
16.667	0.59	0.80	2.920	| IO |	|	| |	9.07
16.750	0.56	0.80	2.918	| I O |	|	| |	9.07
16.833	0.55	0.80	2.916	| I O |	|	| |	9.06
16.917	0.55	0.80	2.915	| I O |	|	| |	9.06
17.000	0.54	0.80	2.913	| I O |	|	| |	9.06
17.083	0.64	0.80	2.912	| IO |	|	| |	9.06
17.167	0.81	0.80	2.911	| O |	|	| |	9.06

17.250	0.86	0.80	2.911	O				9.06
17.333	0.88	0.80	2.912	O				9.06
17.417	0.89	0.80	2.912	O				9.06
17.500	0.90	0.80	2.913	O				9.06
17.583	0.90	0.80	2.914	O				9.06
17.667	0.90	0.80	2.914	O				9.06
17.750	0.90	0.80	2.915	O				9.06
17.833	0.85	0.80	2.916	O				9.06
17.917	0.77	0.80	2.916	O				9.06
18.000	0.74	0.80	2.915	IO				9.06
18.083	0.73	0.80	2.915	IO				9.06
18.167	0.73	0.80	2.915	IO				9.06
18.250	0.72	0.80	2.914	IO				9.06
18.333	0.72	0.80	2.914	IO				9.06
18.417	0.72	0.80	2.913	IO				9.06
18.500	0.72	0.80	2.912	IO				9.06
18.583	0.67	0.80	2.912	IO				9.06
18.667	0.59	0.80	2.911	IO				9.05
18.750	0.56	0.80	2.909	I O				9.05
18.833	0.50	0.80	2.907	I O				9.05
18.917	0.41	0.80	2.905	I O				9.05
19.000	0.38	0.80	2.902	I O				9.04
19.083	0.42	0.80	2.899	I O				9.04
19.167	0.50	0.80	2.897	I O				9.03
19.250	0.52	0.80	2.895	I O				9.03
19.333	0.58	0.80	2.893	IO				9.03
19.417	0.67	0.80	2.892	IO				9.03
19.500	0.70	0.80	2.891	IO				9.03
19.583	0.66	0.80	2.890	IO				9.02
19.667	0.58	0.80	2.889	IO				9.02
19.750	0.56	0.80	2.888	I O				9.02
19.833	0.50	0.80	2.886	I O				9.02
19.917	0.41	0.80	2.883	I O				9.01
20.000	0.38	0.80	2.881	I O				9.01
20.083	0.42	0.80	2.878	I O				9.00
20.167	0.50	0.80	2.876	I O				9.00
20.250	0.52	0.80	2.874	I O				9.00
20.333	0.53	0.80	2.872	I O				8.99
20.417	0.54	0.80	2.870	I O				8.99
20.500	0.54	0.80	2.868	I O				8.99
20.583	0.54	0.80	2.866	I O				8.99
20.667	0.54	0.80	2.865	I O				8.98
20.750	0.54	0.80	2.863	I O				8.98
20.833	0.49	0.80	2.861	I O				8.98
20.917	0.41	0.80	2.858	I O				8.97
21.000	0.38	0.80	2.856	I O				8.97
21.083	0.42	0.80	2.853	I O				8.96
21.167	0.50	0.80	2.850	I O				8.96
21.250	0.52	0.80	2.849	I O				8.96
21.333	0.48	0.80	2.846	I O				8.95
21.417	0.40	0.80	2.844	I O				8.95
21.500	0.38	0.80	2.841	I O				8.94
21.583	0.42	0.80	2.838	I O				8.94
21.667	0.50	0.80	2.836	I O				8.94
21.750	0.52	0.80	2.834	I O				8.93
21.833	0.48	0.80	2.832	I O				8.93
21.917	0.40	0.80	2.830	I O				8.93

22.000	0.38	0.80	2.827	|I O	|	|	|	8.92
22.083	0.42	0.80	2.824	| I O	|	|	|	8.92
22.167	0.50	0.80	2.822	| I O	|	|	|	8.91
22.250	0.52	0.80	2.820	| I O	|	|	|	8.91
22.333	0.48	0.80	2.818	| I O	|	|	|	8.91
22.417	0.40	0.80	2.815	| I O	|	|	|	8.90
22.500	0.38	0.80	2.812	|I O	|	|	|	8.90
22.583	0.37	0.80	2.809	|I O	|	|	|	8.89
22.667	0.37	0.80	2.806	|I O	|	|	|	8.89
22.750	0.36	0.80	2.803	|I O	|	|	|	8.88
22.833	0.36	0.80	2.800	|I O	|	|	|	8.88
22.917	0.36	0.80	2.797	|I O	|	|	|	8.87
23.000	0.36	0.80	2.794	|I O	|	|	|	8.87
23.083	0.36	0.80	2.791	|I O	|	|	|	8.86
23.167	0.36	0.80	2.788	|I O	|	|	|	8.86
23.250	0.36	0.80	2.785	|I O	|	|	|	8.85
23.333	0.36	0.80	2.782	|I O	|	|	|	8.85
23.417	0.36	0.80	2.779	|I O	|	|	|	8.84
23.500	0.36	0.80	2.776	|I O	|	|	|	8.84
23.583	0.36	0.80	2.773	|I O	|	|	|	8.83
23.667	0.36	0.80	2.770	|I O	|	|	|	8.83
23.750	0.36	0.80	2.767	|I O	|	|	|	8.82
23.833	0.36	0.80	2.764	|I O	|	|	|	8.82
23.917	0.36	0.80	2.761	|I O	|	|	|	8.81
24.000	0.36	0.80	2.758	|I O	|	|	|	8.81
24.083	0.26	0.80	2.755	|I O	|	|	|	8.80
24.167	0.09	0.80	2.750	I O	|	|	|	8.80
24.250	0.04	0.80	2.745	I O	|	|	|	8.79
24.333	0.02	0.80	2.740	I O	|	|	|	8.78
24.417	0.01	0.80	2.735	I O	|	|	|	8.77
24.500	0.00	0.80	2.729	I O	|	|	|	8.76
24.583	0.00	0.80	2.724	I O	|	|	|	8.75
24.667	0.00	0.80	2.718	I O	|	|	|	8.74
24.750	0.00	0.80	2.713	I O	|	|	|	8.73
24.833	0.00	0.80	2.707	I O	|	|	|	8.72
24.917	0.00	0.80	2.702	I O	|	|	|	8.72
25.000	0.00	0.80	2.696	I O	|	|	|	8.71
25.083	0.00	0.80	2.691	I O	|	|	|	8.70
25.167	0.00	0.80	2.685	I O	|	|	|	8.69
25.250	0.00	0.80	2.680	I O	|	|	|	8.68
25.333	0.00	0.80	2.674	I O	|	|	|	8.67
25.417	0.00	0.80	2.669	I O	|	|	|	8.66
25.500	0.00	0.80	2.663	I O	|	|	|	8.65
25.583	0.00	0.80	2.658	I O	|	|	|	8.64
25.667	0.00	0.80	2.652	I O	|	|	|	8.63
25.750	0.00	0.80	2.647	I O	|	|	|	8.63
25.833	0.00	0.80	2.641	I O	|	|	|	8.62
25.917	0.00	0.80	2.636	I O	|	|	|	8.61
26.000	0.00	0.80	2.630	I O	|	|	|	8.60
26.083	0.00	0.80	2.625	I O	|	|	|	8.59
26.167	0.00	0.80	2.619	I O	|	|	|	8.58
26.250	0.00	0.80	2.614	I O	|	|	|	8.57
26.333	0.00	0.80	2.608	I O	|	|	|	8.56
26.417	0.00	0.80	2.603	I O	|	|	|	8.55
26.500	0.00	0.80	2.597	I O	|	|	|	8.54
26.583	0.00	0.80	2.592	I O	|	|	|	8.54
26.667	0.00	0.80	2.586	I O	|	|	|	8.53

26.750	0.00	0.80	2.581	I	O	|	|	|	|	8.52
26.833	0.00	0.80	2.575	I	O	|	|	|	|	8.51
26.917	0.00	0.80	2.569	I	O	|	|	|	|	8.50
27.000	0.00	0.80	2.564	I	O	|	|	|	|	8.49
27.083	0.00	0.80	2.558	I	O	|	|	|	|	8.48
27.167	0.00	0.80	2.553	I	O	|	|	|	|	8.47
27.250	0.00	0.80	2.547	I	O	|	|	|	|	8.46
27.333	0.00	0.80	2.542	I	O	|	|	|	|	8.45
27.417	0.00	0.80	2.536	I	O	|	|	|	|	8.44
27.500	0.00	0.80	2.531	I	O	|	|	|	|	8.44
27.583	0.00	0.80	2.525	I	O	|	|	|	|	8.43
27.667	0.00	0.80	2.520	I	O	|	|	|	|	8.42
27.750	0.00	0.80	2.514	I	O	|	|	|	|	8.41
27.833	0.00	0.80	2.509	I	O	|	|	|	|	8.40
27.917	0.00	0.80	2.503	I	O	|	|	|	|	8.39
28.000	0.00	0.80	2.498	I	O	|	|	|	|	8.38
28.083	0.00	0.80	2.492	I	O	|	|	|	|	8.37
28.167	0.00	0.80	2.487	I	O	|	|	|	|	8.36
28.250	0.00	0.80	2.481	I	O	|	|	|	|	8.35
28.333	0.00	0.80	2.476	I	O	|	|	|	|	8.35
28.417	0.00	0.80	2.470	I	O	|	|	|	|	8.34
28.500	0.00	0.80	2.465	I	O	|	|	|	|	8.33
28.583	0.00	0.80	2.459	I	O	|	|	|	|	8.32
28.667	0.00	0.80	2.454	I	O	|	|	|	|	8.31
28.750	0.00	0.80	2.448	I	O	|	|	|	|	8.30
28.833	0.00	0.80	2.443	I	O	|	|	|	|	8.29
28.917	0.00	0.80	2.437	I	O	|	|	|	|	8.28
29.000	0.00	0.80	2.432	I	O	|	|	|	|	8.27
29.083	0.00	0.80	2.426	I	O	|	|	|	|	8.26
29.167	0.00	0.80	2.421	I	O	|	|	|	|	8.26
29.250	0.00	0.80	2.415	I	O	|	|	|	|	8.25
29.333	0.00	0.80	2.410	I	O	|	|	|	|	8.24
29.417	0.00	0.80	2.404	I	O	|	|	|	|	8.23
29.500	0.00	0.80	2.399	I	O	|	|	|	|	8.22
29.583	0.00	0.80	2.393	I	O	|	|	|	|	8.21
29.667	0.00	0.80	2.388	I	O	|	|	|	|	8.20
29.750	0.00	0.80	2.382	I	O	|	|	|	|	8.19
29.833	0.00	0.80	2.377	I	O	|	|	|	|	8.18
29.917	0.00	0.80	2.371	I	O	|	|	|	|	8.17
30.000	0.00	0.80	2.366	I	O	|	|	|	|	8.16
30.083	0.00	0.80	2.360	I	O	|	|	|	|	8.16
30.167	0.00	0.80	2.355	I	O	|	|	|	|	8.15
30.250	0.00	0.80	2.349	I	O	|	|	|	|	8.14
30.333	0.00	0.80	2.344	I	O	|	|	|	|	8.13
30.417	0.00	0.80	2.338	I	O	|	|	|	|	8.12
30.500	0.00	0.80	2.333	I	O	|	|	|	|	8.11
30.583	0.00	0.80	2.327	I	O	|	|	|	|	8.10
30.667	0.00	0.80	2.322	I	O	|	|	|	|	8.09
30.750	0.00	0.80	2.316	I	O	|	|	|	|	8.08
30.833	0.00	0.80	2.311	I	O	|	|	|	|	8.07
30.917	0.00	0.80	2.305	I	O	|	|	|	|	8.07
31.000	0.00	0.80	2.300	I	O	|	|	|	|	8.06
31.083	0.00	0.80	2.294	I	O	|	|	|	|	8.05
31.167	0.00	0.80	2.288	I	O	|	|	|	|	8.04
31.250	0.00	0.80	2.283	I	O	|	|	|	|	8.03
31.333	0.00	0.80	2.277	I	O	|	|	|	|	8.02
31.417	0.00	0.80	2.272	I	O	|	|	|	|	8.01

31.500	0.00	0.80	2.266	I	O	|	|	|	|	8.00
31.583	0.00	0.80	2.261	I	O	|	|	|	|	7.99
31.667	0.00	0.80	2.255	I	O	|	|	|	|	7.98
31.750	0.00	0.80	2.250	I	O	|	|	|	|	7.97
31.833	0.00	0.80	2.244	I	O	|	|	|	|	7.96
31.917	0.00	0.80	2.239	I	O	|	|	|	|	7.95
32.000	0.00	0.80	2.233	I	O	|	|	|	|	7.94
32.083	0.00	0.80	2.228	I	O	|	|	|	|	7.94
32.167	0.00	0.80	2.222	I	O	|	|	|	|	7.93
32.250	0.00	0.80	2.217	I	O	|	|	|	|	7.92
32.333	0.00	0.80	2.211	I	O	|	|	|	|	7.91
32.417	0.00	0.80	2.206	I	O	|	|	|	|	7.90
32.500	0.00	0.80	2.200	I	O	|	|	|	|	7.89
32.583	0.00	0.80	2.195	I	O	|	|	|	|	7.88
32.667	0.00	0.80	2.189	I	O	|	|	|	|	7.87
32.750	0.00	0.80	2.184	I	O	|	|	|	|	7.86
32.833	0.00	0.80	2.178	I	O	|	|	|	|	7.85
32.917	0.00	0.80	2.173	I	O	|	|	|	|	7.84
33.000	0.00	0.80	2.167	I	O	|	|	|	|	7.83
33.083	0.00	0.80	2.162	I	O	|	|	|	|	7.82
33.167	0.00	0.80	2.156	I	O	|	|	|	|	7.81
33.250	0.00	0.80	2.151	I	O	|	|	|	|	7.80
33.333	0.00	0.80	2.145	I	O	|	|	|	|	7.79
33.417	0.00	0.80	2.140	I	O	|	|	|	|	7.78
33.500	0.00	0.80	2.134	I	O	|	|	|	|	7.77
33.583	0.00	0.80	2.129	I	O	|	|	|	|	7.76
33.667	0.00	0.80	2.123	I	O	|	|	|	|	7.75
33.750	0.00	0.80	2.118	I	O	|	|	|	|	7.74
33.833	0.00	0.80	2.112	I	O	|	|	|	|	7.73
33.917	0.00	0.80	2.107	I	O	|	|	|	|	7.72
34.000	0.00	0.80	2.101	I	O	|	|	|	|	7.71
34.083	0.00	0.80	2.096	I	O	|	|	|	|	7.70
34.167	0.00	0.80	2.090	I	O	|	|	|	|	7.69
34.250	0.00	0.80	2.085	I	O	|	|	|	|	7.69
34.333	0.00	0.80	2.079	I	O	|	|	|	|	7.68
34.417	0.00	0.80	2.074	I	O	|	|	|	|	7.67
34.500	0.00	0.80	2.068	I	O	|	|	|	|	7.66
34.583	0.00	0.80	2.063	I	O	|	|	|	|	7.65
34.667	0.00	0.80	2.057	I	O	|	|	|	|	7.64
34.750	0.00	0.80	2.052	I	O	|	|	|	|	7.63
34.833	0.00	0.80	2.046	I	O	|	|	|	|	7.62
34.917	0.00	0.80	2.041	I	O	|	|	|	|	7.61
35.000	0.00	0.80	2.035	I	O	|	|	|	|	7.60
35.083	0.00	0.80	2.030	I	O	|	|	|	|	7.59
35.167	0.00	0.80	2.024	I	O	|	|	|	|	7.58
35.250	0.00	0.80	2.019	I	O	|	|	|	|	7.57
35.333	0.00	0.80	2.013	I	O	|	|	|	|	7.56
35.417	0.00	0.80	2.008	I	O	|	|	|	|	7.55
35.500	0.00	0.80	2.002	I	O	|	|	|	|	7.54
35.583	0.00	0.80	1.996	I	O	|	|	|	|	7.53
35.667	0.00	0.80	1.991	I	O	|	|	|	|	7.52
35.750	0.00	0.80	1.985	I	O	|	|	|	|	7.51
35.833	0.00	0.80	1.980	I	O	|	|	|	|	7.50
35.917	0.00	0.80	1.974	I	O	|	|	|	|	7.49
36.000	0.00	0.80	1.969	I	O	|	|	|	|	7.48
36.083	0.00	0.80	1.963	I	O	|	|	|	|	7.47
36.167	0.00	0.80	1.958	I	O	|	|	|	|	7.46

36.250	0.00	0.80	1.952	I	O					7.45
36.333	0.00	0.80	1.947	I	O					7.44
36.417	0.00	0.80	1.941	I	O					7.44
36.500	0.00	0.80	1.936	I	O					7.43
36.583	0.00	0.80	1.930	I	O					7.42
36.667	0.00	0.80	1.925	I	O					7.41
36.750	0.00	0.80	1.919	I	O					7.40
36.833	0.00	0.80	1.914	I	O					7.39
36.917	0.00	0.80	1.908	I	O					7.38
37.000	0.00	0.80	1.903	I	O					7.37
37.083	0.00	0.80	1.897	I	O					7.36
37.167	0.00	0.80	1.892	I	O					7.35
37.250	0.00	0.80	1.886	I	O					7.34
37.333	0.00	0.80	1.881	I	O					7.33
37.417	0.00	0.80	1.875	I	O					7.32
37.500	0.00	0.80	1.870	I	O					7.31
37.583	0.00	0.80	1.864	I	O					7.30
37.667	0.00	0.80	1.859	I	O					7.29
37.750	0.00	0.80	1.853	I	O					7.28
37.833	0.00	0.80	1.848	I	O					7.27
37.917	0.00	0.80	1.842	I	O					7.26
38.000	0.00	0.80	1.837	I	O					7.25
38.083	0.00	0.80	1.831	I	O					7.24
38.167	0.00	0.80	1.826	I	O					7.23
38.250	0.00	0.80	1.820	I	O					7.22
38.333	0.00	0.80	1.815	I	O					7.21
38.417	0.00	0.80	1.809	I	O					7.20
38.500	0.00	0.80	1.804	I	O					7.19
38.583	0.00	0.80	1.798	I	O					7.19
38.667	0.00	0.80	1.793	I	O					7.18
38.750	0.00	0.80	1.787	I	O					7.17
38.833	0.00	0.80	1.782	I	O					7.16
38.917	0.00	0.80	1.776	I	O					7.15
39.000	0.00	0.80	1.771	I	O					7.14
39.083	0.00	0.80	1.765	I	O					7.13
39.167	0.00	0.80	1.760	I	O					7.12
39.250	0.00	0.80	1.754	I	O					7.11
39.333	0.00	0.80	1.749	I	O					7.10
39.417	0.00	0.80	1.743	I	O					7.09
39.500	0.00	0.80	1.738	I	O					7.08
39.583	0.00	0.80	1.732	I	O					7.07
39.667	0.00	0.80	1.727	I	O					7.06
39.750	0.00	0.80	1.721	I	O					7.05
39.833	0.00	0.80	1.715	I	O					7.04
39.917	0.00	0.80	1.710	I	O					7.03
40.000	0.00	0.80	1.704	I	O					7.02
40.083	0.00	0.80	1.699	I	O					7.01
40.167	0.00	0.80	1.693	I	O					7.00
40.250	0.00	0.80	1.688	I	O					6.99
40.333	0.00	0.80	1.682	I	O					6.98
40.417	0.00	0.80	1.677	I	O					6.97
40.500	0.00	0.80	1.671	I	O					6.96
40.583	0.00	0.80	1.666	I	O					6.95
40.667	0.00	0.80	1.660	I	O					6.94
40.750	0.00	0.80	1.655	I	O					6.93
40.833	0.00	0.80	1.649	I	O					6.92
40.917	0.00	0.80	1.644	I	O					6.91

41.000	0.00	0.80	1.638	I	O	|	|	|	|	6.90
41.083	0.00	0.80	1.633	I	O	|	|	|	|	6.89
41.167	0.00	0.80	1.627	I	O	|	|	|	|	6.88
41.250	0.00	0.80	1.622	I	O	|	|	|	|	6.87
41.333	0.00	0.80	1.616	I	O	|	|	|	|	6.86
41.417	0.00	0.80	1.611	I	O	|	|	|	|	6.85
41.500	0.00	0.80	1.605	I	O	|	|	|	|	6.84
41.583	0.00	0.80	1.600	I	O	|	|	|	|	6.83
41.667	0.00	0.80	1.594	I	O	|	|	|	|	6.82
41.750	0.00	0.80	1.589	I	O	|	|	|	|	6.81
41.833	0.00	0.80	1.583	I	O	|	|	|	|	6.80
41.917	0.00	0.80	1.578	I	O	|	|	|	|	6.79
42.000	0.00	0.80	1.572	I	O	|	|	|	|	6.78
42.083	0.00	0.80	1.567	I	O	|	|	|	|	6.77
42.167	0.00	0.80	1.561	I	O	|	|	|	|	6.76
42.250	0.00	0.80	1.556	I	O	|	|	|	|	6.75
42.333	0.00	0.80	1.550	I	O	|	|	|	|	6.74
42.417	0.00	0.80	1.545	I	O	|	|	|	|	6.73
42.500	0.00	0.80	1.539	I	O	|	|	|	|	6.71
42.583	0.00	0.80	1.534	I	O	|	|	|	|	6.70
42.667	0.00	0.80	1.528	I	O	|	|	|	|	6.69
42.750	0.00	0.80	1.523	I	O	|	|	|	|	6.68
42.833	0.00	0.80	1.517	I	O	|	|	|	|	6.67
42.917	0.00	0.80	1.512	I	O	|	|	|	|	6.66
43.000	0.00	0.80	1.506	I	O	|	|	|	|	6.65
43.083	0.00	0.80	1.501	I	O	|	|	|	|	6.64
43.167	0.00	0.80	1.495	I	O	|	|	|	|	6.63
43.250	0.00	0.80	1.490	I	O	|	|	|	|	6.62
43.333	0.00	0.80	1.484	I	O	|	|	|	|	6.61
43.417	0.00	0.80	1.479	I	O	|	|	|	|	6.60
43.500	0.00	0.80	1.473	I	O	|	|	|	|	6.59
43.583	0.00	0.80	1.468	I	O	|	|	|	|	6.58
43.667	0.00	0.80	1.462	I	O	|	|	|	|	6.57
43.750	0.00	0.80	1.457	I	O	|	|	|	|	6.56
43.833	0.00	0.80	1.451	I	O	|	|	|	|	6.55
43.917	0.00	0.80	1.446	I	O	|	|	|	|	6.54
44.000	0.00	0.80	1.440	I	O	|	|	|	|	6.53
44.083	0.00	0.80	1.435	I	O	|	|	|	|	6.52
44.167	0.00	0.80	1.429	I	O	|	|	|	|	6.51
44.250	0.00	0.80	1.423	I	O	|	|	|	|	6.50
44.333	0.00	0.80	1.418	I	O	|	|	|	|	6.49
44.417	0.00	0.80	1.412	I	O	|	|	|	|	6.48
44.500	0.00	0.80	1.407	I	O	|	|	|	|	6.47
44.583	0.00	0.80	1.401	I	O	|	|	|	|	6.46
44.667	0.00	0.80	1.396	I	O	|	|	|	|	6.45
44.750	0.00	0.80	1.390	I	O	|	|	|	|	6.44
44.833	0.00	0.80	1.385	I	O	|	|	|	|	6.43
44.917	0.00	0.80	1.379	I	O	|	|	|	|	6.42
45.000	0.00	0.80	1.374	I	O	|	|	|	|	6.41
45.083	0.00	0.80	1.368	I	O	|	|	|	|	6.40
45.167	0.00	0.80	1.363	I	O	|	|	|	|	6.39
45.250	0.00	0.80	1.357	I	O	|	|	|	|	6.38
45.333	0.00	0.80	1.352	I	O	|	|	|	|	6.37
45.417	0.00	0.80	1.346	I	O	|	|	|	|	6.36
45.500	0.00	0.80	1.341	I	O	|	|	|	|	6.34
45.583	0.00	0.80	1.335	I	O	|	|	|	|	6.33
45.667	0.00	0.80	1.330	I	O	|	|	|	|	6.32

45.750	0.00	0.80	1.324	I	O	|	|	|	6.31
45.833	0.00	0.80	1.319	I	O	|	|	|	6.30
45.917	0.00	0.80	1.313	I	O	|	|	|	6.29
46.000	0.00	0.80	1.308	I	O	|	|	|	6.28
46.083	0.00	0.80	1.302	I	O	|	|	|	6.27
46.167	0.00	0.80	1.297	I	O	|	|	|	6.26
46.250	0.00	0.80	1.291	I	O	|	|	|	6.25
46.333	0.00	0.80	1.286	I	O	|	|	|	6.24
46.417	0.00	0.80	1.280	I	O	|	|	|	6.23
46.500	0.00	0.80	1.275	I	O	|	|	|	6.22
46.583	0.00	0.80	1.269	I	O	|	|	|	6.21
46.667	0.00	0.80	1.264	I	O	|	|	|	6.20
46.750	0.00	0.80	1.258	I	O	|	|	|	6.19
46.833	0.00	0.80	1.253	I	O	|	|	|	6.18
46.917	0.00	0.80	1.247	I	O	|	|	|	6.17
47.000	0.00	0.80	1.242	I	O	|	|	|	6.16
47.083	0.00	0.80	1.236	I	O	|	|	|	6.15
47.167	0.00	0.80	1.231	I	O	|	|	|	6.14
47.250	0.00	0.80	1.225	I	O	|	|	|	6.13
47.333	0.00	0.80	1.220	I	O	|	|	|	6.12
47.417	0.00	0.80	1.214	I	O	|	|	|	6.11
47.500	0.00	0.80	1.209	I	O	|	|	|	6.10
47.583	0.00	0.80	1.203	I	O	|	|	|	6.09
47.667	0.00	0.80	1.198	I	O	|	|	|	6.08
47.750	0.00	0.80	1.192	I	O	|	|	|	6.07
47.833	0.00	0.80	1.187	I	O	|	|	|	6.06
47.917	0.00	0.80	1.181	I	O	|	|	|	6.05
48.000	0.00	0.80	1.176	I	O	|	|	|	6.04
48.083	0.00	0.80	1.170	I	O	|	|	|	6.03
48.167	0.00	0.80	1.165	I	O	|	|	|	6.02
48.250	0.00	0.80	1.159	I	O	|	|	|	6.01
48.333	0.00	0.79	1.154	I	O	|	|	|	5.99
48.417	0.00	0.77	1.148	I	O	|	|	|	5.96
48.500	0.00	0.75	1.143	I	O	|	|	|	5.93
48.583	0.00	0.73	1.138	I	O	|	|	|	5.91
48.667	0.00	0.71	1.133	I	O	|	|	|	5.88
48.750	0.00	0.69	1.128	I	O	|	|	|	5.86
48.833	0.00	0.67	1.124	I	O	|	|	|	5.83
48.917	0.00	0.65	1.119	I	O	|	|	|	5.81
49.000	0.00	0.63	1.115	I	O	|	|	|	5.79
49.083	0.00	0.61	1.110	I	O	|	|	|	5.76
49.167	0.00	0.60	1.106	I	O	|	|	|	5.74
49.250	0.00	0.58	1.102	I	O	|	|	|	5.72
49.333	0.00	0.56	1.098	I	O	|	|	|	5.70
49.417	0.00	0.55	1.094	I	O	|	|	|	5.68
49.500	0.00	0.53	1.091	I	O	|	|	|	5.66
49.583	0.00	0.52	1.087	I	O	|	|	|	5.64
49.667	0.00	0.50	1.083	I	O	|	|	|	5.62
49.750	0.00	0.49	1.080	I	O	|	|	|	5.61
49.833	0.00	0.48	1.077	I	O	|	|	|	5.59
49.917	0.00	0.46	1.074	I	O	|	|	|	5.57
50.000	0.00	0.45	1.070	I	O	|	|	|	5.56
50.083	0.00	0.44	1.067	I	O	|	|	|	5.54
50.167	0.00	0.42	1.064	I	O	|	|	|	5.53
50.250	0.00	0.41	1.061	I	O	|	|	|	5.51
50.333	0.00	0.40	1.059	I	O	|	|	|	5.50
50.417	0.00	0.39	1.056	I	O	|	|	|	5.48

50.500	0.00	0.38	1.053	IO				5.47
50.583	0.00	0.37	1.051	IO				5.45
50.667	0.00	0.36	1.048	IO				5.44
50.750	0.00	0.35	1.046	IO				5.43
50.833	0.00	0.34	1.043	IO				5.42
50.917	0.00	0.33	1.041	IO				5.40
51.000	0.00	0.32	1.039	IO				5.39
51.083	0.00	0.31	1.037	IO				5.38
51.167	0.00	0.30	1.035	IO				5.37
51.250	0.00	0.29	1.033	IO				5.36
51.333	0.00	0.29	1.031	IO				5.35
51.417	0.00	0.28	1.029	IO				5.34
51.500	0.00	0.27	1.027	IO				5.33
51.583	0.00	0.26	1.025	IO				5.32
51.667	0.00	0.26	1.023	IO				5.31
51.750	0.00	0.25	1.021	IO				5.30
51.833	0.00	0.24	1.020	IO				5.29
51.917	0.00	0.24	1.018	IO				5.28
52.000	0.00	0.23	1.016	IO				5.28
52.083	0.00	0.22	1.015	IO				5.27
52.167	0.00	0.22	1.013	IO				5.26
52.250	0.00	0.21	1.012	IO				5.25
52.333	0.00	0.20	1.010	IO				5.25
52.417	0.00	0.20	1.009	IO				5.24
52.500	0.00	0.19	1.008	IO				5.23
52.583	0.00	0.19	1.006	O				5.22
52.667	0.00	0.18	1.005	O				5.22
52.750	0.00	0.18	1.004	O				5.21
52.833	0.00	0.17	1.003	O				5.21
52.917	0.00	0.17	1.001	O				5.20
53.000	0.00	0.16	1.000	O				5.19
53.083	0.00	0.16	0.999	O				5.19
53.167	0.00	0.15	0.998	O				5.18
53.250	0.00	0.15	0.997	O				5.18
53.333	0.00	0.15	0.996	O				5.17
53.417	0.00	0.14	0.995	O				5.17
53.500	0.00	0.14	0.994	O				5.16
53.583	0.00	0.13	0.993	O				5.16
53.667	0.00	0.13	0.992	O				5.15
53.750	0.00	0.13	0.991	O				5.15
53.833	0.00	0.12	0.991	O				5.14
53.917	0.00	0.12	0.990	O				5.14
54.000	0.00	0.12	0.989	O				5.13
54.083	0.00	0.11	0.988	O				5.13
54.167	0.00	0.11	0.987	O				5.13
54.250	0.00	0.11	0.987	O				5.12
54.333	0.00	0.10	0.986	O				5.12
54.417	0.00	0.10	0.985	O				5.12
54.500	0.00	0.10	0.985	O				5.11
54.583	0.00	0.10	0.984	O				5.11
54.667	0.00	0.09	0.983	O				5.10
54.750	0.00	0.09	0.983	O				5.10
54.833	0.00	0.09	0.982	O				5.10
54.917	0.00	0.09	0.981	O				5.10
55.000	0.00	0.08	0.981	O				5.09
55.083	0.00	0.08	0.980	O				5.09
55.167	0.00	0.08	0.980	O				5.09

55.250	0.00	0.08	0.979	O	|	|	|	5.08
55.333	0.00	0.07	0.979	O	|	|	|	5.08
55.417	0.00	0.07	0.978	O	|	|	|	5.08
55.500	0.00	0.07	0.978	O	|	|	|	5.08
55.583	0.00	0.07	0.977	O	|	|	|	5.07
55.667	0.00	0.07	0.977	O	|	|	|	5.07
55.750	0.00	0.06	0.976	O	|	|	|	5.07
55.833	0.00	0.06	0.976	O	|	|	|	5.07
55.917	0.00	0.06	0.975	O	|	|	|	5.06
56.000	0.00	0.06	0.975	O	|	|	|	5.06
56.083	0.00	0.06	0.975	O	|	|	|	5.06
56.167	0.00	0.06	0.974	O	|	|	|	5.06
56.250	0.00	0.05	0.974	O	|	|	|	5.06
56.333	0.00	0.05	0.973	O	|	|	|	5.05
56.417	0.00	0.05	0.973	O	|	|	|	5.05
56.500	0.00	0.05	0.973	O	|	|	|	5.05
56.583	0.00	0.05	0.972	O	|	|	|	5.05
56.667	0.00	0.05	0.972	O	|	|	|	5.05
56.750	0.00	0.05	0.972	O	|	|	|	5.05
56.833	0.00	0.04	0.971	O	|	|	|	5.04
56.917	0.00	0.04	0.971	O	|	|	|	5.04
57.000	0.00	0.04	0.971	O	|	|	|	5.04
57.083	0.00	0.04	0.971	O	|	|	|	5.04
57.167	0.00	0.04	0.970	O	|	|	|	5.04
57.250	0.00	0.04	0.970	O	|	|	|	5.04
57.333	0.00	0.04	0.970	O	|	|	|	5.03
57.417	0.00	0.04	0.969	O	|	|	|	5.03
57.500	0.00	0.04	0.969	O	|	|	|	5.03
57.583	0.00	0.03	0.969	O	|	|	|	5.03
57.667	0.00	0.03	0.969	O	|	|	|	5.03
57.750	0.00	0.03	0.969	O	|	|	|	5.03
57.833	0.00	0.03	0.968	O	|	|	|	5.03
57.917	0.00	0.03	0.968	O	|	|	|	5.03
58.000	0.00	0.03	0.968	O	|	|	|	5.03
58.083	0.00	0.03	0.968	O	|	|	|	5.02
58.167	0.00	0.03	0.967	O	|	|	|	5.02
58.250	0.00	0.03	0.967	O	|	|	|	5.02
58.333	0.00	0.03	0.967	O	|	|	|	5.02
58.417	0.00	0.03	0.967	O	|	|	|	5.02
58.500	0.00	0.03	0.967	O	|	|	|	5.02
58.583	0.00	0.02	0.967	O	|	|	|	5.02
58.667	0.00	0.02	0.966	O	|	|	|	5.02
58.750	0.00	0.02	0.966	O	|	|	|	5.02
58.833	0.00	0.02	0.966	O	|	|	|	5.02
58.917	0.00	0.02	0.966	O	|	|	|	5.02
59.000	0.00	0.02	0.966	O	|	|	|	5.01
59.083	0.00	0.02	0.966	O	|	|	|	5.01
59.167	0.00	0.02	0.965	O	|	|	|	5.01
59.250	0.00	0.02	0.965	O	|	|	|	5.01
59.333	0.00	0.02	0.965	O	|	|	|	5.01
59.417	0.00	0.02	0.965	O	|	|	|	5.01
59.500	0.00	0.02	0.965	O	|	|	|	5.01
59.583	0.00	0.02	0.965	O	|	|	|	5.01
59.667	0.00	0.02	0.965	O	|	|	|	5.01
59.750	0.00	0.02	0.965	O	|	|	|	5.01
59.833	0.00	0.02	0.965	O	|	|	|	5.01
59.917	0.00	0.02	0.964	O	|	|	|	5.01

60.000	0.00	0.02	0.964	O				5.01
60.083	0.00	0.01	0.964	O				5.01
60.167	0.00	0.01	0.964	O				5.01
60.250	0.00	0.01	0.964	O				5.01
60.333	0.00	0.01	0.964	O				5.00
60.417	0.00	0.01	0.964	O				5.00
60.500	0.00	0.01	0.964	O				5.00
60.583	0.00	0.01	0.964	O				5.00
60.667	0.00	0.01	0.964	O				5.00
60.750	0.00	0.01	0.963	O				5.00
60.833	0.00	0.01	0.963	O				5.00
60.917	0.00	0.01	0.963	O				5.00
61.000	0.00	0.01	0.963	O				5.00
61.083	0.00	0.01	0.963	O				5.00
61.167	0.00	0.01	0.963	O				5.00
61.250	0.00	0.01	0.963	O				5.00
61.333	0.00	0.01	0.963	O				5.00
61.417	0.00	0.01	0.963	O				5.00
61.500	0.00	0.01	0.963	O				5.00
61.583	0.00	0.01	0.963	O				5.00
61.667	0.00	0.01	0.963	O				5.00
61.750	0.00	0.01	0.963	O				5.00
61.833	0.00	0.01	0.963	O				5.00
61.917	0.00	0.01	0.962	O				5.00
62.000	0.00	0.01	0.962	O				5.00
62.083	0.00	0.01	0.962	O				5.00
62.167	0.00	0.01	0.962	O				5.00
62.250	0.00	0.01	0.962	O				5.00
62.333	0.00	0.01	0.962	O				5.00
62.417	0.00	0.01	0.962	O				4.99
62.500	0.00	0.01	0.962	O				4.99
62.583	0.00	0.01	0.962	O				4.99
62.667	0.00	0.01	0.962	O				4.99
62.750	0.00	0.01	0.962	O				4.99
62.833	0.00	0.01	0.962	O				4.99
62.917	0.00	0.01	0.962	O				4.99
63.000	0.00	0.01	0.962	O				4.99
63.083	0.00	0.01	0.961	O				4.99
63.167	0.00	0.01	0.961	O				4.99
63.250	0.00	0.01	0.961	O				4.99
63.333	0.00	0.01	0.961	O				4.99
63.417	0.00	0.01	0.961	O				4.99
63.500	0.00	0.01	0.961	O				4.99
63.583	0.00	0.01	0.961	O				4.99
63.667	0.00	0.01	0.961	O				4.99
63.750	0.00	0.01	0.961	O				4.99
63.833	0.00	0.01	0.961	O				4.99
63.917	0.00	0.01	0.961	O				4.99
64.000	0.00	0.01	0.961	O				4.99
64.083	0.00	0.01	0.961	O				4.99
64.167	0.00	0.01	0.961	O				4.99
64.250	0.00	0.01	0.961	O				4.99
64.333	0.00	0.01	0.960	O				4.99
64.417	0.00	0.01	0.960	O				4.99
64.500	0.00	0.01	0.960	O				4.99
64.583	0.00	0.01	0.960	O				4.99
64.667	0.00	0.01	0.960	O				4.99

64.750	0.00	0.01	0.960	O	|	|	|	4.99
64.833	0.00	0.01	0.960	O	|	|	|	4.98
64.917	0.00	0.01	0.960	O	|	|	|	4.98
65.000	0.00	0.01	0.960	O	|	|	|	4.98
65.083	0.00	0.01	0.960	O	|	|	|	4.98
65.167	0.00	0.01	0.960	O	|	|	|	4.98
65.250	0.00	0.01	0.960	O	|	|	|	4.98
65.333	0.00	0.01	0.960	O	|	|	|	4.98
65.417	0.00	0.01	0.960	O	|	|	|	4.98
65.500	0.00	0.01	0.959	O	|	|	|	4.98
65.583	0.00	0.01	0.959	O	|	|	|	4.98
65.667	0.00	0.01	0.959	O	|	|	|	4.98
65.750	0.00	0.01	0.959	O	|	|	|	4.98
65.833	0.00	0.01	0.959	O	|	|	|	4.98
65.917	0.00	0.01	0.959	O	|	|	|	4.98
66.000	0.00	0.01	0.959	O	|	|	|	4.98
66.083	0.00	0.01	0.959	O	|	|	|	4.98
66.167	0.00	0.01	0.959	O	|	|	|	4.98
66.250	0.00	0.01	0.959	O	|	|	|	4.98
66.333	0.00	0.01	0.959	O	|	|	|	4.98
66.417	0.00	0.01	0.959	O	|	|	|	4.98
66.500	0.00	0.01	0.959	O	|	|	|	4.98
66.583	0.00	0.01	0.959	O	|	|	|	4.98
66.667	0.00	0.01	0.959	O	|	|	|	4.98
66.750	0.00	0.01	0.958	O	|	|	|	4.98
66.833	0.00	0.01	0.958	O	|	|	|	4.98
66.917	0.00	0.01	0.958	O	|	|	|	4.98
67.000	0.00	0.01	0.958	O	|	|	|	4.98
67.083	0.00	0.01	0.958	O	|	|	|	4.98
67.167	0.00	0.01	0.958	O	|	|	|	4.97
67.250	0.00	0.01	0.958	O	|	|	|	4.97
67.333	0.00	0.01	0.958	O	|	|	|	4.97
67.417	0.00	0.01	0.958	O	|	|	|	4.97
67.500	0.00	0.01	0.958	O	|	|	|	4.97
67.583	0.00	0.01	0.958	O	|	|	|	4.97
67.667	0.00	0.01	0.958	O	|	|	|	4.97
67.750	0.00	0.01	0.958	O	|	|	|	4.97
67.833	0.00	0.01	0.958	O	|	|	|	4.97
67.917	0.00	0.01	0.957	O	|	|	|	4.97
68.000	0.00	0.01	0.957	O	|	|	|	4.97
68.083	0.00	0.01	0.957	O	|	|	|	4.97
68.167	0.00	0.01	0.957	O	|	|	|	4.97
68.250	0.00	0.01	0.957	O	|	|	|	4.97
68.333	0.00	0.01	0.957	O	|	|	|	4.97
68.417	0.00	0.01	0.957	O	|	|	|	4.97
68.500	0.00	0.01	0.957	O	|	|	|	4.97
68.583	0.00	0.01	0.957	O	|	|	|	4.97
68.667	0.00	0.01	0.957	O	|	|	|	4.97
68.750	0.00	0.01	0.957	O	|	|	|	4.97
68.833	0.00	0.01	0.957	O	|	|	|	4.97
68.917	0.00	0.01	0.957	O	|	|	|	4.97
69.000	0.00	0.01	0.957	O	|	|	|	4.97
69.083	0.00	0.01	0.957	O	|	|	|	4.97
69.167	0.00	0.01	0.956	O	|	|	|	4.97
69.250	0.00	0.01	0.956	O	|	|	|	4.97
69.333	0.00	0.01	0.956	O	|	|	|	4.97
69.417	0.00	0.01	0.956	O	|	|	|	4.97

69.500	0.00	0.01	0.956	O				4.96
69.583	0.00	0.01	0.956	O				4.96
69.667	0.00	0.01	0.956	O				4.96
69.750	0.00	0.01	0.956	O				4.96
69.833	0.00	0.01	0.956	O				4.96
69.917	0.00	0.01	0.956	O				4.96
70.000	0.00	0.01	0.956	O				4.96
70.083	0.00	0.01	0.956	O				4.96
70.167	0.00	0.01	0.956	O				4.96
70.250	0.00	0.01	0.956	O				4.96
70.333	0.00	0.01	0.955	O				4.96
70.417	0.00	0.01	0.955	O				4.96
70.500	0.00	0.01	0.955	O				4.96
70.583	0.00	0.01	0.955	O				4.96
70.667	0.00	0.01	0.955	O				4.96
70.750	0.00	0.01	0.955	O				4.96
70.833	0.00	0.01	0.955	O				4.96
70.917	0.00	0.01	0.955	O				4.96
71.000	0.00	0.01	0.955	O				4.96
71.083	0.00	0.01	0.955	O				4.96
71.167	0.00	0.01	0.955	O				4.96
71.250	0.00	0.01	0.955	O				4.96
71.333	0.00	0.01	0.955	O				4.96
71.417	0.00	0.01	0.955	O				4.96
71.500	0.00	0.01	0.955	O				4.96
71.583	0.00	0.01	0.954	O				4.96
71.667	0.00	0.01	0.954	O				4.96
71.750	0.00	0.01	0.954	O				4.96
71.833	0.00	0.01	0.954	O				4.95
71.917	0.00	0.01	0.954	O				4.95
72.000	0.00	0.01	0.954	O				4.95
72.083	0.00	0.01	0.954	O				4.95
72.167	0.00	0.01	0.954	O				4.95
72.250	0.00	0.01	0.954	O				4.95
72.333	0.00	0.01	0.954	O				4.95
72.417	0.00	0.01	0.954	O				4.95
72.500	0.00	0.01	0.954	O				4.95
72.583	0.00	0.01	0.954	O				4.95
72.667	0.00	0.01	0.954	O				4.95
72.750	0.00	0.01	0.953	O				4.95
72.833	0.00	0.01	0.953	O				4.95
72.917	0.00	0.01	0.953	O				4.95
73.000	0.00	0.01	0.953	O				4.95
73.083	0.00	0.01	0.953	O				4.95
73.167	0.00	0.01	0.953	O				4.95
73.250	0.00	0.01	0.953	O				4.95
73.333	0.00	0.01	0.953	O				4.95
73.417	0.00	0.01	0.953	O				4.95
73.500	0.00	0.01	0.953	O				4.95
73.583	0.00	0.01	0.953	O				4.95
73.667	0.00	0.01	0.953	O				4.95
73.750	0.00	0.01	0.953	O				4.95
73.833	0.00	0.01	0.953	O				4.95
73.917	0.00	0.01	0.953	O				4.95
74.000	0.00	0.01	0.952	O				4.95
74.083	0.00	0.01	0.952	O				4.95
74.167	0.00	0.01	0.952	O				4.94

74.250	0.00	0.01	0.952	O	|	|	|	4.94
74.333	0.00	0.01	0.952	O	|	|	|	4.94
74.417	0.00	0.01	0.952	O	|	|	|	4.94
74.500	0.00	0.01	0.952	O	|	|	|	4.94
74.583	0.00	0.01	0.952	O	|	|	|	4.94
74.667	0.00	0.01	0.952	O	|	|	|	4.94
74.750	0.00	0.01	0.952	O	|	|	|	4.94
74.833	0.00	0.01	0.952	O	|	|	|	4.94
74.917	0.00	0.01	0.952	O	|	|	|	4.94
75.000	0.00	0.01	0.952	O	|	|	|	4.94
75.083	0.00	0.01	0.952	O	|	|	|	4.94
75.167	0.00	0.01	0.951	O	|	|	|	4.94
75.250	0.00	0.01	0.951	O	|	|	|	4.94
75.333	0.00	0.01	0.951	O	|	|	|	4.94
75.417	0.00	0.01	0.951	O	|	|	|	4.94
75.500	0.00	0.01	0.951	O	|	|	|	4.94
75.583	0.00	0.01	0.951	O	|	|	|	4.94
75.667	0.00	0.01	0.951	O	|	|	|	4.94
75.750	0.00	0.01	0.951	O	|	|	|	4.94
75.833	0.00	0.01	0.951	O	|	|	|	4.94
75.917	0.00	0.01	0.951	O	|	|	|	4.94
76.000	0.00	0.01	0.951	O	|	|	|	4.94
76.083	0.00	0.01	0.951	O	|	|	|	4.94
76.167	0.00	0.01	0.951	O	|	|	|	4.94
76.250	0.00	0.01	0.951	O	|	|	|	4.94
76.333	0.00	0.01	0.951	O	|	|	|	4.94
76.417	0.00	0.01	0.950	O	|	|	|	4.94
76.500	0.00	0.01	0.950	O	|	|	|	4.93
76.583	0.00	0.01	0.950	O	|	|	|	4.93
76.667	0.00	0.01	0.950	O	|	|	|	4.93
76.750	0.00	0.01	0.950	O	|	|	|	4.93
76.833	0.00	0.01	0.950	O	|	|	|	4.93
76.917	0.00	0.01	0.950	O	|	|	|	4.93
77.000	0.00	0.01	0.950	O	|	|	|	4.93
77.083	0.00	0.01	0.950	O	|	|	|	4.93
77.167	0.00	0.01	0.950	O	|	|	|	4.93
77.250	0.00	0.01	0.950	O	|	|	|	4.93
77.333	0.00	0.01	0.950	O	|	|	|	4.93
77.417	0.00	0.01	0.950	O	|	|	|	4.93
77.500	0.00	0.01	0.950	O	|	|	|	4.93
77.583	0.00	0.01	0.950	O	|	|	|	4.93
77.667	0.00	0.01	0.949	O	|	|	|	4.93
77.750	0.00	0.01	0.949	O	|	|	|	4.93
77.833	0.00	0.01	0.949	O	|	|	|	4.93
77.917	0.00	0.01	0.949	O	|	|	|	4.93
78.000	0.00	0.01	0.949	O	|	|	|	4.93
78.083	0.00	0.01	0.949	O	|	|	|	4.93
78.167	0.00	0.01	0.949	O	|	|	|	4.93
78.250	0.00	0.01	0.949	O	|	|	|	4.93
78.333	0.00	0.01	0.949	O	|	|	|	4.93
78.417	0.00	0.01	0.949	O	|	|	|	4.93
78.500	0.00	0.01	0.949	O	|	|	|	4.93
78.583	0.00	0.01	0.949	O	|	|	|	4.93
78.667	0.00	0.01	0.949	O	|	|	|	4.93
78.750	0.00	0.01	0.949	O	|	|	|	4.93
78.833	0.00	0.01	0.948	O	|	|	|	4.92
78.917	0.00	0.01	0.948	O	|	|	|	4.92

79.000	0.00	0.01	0.948	O	|	|	|	4.92
79.083	0.00	0.01	0.948	O	|	|	|	4.92
79.167	0.00	0.01	0.948	O	|	|	|	4.92
79.250	0.00	0.01	0.948	O	|	|	|	4.92
79.333	0.00	0.01	0.948	O	|	|	|	4.92
79.417	0.00	0.01	0.948	O	|	|	|	4.92
79.500	0.00	0.01	0.948	O	|	|	|	4.92
79.583	0.00	0.01	0.948	O	|	|	|	4.92
79.667	0.00	0.01	0.948	O	|	|	|	4.92
79.750	0.00	0.01	0.948	O	|	|	|	4.92
79.833	0.00	0.01	0.948	O	|	|	|	4.92
79.917	0.00	0.01	0.948	O	|	|	|	4.92
80.000	0.00	0.01	0.948	O	|	|	|	4.92
80.083	0.00	0.01	0.947	O	|	|	|	4.92
80.167	0.00	0.01	0.947	O	|	|	|	4.92
80.250	0.00	0.01	0.947	O	|	|	|	4.92
80.333	0.00	0.01	0.947	O	|	|	|	4.92
80.417	0.00	0.01	0.947	O	|	|	|	4.92
80.500	0.00	0.01	0.947	O	|	|	|	4.92
80.583	0.00	0.01	0.947	O	|	|	|	4.92
80.667	0.00	0.01	0.947	O	|	|	|	4.92
80.750	0.00	0.01	0.947	O	|	|	|	4.92
80.833	0.00	0.01	0.947	O	|	|	|	4.92
80.917	0.00	0.01	0.947	O	|	|	|	4.92
81.000	0.00	0.01	0.947	O	|	|	|	4.92
81.083	0.00	0.01	0.947	O	|	|	|	4.92
81.167	0.00	0.01	0.947	O	|	|	|	4.91
81.250	0.00	0.01	0.946	O	|	|	|	4.91
81.333	0.00	0.01	0.946	O	|	|	|	4.91
81.417	0.00	0.01	0.946	O	|	|	|	4.91
81.500	0.00	0.01	0.946	O	|	|	|	4.91
81.583	0.00	0.01	0.946	O	|	|	|	4.91
81.667	0.00	0.01	0.946	O	|	|	|	4.91
81.750	0.00	0.01	0.946	O	|	|	|	4.91
81.833	0.00	0.01	0.946	O	|	|	|	4.91
81.917	0.00	0.01	0.946	O	|	|	|	4.91
82.000	0.00	0.01	0.946	O	|	|	|	4.91
82.083	0.00	0.01	0.946	O	|	|	|	4.91
82.167	0.00	0.01	0.946	O	|	|	|	4.91
82.250	0.00	0.01	0.946	O	|	|	|	4.91
82.333	0.00	0.01	0.946	O	|	|	|	4.91
82.417	0.00	0.01	0.946	O	|	|	|	4.91
82.500	0.00	0.01	0.945	O	|	|	|	4.91
82.583	0.00	0.01	0.945	O	|	|	|	4.91
82.667	0.00	0.01	0.945	O	|	|	|	4.91
82.750	0.00	0.01	0.945	O	|	|	|	4.91
82.833	0.00	0.01	0.945	O	|	|	|	4.91
82.917	0.00	0.01	0.945	O	|	|	|	4.91
83.000	0.00	0.01	0.945	O	|	|	|	4.91
83.083	0.00	0.01	0.945	O	|	|	|	4.91
83.167	0.00	0.01	0.945	O	|	|	|	4.91
83.250	0.00	0.01	0.945	O	|	|	|	4.91
83.333	0.00	0.01	0.945	O	|	|	|	4.91
83.417	0.00	0.01	0.945	O	|	|	|	4.91
83.500	0.00	0.01	0.945	O	|	|	|	4.90
83.583	0.00	0.01	0.945	O	|	|	|	4.90
83.667	0.00	0.01	0.944	O	|	|	|	4.90

83.750	0.00	0.01	0.944	O				4.90
83.833	0.00	0.01	0.944	O				4.90
83.917	0.00	0.01	0.944	O				4.90
84.000	0.00	0.01	0.944	O				4.90
84.083	0.00	0.01	0.944	O				4.90
84.167	0.00	0.01	0.944	O				4.90
84.250	0.00	0.01	0.944	O				4.90
84.333	0.00	0.01	0.944	O				4.90
84.417	0.00	0.01	0.944	O				4.90
84.500	0.00	0.01	0.944	O				4.90
84.583	0.00	0.01	0.944	O				4.90
84.667	0.00	0.01	0.944	O				4.90
84.750	0.00	0.01	0.944	O				4.90
84.833	0.00	0.01	0.944	O				4.90
84.917	0.00	0.01	0.943	O				4.90
85.000	0.00	0.01	0.943	O				4.90
85.083	0.00	0.01	0.943	O				4.90
85.167	0.00	0.01	0.943	O				4.90
85.250	0.00	0.01	0.943	O				4.90
85.333	0.00	0.01	0.943	O				4.90
85.417	0.00	0.01	0.943	O				4.90
85.500	0.00	0.01	0.943	O				4.90
85.583	0.00	0.01	0.943	O				4.90
85.667	0.00	0.01	0.943	O				4.90
85.750	0.00	0.01	0.943	O				4.90
85.833	0.00	0.01	0.943	O				4.89
85.917	0.00	0.01	0.943	O				4.89
86.000	0.00	0.01	0.943	O				4.89
86.083	0.00	0.01	0.942	O				4.89
86.167	0.00	0.01	0.942	O				4.89
86.250	0.00	0.01	0.942	O				4.89
86.333	0.00	0.01	0.942	O				4.89
86.417	0.00	0.01	0.942	O				4.89
86.500	0.00	0.01	0.942	O				4.89
86.583	0.00	0.01	0.942	O				4.89
86.667	0.00	0.01	0.942	O				4.89
86.750	0.00	0.01	0.942	O				4.89
86.833	0.00	0.01	0.942	O				4.89
86.917	0.00	0.01	0.942	O				4.89
87.000	0.00	0.01	0.942	O				4.89
87.083	0.00	0.01	0.942	O				4.89
87.167	0.00	0.01	0.942	O				4.89
87.250	0.00	0.01	0.942	O				4.89
87.333	0.00	0.01	0.941	O				4.89
87.417	0.00	0.01	0.941	O				4.89
87.500	0.00	0.01	0.941	O				4.89
87.583	0.00	0.01	0.941	O				4.89
87.667	0.00	0.01	0.941	O				4.89
87.750	0.00	0.01	0.941	O				4.89
87.833	0.00	0.01	0.941	O				4.89
87.917	0.00	0.01	0.941	O				4.89
88.000	0.00	0.01	0.941	O				4.89
88.083	0.00	0.01	0.941	O				4.89
88.167	0.00	0.01	0.941	O				4.88
88.250	0.00	0.01	0.941	O				4.88
88.333	0.00	0.01	0.941	O				4.88
88.417	0.00	0.01	0.941	O				4.88

88.500	0.00	0.01	0.940	O	|	|	|	4.88
88.583	0.00	0.01	0.940	O	|	|	|	4.88
88.667	0.00	0.01	0.940	O	|	|	|	4.88
88.750	0.00	0.01	0.940	O	|	|	|	4.88
88.833	0.00	0.01	0.940	O	|	|	|	4.88
88.917	0.00	0.01	0.940	O	|	|	|	4.88
89.000	0.00	0.01	0.940	O	|	|	|	4.88
89.083	0.00	0.01	0.940	O	|	|	|	4.88
89.167	0.00	0.01	0.940	O	|	|	|	4.88
89.250	0.00	0.01	0.940	O	|	|	|	4.88
89.333	0.00	0.01	0.940	O	|	|	|	4.88
89.417	0.00	0.01	0.940	O	|	|	|	4.88
89.500	0.00	0.01	0.940	O	|	|	|	4.88
89.583	0.00	0.01	0.940	O	|	|	|	4.88
89.667	0.00	0.01	0.940	O	|	|	|	4.88
89.750	0.00	0.01	0.939	O	|	|	|	4.88
89.833	0.00	0.01	0.939	O	|	|	|	4.88
89.917	0.00	0.01	0.939	O	|	|	|	4.88
90.000	0.00	0.01	0.939	O	|	|	|	4.88
90.083	0.00	0.01	0.939	O	|	|	|	4.88
90.167	0.00	0.01	0.939	O	|	|	|	4.88
90.250	0.00	0.01	0.939	O	|	|	|	4.88
90.333	0.00	0.01	0.939	O	|	|	|	4.88
90.417	0.00	0.01	0.939	O	|	|	|	4.88
90.500	0.00	0.01	0.939	O	|	|	|	4.87
90.583	0.00	0.01	0.939	O	|	|	|	4.87
90.667	0.00	0.01	0.939	O	|	|	|	4.87
90.750	0.00	0.01	0.939	O	|	|	|	4.87
90.833	0.00	0.01	0.939	O	|	|	|	4.87
90.917	0.00	0.01	0.938	O	|	|	|	4.87
91.000	0.00	0.01	0.938	O	|	|	|	4.87
91.083	0.00	0.01	0.938	O	|	|	|	4.87
91.167	0.00	0.01	0.938	O	|	|	|	4.87
91.250	0.00	0.01	0.938	O	|	|	|	4.87
91.333	0.00	0.01	0.938	O	|	|	|	4.87
91.417	0.00	0.01	0.938	O	|	|	|	4.87
91.500	0.00	0.01	0.938	O	|	|	|	4.87
91.583	0.00	0.01	0.938	O	|	|	|	4.87
91.667	0.00	0.01	0.938	O	|	|	|	4.87
91.750	0.00	0.01	0.938	O	|	|	|	4.87
91.833	0.00	0.01	0.938	O	|	|	|	4.87
91.917	0.00	0.01	0.938	O	|	|	|	4.87
92.000	0.00	0.01	0.938	O	|	|	|	4.87
92.083	0.00	0.01	0.938	O	|	|	|	4.87
92.167	0.00	0.01	0.937	O	|	|	|	4.87
92.250	0.00	0.01	0.937	O	|	|	|	4.87
92.333	0.00	0.01	0.937	O	|	|	|	4.87
92.417	0.00	0.01	0.937	O	|	|	|	4.87
92.500	0.00	0.01	0.937	O	|	|	|	4.87
92.583	0.00	0.01	0.937	O	|	|	|	4.87
92.667	0.00	0.01	0.937	O	|	|	|	4.87
92.750	0.00	0.01	0.937	O	|	|	|	4.87
92.833	0.00	0.01	0.937	O	|	|	|	4.86
92.917	0.00	0.01	0.937	O	|	|	|	4.86
93.000	0.00	0.01	0.937	O	|	|	|	4.86
93.083	0.00	0.01	0.937	O	|	|	|	4.86
93.167	0.00	0.01	0.937	O	|	|	|	4.86

93.250	0.00	0.01	0.937	O				4.86
93.333	0.00	0.01	0.936	O				4.86
93.417	0.00	0.01	0.936	O				4.86
93.500	0.00	0.01	0.936	O				4.86
93.583	0.00	0.01	0.936	O				4.86
93.667	0.00	0.01	0.936	O				4.86
93.750	0.00	0.01	0.936	O				4.86
93.833	0.00	0.01	0.936	O				4.86
93.917	0.00	0.01	0.936	O				4.86
94.000	0.00	0.01	0.936	O				4.86
94.083	0.00	0.01	0.936	O				4.86
94.167	0.00	0.01	0.936	O				4.86
94.250	0.00	0.01	0.936	O				4.86
94.333	0.00	0.01	0.936	O				4.86
94.417	0.00	0.01	0.936	O				4.86
94.500	0.00	0.01	0.936	O				4.86
94.583	0.00	0.01	0.935	O				4.86
94.667	0.00	0.01	0.935	O				4.86
94.750	0.00	0.01	0.935	O				4.86
94.833	0.00	0.01	0.935	O				4.86
94.917	0.00	0.01	0.935	O				4.86
95.000	0.00	0.01	0.935	O				4.86
95.083	0.00	0.01	0.935	O				4.86
95.167	0.00	0.01	0.935	O				4.85
95.250	0.00	0.01	0.935	O				4.85
95.333	0.00	0.01	0.935	O				4.85
95.417	0.00	0.01	0.935	O				4.85
95.500	0.00	0.01	0.935	O				4.85
95.583	0.00	0.01	0.935	O				4.85
95.667	0.00	0.01	0.935	O				4.85
95.750	0.00	0.01	0.934	O				4.85
95.833	0.00	0.01	0.934	O				4.85
95.917	0.00	0.01	0.934	O				4.85
96.000	0.00	0.01	0.934	O				4.85
96.083	0.00	0.01	0.934	O				4.85
96.167	0.00	0.01	0.934	O				4.85
96.250	0.00	0.01	0.934	O				4.85
96.333	0.00	0.01	0.934	O				4.85
96.417	0.00	0.01	0.934	O				4.85
96.500	0.00	0.01	0.934	O				4.85
96.583	0.00	0.01	0.934	O				4.85
96.667	0.00	0.01	0.934	O				4.85
96.750	0.00	0.01	0.934	O				4.85
96.833	0.00	0.01	0.934	O				4.85
96.917	0.00	0.01	0.934	O				4.85
97.000	0.00	0.01	0.933	O				4.85
97.083	0.00	0.01	0.933	O				4.85
97.167	0.00	0.01	0.933	O				4.85
97.250	0.00	0.01	0.933	O				4.85
97.333	0.00	0.01	0.933	O				4.85
97.417	0.00	0.01	0.933	O				4.85
97.500	0.00	0.01	0.933	O				4.84
97.583	0.00	0.01	0.933	O				4.84
97.667	0.00	0.01	0.933	O				4.84
97.750	0.00	0.01	0.933	O				4.84
97.833	0.00	0.01	0.933	O				4.84
97.917	0.00	0.01	0.933	O				4.84

98.000	0.00	0.01	0.933	O				4.84
98.083	0.00	0.01	0.933	O				4.84
98.167	0.00	0.01	0.932	O				4.84
98.250	0.00	0.01	0.932	O				4.84
98.333	0.00	0.01	0.932	O				4.84
98.417	0.00	0.01	0.932	O				4.84
98.500	0.00	0.01	0.932	O				4.84
98.583	0.00	0.01	0.932	O				4.84
98.667	0.00	0.01	0.932	O				4.84
98.750	0.00	0.01	0.932	O				4.84
98.833	0.00	0.01	0.932	O				4.84
98.917	0.00	0.01	0.932	O				4.84
99.000	0.00	0.01	0.932	O				4.84
99.083	0.00	0.01	0.932	O				4.84
99.167	0.00	0.01	0.932	O				4.84
99.250	0.00	0.01	0.932	O				4.84
99.333	0.00	0.01	0.932	O				4.84
99.417	0.00	0.01	0.931	O				4.84
99.500	0.00	0.01	0.931	O				4.84
99.583	0.00	0.01	0.931	O				4.84
99.667	0.00	0.01	0.931	O				4.84
99.750	0.00	0.01	0.931	O				4.84
99.833	0.00	0.01	0.931	O				4.83
99.917	0.00	0.01	0.931	O				4.83
100.000	0.00	0.01	0.931	O				4.83
100.083	0.00	0.01	0.931	O				4.83
100.167	0.00	0.01	0.931	O				4.83
100.250	0.00	0.01	0.931	O				4.83
100.333	0.00	0.01	0.931	O				4.83
100.417	0.00	0.01	0.931	O				4.83
100.500	0.00	0.01	0.931	O				4.83
100.583	0.00	0.01	0.930	O				4.83
100.667	0.00	0.01	0.930	O				4.83
100.750	0.00	0.01	0.930	O				4.83
100.833	0.00	0.01	0.930	O				4.83
100.917	0.00	0.01	0.930	O				4.83
101.000	0.00	0.01	0.930	O				4.83
101.083	0.00	0.01	0.930	O				4.83
101.167	0.00	0.01	0.930	O				4.83
101.250	0.00	0.01	0.930	O				4.83
101.333	0.00	0.01	0.930	O				4.83
101.417	0.00	0.01	0.930	O				4.83
101.500	0.00	0.01	0.930	O				4.83
101.583	0.00	0.01	0.930	O				4.83
101.667	0.00	0.01	0.930	O				4.83
101.750	0.00	0.01	0.930	O				4.83
101.833	0.00	0.01	0.929	O				4.83
101.917	0.00	0.01	0.929	O				4.83
102.000	0.00	0.01	0.929	O				4.83
102.083	0.00	0.01	0.929	O				4.83
102.167	0.00	0.01	0.929	O				4.82
102.250	0.00	0.01	0.929	O				4.82
102.333	0.00	0.01	0.929	O				4.82
102.417	0.00	0.01	0.929	O				4.82
102.500	0.00	0.01	0.929	O				4.82
102.583	0.00	0.01	0.929	O				4.82
102.667	0.00	0.01	0.929	O				4.82

102.750	0.00	0.01	0.929	O				4.82
102.833	0.00	0.01	0.929	O				4.82
102.917	0.00	0.01	0.929	O				4.82
103.000	0.00	0.01	0.928	O				4.82
103.083	0.00	0.01	0.928	O				4.82
103.167	0.00	0.01	0.928	O				4.82
103.250	0.00	0.01	0.928	O				4.82
103.333	0.00	0.01	0.928	O				4.82
103.417	0.00	0.01	0.928	O				4.82
103.500	0.00	0.01	0.928	O				4.82
103.583	0.00	0.01	0.928	O				4.82
103.667	0.00	0.01	0.928	O				4.82
103.750	0.00	0.01	0.928	O				4.82
103.833	0.00	0.01	0.928	O				4.82
103.917	0.00	0.01	0.928	O				4.82
104.000	0.00	0.01	0.928	O				4.82
104.083	0.00	0.01	0.928	O				4.82
104.167	0.00	0.01	0.928	O				4.82
104.250	0.00	0.01	0.927	O				4.82
104.333	0.00	0.01	0.927	O				4.82
104.417	0.00	0.01	0.927	O				4.82
104.500	0.00	0.01	0.927	O				4.81
104.583	0.00	0.01	0.927	O				4.81
104.667	0.00	0.01	0.927	O				4.81
104.750	0.00	0.01	0.927	O				4.81
104.833	0.00	0.01	0.927	O				4.81
104.917	0.00	0.01	0.927	O				4.81
105.000	0.00	0.01	0.927	O				4.81
105.083	0.00	0.01	0.927	O				4.81
105.167	0.00	0.01	0.927	O				4.81
105.250	0.00	0.01	0.927	O				4.81
105.333	0.00	0.01	0.927	O				4.81
105.417	0.00	0.01	0.926	O				4.81
105.500	0.00	0.01	0.926	O				4.81
105.583	0.00	0.01	0.926	O				4.81
105.667	0.00	0.01	0.926	O				4.81
105.750	0.00	0.01	0.926	O				4.81
105.833	0.00	0.01	0.926	O				4.81
105.917	0.00	0.01	0.926	O				4.81
106.000	0.00	0.01	0.926	O				4.81
106.083	0.00	0.01	0.926	O				4.81
106.167	0.00	0.01	0.926	O				4.81
106.250	0.00	0.01	0.926	O				4.81
106.333	0.00	0.01	0.926	O				4.81
106.417	0.00	0.01	0.926	O				4.81
106.500	0.00	0.01	0.926	O				4.81
106.583	0.00	0.01	0.926	O				4.81
106.667	0.00	0.01	0.925	O				4.81
106.750	0.00	0.01	0.925	O				4.81
106.833	0.00	0.01	0.925	O				4.80
106.917	0.00	0.01	0.925	O				4.80
107.000	0.00	0.01	0.925	O				4.80
107.083	0.00	0.01	0.925	O				4.80
107.167	0.00	0.01	0.925	O				4.80
107.250	0.00	0.01	0.925	O				4.80
107.333	0.00	0.01	0.925	O				4.80
107.417	0.00	0.01	0.925	O				4.80

107.500	0.00	0.01	0.925	O				4.80
107.583	0.00	0.01	0.925	O				4.80
107.667	0.00	0.01	0.925	O				4.80
107.750	0.00	0.01	0.925	O				4.80
107.833	0.00	0.01	0.925	O				4.80
107.917	0.00	0.01	0.924	O				4.80
108.000	0.00	0.01	0.924	O				4.80
108.083	0.00	0.01	0.924	O				4.80
108.167	0.00	0.01	0.924	O				4.80
108.250	0.00	0.01	0.924	O				4.80
108.333	0.00	0.01	0.924	O				4.80
108.417	0.00	0.01	0.924	O				4.80
108.500	0.00	0.01	0.924	O				4.80
108.583	0.00	0.01	0.924	O				4.80
108.667	0.00	0.01	0.924	O				4.80
108.750	0.00	0.01	0.924	O				4.80
108.833	0.00	0.01	0.924	O				4.80
108.917	0.00	0.01	0.924	O				4.80
109.000	0.00	0.01	0.924	O				4.80
109.083	0.00	0.01	0.923	O				4.80
109.167	0.00	0.01	0.923	O				4.79
109.250	0.00	0.01	0.923	O				4.79
109.333	0.00	0.01	0.923	O				4.79
109.417	0.00	0.01	0.923	O				4.79
109.500	0.00	0.01	0.923	O				4.79
109.583	0.00	0.01	0.923	O				4.79
109.667	0.00	0.01	0.923	O				4.79
109.750	0.00	0.01	0.923	O				4.79
109.833	0.00	0.01	0.923	O				4.79
109.917	0.00	0.01	0.923	O				4.79
110.000	0.00	0.01	0.923	O				4.79
110.083	0.00	0.01	0.923	O				4.79
110.167	0.00	0.01	0.923	O				4.79
110.250	0.00	0.01	0.923	O				4.79
110.333	0.00	0.01	0.922	O				4.79
110.417	0.00	0.01	0.922	O				4.79
110.500	0.00	0.01	0.922	O				4.79
110.583	0.00	0.01	0.922	O				4.79
110.667	0.00	0.01	0.922	O				4.79
110.750	0.00	0.01	0.922	O				4.79
110.833	0.00	0.01	0.922	O				4.79
110.917	0.00	0.01	0.922	O				4.79
111.000	0.00	0.01	0.922	O				4.79
111.083	0.00	0.01	0.922	O				4.79
111.167	0.00	0.01	0.922	O				4.79
111.250	0.00	0.01	0.922	O				4.79
111.333	0.00	0.01	0.922	O				4.79
111.417	0.00	0.01	0.922	O				4.79
111.500	0.00	0.01	0.921	O				4.78
111.583	0.00	0.01	0.921	O				4.78
111.667	0.00	0.01	0.921	O				4.78
111.750	0.00	0.01	0.921	O				4.78
111.833	0.00	0.01	0.921	O				4.78
111.917	0.00	0.01	0.921	O				4.78
112.000	0.00	0.01	0.921	O				4.78
112.083	0.00	0.01	0.921	O				4.78
112.167	0.00	0.01	0.921	O				4.78

112.250	0.00	0.01	0.921	O	|	|	|	4.78
112.333	0.00	0.01	0.921	O	|	|	|	4.78
112.417	0.00	0.01	0.921	O	|	|	|	4.78
112.500	0.00	0.01	0.921	O	|	|	|	4.78
112.583	0.00	0.01	0.921	O	|	|	|	4.78
112.667	0.00	0.01	0.921	O	|	|	|	4.78
112.750	0.00	0.01	0.920	O	|	|	|	4.78
112.833	0.00	0.01	0.920	O	|	|	|	4.78
112.917	0.00	0.01	0.920	O	|	|	|	4.78
113.000	0.00	0.01	0.920	O	|	|	|	4.78
113.083	0.00	0.01	0.920	O	|	|	|	4.78
113.167	0.00	0.01	0.920	O	|	|	|	4.78
113.250	0.00	0.01	0.920	O	|	|	|	4.78
113.333	0.00	0.01	0.920	O	|	|	|	4.78
113.417	0.00	0.01	0.920	O	|	|	|	4.78
113.500	0.00	0.01	0.920	O	|	|	|	4.78
113.583	0.00	0.01	0.920	O	|	|	|	4.78
113.667	0.00	0.01	0.920	O	|	|	|	4.78
113.750	0.00	0.01	0.920	O	|	|	|	4.78
113.833	0.00	0.01	0.920	O	|	|	|	4.77
113.917	0.00	0.01	0.919	O	|	|	|	4.77
114.000	0.00	0.01	0.919	O	|	|	|	4.77
114.083	0.00	0.01	0.919	O	|	|	|	4.77
114.167	0.00	0.01	0.919	O	|	|	|	4.77
114.250	0.00	0.01	0.919	O	|	|	|	4.77
114.333	0.00	0.01	0.919	O	|	|	|	4.77
114.417	0.00	0.01	0.919	O	|	|	|	4.77
114.500	0.00	0.01	0.919	O	|	|	|	4.77
114.583	0.00	0.01	0.919	O	|	|	|	4.77
114.667	0.00	0.01	0.919	O	|	|	|	4.77
114.750	0.00	0.01	0.919	O	|	|	|	4.77
114.833	0.00	0.01	0.919	O	|	|	|	4.77
114.917	0.00	0.01	0.919	O	|	|	|	4.77
115.000	0.00	0.01	0.919	O	|	|	|	4.77
115.083	0.00	0.01	0.919	O	|	|	|	4.77
115.167	0.00	0.01	0.918	O	|	|	|	4.77
115.250	0.00	0.01	0.918	O	|	|	|	4.77
115.333	0.00	0.01	0.918	O	|	|	|	4.77
115.417	0.00	0.01	0.918	O	|	|	|	4.77
115.500	0.00	0.01	0.918	O	|	|	|	4.77
115.583	0.00	0.01	0.918	O	|	|	|	4.77
115.667	0.00	0.01	0.918	O	|	|	|	4.77
115.750	0.00	0.01	0.918	O	|	|	|	4.77
115.833	0.00	0.01	0.918	O	|	|	|	4.77
115.917	0.00	0.01	0.918	O	|	|	|	4.77
116.000	0.00	0.01	0.918	O	|	|	|	4.77
116.083	0.00	0.01	0.918	O	|	|	|	4.77
116.167	0.00	0.01	0.918	O	|	|	|	4.76
116.250	0.00	0.01	0.918	O	|	|	|	4.76
116.333	0.00	0.01	0.917	O	|	|	|	4.76
116.417	0.00	0.01	0.917	O	|	|	|	4.76
116.500	0.00	0.01	0.917	O	|	|	|	4.76
116.583	0.00	0.01	0.917	O	|	|	|	4.76
116.667	0.00	0.01	0.917	O	|	|	|	4.76
116.750	0.00	0.01	0.917	O	|	|	|	4.76
116.833	0.00	0.01	0.917	O	|	|	|	4.76
116.917	0.00	0.01	0.917	O	|	|	|	4.76

117.000	0.00	0.01	0.917	O	|	|	|	4.76
117.083	0.00	0.01	0.917	O	|	|	|	4.76
117.167	0.00	0.01	0.917	O	|	|	|	4.76
117.250	0.00	0.01	0.917	O	|	|	|	4.76
117.333	0.00	0.01	0.917	O	|	|	|	4.76
117.417	0.00	0.01	0.917	O	|	|	|	4.76
117.500	0.00	0.01	0.917	O	|	|	|	4.76
117.583	0.00	0.01	0.916	O	|	|	|	4.76
117.667	0.00	0.01	0.916	O	|	|	|	4.76
117.750	0.00	0.01	0.916	O	|	|	|	4.76
117.833	0.00	0.01	0.916	O	|	|	|	4.76
117.917	0.00	0.01	0.916	O	|	|	|	4.76
118.000	0.00	0.01	0.916	O	|	|	|	4.76
118.083	0.00	0.01	0.916	O	|	|	|	4.76
118.167	0.00	0.01	0.916	O	|	|	|	4.76
118.250	0.00	0.01	0.916	O	|	|	|	4.76
118.333	0.00	0.01	0.916	O	|	|	|	4.76
118.417	0.00	0.01	0.916	O	|	|	|	4.76
118.500	0.00	0.01	0.916	O	|	|	|	4.75
118.583	0.00	0.01	0.916	O	|	|	|	4.75
118.667	0.00	0.01	0.916	O	|	|	|	4.75
118.750	0.00	0.01	0.915	O	|	|	|	4.75
118.833	0.00	0.01	0.915	O	|	|	|	4.75
118.917	0.00	0.01	0.915	O	|	|	|	4.75
119.000	0.00	0.01	0.915	O	|	|	|	4.75
119.083	0.00	0.01	0.915	O	|	|	|	4.75
119.167	0.00	0.01	0.915	O	|	|	|	4.75
119.250	0.00	0.01	0.915	O	|	|	|	4.75
119.333	0.00	0.01	0.915	O	|	|	|	4.75
119.417	0.00	0.01	0.915	O	|	|	|	4.75
119.500	0.00	0.01	0.915	O	|	|	|	4.75
119.583	0.00	0.01	0.915	O	|	|	|	4.75
119.667	0.00	0.01	0.915	O	|	|	|	4.75
119.750	0.00	0.01	0.915	O	|	|	|	4.75
119.833	0.00	0.01	0.915	O	|	|	|	4.75
119.917	0.00	0.01	0.915	O	|	|	|	4.75
120.000	0.00	0.01	0.914	O	|	|	|	4.75
120.083	0.00	0.01	0.914	O	|	|	|	4.75
120.167	0.00	0.01	0.914	O	|	|	|	4.75
120.250	0.00	0.01	0.914	O	|	|	|	4.75
120.333	0.00	0.01	0.914	O	|	|	|	4.75
120.417	0.00	0.01	0.914	O	|	|	|	4.75
120.500	0.00	0.01	0.914	O	|	|	|	4.75
120.583	0.00	0.01	0.914	O	|	|	|	4.75
120.667	0.00	0.01	0.914	O	|	|	|	4.75
120.750	0.00	0.01	0.914	O	|	|	|	4.75
120.833	0.00	0.01	0.914	O	|	|	|	4.74
120.917	0.00	0.01	0.914	O	|	|	|	4.74
121.000	0.00	0.01	0.914	O	|	|	|	4.74
121.083	0.00	0.01	0.914	O	|	|	|	4.74
121.167	0.00	0.01	0.913	O	|	|	|	4.74
121.250	0.00	0.01	0.913	O	|	|	|	4.74
121.333	0.00	0.01	0.913	O	|	|	|	4.74
121.417	0.00	0.01	0.913	O	|	|	|	4.74
121.500	0.00	0.01	0.913	O	|	|	|	4.74
121.583	0.00	0.01	0.913	O	|	|	|	4.74
121.667	0.00	0.01	0.913	O	|	|	|	4.74

121.750	0.00	0.01	0.913	O					4.74
121.833	0.00	0.01	0.913	O					4.74
121.917	0.00	0.01	0.913	O					4.74
122.000	0.00	0.01	0.913	O					4.74
122.083	0.00	0.01	0.913	O					4.74
122.167	0.00	0.01	0.913	O					4.74
122.250	0.00	0.01	0.913	O					4.74
122.333	0.00	0.01	0.913	O					4.74
122.417	0.00	0.01	0.912	O					4.74
122.500	0.00	0.01	0.912	O					4.74
122.583	0.00	0.01	0.912	O					4.74
122.667	0.00	0.01	0.912	O					4.74
122.750	0.00	0.01	0.912	O					4.74
122.833	0.00	0.01	0.912	O					4.74
122.917	0.00	0.01	0.912	O					4.74
123.000	0.00	0.01	0.912	O					4.74
123.083	0.00	0.01	0.912	O					4.74
123.167	0.00	0.01	0.912	O					4.73
123.250	0.00	0.01	0.912	O					4.73
123.333	0.00	0.01	0.912	O					4.73
123.417	0.00	0.01	0.912	O					4.73
123.500	0.00	0.01	0.912	O					4.73
123.583	0.00	0.01	0.911	O					4.73
123.667	0.00	0.01	0.911	O					4.73
123.750	0.00	0.01	0.911	O					4.73
123.833	0.00	0.01	0.911	O					4.73
123.917	0.00	0.01	0.911	O					4.73
124.000	0.00	0.01	0.911	O					4.73
124.083	0.00	0.01	0.911	O					4.73
124.167	0.00	0.01	0.911	O					4.73
124.250	0.00	0.01	0.911	O					4.73
124.333	0.00	0.01	0.911	O					4.73
124.417	0.00	0.01	0.911	O					4.73
124.500	0.00	0.01	0.911	O					4.73
124.583	0.00	0.01	0.911	O					4.73
124.667	0.00	0.01	0.911	O					4.73
124.750	0.00	0.01	0.911	O					4.73
124.833	0.00	0.01	0.910	O					4.73
124.917	0.00	0.01	0.910	O					4.73
125.000	0.00	0.01	0.910	O					4.73
125.083	0.00	0.01	0.910	O					4.73
125.167	0.00	0.01	0.910	O					4.73
125.250	0.00	0.01	0.910	O					4.73
125.333	0.00	0.01	0.910	O					4.73
125.417	0.00	0.01	0.910	O					4.73
125.500	0.00	0.01	0.910	O					4.72
125.583	0.00	0.01	0.910	O					4.72
125.667	0.00	0.01	0.910	O					4.72
125.750	0.00	0.01	0.910	O					4.72
125.833	0.00	0.01	0.910	O					4.72
125.917	0.00	0.01	0.910	O					4.72
126.000	0.00	0.01	0.909	O					4.72
126.083	0.00	0.01	0.909	O					4.72
126.167	0.00	0.01	0.909	O					4.72
126.250	0.00	0.01	0.909	O					4.72
126.333	0.00	0.01	0.909	O					4.72
126.417	0.00	0.01	0.909	O					4.72

126.500	0.00	0.01	0.909	O	|	|	|	4.72
126.583	0.00	0.01	0.909	O	|	|	|	4.72
126.667	0.00	0.01	0.909	O	|	|	|	4.72
126.750	0.00	0.01	0.909	O	|	|	|	4.72
126.833	0.00	0.01	0.909	O	|	|	|	4.72
126.917	0.00	0.01	0.909	O	|	|	|	4.72
127.000	0.00	0.01	0.909	O	|	|	|	4.72
127.083	0.00	0.01	0.909	O	|	|	|	4.72
127.167	0.00	0.01	0.909	O	|	|	|	4.72
127.250	0.00	0.01	0.908	O	|	|	|	4.72
127.333	0.00	0.01	0.908	O	|	|	|	4.72
127.417	0.00	0.01	0.908	O	|	|	|	4.72
127.500	0.00	0.01	0.908	O	|	|	|	4.72
127.583	0.00	0.01	0.908	O	|	|	|	4.72
127.667	0.00	0.01	0.908	O	|	|	|	4.72
127.750	0.00	0.01	0.908	O	|	|	|	4.72
127.833	0.00	0.01	0.908	O	|	|	|	4.71
127.917	0.00	0.01	0.908	O	|	|	|	4.71
128.000	0.00	0.01	0.908	O	|	|	|	4.71
128.083	0.00	0.01	0.908	O	|	|	|	4.71
128.167	0.00	0.01	0.908	O	|	|	|	4.71
128.250	0.00	0.01	0.908	O	|	|	|	4.71
128.333	0.00	0.01	0.908	O	|	|	|	4.71
128.417	0.00	0.01	0.907	O	|	|	|	4.71
128.500	0.00	0.01	0.907	O	|	|	|	4.71
128.583	0.00	0.01	0.907	O	|	|	|	4.71
128.667	0.00	0.01	0.907	O	|	|	|	4.71
128.750	0.00	0.01	0.907	O	|	|	|	4.71
128.833	0.00	0.01	0.907	O	|	|	|	4.71
128.917	0.00	0.01	0.907	O	|	|	|	4.71
129.000	0.00	0.01	0.907	O	|	|	|	4.71
129.083	0.00	0.01	0.907	O	|	|	|	4.71
129.167	0.00	0.01	0.907	O	|	|	|	4.71
129.250	0.00	0.01	0.907	O	|	|	|	4.71
129.333	0.00	0.01	0.907	O	|	|	|	4.71
129.417	0.00	0.01	0.907	O	|	|	|	4.71
129.500	0.00	0.01	0.907	O	|	|	|	4.71
129.583	0.00	0.01	0.907	O	|	|	|	4.71
129.667	0.00	0.01	0.906	O	|	|	|	4.71
129.750	0.00	0.01	0.906	O	|	|	|	4.71
129.833	0.00	0.01	0.906	O	|	|	|	4.71
129.917	0.00	0.01	0.906	O	|	|	|	4.71
130.000	0.00	0.01	0.906	O	|	|	|	4.71
130.083	0.00	0.01	0.906	O	|	|	|	4.71
130.167	0.00	0.01	0.906	O	|	|	|	4.70
130.250	0.00	0.01	0.906	O	|	|	|	4.70
130.333	0.00	0.01	0.906	O	|	|	|	4.70
130.417	0.00	0.01	0.906	O	|	|	|	4.70
130.500	0.00	0.01	0.906	O	|	|	|	4.70
130.583	0.00	0.01	0.906	O	|	|	|	4.70
130.667	0.00	0.01	0.906	O	|	|	|	4.70
130.750	0.00	0.01	0.906	O	|	|	|	4.70
130.833	0.00	0.01	0.905	O	|	|	|	4.70
130.917	0.00	0.01	0.905	O	|	|	|	4.70
131.000	0.00	0.01	0.905	O	|	|	|	4.70
131.083	0.00	0.01	0.905	O	|	|	|	4.70
131.167	0.00	0.01	0.905	O	|	|	|	4.70

131.250	0.00	0.01	0.905	O	|	|	|	4.70
131.333	0.00	0.01	0.905	O	|	|	|	4.70
131.417	0.00	0.01	0.905	O	|	|	|	4.70
131.500	0.00	0.01	0.905	O	|	|	|	4.70
131.583	0.00	0.01	0.905	O	|	|	|	4.70
131.667	0.00	0.01	0.905	O	|	|	|	4.70
131.750	0.00	0.01	0.905	O	|	|	|	4.70
131.833	0.00	0.01	0.905	O	|	|	|	4.70
131.917	0.00	0.01	0.905	O	|	|	|	4.70
132.000	0.00	0.01	0.905	O	|	|	|	4.70
132.083	0.00	0.01	0.904	O	|	|	|	4.70
132.167	0.00	0.01	0.904	O	|	|	|	4.70
132.250	0.00	0.01	0.904	O	|	|	|	4.70
132.333	0.00	0.01	0.904	O	|	|	|	4.70
132.417	0.00	0.01	0.904	O	|	|	|	4.70
132.500	0.00	0.01	0.904	O	|	|	|	4.69
132.583	0.00	0.01	0.904	O	|	|	|	4.69
132.667	0.00	0.01	0.904	O	|	|	|	4.69
132.750	0.00	0.01	0.904	O	|	|	|	4.69
132.833	0.00	0.01	0.904	O	|	|	|	4.69
132.917	0.00	0.01	0.904	O	|	|	|	4.69
133.000	0.00	0.01	0.904	O	|	|	|	4.69
133.083	0.00	0.01	0.904	O	|	|	|	4.69
133.167	0.00	0.01	0.904	O	|	|	|	4.69
133.250	0.00	0.01	0.903	O	|	|	|	4.69
133.333	0.00	0.01	0.903	O	|	|	|	4.69
133.417	0.00	0.01	0.903	O	|	|	|	4.69
133.500	0.00	0.01	0.903	O	|	|	|	4.69
133.583	0.00	0.01	0.903	O	|	|	|	4.69
133.667	0.00	0.01	0.903	O	|	|	|	4.69
133.750	0.00	0.01	0.903	O	|	|	|	4.69
133.833	0.00	0.01	0.903	O	|	|	|	4.69
133.917	0.00	0.01	0.903	O	|	|	|	4.69
134.000	0.00	0.01	0.903	O	|	|	|	4.69
134.083	0.00	0.01	0.903	O	|	|	|	4.69
134.167	0.00	0.01	0.903	O	|	|	|	4.69
134.250	0.00	0.01	0.903	O	|	|	|	4.69
134.333	0.00	0.01	0.903	O	|	|	|	4.69
134.417	0.00	0.01	0.903	O	|	|	|	4.69
134.500	0.00	0.01	0.902	O	|	|	|	4.69
134.583	0.00	0.01	0.902	O	|	|	|	4.69
134.667	0.00	0.01	0.902	O	|	|	|	4.69
134.750	0.00	0.01	0.902	O	|	|	|	4.69
134.833	0.00	0.01	0.902	O	|	|	|	4.68
134.917	0.00	0.01	0.902	O	|	|	|	4.68
135.000	0.00	0.01	0.902	O	|	|	|	4.68
135.083	0.00	0.01	0.902	O	|	|	|	4.68
135.167	0.00	0.01	0.902	O	|	|	|	4.68
135.250	0.00	0.01	0.902	O	|	|	|	4.68
135.333	0.00	0.01	0.902	O	|	|	|	4.68
135.417	0.00	0.01	0.902	O	|	|	|	4.68
135.500	0.00	0.01	0.902	O	|	|	|	4.68
135.583	0.00	0.01	0.902	O	|	|	|	4.68
135.667	0.00	0.01	0.901	O	|	|	|	4.68
135.750	0.00	0.01	0.901	O	|	|	|	4.68
135.833	0.00	0.01	0.901	O	|	|	|	4.68
135.917	0.00	0.01	0.901	O	|	|	|	4.68

136.000	0.00	0.01	0.901	O	|	|	|	4.68
136.083	0.00	0.01	0.901	O	|	|	|	4.68
136.167	0.00	0.01	0.901	O	|	|	|	4.68
136.250	0.00	0.01	0.901	O	|	|	|	4.68
136.333	0.00	0.01	0.901	O	|	|	|	4.68
136.417	0.00	0.01	0.901	O	|	|	|	4.68
136.500	0.00	0.01	0.901	O	|	|	|	4.68
136.583	0.00	0.01	0.901	O	|	|	|	4.68
136.667	0.00	0.01	0.901	O	|	|	|	4.68
136.750	0.00	0.01	0.901	O	|	|	|	4.68
136.833	0.00	0.01	0.901	O	|	|	|	4.68
136.917	0.00	0.01	0.900	O	|	|	|	4.68
137.000	0.00	0.01	0.900	O	|	|	|	4.68
137.083	0.00	0.01	0.900	O	|	|	|	4.68
137.167	0.00	0.01	0.900	O	|	|	|	4.67
137.250	0.00	0.01	0.900	O	|	|	|	4.67
137.333	0.00	0.01	0.900	O	|	|	|	4.67
137.417	0.00	0.01	0.900	O	|	|	|	4.67
137.500	0.00	0.01	0.900	O	|	|	|	4.67
137.583	0.00	0.01	0.900	O	|	|	|	4.67
137.667	0.00	0.01	0.900	O	|	|	|	4.67
137.750	0.00	0.01	0.900	O	|	|	|	4.67
137.833	0.00	0.01	0.900	O	|	|	|	4.67
137.917	0.00	0.01	0.900	O	|	|	|	4.67
138.000	0.00	0.01	0.900	O	|	|	|	4.67
138.083	0.00	0.01	0.900	O	|	|	|	4.67
138.167	0.00	0.01	0.899	O	|	|	|	4.67
138.250	0.00	0.01	0.899	O	|	|	|	4.67
138.333	0.00	0.01	0.899	O	|	|	|	4.67
138.417	0.00	0.01	0.899	O	|	|	|	4.67
138.500	0.00	0.01	0.899	O	|	|	|	4.67
138.583	0.00	0.01	0.899	O	|	|	|	4.67
138.667	0.00	0.01	0.899	O	|	|	|	4.67
138.750	0.00	0.01	0.899	O	|	|	|	4.67
138.833	0.00	0.01	0.899	O	|	|	|	4.67
138.917	0.00	0.01	0.899	O	|	|	|	4.67
139.000	0.00	0.01	0.899	O	|	|	|	4.67
139.083	0.00	0.01	0.899	O	|	|	|	4.67
139.167	0.00	0.01	0.899	O	|	|	|	4.67
139.250	0.00	0.01	0.899	O	|	|	|	4.67
139.333	0.00	0.01	0.898	O	|	|	|	4.67
139.417	0.00	0.01	0.898	O	|	|	|	4.67
139.500	0.00	0.01	0.898	O	|	|	|	4.66
139.583	0.00	0.01	0.898	O	|	|	|	4.66
139.667	0.00	0.01	0.898	O	|	|	|	4.66
139.750	0.00	0.01	0.898	O	|	|	|	4.66
139.833	0.00	0.01	0.898	O	|	|	|	4.66
139.917	0.00	0.01	0.898	O	|	|	|	4.66
140.000	0.00	0.01	0.898	O	|	|	|	4.66
140.083	0.00	0.01	0.898	O	|	|	|	4.66
140.167	0.00	0.01	0.898	O	|	|	|	4.66
140.250	0.00	0.01	0.898	O	|	|	|	4.66
140.333	0.00	0.01	0.898	O	|	|	|	4.66
140.417	0.00	0.01	0.898	O	|	|	|	4.66
140.500	0.00	0.01	0.898	O	|	|	|	4.66
140.583	0.00	0.01	0.897	O	|	|	|	4.66
140.667	0.00	0.01	0.897	O	|	|	|	4.66

140.750	0.00	0.01	0.897	O					4.66
140.833	0.00	0.01	0.897	O					4.66
140.917	0.00	0.01	0.897	O					4.66
141.000	0.00	0.01	0.897	O					4.66
141.083	0.00	0.01	0.897	O					4.66
141.167	0.00	0.01	0.897	O					4.66
141.250	0.00	0.01	0.897	O					4.66
141.333	0.00	0.01	0.897	O					4.66
141.417	0.00	0.01	0.897	O					4.66
141.500	0.00	0.01	0.897	O					4.66
141.583	0.00	0.01	0.897	O					4.66
141.667	0.00	0.01	0.897	O					4.66
141.750	0.00	0.01	0.896	O					4.66
141.833	0.00	0.01	0.896	O					4.65
141.917	0.00	0.01	0.896	O					4.65
142.000	0.00	0.01	0.896	O					4.65
142.083	0.00	0.01	0.896	O					4.65
142.167	0.00	0.01	0.896	O					4.65
142.250	0.00	0.01	0.896	O					4.65
142.333	0.00	0.01	0.896	O					4.65
142.417	0.00	0.01	0.896	O					4.65
142.500	0.00	0.01	0.896	O					4.65
142.583	0.00	0.01	0.896	O					4.65
142.667	0.00	0.01	0.896	O					4.65
142.750	0.00	0.01	0.896	O					4.65
142.833	0.00	0.01	0.896	O					4.65
142.917	0.00	0.01	0.896	O					4.65
143.000	0.00	0.01	0.895	O					4.65
143.083	0.00	0.01	0.895	O					4.65
143.167	0.00	0.01	0.895	O					4.65
143.250	0.00	0.01	0.895	O					4.65
143.333	0.00	0.01	0.895	O					4.65
143.417	0.00	0.01	0.895	O					4.65
143.500	0.00	0.01	0.895	O					4.65
143.583	0.00	0.01	0.895	O					4.65
143.667	0.00	0.01	0.895	O					4.65
143.750	0.00	0.01	0.895	O					4.65
143.833	0.00	0.01	0.895	O					4.65
143.917	0.00	0.01	0.895	O					4.65
144.000	0.00	0.01	0.895	O					4.65
144.083	0.00	0.01	0.895	O					4.65
144.167	0.00	0.01	0.894	O					4.64
144.250	0.00	0.01	0.894	O					4.64
144.333	0.00	0.01	0.894	O					4.64
144.417	0.00	0.01	0.894	O					4.64
144.500	0.00	0.01	0.894	O					4.64
144.583	0.00	0.01	0.894	O					4.64
144.667	0.00	0.01	0.894	O					4.64
144.750	0.00	0.01	0.894	O					4.64
144.833	0.00	0.01	0.894	O					4.64
144.917	0.00	0.01	0.894	O					4.64
145.000	0.00	0.01	0.894	O					4.64
145.083	0.00	0.01	0.894	O					4.64
145.167	0.00	0.01	0.894	O					4.64
145.250	0.00	0.01	0.894	O					4.64
145.333	0.00	0.01	0.894	O					4.64
145.417	0.00	0.01	0.893	O					4.64

145.500	0.00	0.01	0.893	O					4.64
145.583	0.00	0.01	0.893	O					4.64
145.667	0.00	0.01	0.893	O					4.64
145.750	0.00	0.01	0.893	O					4.64
145.833	0.00	0.01	0.893	O					4.64
145.917	0.00	0.01	0.893	O					4.64
146.000	0.00	0.01	0.893	O					4.64
146.083	0.00	0.01	0.893	O					4.64
146.167	0.00	0.01	0.893	O					4.64
146.250	0.00	0.01	0.893	O					4.64
146.333	0.00	0.01	0.893	O					4.64
146.417	0.00	0.01	0.893	O					4.64
146.500	0.00	0.01	0.893	O					4.63
146.583	0.00	0.01	0.892	O					4.63
146.667	0.00	0.01	0.892	O					4.63
146.750	0.00	0.01	0.892	O					4.63
146.833	0.00	0.01	0.892	O					4.63
146.917	0.00	0.01	0.892	O					4.63
147.000	0.00	0.01	0.892	O					4.63
147.083	0.00	0.01	0.892	O					4.63
147.167	0.00	0.01	0.892	O					4.63
147.250	0.00	0.01	0.892	O					4.63
147.333	0.00	0.01	0.892	O					4.63
147.417	0.00	0.01	0.892	O					4.63
147.500	0.00	0.01	0.892	O					4.63
147.583	0.00	0.01	0.892	O					4.63
147.667	0.00	0.01	0.892	O					4.63
147.750	0.00	0.01	0.892	O					4.63
147.833	0.00	0.01	0.891	O					4.63
147.917	0.00	0.01	0.891	O					4.63
148.000	0.00	0.01	0.891	O					4.63
148.083	0.00	0.01	0.891	O					4.63
148.167	0.00	0.01	0.891	O					4.63
148.250	0.00	0.01	0.891	O					4.63
148.333	0.00	0.01	0.891	O					4.63
148.417	0.00	0.01	0.891	O					4.63
148.500	0.00	0.01	0.891	O					4.63
148.583	0.00	0.01	0.891	O					4.63
148.667	0.00	0.01	0.891	O					4.63
148.750	0.00	0.01	0.891	O					4.63
148.833	0.00	0.01	0.891	O					4.62
148.917	0.00	0.01	0.891	O					4.62
149.000	0.00	0.01	0.890	O					4.62
149.083	0.00	0.01	0.890	O					4.62
149.167	0.00	0.01	0.890	O					4.62
149.250	0.00	0.01	0.890	O					4.62
149.333	0.00	0.01	0.890	O					4.62
149.417	0.00	0.01	0.890	O					4.62
149.500	0.00	0.01	0.890	O					4.62
149.583	0.00	0.01	0.890	O					4.62
149.667	0.00	0.01	0.890	O					4.62
149.750	0.00	0.01	0.890	O					4.62
149.833	0.00	0.01	0.890	O					4.62
149.917	0.00	0.01	0.890	O					4.62
150.000	0.00	0.01	0.890	O					4.62
150.083	0.00	0.01	0.890	O					4.62
150.167	0.00	0.01	0.890	O					4.62

150.250	0.00	0.01	0.889	O	|	|	|	4.62
150.333	0.00	0.01	0.889	O	|	|	|	4.62
150.417	0.00	0.01	0.889	O	|	|	|	4.62
150.500	0.00	0.01	0.889	O	|	|	|	4.62
150.583	0.00	0.01	0.889	O	|	|	|	4.62
150.667	0.00	0.01	0.889	O	|	|	|	4.62
150.750	0.00	0.01	0.889	O	|	|	|	4.62
150.833	0.00	0.01	0.889	O	|	|	|	4.62
150.917	0.00	0.01	0.889	O	|	|	|	4.62
151.000	0.00	0.01	0.889	O	|	|	|	4.62
151.083	0.00	0.01	0.889	O	|	|	|	4.62
151.167	0.00	0.01	0.889	O	|	|	|	4.61
151.250	0.00	0.01	0.889	O	|	|	|	4.61
151.333	0.00	0.01	0.889	O	|	|	|	4.61
151.417	0.00	0.01	0.888	O	|	|	|	4.61
151.500	0.00	0.01	0.888	O	|	|	|	4.61
151.583	0.00	0.01	0.888	O	|	|	|	4.61
151.667	0.00	0.01	0.888	O	|	|	|	4.61
151.750	0.00	0.01	0.888	O	|	|	|	4.61
151.833	0.00	0.01	0.888	O	|	|	|	4.61
151.917	0.00	0.01	0.888	O	|	|	|	4.61
152.000	0.00	0.01	0.888	O	|	|	|	4.61
152.083	0.00	0.01	0.888	O	|	|	|	4.61
152.167	0.00	0.01	0.888	O	|	|	|	4.61
152.250	0.00	0.01	0.888	O	|	|	|	4.61
152.333	0.00	0.01	0.888	O	|	|	|	4.61
152.417	0.00	0.01	0.888	O	|	|	|	4.61
152.500	0.00	0.01	0.888	O	|	|	|	4.61
152.583	0.00	0.01	0.888	O	|	|	|	4.61
152.667	0.00	0.01	0.887	O	|	|	|	4.61
152.750	0.00	0.01	0.887	O	|	|	|	4.61
152.833	0.00	0.01	0.887	O	|	|	|	4.61
152.917	0.00	0.01	0.887	O	|	|	|	4.61
153.000	0.00	0.01	0.887	O	|	|	|	4.61
153.083	0.00	0.01	0.887	O	|	|	|	4.61
153.167	0.00	0.01	0.887	O	|	|	|	4.61
153.250	0.00	0.01	0.887	O	|	|	|	4.61
153.333	0.00	0.01	0.887	O	|	|	|	4.61
153.417	0.00	0.01	0.887	O	|	|	|	4.61
153.500	0.00	0.01	0.887	O	|	|	|	4.60
153.583	0.00	0.01	0.887	O	|	|	|	4.60
153.667	0.00	0.01	0.887	O	|	|	|	4.60
153.750	0.00	0.01	0.887	O	|	|	|	4.60
153.833	0.00	0.01	0.886	O	|	|	|	4.60
153.917	0.00	0.01	0.886	O	|	|	|	4.60
154.000	0.00	0.01	0.886	O	|	|	|	4.60
154.083	0.00	0.01	0.886	O	|	|	|	4.60
154.167	0.00	0.01	0.886	O	|	|	|	4.60
154.250	0.00	0.01	0.886	O	|	|	|	4.60
154.333	0.00	0.01	0.886	O	|	|	|	4.60
154.417	0.00	0.01	0.886	O	|	|	|	4.60
154.500	0.00	0.01	0.886	O	|	|	|	4.60
154.583	0.00	0.01	0.886	O	|	|	|	4.60
154.667	0.00	0.01	0.886	O	|	|	|	4.60
154.750	0.00	0.01	0.886	O	|	|	|	4.60
154.833	0.00	0.01	0.886	O	|	|	|	4.60
154.917	0.00	0.01	0.886	O	|	|	|	4.60

155.000	0.00	0.01	0.886	O	|	|	|	4.60
155.083	0.00	0.01	0.885	O	|	|	|	4.60
155.167	0.00	0.01	0.885	O	|	|	|	4.60
155.250	0.00	0.01	0.885	O	|	|	|	4.60
155.333	0.00	0.01	0.885	O	|	|	|	4.60
155.417	0.00	0.01	0.885	O	|	|	|	4.60
155.500	0.00	0.01	0.885	O	|	|	|	4.60
155.583	0.00	0.01	0.885	O	|	|	|	4.60
155.667	0.00	0.01	0.885	O	|	|	|	4.60
155.750	0.00	0.01	0.885	O	|	|	|	4.60
155.833	0.00	0.01	0.885	O	|	|	|	4.59
155.917	0.00	0.01	0.885	O	|	|	|	4.59
156.000	0.00	0.01	0.885	O	|	|	|	4.59
156.083	0.00	0.01	0.885	O	|	|	|	4.59
156.167	0.00	0.01	0.885	O	|	|	|	4.59
156.250	0.00	0.01	0.884	O	|	|	|	4.59
156.333	0.00	0.01	0.884	O	|	|	|	4.59
156.417	0.00	0.01	0.884	O	|	|	|	4.59
156.500	0.00	0.01	0.884	O	|	|	|	4.59
156.583	0.00	0.01	0.884	O	|	|	|	4.59
156.667	0.00	0.01	0.884	O	|	|	|	4.59
156.750	0.00	0.01	0.884	O	|	|	|	4.59
156.833	0.00	0.01	0.884	O	|	|	|	4.59
156.917	0.00	0.01	0.884	O	|	|	|	4.59
157.000	0.00	0.01	0.884	O	|	|	|	4.59
157.083	0.00	0.01	0.884	O	|	|	|	4.59
157.167	0.00	0.01	0.884	O	|	|	|	4.59
157.250	0.00	0.01	0.884	O	|	|	|	4.59
157.333	0.00	0.01	0.884	O	|	|	|	4.59
157.417	0.00	0.01	0.884	O	|	|	|	4.59
157.500	0.00	0.01	0.883	O	|	|	|	4.59
157.583	0.00	0.01	0.883	O	|	|	|	4.59
157.667	0.00	0.01	0.883	O	|	|	|	4.59
157.750	0.00	0.01	0.883	O	|	|	|	4.59
157.833	0.00	0.01	0.883	O	|	|	|	4.59
157.917	0.00	0.01	0.883	O	|	|	|	4.59
158.000	0.00	0.01	0.883	O	|	|	|	4.59
158.083	0.00	0.01	0.883	O	|	|	|	4.59
158.167	0.00	0.01	0.883	O	|	|	|	4.58
158.250	0.00	0.01	0.883	O	|	|	|	4.58
158.333	0.00	0.01	0.883	O	|	|	|	4.58
158.417	0.00	0.01	0.883	O	|	|	|	4.58
158.500	0.00	0.01	0.883	O	|	|	|	4.58
158.583	0.00	0.01	0.883	O	|	|	|	4.58
158.667	0.00	0.01	0.882	O	|	|	|	4.58
158.750	0.00	0.01	0.882	O	|	|	|	4.58
158.833	0.00	0.01	0.882	O	|	|	|	4.58
158.917	0.00	0.01	0.882	O	|	|	|	4.58
159.000	0.00	0.01	0.882	O	|	|	|	4.58
159.083	0.00	0.01	0.882	O	|	|	|	4.58
159.167	0.00	0.01	0.882	O	|	|	|	4.58
159.250	0.00	0.01	0.882	O	|	|	|	4.58
159.333	0.00	0.01	0.882	O	|	|	|	4.58
159.417	0.00	0.01	0.882	O	|	|	|	4.58
159.500	0.00	0.01	0.882	O	|	|	|	4.58
159.583	0.00	0.01	0.882	O	|	|	|	4.58
159.667	0.00	0.01	0.882	O	|	|	|	4.58

159.750	0.00	0.01	0.882	O	|	|	|	|	4.58
159.833	0.00	0.01	0.882	O	|	|	|	|	4.58
159.917	0.00	0.01	0.881	O	|	|	|	|	4.58
160.000	0.00	0.01	0.881	O	|	|	|	|	4.58
160.083	0.00	0.01	0.881	O	|	|	|	|	4.58
160.167	0.00	0.01	0.881	O	|	|	|	|	4.58
160.250	0.00	0.01	0.881	O	|	|	|	|	4.58
160.333	0.00	0.01	0.881	O	|	|	|	|	4.58
160.417	0.00	0.01	0.881	O	|	|	|	|	4.58
160.500	0.00	0.01	0.881	O	|	|	|	|	4.57
160.583	0.00	0.01	0.881	O	|	|	|	|	4.57
160.667	0.00	0.01	0.881	O	|	|	|	|	4.57
160.750	0.00	0.01	0.881	O	|	|	|	|	4.57
160.833	0.00	0.01	0.881	O	|	|	|	|	4.57
160.917	0.00	0.01	0.881	O	|	|	|	|	4.57
161.000	0.00	0.01	0.881	O	|	|	|	|	4.57
161.083	0.00	0.01	0.880	O	|	|	|	|	4.57
161.167	0.00	0.01	0.880	O	|	|	|	|	4.57
161.250	0.00	0.01	0.880	O	|	|	|	|	4.57
161.333	0.00	0.01	0.880	O	|	|	|	|	4.57
161.417	0.00	0.01	0.880	O	|	|	|	|	4.57
161.500	0.00	0.01	0.880	O	|	|	|	|	4.57
161.583	0.00	0.01	0.880	O	|	|	|	|	4.57
161.667	0.00	0.01	0.880	O	|	|	|	|	4.57
161.750	0.00	0.01	0.880	O	|	|	|	|	4.57
161.833	0.00	0.01	0.880	O	|	|	|	|	4.57
161.917	0.00	0.01	0.880	O	|	|	|	|	4.57
162.000	0.00	0.01	0.880	O	|	|	|	|	4.57
162.083	0.00	0.01	0.880	O	|	|	|	|	4.57
162.167	0.00	0.01	0.880	O	|	|	|	|	4.57
162.250	0.00	0.01	0.880	O	|	|	|	|	4.57
162.333	0.00	0.01	0.879	O	|	|	|	|	4.57
162.417	0.00	0.01	0.879	O	|	|	|	|	4.57
162.500	0.00	0.01	0.879	O	|	|	|	|	4.57
162.583	0.00	0.01	0.879	O	|	|	|	|	4.57
162.667	0.00	0.01	0.879	O	|	|	|	|	4.57
162.750	0.00	0.01	0.879	O	|	|	|	|	4.57
162.833	0.00	0.01	0.879	O	|	|	|	|	4.57
162.917	0.00	0.01	0.879	O	|	|	|	|	4.56
163.000	0.00	0.01	0.879	O	|	|	|	|	4.56
163.083	0.00	0.01	0.879	O	|	|	|	|	4.56
163.167	0.00	0.01	0.879	O	|	|	|	|	4.56
163.250	0.00	0.01	0.879	O	|	|	|	|	4.56
163.333	0.00	0.01	0.879	O	|	|	|	|	4.56
163.417	0.00	0.01	0.879	O	|	|	|	|	4.56
163.500	0.00	0.01	0.878	O	|	|	|	|	4.56
163.583	0.00	0.01	0.878	O	|	|	|	|	4.56
163.667	0.00	0.01	0.878	O	|	|	|	|	4.56
163.750	0.00	0.01	0.878	O	|	|	|	|	4.56
163.833	0.00	0.01	0.878	O	|	|	|	|	4.56
163.917	0.00	0.01	0.878	O	|	|	|	|	4.56
164.000	0.00	0.01	0.878	O	|	|	|	|	4.56
164.083	0.00	0.01	0.878	O	|	|	|	|	4.56
164.167	0.00	0.01	0.878	O	|	|	|	|	4.56
164.250	0.00	0.01	0.878	O	|	|	|	|	4.56
164.333	0.00	0.01	0.878	O	|	|	|	|	4.56
164.417	0.00	0.01	0.878	O	|	|	|	|	4.56

164.500	0.00	0.01	0.878	O	|	|	|	|	4.56
164.583	0.00	0.01	0.878	O	|	|	|	|	4.56
164.667	0.00	0.01	0.878	O	|	|	|	|	4.56
164.750	0.00	0.01	0.877	O	|	|	|	|	4.56
164.833	0.00	0.01	0.877	O	|	|	|	|	4.56
164.917	0.00	0.01	0.877	O	|	|	|	|	4.56
165.000	0.00	0.01	0.877	O	|	|	|	|	4.56
165.083	0.00	0.01	0.877	O	|	|	|	|	4.56
165.167	0.00	0.01	0.877	O	|	|	|	|	4.56
165.250	0.00	0.01	0.877	O	|	|	|	|	4.55
165.333	0.00	0.01	0.877	O	|	|	|	|	4.55
165.417	0.00	0.01	0.877	O	|	|	|	|	4.55
165.500	0.00	0.01	0.877	O	|	|	|	|	4.55
165.583	0.00	0.01	0.877	O	|	|	|	|	4.55
165.667	0.00	0.01	0.877	O	|	|	|	|	4.55
165.750	0.00	0.01	0.877	O	|	|	|	|	4.55
165.833	0.00	0.01	0.877	O	|	|	|	|	4.55
165.917	0.00	0.01	0.876	O	|	|	|	|	4.55
166.000	0.00	0.01	0.876	O	|	|	|	|	4.55
166.083	0.00	0.01	0.876	O	|	|	|	|	4.55
166.167	0.00	0.01	0.876	O	|	|	|	|	4.55
166.250	0.00	0.01	0.876	O	|	|	|	|	4.55
166.333	0.00	0.01	0.876	O	|	|	|	|	4.55
166.417	0.00	0.01	0.876	O	|	|	|	|	4.55
166.500	0.00	0.01	0.876	O	|	|	|	|	4.55
166.583	0.00	0.01	0.876	O	|	|	|	|	4.55
166.667	0.00	0.01	0.876	O	|	|	|	|	4.55
166.750	0.00	0.01	0.876	O	|	|	|	|	4.55
166.833	0.00	0.01	0.876	O	|	|	|	|	4.55
166.917	0.00	0.01	0.876	O	|	|	|	|	4.55
167.000	0.00	0.01	0.876	O	|	|	|	|	4.55
167.083	0.00	0.01	0.876	O	|	|	|	|	4.55
167.167	0.00	0.01	0.875	O	|	|	|	|	4.55
167.250	0.00	0.01	0.875	O	|	|	|	|	4.55
167.333	0.00	0.01	0.875	O	|	|	|	|	4.55
167.417	0.00	0.01	0.875	O	|	|	|	|	4.55
167.500	0.00	0.01	0.875	O	|	|	|	|	4.55
167.583	0.00	0.01	0.875	O	|	|	|	|	4.54
167.667	0.00	0.01	0.875	O	|	|	|	|	4.54
167.750	0.00	0.01	0.875	O	|	|	|	|	4.54
167.833	0.00	0.01	0.875	O	|	|	|	|	4.54
167.917	0.00	0.01	0.875	O	|	|	|	|	4.54
168.000	0.00	0.01	0.875	O	|	|	|	|	4.54
168.083	0.00	0.01	0.875	O	|	|	|	|	4.54
168.167	0.00	0.01	0.875	O	|	|	|	|	4.54
168.250	0.00	0.01	0.875	O	|	|	|	|	4.54
168.333	0.00	0.01	0.875	O	|	|	|	|	4.54
168.417	0.00	0.01	0.874	O	|	|	|	|	4.54
168.500	0.00	0.01	0.874	O	|	|	|	|	4.54
168.583	0.00	0.01	0.874	O	|	|	|	|	4.54
168.667	0.00	0.01	0.874	O	|	|	|	|	4.54
168.750	0.00	0.01	0.874	O	|	|	|	|	4.54
168.833	0.00	0.01	0.874	O	|	|	|	|	4.54
168.917	0.00	0.01	0.874	O	|	|	|	|	4.54
169.000	0.00	0.01	0.874	O	|	|	|	|	4.54
169.083	0.00	0.01	0.874	O	|	|	|	|	4.54
169.167	0.00	0.01	0.874	O	|	|	|	|	4.54

169.250	0.00	0.01	0.874	O	|	|	|	4.54
169.333	0.00	0.01	0.874	O	|	|	|	4.54
169.417	0.00	0.01	0.874	O	|	|	|	4.54
169.500	0.00	0.01	0.874	O	|	|	|	4.54
169.583	0.00	0.01	0.873	O	|	|	|	4.54
169.667	0.00	0.01	0.873	O	|	|	|	4.54
169.750	0.00	0.01	0.873	O	|	|	|	4.54
169.833	0.00	0.01	0.873	O	|	|	|	4.54
169.917	0.00	0.01	0.873	O	|	|	|	4.53
170.000	0.00	0.01	0.873	O	|	|	|	4.53
170.083	0.00	0.01	0.873	O	|	|	|	4.53
170.167	0.00	0.01	0.873	O	|	|	|	4.53
170.250	0.00	0.01	0.873	O	|	|	|	4.53
170.333	0.00	0.01	0.873	O	|	|	|	4.53
170.417	0.00	0.01	0.873	O	|	|	|	4.53
170.500	0.00	0.01	0.873	O	|	|	|	4.53
170.583	0.00	0.01	0.873	O	|	|	|	4.53
170.667	0.00	0.01	0.873	O	|	|	|	4.53
170.750	0.00	0.01	0.873	O	|	|	|	4.53
170.833	0.00	0.01	0.872	O	|	|	|	4.53
170.917	0.00	0.01	0.872	O	|	|	|	4.53
171.000	0.00	0.01	0.872	O	|	|	|	4.53
171.083	0.00	0.01	0.872	O	|	|	|	4.53
171.167	0.00	0.01	0.872	O	|	|	|	4.53
171.250	0.00	0.01	0.872	O	|	|	|	4.53
171.333	0.00	0.01	0.872	O	|	|	|	4.53
171.417	0.00	0.01	0.872	O	|	|	|	4.53
171.500	0.00	0.01	0.872	O	|	|	|	4.53
171.583	0.00	0.01	0.872	O	|	|	|	4.53
171.667	0.00	0.01	0.872	O	|	|	|	4.53
171.750	0.00	0.01	0.872	O	|	|	|	4.53
171.833	0.00	0.01	0.872	O	|	|	|	4.53
171.917	0.00	0.01	0.872	O	|	|	|	4.53
172.000	0.00	0.01	0.871	O	|	|	|	4.53
172.083	0.00	0.01	0.871	O	|	|	|	4.53
172.167	0.00	0.01	0.871	O	|	|	|	4.53
172.250	0.00	0.01	0.871	O	|	|	|	4.52
172.333	0.00	0.01	0.871	O	|	|	|	4.52
172.417	0.00	0.01	0.871	O	|	|	|	4.52
172.500	0.00	0.01	0.871	O	|	|	|	4.52
172.583	0.00	0.01	0.871	O	|	|	|	4.52
172.667	0.00	0.01	0.871	O	|	|	|	4.52
172.750	0.00	0.01	0.871	O	|	|	|	4.52
172.833	0.00	0.01	0.871	O	|	|	|	4.52
172.917	0.00	0.01	0.871	O	|	|	|	4.52
173.000	0.00	0.01	0.871	O	|	|	|	4.52
173.083	0.00	0.01	0.871	O	|	|	|	4.52
173.167	0.00	0.01	0.871	O	|	|	|	4.52
173.250	0.00	0.01	0.870	O	|	|	|	4.52
173.333	0.00	0.01	0.870	O	|	|	|	4.52
173.417	0.00	0.01	0.870	O	|	|	|	4.52
173.500	0.00	0.01	0.870	O	|	|	|	4.52
173.583	0.00	0.01	0.870	O	|	|	|	4.52
173.667	0.00	0.01	0.870	O	|	|	|	4.52
173.750	0.00	0.01	0.870	O	|	|	|	4.52
173.833	0.00	0.01	0.870	O	|	|	|	4.52
173.917	0.00	0.01	0.870	O	|	|	|	4.52

174.000	0.00	0.01	0.870	O	|	|	|	|	4.52
174.083	0.00	0.01	0.870	O	|	|	|	|	4.52
174.167	0.00	0.01	0.870	O	|	|	|	|	4.52
174.250	0.00	0.01	0.870	O	|	|	|	|	4.52
174.333	0.00	0.01	0.870	O	|	|	|	|	4.52
174.417	0.00	0.01	0.869	O	|	|	|	|	4.52
174.500	0.00	0.01	0.869	O	|	|	|	|	4.52
174.583	0.00	0.01	0.869	O	|	|	|	|	4.51
174.667	0.00	0.01	0.869	O	|	|	|	|	4.51
174.750	0.00	0.01	0.869	O	|	|	|	|	4.51
174.833	0.00	0.01	0.869	O	|	|	|	|	4.51
174.917	0.00	0.01	0.869	O	|	|	|	|	4.51
175.000	0.00	0.01	0.869	O	|	|	|	|	4.51
175.083	0.00	0.01	0.869	O	|	|	|	|	4.51
175.167	0.00	0.01	0.869	O	|	|	|	|	4.51
175.250	0.00	0.01	0.869	O	|	|	|	|	4.51
175.333	0.00	0.01	0.869	O	|	|	|	|	4.51
175.417	0.00	0.01	0.869	O	|	|	|	|	4.51
175.500	0.00	0.01	0.869	O	|	|	|	|	4.51
175.583	0.00	0.01	0.869	O	|	|	|	|	4.51
175.667	0.00	0.01	0.868	O	|	|	|	|	4.51
175.750	0.00	0.01	0.868	O	|	|	|	|	4.51
175.833	0.00	0.01	0.868	O	|	|	|	|	4.51
175.917	0.00	0.01	0.868	O	|	|	|	|	4.51
176.000	0.00	0.01	0.868	O	|	|	|	|	4.51
176.083	0.00	0.01	0.868	O	|	|	|	|	4.51
176.167	0.00	0.01	0.868	O	|	|	|	|	4.51
176.250	0.00	0.01	0.868	O	|	|	|	|	4.51
176.333	0.00	0.01	0.868	O	|	|	|	|	4.51
176.417	0.00	0.01	0.868	O	|	|	|	|	4.51
176.500	0.00	0.01	0.868	O	|	|	|	|	4.51
176.583	0.00	0.01	0.868	O	|	|	|	|	4.51
176.667	0.00	0.01	0.868	O	|	|	|	|	4.51
176.750	0.00	0.01	0.868	O	|	|	|	|	4.51
176.833	0.00	0.01	0.867	O	|	|	|	|	4.51
176.917	0.00	0.01	0.867	O	|	|	|	|	4.50
177.000	0.00	0.01	0.867	O	|	|	|	|	4.50
177.083	0.00	0.01	0.867	O	|	|	|	|	4.50
177.167	0.00	0.01	0.867	O	|	|	|	|	4.50
177.250	0.00	0.01	0.867	O	|	|	|	|	4.50
177.333	0.00	0.01	0.867	O	|	|	|	|	4.50
177.417	0.00	0.01	0.867	O	|	|	|	|	4.50
177.500	0.00	0.01	0.867	O	|	|	|	|	4.50
177.583	0.00	0.01	0.867	O	|	|	|	|	4.50
177.667	0.00	0.01	0.867	O	|	|	|	|	4.50
177.750	0.00	0.01	0.867	O	|	|	|	|	4.50
177.833	0.00	0.01	0.867	O	|	|	|	|	4.50
177.917	0.00	0.01	0.867	O	|	|	|	|	4.50
178.000	0.00	0.01	0.867	O	|	|	|	|	4.50
178.083	0.00	0.01	0.866	O	|	|	|	|	4.50
178.167	0.00	0.01	0.866	O	|	|	|	|	4.50
178.250	0.00	0.01	0.866	O	|	|	|	|	4.50
178.333	0.00	0.01	0.866	O	|	|	|	|	4.50
178.417	0.00	0.01	0.866	O	|	|	|	|	4.50
178.500	0.00	0.01	0.866	O	|	|	|	|	4.50
178.583	0.00	0.01	0.866	O	|	|	|	|	4.50
178.667	0.00	0.01	0.866	O	|	|	|	|	4.50

178.750	0.00	0.01	0.866	O					4.50
178.833	0.00	0.01	0.866	O					4.50
178.917	0.00	0.01	0.866	O					4.50
179.000	0.00	0.01	0.866	O					4.50
179.083	0.00	0.01	0.866	O					4.50
179.167	0.00	0.01	0.866	O					4.50
179.250	0.00	0.01	0.865	O					4.49
179.333	0.00	0.01	0.865	O					4.49
179.417	0.00	0.01	0.865	O					4.49
179.500	0.00	0.01	0.865	O					4.49
179.583	0.00	0.01	0.865	O					4.49
179.667	0.00	0.01	0.865	O					4.49
179.750	0.00	0.01	0.865	O					4.49
179.833	0.00	0.01	0.865	O					4.49
179.917	0.00	0.01	0.865	O					4.49
180.000	0.00	0.01	0.865	O					4.49
180.083	0.00	0.01	0.865	O					4.49
180.167	0.00	0.01	0.865	O					4.49
180.250	0.00	0.01	0.865	O					4.49
180.333	0.00	0.01	0.865	O					4.49
180.417	0.00	0.01	0.865	O					4.49
180.500	0.00	0.01	0.864	O					4.49
180.583	0.00	0.01	0.864	O					4.49
180.667	0.00	0.01	0.864	O					4.49
180.750	0.00	0.01	0.864	O					4.49
180.833	0.00	0.01	0.864	O					4.49
180.917	0.00	0.01	0.864	O					4.49
181.000	0.00	0.01	0.864	O					4.49
181.083	0.00	0.01	0.864	O					4.49
181.167	0.00	0.01	0.864	O					4.49
181.250	0.00	0.01	0.864	O					4.49
181.333	0.00	0.01	0.864	O					4.49
181.417	0.00	0.01	0.864	O					4.49
181.500	0.00	0.01	0.864	O					4.49
181.583	0.00	0.01	0.864	O					4.48
181.667	0.00	0.01	0.863	O					4.48
181.750	0.00	0.01	0.863	O					4.48
181.833	0.00	0.01	0.863	O					4.48
181.917	0.00	0.01	0.863	O					4.48
182.000	0.00	0.01	0.863	O					4.48
182.083	0.00	0.01	0.863	O					4.48
182.167	0.00	0.01	0.863	O					4.48
182.250	0.00	0.01	0.863	O					4.48
182.333	0.00	0.01	0.863	O					4.48
182.417	0.00	0.01	0.863	O					4.48
182.500	0.00	0.01	0.863	O					4.48
182.583	0.00	0.01	0.863	O					4.48
182.667	0.00	0.01	0.863	O					4.48
182.750	0.00	0.01	0.863	O					4.48
182.833	0.00	0.01	0.863	O					4.48
182.917	0.00	0.01	0.862	O					4.48
183.000	0.00	0.01	0.862	O					4.48
183.083	0.00	0.01	0.862	O					4.48
183.167	0.00	0.01	0.862	O					4.48
183.250	0.00	0.01	0.862	O					4.48
183.333	0.00	0.01	0.862	O					4.48
183.417	0.00	0.01	0.862	O					4.48

183.500	0.00	0.01	0.862	O	|	|	|	4.48
183.583	0.00	0.01	0.862	O	|	|	|	4.48
183.667	0.00	0.01	0.862	O	|	|	|	4.48
183.750	0.00	0.01	0.862	O	|	|	|	4.48
183.833	0.00	0.01	0.862	O	|	|	|	4.48
183.917	0.00	0.01	0.862	O	|	|	|	4.47
184.000	0.00	0.01	0.862	O	|	|	|	4.47
184.083	0.00	0.01	0.861	O	|	|	|	4.47
184.167	0.00	0.01	0.861	O	|	|	|	4.47
184.250	0.00	0.01	0.861	O	|	|	|	4.47
184.333	0.00	0.01	0.861	O	|	|	|	4.47
184.417	0.00	0.01	0.861	O	|	|	|	4.47
184.500	0.00	0.01	0.861	O	|	|	|	4.47
184.583	0.00	0.01	0.861	O	|	|	|	4.47
184.667	0.00	0.01	0.861	O	|	|	|	4.47
184.750	0.00	0.01	0.861	O	|	|	|	4.47
184.833	0.00	0.01	0.861	O	|	|	|	4.47
184.917	0.00	0.01	0.861	O	|	|	|	4.47
185.000	0.00	0.01	0.861	O	|	|	|	4.47
185.083	0.00	0.01	0.861	O	|	|	|	4.47
185.167	0.00	0.01	0.861	O	|	|	|	4.47
185.250	0.00	0.01	0.861	O	|	|	|	4.47
185.333	0.00	0.01	0.860	O	|	|	|	4.47
185.417	0.00	0.01	0.860	O	|	|	|	4.47
185.500	0.00	0.01	0.860	O	|	|	|	4.47
185.583	0.00	0.01	0.860	O	|	|	|	4.47
185.667	0.00	0.01	0.860	O	|	|	|	4.47
185.750	0.00	0.01	0.860	O	|	|	|	4.47
185.833	0.00	0.01	0.860	O	|	|	|	4.47
185.917	0.00	0.01	0.860	O	|	|	|	4.47
186.000	0.00	0.01	0.860	O	|	|	|	4.47
186.083	0.00	0.01	0.860	O	|	|	|	4.47
186.167	0.00	0.01	0.860	O	|	|	|	4.47
186.250	0.00	0.01	0.860	O	|	|	|	4.46
186.333	0.00	0.01	0.860	O	|	|	|	4.46
186.417	0.00	0.01	0.860	O	|	|	|	4.46
186.500	0.00	0.01	0.859	O	|	|	|	4.46
186.583	0.00	0.01	0.859	O	|	|	|	4.46
186.667	0.00	0.01	0.859	O	|	|	|	4.46
186.750	0.00	0.01	0.859	O	|	|	|	4.46
186.833	0.00	0.01	0.859	O	|	|	|	4.46
186.917	0.00	0.01	0.859	O	|	|	|	4.46
187.000	0.00	0.01	0.859	O	|	|	|	4.46
187.083	0.00	0.01	0.859	O	|	|	|	4.46
187.167	0.00	0.01	0.859	O	|	|	|	4.46
187.250	0.00	0.01	0.859	O	|	|	|	4.46
187.333	0.00	0.01	0.859	O	|	|	|	4.46
187.417	0.00	0.01	0.859	O	|	|	|	4.46
187.500	0.00	0.01	0.859	O	|	|	|	4.46
187.583	0.00	0.01	0.859	O	|	|	|	4.46
187.667	0.00	0.01	0.859	O	|	|	|	4.46
187.750	0.00	0.01	0.858	O	|	|	|	4.46
187.833	0.00	0.01	0.858	O	|	|	|	4.46
187.917	0.00	0.01	0.858	O	|	|	|	4.46
188.000	0.00	0.01	0.858	O	|	|	|	4.46
188.083	0.00	0.01	0.858	O	|	|	|	4.46
188.167	0.00	0.01	0.858	O	|	|	|	4.46

188.250	0.00	0.01	0.858	O					4.46
188.333	0.00	0.01	0.858	O					4.46
188.417	0.00	0.01	0.858	O					4.46
188.500	0.00	0.01	0.858	O					4.46
188.583	0.00	0.01	0.858	O					4.45
188.667	0.00	0.01	0.858	O					4.45
188.750	0.00	0.01	0.858	O					4.45
188.833	0.00	0.01	0.858	O					4.45
188.917	0.00	0.01	0.857	O					4.45
189.000	0.00	0.01	0.857	O					4.45
189.083	0.00	0.01	0.857	O					4.45
189.167	0.00	0.01	0.857	O					4.45
189.250	0.00	0.01	0.857	O					4.45
189.333	0.00	0.01	0.857	O					4.45
189.417	0.00	0.01	0.857	O					4.45
189.500	0.00	0.01	0.857	O					4.45
189.583	0.00	0.01	0.857	O					4.45
189.667	0.00	0.01	0.857	O					4.45
189.750	0.00	0.01	0.857	O					4.45
189.833	0.00	0.01	0.857	O					4.45
189.917	0.00	0.01	0.857	O					4.45
190.000	0.00	0.01	0.857	O					4.45
190.083	0.00	0.01	0.857	O					4.45
190.167	0.00	0.01	0.856	O					4.45
190.250	0.00	0.01	0.856	O					4.45
190.333	0.00	0.01	0.856	O					4.45
190.417	0.00	0.01	0.856	O					4.45
190.500	0.00	0.01	0.856	O					4.45
190.583	0.00	0.01	0.856	O					4.45
190.667	0.00	0.01	0.856	O					4.45
190.750	0.00	0.01	0.856	O					4.45
190.833	0.00	0.01	0.856	O					4.45
190.917	0.00	0.01	0.856	O					4.44
191.000	0.00	0.01	0.856	O					4.44
191.083	0.00	0.01	0.856	O					4.44
191.167	0.00	0.01	0.856	O					4.44
191.250	0.00	0.01	0.856	O					4.44
191.333	0.00	0.01	0.855	O					4.44
191.417	0.00	0.01	0.855	O					4.44
191.500	0.00	0.01	0.855	O					4.44
191.583	0.00	0.01	0.855	O					4.44
191.667	0.00	0.01	0.855	O					4.44
191.750	0.00	0.01	0.855	O					4.44
191.833	0.00	0.01	0.855	O					4.44
191.917	0.00	0.01	0.855	O					4.44
192.000	0.00	0.01	0.855	O					4.44
192.083	0.00	0.01	0.855	O					4.44
192.167	0.00	0.01	0.855	O					4.44
192.250	0.00	0.01	0.855	O					4.44
192.333	0.00	0.01	0.855	O					4.44
192.417	0.00	0.01	0.855	O					4.44
192.500	0.00	0.01	0.855	O					4.44
192.583	0.00	0.01	0.854	O					4.44
192.667	0.00	0.01	0.854	O					4.44
192.750	0.00	0.01	0.854	O					4.44
192.833	0.00	0.01	0.854	O					4.44
192.917	0.00	0.01	0.854	O					4.44

193.000	0.00	0.01	0.854	O					4.44
193.083	0.00	0.01	0.854	O					4.44
193.167	0.00	0.01	0.854	O					4.44
193.250	0.00	0.01	0.854	O					4.43
193.333	0.00	0.01	0.854	O					4.43
193.417	0.00	0.01	0.854	O					4.43
193.500	0.00	0.01	0.854	O					4.43
193.583	0.00	0.01	0.854	O					4.43
193.667	0.00	0.01	0.854	O					4.43
193.750	0.00	0.01	0.853	O					4.43
193.833	0.00	0.01	0.853	O					4.43
193.917	0.00	0.01	0.853	O					4.43
194.000	0.00	0.01	0.853	O					4.43
194.083	0.00	0.01	0.853	O					4.43
194.167	0.00	0.01	0.853	O					4.43
194.250	0.00	0.01	0.853	O					4.43
194.333	0.00	0.01	0.853	O					4.43
194.417	0.00	0.01	0.853	O					4.43
194.500	0.00	0.01	0.853	O					4.43
194.583	0.00	0.01	0.853	O					4.43
194.667	0.00	0.01	0.853	O					4.43
194.750	0.00	0.01	0.853	O					4.43
194.833	0.00	0.01	0.853	O					4.43
194.917	0.00	0.01	0.853	O					4.43
195.000	0.00	0.01	0.852	O					4.43
195.083	0.00	0.01	0.852	O					4.43
195.167	0.00	0.01	0.852	O					4.43
195.250	0.00	0.01	0.852	O					4.43
195.333	0.00	0.01	0.852	O					4.43
195.417	0.00	0.01	0.852	O					4.43
195.500	0.00	0.01	0.852	O					4.43
195.583	0.00	0.01	0.852	O					4.42
195.667	0.00	0.01	0.852	O					4.42
195.750	0.00	0.01	0.852	O					4.42
195.833	0.00	0.01	0.852	O					4.42
195.917	0.00	0.01	0.852	O					4.42
196.000	0.00	0.01	0.852	O					4.42
196.083	0.00	0.01	0.852	O					4.42
196.167	0.00	0.01	0.851	O					4.42
196.250	0.00	0.01	0.851	O					4.42
196.333	0.00	0.01	0.851	O					4.42
196.417	0.00	0.01	0.851	O					4.42
196.500	0.00	0.01	0.851	O					4.42
196.583	0.00	0.01	0.851	O					4.42
196.667	0.00	0.01	0.851	O					4.42
196.750	0.00	0.01	0.851	O					4.42
196.833	0.00	0.01	0.851	O					4.42
196.917	0.00	0.01	0.851	O					4.42
197.000	0.00	0.01	0.851	O					4.42
197.083	0.00	0.01	0.851	O					4.42
197.167	0.00	0.01	0.851	O					4.42
197.250	0.00	0.01	0.851	O					4.42
197.333	0.00	0.01	0.851	O					4.42
197.417	0.00	0.01	0.850	O					4.42
197.500	0.00	0.01	0.850	O					4.42
197.583	0.00	0.01	0.850	O					4.42
197.667	0.00	0.01	0.850	O					4.42

197.750	0.00	0.01	0.850	O	|	|	|	4.42
197.833	0.00	0.01	0.850	O	|	|	|	4.42
197.917	0.00	0.01	0.850	O	|	|	|	4.41
198.000	0.00	0.01	0.850	O	|	|	|	4.41
198.083	0.00	0.01	0.850	O	|	|	|	4.41
198.167	0.00	0.01	0.850	O	|	|	|	4.41
198.250	0.00	0.01	0.850	O	|	|	|	4.41
198.333	0.00	0.01	0.850	O	|	|	|	4.41
198.417	0.00	0.01	0.850	O	|	|	|	4.41
198.500	0.00	0.01	0.850	O	|	|	|	4.41
198.583	0.00	0.01	0.850	O	|	|	|	4.41
198.667	0.00	0.01	0.849	O	|	|	|	4.41
198.750	0.00	0.01	0.849	O	|	|	|	4.41
198.833	0.00	0.01	0.849	O	|	|	|	4.41
198.917	0.00	0.01	0.849	O	|	|	|	4.41
199.000	0.00	0.01	0.849	O	|	|	|	4.41
199.083	0.00	0.01	0.849	O	|	|	|	4.41
199.167	0.00	0.01	0.849	O	|	|	|	4.41
199.250	0.00	0.01	0.849	O	|	|	|	4.41
199.333	0.00	0.01	0.849	O	|	|	|	4.41
199.417	0.00	0.01	0.849	O	|	|	|	4.41
199.500	0.00	0.01	0.849	O	|	|	|	4.41
199.583	0.00	0.01	0.849	O	|	|	|	4.41
199.667	0.00	0.01	0.849	O	|	|	|	4.41
199.750	0.00	0.01	0.849	O	|	|	|	4.41
199.833	0.00	0.01	0.848	O	|	|	|	4.41
199.917	0.00	0.01	0.848	O	|	|	|	4.41
200.000	0.00	0.01	0.848	O	|	|	|	4.41
200.083	0.00	0.01	0.848	O	|	|	|	4.41
200.167	0.00	0.01	0.848	O	|	|	|	4.41
200.250	0.00	0.01	0.848	O	|	|	|	4.40
200.333	0.00	0.01	0.848	O	|	|	|	4.40
200.417	0.00	0.01	0.848	O	|	|	|	4.40
200.500	0.00	0.01	0.848	O	|	|	|	4.40
200.583	0.00	0.01	0.848	O	|	|	|	4.40
200.667	0.00	0.01	0.848	O	|	|	|	4.40
200.750	0.00	0.01	0.848	O	|	|	|	4.40
200.833	0.00	0.01	0.848	O	|	|	|	4.40
200.917	0.00	0.01	0.848	O	|	|	|	4.40
201.000	0.00	0.01	0.848	O	|	|	|	4.40
201.083	0.00	0.01	0.847	O	|	|	|	4.40
201.167	0.00	0.01	0.847	O	|	|	|	4.40
201.250	0.00	0.01	0.847	O	|	|	|	4.40
201.333	0.00	0.01	0.847	O	|	|	|	4.40
201.417	0.00	0.01	0.847	O	|	|	|	4.40
201.500	0.00	0.01	0.847	O	|	|	|	4.40
201.583	0.00	0.01	0.847	O	|	|	|	4.40
201.667	0.00	0.01	0.847	O	|	|	|	4.40
201.750	0.00	0.01	0.847	O	|	|	|	4.40
201.833	0.00	0.01	0.847	O	|	|	|	4.40
201.917	0.00	0.01	0.847	O	|	|	|	4.40
202.000	0.00	0.01	0.847	O	|	|	|	4.40
202.083	0.00	0.01	0.847	O	|	|	|	4.40
202.167	0.00	0.01	0.847	O	|	|	|	4.40
202.250	0.00	0.01	0.846	O	|	|	|	4.40
202.333	0.00	0.01	0.846	O	|	|	|	4.40
202.417	0.00	0.01	0.846	O	|	|	|	4.40

202.500	0.00	0.01	0.846	O					4.40
202.583	0.00	0.01	0.846	O					4.39
202.667	0.00	0.01	0.846	O					4.39
202.750	0.00	0.01	0.846	O					4.39
202.833	0.00	0.01	0.846	O					4.39
202.917	0.00	0.01	0.846	O					4.39
203.000	0.00	0.01	0.846	O					4.39
203.083	0.00	0.01	0.846	O					4.39
203.167	0.00	0.01	0.846	O					4.39
203.250	0.00	0.01	0.846	O					4.39
203.333	0.00	0.01	0.846	O					4.39
203.417	0.00	0.01	0.846	O					4.39
203.500	0.00	0.01	0.845	O					4.39
203.583	0.00	0.01	0.845	O					4.39
203.667	0.00	0.01	0.845	O					4.39
203.750	0.00	0.01	0.845	O					4.39
203.833	0.00	0.01	0.845	O					4.39
203.917	0.00	0.01	0.845	O					4.39
204.000	0.00	0.01	0.845	O					4.39
204.083	0.00	0.01	0.845	O					4.39
204.167	0.00	0.01	0.845	O					4.39
204.250	0.00	0.01	0.845	O					4.39
204.333	0.00	0.01	0.845	O					4.39
204.417	0.00	0.01	0.845	O					4.39
204.500	0.00	0.01	0.845	O					4.39
204.583	0.00	0.01	0.845	O					4.39
204.667	0.00	0.01	0.844	O					4.39
204.750	0.00	0.01	0.844	O					4.39
204.833	0.00	0.01	0.844	O					4.39
204.917	0.00	0.01	0.844	O					4.38
205.000	0.00	0.01	0.844	O					4.38
205.083	0.00	0.01	0.844	O					4.38
205.167	0.00	0.01	0.844	O					4.38
205.250	0.00	0.01	0.844	O					4.38
205.333	0.00	0.01	0.844	O					4.38
205.417	0.00	0.01	0.844	O					4.38
205.500	0.00	0.01	0.844	O					4.38
205.583	0.00	0.01	0.844	O					4.38
205.667	0.00	0.01	0.844	O					4.38
205.750	0.00	0.01	0.844	O					4.38
205.833	0.00	0.01	0.844	O					4.38
205.917	0.00	0.01	0.843	O					4.38
206.000	0.00	0.01	0.843	O					4.38
206.083	0.00	0.01	0.843	O					4.38
206.167	0.00	0.01	0.843	O					4.38
206.250	0.00	0.01	0.843	O					4.38
206.333	0.00	0.01	0.843	O					4.38
206.417	0.00	0.01	0.843	O					4.38
206.500	0.00	0.01	0.843	O					4.38
206.583	0.00	0.01	0.843	O					4.38
206.667	0.00	0.01	0.843	O					4.38
206.750	0.00	0.01	0.843	O					4.38
206.833	0.00	0.01	0.843	O					4.38
206.917	0.00	0.01	0.843	O					4.38
207.000	0.00	0.01	0.843	O					4.38
207.083	0.00	0.01	0.842	O					4.38
207.167	0.00	0.01	0.842	O					4.38

207.250	0.00	0.01	0.842	O					4.37
207.333	0.00	0.01	0.842	O					4.37
207.417	0.00	0.01	0.842	O					4.37
207.500	0.00	0.01	0.842	O					4.37
207.583	0.00	0.01	0.842	O					4.37
207.667	0.00	0.01	0.842	O					4.37
207.750	0.00	0.01	0.842	O					4.37
207.833	0.00	0.01	0.842	O					4.37
207.917	0.00	0.01	0.842	O					4.37
208.000	0.00	0.01	0.842	O					4.37
208.083	0.00	0.01	0.842	O					4.37
208.167	0.00	0.01	0.842	O					4.37
208.250	0.00	0.01	0.842	O					4.37
208.333	0.00	0.01	0.841	O					4.37
208.417	0.00	0.01	0.841	O					4.37
208.500	0.00	0.01	0.841	O					4.37
208.583	0.00	0.01	0.841	O					4.37
208.667	0.00	0.01	0.841	O					4.37
208.750	0.00	0.01	0.841	O					4.37
208.833	0.00	0.01	0.841	O					4.37
208.917	0.00	0.01	0.841	O					4.37
209.000	0.00	0.01	0.841	O					4.37
209.083	0.00	0.01	0.841	O					4.37
209.167	0.00	0.01	0.841	O					4.37
209.250	0.00	0.01	0.841	O					4.37
209.333	0.00	0.01	0.841	O					4.37
209.417	0.00	0.01	0.841	O					4.37
209.500	0.00	0.01	0.840	O					4.37
209.583	0.00	0.01	0.840	O					4.36
209.667	0.00	0.01	0.840	O					4.36
209.750	0.00	0.01	0.840	O					4.36
209.833	0.00	0.01	0.840	O					4.36
209.917	0.00	0.01	0.840	O					4.36
210.000	0.00	0.01	0.840	O					4.36
210.083	0.00	0.01	0.840	O					4.36
210.167	0.00	0.01	0.840	O					4.36
210.250	0.00	0.01	0.840	O					4.36
210.333	0.00	0.01	0.840	O					4.36
210.417	0.00	0.01	0.840	O					4.36
210.500	0.00	0.01	0.840	O					4.36
210.583	0.00	0.01	0.840	O					4.36
210.667	0.00	0.01	0.840	O					4.36
210.750	0.00	0.01	0.839	O					4.36
210.833	0.00	0.01	0.839	O					4.36
210.917	0.00	0.01	0.839	O					4.36
211.000	0.00	0.01	0.839	O					4.36
211.083	0.00	0.01	0.839	O					4.36
211.167	0.00	0.01	0.839	O					4.36
211.250	0.00	0.01	0.839	O					4.36
211.333	0.00	0.01	0.839	O					4.36
211.417	0.00	0.01	0.839	O					4.36
211.500	0.00	0.01	0.839	O					4.36
211.583	0.00	0.01	0.839	O					4.36
211.667	0.00	0.01	0.839	O					4.36
211.750	0.00	0.01	0.839	O					4.36
211.833	0.00	0.01	0.839	O					4.36
211.917	0.00	0.01	0.838	O					4.35

212.000	0.00	0.01	0.838	O	|	|	|	|	4.35
212.083	0.00	0.01	0.838	O	|	|	|	|	4.35
212.167	0.00	0.01	0.838	O	|	|	|	|	4.35
212.250	0.00	0.01	0.838	O	|	|	|	|	4.35
212.333	0.00	0.01	0.838	O	|	|	|	|	4.35
212.417	0.00	0.01	0.838	O	|	|	|	|	4.35
212.500	0.00	0.01	0.838	O	|	|	|	|	4.35
212.583	0.00	0.01	0.838	O	|	|	|	|	4.35
212.667	0.00	0.01	0.838	O	|	|	|	|	4.35
212.750	0.00	0.01	0.838	O	|	|	|	|	4.35
212.833	0.00	0.01	0.838	O	|	|	|	|	4.35
212.917	0.00	0.01	0.838	O	|	|	|	|	4.35
213.000	0.00	0.01	0.838	O	|	|	|	|	4.35
213.083	0.00	0.01	0.838	O	|	|	|	|	4.35
213.167	0.00	0.01	0.837	O	|	|	|	|	4.35
213.250	0.00	0.01	0.837	O	|	|	|	|	4.35
213.333	0.00	0.01	0.837	O	|	|	|	|	4.35
213.417	0.00	0.01	0.837	O	|	|	|	|	4.35
213.500	0.00	0.01	0.837	O	|	|	|	|	4.35
213.583	0.00	0.01	0.837	O	|	|	|	|	4.35
213.667	0.00	0.01	0.837	O	|	|	|	|	4.35
213.750	0.00	0.01	0.837	O	|	|	|	|	4.35
213.833	0.00	0.01	0.837	O	|	|	|	|	4.35
213.917	0.00	0.01	0.837	O	|	|	|	|	4.35
214.000	0.00	0.01	0.837	O	|	|	|	|	4.35
214.083	0.00	0.01	0.837	O	|	|	|	|	4.35
214.167	0.00	0.01	0.837	O	|	|	|	|	4.35
214.250	0.00	0.01	0.837	O	|	|	|	|	4.34
214.333	0.00	0.01	0.836	O	|	|	|	|	4.34
214.417	0.00	0.01	0.836	O	|	|	|	|	4.34
214.500	0.00	0.01	0.836	O	|	|	|	|	4.34
214.583	0.00	0.01	0.836	O	|	|	|	|	4.34
214.667	0.00	0.01	0.836	O	|	|	|	|	4.34
214.750	0.00	0.01	0.836	O	|	|	|	|	4.34
214.833	0.00	0.01	0.836	O	|	|	|	|	4.34
214.917	0.00	0.01	0.836	O	|	|	|	|	4.34
215.000	0.00	0.01	0.836	O	|	|	|	|	4.34
215.083	0.00	0.01	0.836	O	|	|	|	|	4.34
215.167	0.00	0.01	0.836	O	|	|	|	|	4.34
215.250	0.00	0.01	0.836	O	|	|	|	|	4.34
215.333	0.00	0.01	0.836	O	|	|	|	|	4.34
215.417	0.00	0.01	0.836	O	|	|	|	|	4.34
215.500	0.00	0.01	0.836	O	|	|	|	|	4.34
215.583	0.00	0.01	0.835	O	|	|	|	|	4.34
215.667	0.00	0.01	0.835	O	|	|	|	|	4.34
215.750	0.00	0.01	0.835	O	|	|	|	|	4.34
215.833	0.00	0.01	0.835	O	|	|	|	|	4.34
215.917	0.00	0.01	0.835	O	|	|	|	|	4.34
216.000	0.00	0.01	0.835	O	|	|	|	|	4.34
216.083	0.00	0.01	0.835	O	|	|	|	|	4.34
216.167	0.00	0.01	0.835	O	|	|	|	|	4.34
216.250	0.00	0.01	0.835	O	|	|	|	|	4.34
216.333	0.00	0.01	0.835	O	|	|	|	|	4.34
216.417	0.00	0.01	0.835	O	|	|	|	|	4.34
216.500	0.00	0.01	0.835	O	|	|	|	|	4.34
216.583	0.00	0.01	0.835	O	|	|	|	|	4.33
216.667	0.00	0.01	0.835	O	|	|	|	|	4.33

216.750	0.00	0.01	0.834	O					4.33
216.833	0.00	0.01	0.834	O					4.33
216.917	0.00	0.01	0.834	O					4.33
217.000	0.00	0.01	0.834	O					4.33
217.083	0.00	0.01	0.834	O					4.33
217.167	0.00	0.01	0.834	O					4.33
217.250	0.00	0.01	0.834	O					4.33
217.333	0.00	0.01	0.834	O					4.33
217.417	0.00	0.01	0.834	O					4.33
217.500	0.00	0.01	0.834	O					4.33
217.583	0.00	0.01	0.834	O					4.33
217.667	0.00	0.01	0.834	O					4.33
217.750	0.00	0.01	0.834	O					4.33
217.833	0.00	0.01	0.834	O					4.33
217.917	0.00	0.01	0.834	O					4.33
218.000	0.00	0.01	0.833	O					4.33
218.083	0.00	0.01	0.833	O					4.33
218.167	0.00	0.01	0.833	O					4.33
218.250	0.00	0.01	0.833	O					4.33
218.333	0.00	0.01	0.833	O					4.33
218.417	0.00	0.01	0.833	O					4.33
218.500	0.00	0.01	0.833	O					4.33
218.583	0.00	0.01	0.833	O					4.33
218.667	0.00	0.01	0.833	O					4.33
218.750	0.00	0.01	0.833	O					4.33
218.833	0.00	0.01	0.833	O					4.33
218.917	0.00	0.01	0.833	O					4.32
219.000	0.00	0.01	0.833	O					4.32
219.083	0.00	0.01	0.833	O					4.32
219.167	0.00	0.01	0.832	O					4.32
219.250	0.00	0.01	0.832	O					4.32
219.333	0.00	0.01	0.832	O					4.32
219.417	0.00	0.01	0.832	O					4.32
219.500	0.00	0.01	0.832	O					4.32
219.583	0.00	0.01	0.832	O					4.32
219.667	0.00	0.01	0.832	O					4.32
219.750	0.00	0.01	0.832	O					4.32
219.833	0.00	0.01	0.832	O					4.32
219.917	0.00	0.01	0.832	O					4.32
220.000	0.00	0.01	0.832	O					4.32
220.083	0.00	0.01	0.832	O					4.32
220.167	0.00	0.01	0.832	O					4.32
220.250	0.00	0.01	0.832	O					4.32
220.333	0.00	0.01	0.832	O					4.32
220.417	0.00	0.01	0.831	O					4.32
220.500	0.00	0.01	0.831	O					4.32
220.583	0.00	0.01	0.831	O					4.32
220.667	0.00	0.01	0.831	O					4.32
220.750	0.00	0.01	0.831	O					4.32
220.833	0.00	0.01	0.831	O					4.32
220.917	0.00	0.01	0.831	O					4.32
221.000	0.00	0.01	0.831	O					4.32
221.083	0.00	0.01	0.831	O					4.32
221.167	0.00	0.01	0.831	O					4.32
221.250	0.00	0.01	0.831	O					4.31
221.333	0.00	0.01	0.831	O					4.31
221.417	0.00	0.01	0.831	O					4.31

221.500	0.00	0.01	0.831	O	|	|	|	4.31
221.583	0.00	0.01	0.830	O	|	|	|	4.31
221.667	0.00	0.01	0.830	O	|	|	|	4.31
221.750	0.00	0.01	0.830	O	|	|	|	4.31
221.833	0.00	0.01	0.830	O	|	|	|	4.31
221.917	0.00	0.01	0.830	O	|	|	|	4.31
222.000	0.00	0.01	0.830	O	|	|	|	4.31
222.083	0.00	0.01	0.830	O	|	|	|	4.31
222.167	0.00	0.01	0.830	O	|	|	|	4.31
222.250	0.00	0.01	0.830	O	|	|	|	4.31
222.333	0.00	0.01	0.830	O	|	|	|	4.31
222.417	0.00	0.01	0.830	O	|	|	|	4.31
222.500	0.00	0.01	0.830	O	|	|	|	4.31
222.583	0.00	0.01	0.830	O	|	|	|	4.31
222.667	0.00	0.01	0.830	O	|	|	|	4.31
222.750	0.00	0.01	0.830	O	|	|	|	4.31
222.833	0.00	0.01	0.829	O	|	|	|	4.31
222.917	0.00	0.01	0.829	O	|	|	|	4.31
223.000	0.00	0.01	0.829	O	|	|	|	4.31
223.083	0.00	0.01	0.829	O	|	|	|	4.31
223.167	0.00	0.01	0.829	O	|	|	|	4.31
223.250	0.00	0.01	0.829	O	|	|	|	4.31
223.333	0.00	0.01	0.829	O	|	|	|	4.31
223.417	0.00	0.01	0.829	O	|	|	|	4.31
223.500	0.00	0.01	0.829	O	|	|	|	4.31
223.583	0.00	0.01	0.829	O	|	|	|	4.30
223.667	0.00	0.01	0.829	O	|	|	|	4.30
223.750	0.00	0.01	0.829	O	|	|	|	4.30
223.833	0.00	0.01	0.829	O	|	|	|	4.30
223.917	0.00	0.01	0.829	O	|	|	|	4.30
224.000	0.00	0.01	0.828	O	|	|	|	4.30
224.083	0.00	0.01	0.828	O	|	|	|	4.30
224.167	0.00	0.01	0.828	O	|	|	|	4.30
224.250	0.00	0.01	0.828	O	|	|	|	4.30
224.333	0.00	0.01	0.828	O	|	|	|	4.30
224.417	0.00	0.01	0.828	O	|	|	|	4.30
224.500	0.00	0.01	0.828	O	|	|	|	4.30
224.583	0.00	0.01	0.828	O	|	|	|	4.30
224.667	0.00	0.01	0.828	O	|	|	|	4.30
224.750	0.00	0.01	0.828	O	|	|	|	4.30
224.833	0.00	0.01	0.828	O	|	|	|	4.30
224.917	0.00	0.01	0.828	O	|	|	|	4.30
225.000	0.00	0.01	0.828	O	|	|	|	4.30
225.083	0.00	0.01	0.828	O	|	|	|	4.30
225.167	0.00	0.01	0.828	O	|	|	|	4.30
225.250	0.00	0.01	0.827	O	|	|	|	4.30
225.333	0.00	0.01	0.827	O	|	|	|	4.30
225.417	0.00	0.01	0.827	O	|	|	|	4.30
225.500	0.00	0.01	0.827	O	|	|	|	4.30
225.583	0.00	0.01	0.827	O	|	|	|	4.30
225.667	0.00	0.01	0.827	O	|	|	|	4.30
225.750	0.00	0.01	0.827	O	|	|	|	4.30
225.833	0.00	0.01	0.827	O	|	|	|	4.30
225.917	0.00	0.01	0.827	O	|	|	|	4.29
226.000	0.00	0.01	0.827	O	|	|	|	4.29
226.083	0.00	0.01	0.827	O	|	|	|	4.29
226.167	0.00	0.01	0.827	O	|	|	|	4.29

226.250	0.00	0.01	0.827	O	|	|	|	|	4.29
226.333	0.00	0.01	0.827	O	|	|	|	|	4.29
226.417	0.00	0.01	0.826	O	|	|	|	|	4.29
226.500	0.00	0.01	0.826	O	|	|	|	|	4.29
226.583	0.00	0.01	0.826	O	|	|	|	|	4.29
226.667	0.00	0.01	0.826	O	|	|	|	|	4.29
226.750	0.00	0.01	0.826	O	|	|	|	|	4.29
226.833	0.00	0.01	0.826	O	|	|	|	|	4.29
226.917	0.00	0.01	0.826	O	|	|	|	|	4.29
227.000	0.00	0.01	0.826	O	|	|	|	|	4.29
227.083	0.00	0.01	0.826	O	|	|	|	|	4.29
227.167	0.00	0.01	0.826	O	|	|	|	|	4.29
227.250	0.00	0.01	0.826	O	|	|	|	|	4.29
227.333	0.00	0.01	0.826	O	|	|	|	|	4.29
227.417	0.00	0.01	0.826	O	|	|	|	|	4.29
227.500	0.00	0.01	0.826	O	|	|	|	|	4.29
227.583	0.00	0.01	0.826	O	|	|	|	|	4.29
227.667	0.00	0.01	0.825	O	|	|	|	|	4.29
227.750	0.00	0.01	0.825	O	|	|	|	|	4.29
227.833	0.00	0.01	0.825	O	|	|	|	|	4.29
227.917	0.00	0.01	0.825	O	|	|	|	|	4.29
228.000	0.00	0.01	0.825	O	|	|	|	|	4.29
228.083	0.00	0.01	0.825	O	|	|	|	|	4.29
228.167	0.00	0.01	0.825	O	|	|	|	|	4.29
228.250	0.00	0.01	0.825	O	|	|	|	|	4.28
228.333	0.00	0.01	0.825	O	|	|	|	|	4.28
228.417	0.00	0.01	0.825	O	|	|	|	|	4.28
228.500	0.00	0.01	0.825	O	|	|	|	|	4.28
228.583	0.00	0.01	0.825	O	|	|	|	|	4.28
228.667	0.00	0.01	0.825	O	|	|	|	|	4.28
228.750	0.00	0.01	0.825	O	|	|	|	|	4.28
228.833	0.00	0.01	0.825	O	|	|	|	|	4.28
228.917	0.00	0.01	0.824	O	|	|	|	|	4.28
229.000	0.00	0.01	0.824	O	|	|	|	|	4.28
229.083	0.00	0.01	0.824	O	|	|	|	|	4.28
229.167	0.00	0.01	0.824	O	|	|	|	|	4.28
229.250	0.00	0.01	0.824	O	|	|	|	|	4.28
229.333	0.00	0.01	0.824	O	|	|	|	|	4.28
229.417	0.00	0.01	0.824	O	|	|	|	|	4.28
229.500	0.00	0.01	0.824	O	|	|	|	|	4.28
229.583	0.00	0.01	0.824	O	|	|	|	|	4.28
229.667	0.00	0.01	0.824	O	|	|	|	|	4.28
229.750	0.00	0.01	0.824	O	|	|	|	|	4.28
229.833	0.00	0.01	0.824	O	|	|	|	|	4.28
229.917	0.00	0.01	0.824	O	|	|	|	|	4.28
230.000	0.00	0.01	0.824	O	|	|	|	|	4.28
230.083	0.00	0.01	0.823	O	|	|	|	|	4.28
230.167	0.00	0.01	0.823	O	|	|	|	|	4.28
230.250	0.00	0.01	0.823	O	|	|	|	|	4.28
230.333	0.00	0.01	0.823	O	|	|	|	|	4.28
230.417	0.00	0.01	0.823	O	|	|	|	|	4.28
230.500	0.00	0.01	0.823	O	|	|	|	|	4.28
230.583	0.00	0.01	0.823	O	|	|	|	|	4.27
230.667	0.00	0.01	0.823	O	|	|	|	|	4.27
230.750	0.00	0.01	0.823	O	|	|	|	|	4.27
230.833	0.00	0.01	0.823	O	|	|	|	|	4.27
230.917	0.00	0.01	0.823	O	|	|	|	|	4.27

231.000	0.00	0.01	0.823	O	|	|	|	4.27
231.083	0.00	0.01	0.823	O	|	|	|	4.27
231.167	0.00	0.01	0.823	O	|	|	|	4.27
231.250	0.00	0.01	0.823	O	|	|	|	4.27
231.333	0.00	0.01	0.822	O	|	|	|	4.27
231.417	0.00	0.01	0.822	O	|	|	|	4.27
231.500	0.00	0.01	0.822	O	|	|	|	4.27
231.583	0.00	0.01	0.822	O	|	|	|	4.27
231.667	0.00	0.01	0.822	O	|	|	|	4.27
231.750	0.00	0.01	0.822	O	|	|	|	4.27
231.833	0.00	0.01	0.822	O	|	|	|	4.27
231.917	0.00	0.01	0.822	O	|	|	|	4.27
232.000	0.00	0.01	0.822	O	|	|	|	4.27
232.083	0.00	0.01	0.822	O	|	|	|	4.27
232.167	0.00	0.01	0.822	O	|	|	|	4.27
232.250	0.00	0.01	0.822	O	|	|	|	4.27
232.333	0.00	0.01	0.822	O	|	|	|	4.27
232.417	0.00	0.01	0.822	O	|	|	|	4.27
232.500	0.00	0.01	0.821	O	|	|	|	4.27
232.583	0.00	0.01	0.821	O	|	|	|	4.27
232.667	0.00	0.01	0.821	O	|	|	|	4.27
232.750	0.00	0.01	0.821	O	|	|	|	4.27
232.833	0.00	0.01	0.821	O	|	|	|	4.27
232.917	0.00	0.01	0.821	O	|	|	|	4.26
233.000	0.00	0.01	0.821	O	|	|	|	4.26
233.083	0.00	0.01	0.821	O	|	|	|	4.26
233.167	0.00	0.01	0.821	O	|	|	|	4.26
233.250	0.00	0.01	0.821	O	|	|	|	4.26
233.333	0.00	0.01	0.821	O	|	|	|	4.26
233.417	0.00	0.01	0.821	O	|	|	|	4.26
233.500	0.00	0.01	0.821	O	|	|	|	4.26
233.583	0.00	0.01	0.821	O	|	|	|	4.26
233.667	0.00	0.01	0.821	O	|	|	|	4.26
233.750	0.00	0.01	0.820	O	|	|	|	4.26
233.833	0.00	0.01	0.820	O	|	|	|	4.26
233.917	0.00	0.01	0.820	O	|	|	|	4.26
234.000	0.00	0.01	0.820	O	|	|	|	4.26
234.083	0.00	0.01	0.820	O	|	|	|	4.26
234.167	0.00	0.01	0.820	O	|	|	|	4.26
234.250	0.00	0.01	0.820	O	|	|	|	4.26
234.333	0.00	0.01	0.820	O	|	|	|	4.26
234.417	0.00	0.01	0.820	O	|	|	|	4.26
234.500	0.00	0.01	0.820	O	|	|	|	4.26
234.583	0.00	0.01	0.820	O	|	|	|	4.26
234.667	0.00	0.01	0.820	O	|	|	|	4.26
234.750	0.00	0.01	0.820	O	|	|	|	4.26
234.833	0.00	0.01	0.820	O	|	|	|	4.26
234.917	0.00	0.01	0.819	O	|	|	|	4.26
235.000	0.00	0.01	0.819	O	|	|	|	4.26
235.083	0.00	0.01	0.819	O	|	|	|	4.26
235.167	0.00	0.01	0.819	O	|	|	|	4.26
235.250	0.00	0.01	0.819	O	|	|	|	4.25
235.333	0.00	0.01	0.819	O	|	|	|	4.25
235.417	0.00	0.01	0.819	O	|	|	|	4.25
235.500	0.00	0.01	0.819	O	|	|	|	4.25
235.583	0.00	0.01	0.819	O	|	|	|	4.25
235.667	0.00	0.01	0.819	O	|	|	|	4.25

235.750	0.00	0.01	0.819	O	|	|	|	|	4.25
235.833	0.00	0.01	0.819	O	|	|	|	|	4.25
235.917	0.00	0.01	0.819	O	|	|	|	|	4.25
236.000	0.00	0.01	0.819	O	|	|	|	|	4.25
236.083	0.00	0.01	0.819	O	|	|	|	|	4.25
236.167	0.00	0.01	0.818	O	|	|	|	|	4.25
236.250	0.00	0.01	0.818	O	|	|	|	|	4.25
236.333	0.00	0.01	0.818	O	|	|	|	|	4.25
236.417	0.00	0.01	0.818	O	|	|	|	|	4.25
236.500	0.00	0.01	0.818	O	|	|	|	|	4.25
236.583	0.00	0.01	0.818	O	|	|	|	|	4.25
236.667	0.00	0.01	0.818	O	|	|	|	|	4.25
236.750	0.00	0.01	0.818	O	|	|	|	|	4.25
236.833	0.00	0.01	0.818	O	|	|	|	|	4.25
236.917	0.00	0.01	0.818	O	|	|	|	|	4.25
237.000	0.00	0.01	0.818	O	|	|	|	|	4.25
237.083	0.00	0.01	0.818	O	|	|	|	|	4.25
237.167	0.00	0.01	0.818	O	|	|	|	|	4.25
237.250	0.00	0.01	0.818	O	|	|	|	|	4.25
237.333	0.00	0.01	0.817	O	|	|	|	|	4.25
237.417	0.00	0.01	0.817	O	|	|	|	|	4.25
237.500	0.00	0.01	0.817	O	|	|	|	|	4.25
237.583	0.00	0.01	0.817	O	|	|	|	|	4.24
237.667	0.00	0.01	0.817	O	|	|	|	|	4.24
237.750	0.00	0.01	0.817	O	|	|	|	|	4.24
237.833	0.00	0.01	0.817	O	|	|	|	|	4.24
237.917	0.00	0.01	0.817	O	|	|	|	|	4.24
238.000	0.00	0.01	0.817	O	|	|	|	|	4.24
238.083	0.00	0.01	0.817	O	|	|	|	|	4.24
238.167	0.00	0.01	0.817	O	|	|	|	|	4.24
238.250	0.00	0.01	0.817	O	|	|	|	|	4.24
238.333	0.00	0.01	0.817	O	|	|	|	|	4.24
238.417	0.00	0.01	0.817	O	|	|	|	|	4.24
238.500	0.00	0.01	0.817	O	|	|	|	|	4.24
238.583	0.00	0.01	0.816	O	|	|	|	|	4.24
238.667	0.00	0.01	0.816	O	|	|	|	|	4.24
238.750	0.00	0.01	0.816	O	|	|	|	|	4.24
238.833	0.00	0.01	0.816	O	|	|	|	|	4.24
238.917	0.00	0.01	0.816	O	|	|	|	|	4.24
239.000	0.00	0.01	0.816	O	|	|	|	|	4.24
239.083	0.00	0.01	0.816	O	|	|	|	|	4.24
239.167	0.00	0.01	0.816	O	|	|	|	|	4.24
239.250	0.00	0.01	0.816	O	|	|	|	|	4.24
239.333	0.00	0.01	0.816	O	|	|	|	|	4.24
239.417	0.00	0.01	0.816	O	|	|	|	|	4.24
239.500	0.00	0.01	0.816	O	|	|	|	|	4.24
239.583	0.00	0.01	0.816	O	|	|	|	|	4.24
239.667	0.00	0.01	0.816	O	|	|	|	|	4.24
239.750	0.00	0.01	0.815	O	|	|	|	|	4.24
239.833	0.00	0.01	0.815	O	|	|	|	|	4.24
239.917	0.00	0.01	0.815	O	|	|	|	|	4.23
240.000	0.00	0.01	0.815	O	|	|	|	|	4.23
240.083	0.00	0.01	0.815	O	|	|	|	|	4.23
240.167	0.00	0.01	0.815	O	|	|	|	|	4.23
240.250	0.00	0.01	0.815	O	|	|	|	|	4.23
240.333	0.00	0.01	0.815	O	|	|	|	|	4.23
240.417	0.00	0.01	0.815	O	|	|	|	|	4.23

240.500	0.00	0.01	0.815	O					4.23
240.583	0.00	0.01	0.815	O					4.23
240.667	0.00	0.01	0.815	O					4.23
240.750	0.00	0.01	0.815	O					4.23
240.833	0.00	0.01	0.815	O					4.23
240.917	0.00	0.01	0.815	O					4.23
241.000	0.00	0.01	0.814	O					4.23
241.083	0.00	0.01	0.814	O					4.23
241.167	0.00	0.01	0.814	O					4.23
241.250	0.00	0.01	0.814	O					4.23
241.333	0.00	0.01	0.814	O					4.23
241.417	0.00	0.01	0.814	O					4.23
241.500	0.00	0.01	0.814	O					4.23
241.583	0.00	0.01	0.814	O					4.23
241.667	0.00	0.01	0.814	O					4.23
241.750	0.00	0.01	0.814	O					4.23
241.833	0.00	0.01	0.814	O					4.23
241.917	0.00	0.01	0.814	O					4.23
242.000	0.00	0.01	0.814	O					4.23
242.083	0.00	0.01	0.814	O					4.23
242.167	0.00	0.01	0.813	O					4.23
242.250	0.00	0.01	0.813	O					4.22
242.333	0.00	0.01	0.813	O					4.22
242.417	0.00	0.01	0.813	O					4.22
242.500	0.00	0.01	0.813	O					4.22
242.583	0.00	0.01	0.813	O					4.22
242.667	0.00	0.01	0.813	O					4.22
242.750	0.00	0.01	0.813	O					4.22
242.833	0.00	0.01	0.813	O					4.22
242.917	0.00	0.01	0.813	O					4.22
243.000	0.00	0.01	0.813	O					4.22
243.083	0.00	0.01	0.813	O					4.22
243.167	0.00	0.01	0.813	O					4.22
243.250	0.00	0.01	0.813	O					4.22
243.333	0.00	0.01	0.813	O					4.22
243.417	0.00	0.01	0.812	O					4.22
243.500	0.00	0.01	0.812	O					4.22
243.583	0.00	0.01	0.812	O					4.22
243.667	0.00	0.01	0.812	O					4.22
243.750	0.00	0.01	0.812	O					4.22
243.833	0.00	0.01	0.812	O					4.22
243.917	0.00	0.01	0.812	O					4.22
244.000	0.00	0.01	0.812	O					4.22
244.083	0.00	0.01	0.812	O					4.22
244.167	0.00	0.01	0.812	O					4.22
244.250	0.00	0.01	0.812	O					4.22
244.333	0.00	0.01	0.812	O					4.22
244.417	0.00	0.01	0.812	O					4.22
244.500	0.00	0.01	0.812	O					4.22
244.583	0.00	0.01	0.811	O					4.21
244.667	0.00	0.01	0.811	O					4.21
244.750	0.00	0.01	0.811	O					4.21
244.833	0.00	0.01	0.811	O					4.21
244.917	0.00	0.01	0.811	O					4.21
245.000	0.00	0.01	0.811	O					4.21
245.083	0.00	0.01	0.811	O					4.21
245.167	0.00	0.01	0.811	O					4.21

245.250	0.00	0.01	0.811	O					4.21
245.333	0.00	0.01	0.811	O					4.21
245.417	0.00	0.01	0.811	O					4.21
245.500	0.00	0.01	0.811	O					4.21
245.583	0.00	0.01	0.811	O					4.21
245.667	0.00	0.01	0.811	O					4.21
245.750	0.00	0.01	0.811	O					4.21
245.833	0.00	0.01	0.810	O					4.21
245.917	0.00	0.01	0.810	O					4.21
246.000	0.00	0.01	0.810	O					4.21
246.083	0.00	0.01	0.810	O					4.21
246.167	0.00	0.01	0.810	O					4.21
246.250	0.00	0.01	0.810	O					4.21
246.333	0.00	0.01	0.810	O					4.21
246.417	0.00	0.01	0.810	O					4.21
246.500	0.00	0.01	0.810	O					4.21
246.583	0.00	0.01	0.810	O					4.21
246.667	0.00	0.01	0.810	O					4.21
246.750	0.00	0.01	0.810	O					4.21
246.833	0.00	0.01	0.810	O					4.21
246.917	0.00	0.01	0.810	O					4.20
247.000	0.00	0.01	0.809	O					4.20
247.083	0.00	0.01	0.809	O					4.20
247.167	0.00	0.01	0.809	O					4.20
247.250	0.00	0.01	0.809	O					4.20
247.333	0.00	0.01	0.809	O					4.20
247.417	0.00	0.01	0.809	O					4.20
247.500	0.00	0.01	0.809	O					4.20
247.583	0.00	0.01	0.809	O					4.20
247.667	0.00	0.01	0.809	O					4.20
247.750	0.00	0.01	0.809	O					4.20
247.833	0.00	0.01	0.809	O					4.20
247.917	0.00	0.01	0.809	O					4.20
248.000	0.00	0.01	0.809	O					4.20
248.083	0.00	0.01	0.809	O					4.20
248.167	0.00	0.01	0.809	O					4.20
248.250	0.00	0.01	0.808	O					4.20
248.333	0.00	0.01	0.808	O					4.20
248.417	0.00	0.01	0.808	O					4.20
248.500	0.00	0.01	0.808	O					4.20
248.583	0.00	0.01	0.808	O					4.20
248.667	0.00	0.01	0.808	O					4.20
248.750	0.00	0.01	0.808	O					4.20
248.833	0.00	0.01	0.808	O					4.20
248.917	0.00	0.01	0.808	O					4.20
249.000	0.00	0.01	0.808	O					4.20
249.083	0.00	0.01	0.808	O					4.20
249.167	0.00	0.01	0.808	O					4.20
249.250	0.00	0.01	0.808	O					4.19
249.333	0.00	0.01	0.808	O					4.19
249.417	0.00	0.01	0.807	O					4.19
249.500	0.00	0.01	0.807	O					4.19
249.583	0.00	0.01	0.807	O					4.19
249.667	0.00	0.01	0.807	O					4.19
249.750	0.00	0.01	0.807	O					4.19
249.833	0.00	0.01	0.807	O					4.19
249.917	0.00	0.01	0.807	O					4.19

250.000	0.00	0.01	0.807	O	|	|	|	4.19
250.083	0.00	0.01	0.807	O	|	|	|	4.19
250.167	0.00	0.01	0.807	O	|	|	|	4.19
250.250	0.00	0.01	0.807	O	|	|	|	4.19
250.333	0.00	0.01	0.807	O	|	|	|	4.19
250.417	0.00	0.01	0.807	O	|	|	|	4.19
250.500	0.00	0.01	0.807	O	|	|	|	4.19
250.583	0.00	0.01	0.807	O	|	|	|	4.19
250.667	0.00	0.01	0.806	O	|	|	|	4.19
250.750	0.00	0.01	0.806	O	|	|	|	4.19
250.833	0.00	0.01	0.806	O	|	|	|	4.19
250.917	0.00	0.01	0.806	O	|	|	|	4.19
251.000	0.00	0.01	0.806	O	|	|	|	4.19
251.083	0.00	0.01	0.806	O	|	|	|	4.19
251.167	0.00	0.01	0.806	O	|	|	|	4.19
251.250	0.00	0.01	0.806	O	|	|	|	4.19
251.333	0.00	0.01	0.806	O	|	|	|	4.19
251.417	0.00	0.01	0.806	O	|	|	|	4.19
251.500	0.00	0.01	0.806	O	|	|	|	4.19
251.583	0.00	0.01	0.806	O	|	|	|	4.18
251.667	0.00	0.01	0.806	O	|	|	|	4.18
251.750	0.00	0.01	0.806	O	|	|	|	4.18
251.833	0.00	0.01	0.805	O	|	|	|	4.18
251.917	0.00	0.01	0.805	O	|	|	|	4.18
252.000	0.00	0.01	0.805	O	|	|	|	4.18
252.083	0.00	0.01	0.805	O	|	|	|	4.18
252.167	0.00	0.01	0.805	O	|	|	|	4.18
252.250	0.00	0.01	0.805	O	|	|	|	4.18
252.333	0.00	0.01	0.805	O	|	|	|	4.18
252.417	0.00	0.01	0.805	O	|	|	|	4.18
252.500	0.00	0.01	0.805	O	|	|	|	4.18
252.583	0.00	0.01	0.805	O	|	|	|	4.18
252.667	0.00	0.01	0.805	O	|	|	|	4.18
252.750	0.00	0.01	0.805	O	|	|	|	4.18
252.833	0.00	0.01	0.805	O	|	|	|	4.18
252.917	0.00	0.01	0.805	O	|	|	|	4.18
253.000	0.00	0.01	0.805	O	|	|	|	4.18
253.083	0.00	0.01	0.804	O	|	|	|	4.18
253.167	0.00	0.01	0.804	O	|	|	|	4.18
253.250	0.00	0.01	0.804	O	|	|	|	4.18
253.333	0.00	0.01	0.804	O	|	|	|	4.18
253.417	0.00	0.01	0.804	O	|	|	|	4.18
253.500	0.00	0.01	0.804	O	|	|	|	4.18
253.583	0.00	0.01	0.804	O	|	|	|	4.18
253.667	0.00	0.01	0.804	O	|	|	|	4.18
253.750	0.00	0.01	0.804	O	|	|	|	4.18
253.833	0.00	0.01	0.804	O	|	|	|	4.18
253.917	0.00	0.01	0.804	O	|	|	|	4.17
254.000	0.00	0.01	0.804	O	|	|	|	4.17
254.083	0.00	0.01	0.804	O	|	|	|	4.17
254.167	0.00	0.01	0.804	O	|	|	|	4.17
254.250	0.00	0.01	0.803	O	|	|	|	4.17
254.333	0.00	0.01	0.803	O	|	|	|	4.17
254.417	0.00	0.01	0.803	O	|	|	|	4.17
254.500	0.00	0.01	0.803	O	|	|	|	4.17
254.583	0.00	0.01	0.803	O	|	|	|	4.17
254.667	0.00	0.01	0.803	O	|	|	|	4.17

254.750	0.00	0.01	0.803	O	|	|	|	|	4.17
254.833	0.00	0.01	0.803	O	|	|	|	|	4.17
254.917	0.00	0.01	0.803	O	|	|	|	|	4.17
255.000	0.00	0.01	0.803	O	|	|	|	|	4.17
255.083	0.00	0.01	0.803	O	|	|	|	|	4.17
255.167	0.00	0.01	0.803	O	|	|	|	|	4.17
255.250	0.00	0.01	0.803	O	|	|	|	|	4.17
255.333	0.00	0.01	0.803	O	|	|	|	|	4.17
255.417	0.00	0.01	0.803	O	|	|	|	|	4.17
255.500	0.00	0.01	0.802	O	|	|	|	|	4.17
255.583	0.00	0.01	0.802	O	|	|	|	|	4.17
255.667	0.00	0.01	0.802	O	|	|	|	|	4.17
255.750	0.00	0.01	0.802	O	|	|	|	|	4.17
255.833	0.00	0.01	0.802	O	|	|	|	|	4.17
255.917	0.00	0.01	0.802	O	|	|	|	|	4.17
256.000	0.00	0.01	0.802	O	|	|	|	|	4.17
256.083	0.00	0.01	0.802	O	|	|	|	|	4.17
256.167	0.00	0.01	0.802	O	|	|	|	|	4.17
256.250	0.00	0.01	0.802	O	|	|	|	|	4.16
256.333	0.00	0.01	0.802	O	|	|	|	|	4.16
256.417	0.00	0.01	0.802	O	|	|	|	|	4.16
256.500	0.00	0.01	0.802	O	|	|	|	|	4.16
256.583	0.00	0.01	0.802	O	|	|	|	|	4.16
256.667	0.00	0.01	0.801	O	|	|	|	|	4.16
256.750	0.00	0.01	0.801	O	|	|	|	|	4.16
256.833	0.00	0.01	0.801	O	|	|	|	|	4.16
256.917	0.00	0.01	0.801	O	|	|	|	|	4.16
257.000	0.00	0.01	0.801	O	|	|	|	|	4.16
257.083	0.00	0.01	0.801	O	|	|	|	|	4.16
257.167	0.00	0.01	0.801	O	|	|	|	|	4.16
257.250	0.00	0.01	0.801	O	|	|	|	|	4.16
257.333	0.00	0.01	0.801	O	|	|	|	|	4.16
257.417	0.00	0.01	0.801	O	|	|	|	|	4.16
257.500	0.00	0.01	0.801	O	|	|	|	|	4.16
257.583	0.00	0.01	0.801	O	|	|	|	|	4.16
257.667	0.00	0.01	0.801	O	|	|	|	|	4.16
257.750	0.00	0.01	0.801	O	|	|	|	|	4.16
257.833	0.00	0.01	0.801	O	|	|	|	|	4.16
257.917	0.00	0.01	0.800	O	|	|	|	|	4.16
258.000	0.00	0.01	0.800	O	|	|	|	|	4.16
258.083	0.00	0.01	0.800	O	|	|	|	|	4.16
258.167	0.00	0.01	0.800	O	|	|	|	|	4.16
258.250	0.00	0.01	0.800	O	|	|	|	|	4.16
258.333	0.00	0.01	0.800	O	|	|	|	|	4.16
258.417	0.00	0.01	0.800	O	|	|	|	|	4.16
258.500	0.00	0.01	0.800	O	|	|	|	|	4.16
258.583	0.00	0.01	0.800	O	|	|	|	|	4.15
258.667	0.00	0.01	0.800	O	|	|	|	|	4.15
258.750	0.00	0.01	0.800	O	|	|	|	|	4.15
258.833	0.00	0.01	0.800	O	|	|	|	|	4.15
258.917	0.00	0.01	0.800	O	|	|	|	|	4.15
259.000	0.00	0.01	0.800	O	|	|	|	|	4.15
259.083	0.00	0.01	0.800	O	|	|	|	|	4.15
259.167	0.00	0.01	0.799	O	|	|	|	|	4.15
259.250	0.00	0.01	0.799	O	|	|	|	|	4.15
259.333	0.00	0.01	0.799	O	|	|	|	|	4.15
259.417	0.00	0.01	0.799	O	|	|	|	|	4.15

259.500	0.00	0.01	0.799	O	|	|	|	4.15
259.583	0.00	0.01	0.799	O	|	|	|	4.15
259.667	0.00	0.01	0.799	O	|	|	|	4.15
259.750	0.00	0.01	0.799	O	|	|	|	4.15
259.833	0.00	0.01	0.799	O	|	|	|	4.15
259.917	0.00	0.01	0.799	O	|	|	|	4.15
260.000	0.00	0.01	0.799	O	|	|	|	4.15
260.083	0.00	0.01	0.799	O	|	|	|	4.15
260.167	0.00	0.01	0.799	O	|	|	|	4.15
260.250	0.00	0.01	0.799	O	|	|	|	4.15
260.333	0.00	0.01	0.798	O	|	|	|	4.15
260.417	0.00	0.01	0.798	O	|	|	|	4.15
260.500	0.00	0.01	0.798	O	|	|	|	4.15
260.583	0.00	0.01	0.798	O	|	|	|	4.15
260.667	0.00	0.01	0.798	O	|	|	|	4.15
260.750	0.00	0.01	0.798	O	|	|	|	4.15
260.833	0.00	0.01	0.798	O	|	|	|	4.15
260.917	0.00	0.01	0.798	O	|	|	|	4.15
261.000	0.00	0.01	0.798	O	|	|	|	4.14
261.083	0.00	0.01	0.798	O	|	|	|	4.14
261.167	0.00	0.01	0.798	O	|	|	|	4.14
261.250	0.00	0.01	0.798	O	|	|	|	4.14
261.333	0.00	0.01	0.798	O	|	|	|	4.14
261.417	0.00	0.01	0.798	O	|	|	|	4.14
261.500	0.00	0.01	0.798	O	|	|	|	4.14
261.583	0.00	0.01	0.797	O	|	|	|	4.14
261.667	0.00	0.01	0.797	O	|	|	|	4.14
261.750	0.00	0.01	0.797	O	|	|	|	4.14
261.833	0.00	0.01	0.797	O	|	|	|	4.14
261.917	0.00	0.01	0.797	O	|	|	|	4.14
262.000	0.00	0.01	0.797	O	|	|	|	4.14
262.083	0.00	0.01	0.797	O	|	|	|	4.14
262.167	0.00	0.01	0.797	O	|	|	|	4.14
262.250	0.00	0.01	0.797	O	|	|	|	4.14
262.333	0.00	0.01	0.797	O	|	|	|	4.14
262.417	0.00	0.01	0.797	O	|	|	|	4.14
262.500	0.00	0.01	0.797	O	|	|	|	4.14
262.583	0.00	0.01	0.797	O	|	|	|	4.14
262.667	0.00	0.01	0.797	O	|	|	|	4.14
262.750	0.00	0.01	0.796	O	|	|	|	4.14
262.833	0.00	0.01	0.796	O	|	|	|	4.14
262.917	0.00	0.01	0.796	O	|	|	|	4.14
263.000	0.00	0.01	0.796	O	|	|	|	4.14
263.083	0.00	0.01	0.796	O	|	|	|	4.14
263.167	0.00	0.01	0.796	O	|	|	|	4.14
263.250	0.00	0.01	0.796	O	|	|	|	4.14
263.333	0.00	0.01	0.796	O	|	|	|	4.13
263.417	0.00	0.01	0.796	O	|	|	|	4.13
263.500	0.00	0.01	0.796	O	|	|	|	4.13
263.583	0.00	0.01	0.796	O	|	|	|	4.13
263.667	0.00	0.01	0.796	O	|	|	|	4.13
263.750	0.00	0.01	0.796	O	|	|	|	4.13
263.833	0.00	0.01	0.796	O	|	|	|	4.13
263.917	0.00	0.01	0.796	O	|	|	|	4.13
264.000	0.00	0.01	0.795	O	|	|	|	4.13
264.083	0.00	0.01	0.795	O	|	|	|	4.13
264.167	0.00	0.01	0.795	O	|	|	|	4.13

264.250	0.00	0.01	0.795	O	|	|	|	4.13
264.333	0.00	0.01	0.795	O	|	|	|	4.13
264.417	0.00	0.01	0.795	O	|	|	|	4.13
264.500	0.00	0.01	0.795	O	|	|	|	4.13
264.583	0.00	0.01	0.795	O	|	|	|	4.13
264.667	0.00	0.01	0.795	O	|	|	|	4.13
264.750	0.00	0.01	0.795	O	|	|	|	4.13
264.833	0.00	0.01	0.795	O	|	|	|	4.13
264.917	0.00	0.01	0.795	O	|	|	|	4.13
265.000	0.00	0.01	0.795	O	|	|	|	4.13
265.083	0.00	0.01	0.795	O	|	|	|	4.13
265.167	0.00	0.01	0.794	O	|	|	|	4.13
265.250	0.00	0.01	0.794	O	|	|	|	4.13
265.333	0.00	0.01	0.794	O	|	|	|	4.13
265.417	0.00	0.01	0.794	O	|	|	|	4.13
265.500	0.00	0.01	0.794	O	|	|	|	4.13
265.583	0.00	0.01	0.794	O	|	|	|	4.13
265.667	0.00	0.01	0.794	O	|	|	|	4.12
265.750	0.00	0.01	0.794	O	|	|	|	4.12
265.833	0.00	0.01	0.794	O	|	|	|	4.12
265.917	0.00	0.01	0.794	O	|	|	|	4.12
266.000	0.00	0.01	0.794	O	|	|	|	4.12
266.083	0.00	0.01	0.794	O	|	|	|	4.12
266.167	0.00	0.01	0.794	O	|	|	|	4.12
266.250	0.00	0.01	0.794	O	|	|	|	4.12
266.333	0.00	0.01	0.794	O	|	|	|	4.12
266.417	0.00	0.01	0.793	O	|	|	|	4.12
266.500	0.00	0.01	0.793	O	|	|	|	4.12
266.583	0.00	0.01	0.793	O	|	|	|	4.12
266.667	0.00	0.01	0.793	O	|	|	|	4.12
266.750	0.00	0.01	0.793	O	|	|	|	4.12
266.833	0.00	0.01	0.793	O	|	|	|	4.12
266.917	0.00	0.01	0.793	O	|	|	|	4.12
267.000	0.00	0.01	0.793	O	|	|	|	4.12
267.083	0.00	0.01	0.793	O	|	|	|	4.12
267.167	0.00	0.01	0.793	O	|	|	|	4.12
267.250	0.00	0.01	0.793	O	|	|	|	4.12
267.333	0.00	0.01	0.793	O	|	|	|	4.12
267.417	0.00	0.01	0.793	O	|	|	|	4.12
267.500	0.00	0.01	0.793	O	|	|	|	4.12
267.583	0.00	0.01	0.792	O	|	|	|	4.12
267.667	0.00	0.01	0.792	O	|	|	|	4.12
267.750	0.00	0.01	0.792	O	|	|	|	4.12
267.833	0.00	0.01	0.792	O	|	|	|	4.12
267.917	0.00	0.01	0.792	O	|	|	|	4.12
268.000	0.00	0.01	0.792	O	|	|	|	4.11
268.083	0.00	0.01	0.792	O	|	|	|	4.11
268.167	0.00	0.01	0.792	O	|	|	|	4.11
268.250	0.00	0.01	0.792	O	|	|	|	4.11
268.333	0.00	0.01	0.792	O	|	|	|	4.11
268.417	0.00	0.01	0.792	O	|	|	|	4.11
268.500	0.00	0.01	0.792	O	|	|	|	4.11
268.583	0.00	0.01	0.792	O	|	|	|	4.11
268.667	0.00	0.01	0.792	O	|	|	|	4.11
268.750	0.00	0.01	0.792	O	|	|	|	4.11
268.833	0.00	0.01	0.791	O	|	|	|	4.11
268.917	0.00	0.01	0.791	O	|	|	|	4.11

269.000	0.00	0.01	0.791	O	|	|	|	4.11
269.083	0.00	0.01	0.791	O	|	|	|	4.11
269.167	0.00	0.01	0.791	O	|	|	|	4.11
269.250	0.00	0.01	0.791	O	|	|	|	4.11
269.333	0.00	0.01	0.791	O	|	|	|	4.11
269.417	0.00	0.01	0.791	O	|	|	|	4.11
269.500	0.00	0.01	0.791	O	|	|	|	4.11
269.583	0.00	0.01	0.791	O	|	|	|	4.11
269.667	0.00	0.01	0.791	O	|	|	|	4.11
269.750	0.00	0.01	0.791	O	|	|	|	4.11
269.833	0.00	0.01	0.791	O	|	|	|	4.11
269.917	0.00	0.01	0.791	O	|	|	|	4.11
270.000	0.00	0.01	0.790	O	|	|	|	4.11
270.083	0.00	0.01	0.790	O	|	|	|	4.11
270.167	0.00	0.01	0.790	O	|	|	|	4.11
270.250	0.00	0.01	0.790	O	|	|	|	4.11
270.333	0.00	0.01	0.790	O	|	|	|	4.10
270.417	0.00	0.01	0.790	O	|	|	|	4.10
270.500	0.00	0.01	0.790	O	|	|	|	4.10
270.583	0.00	0.01	0.790	O	|	|	|	4.10
270.667	0.00	0.01	0.790	O	|	|	|	4.10
270.750	0.00	0.01	0.790	O	|	|	|	4.10
270.833	0.00	0.01	0.790	O	|	|	|	4.10
270.917	0.00	0.01	0.790	O	|	|	|	4.10
271.000	0.00	0.01	0.790	O	|	|	|	4.10
271.083	0.00	0.01	0.790	O	|	|	|	4.10
271.167	0.00	0.01	0.790	O	|	|	|	4.10
271.250	0.00	0.01	0.789	O	|	|	|	4.10
271.333	0.00	0.01	0.789	O	|	|	|	4.10
271.417	0.00	0.01	0.789	O	|	|	|	4.10
271.500	0.00	0.01	0.789	O	|	|	|	4.10
271.583	0.00	0.01	0.789	O	|	|	|	4.10
271.667	0.00	0.01	0.789	O	|	|	|	4.10
271.750	0.00	0.01	0.789	O	|	|	|	4.10
271.833	0.00	0.01	0.789	O	|	|	|	4.10
271.917	0.00	0.01	0.789	O	|	|	|	4.10
272.000	0.00	0.01	0.789	O	|	|	|	4.10
272.083	0.00	0.01	0.789	O	|	|	|	4.10
272.167	0.00	0.01	0.789	O	|	|	|	4.10
272.250	0.00	0.01	0.789	O	|	|	|	4.10
272.333	0.00	0.01	0.789	O	|	|	|	4.10
272.417	0.00	0.01	0.788	O	|	|	|	4.10
272.500	0.00	0.01	0.788	O	|	|	|	4.10
272.583	0.00	0.01	0.788	O	|	|	|	4.10
272.667	0.00	0.01	0.788	O	|	|	|	4.09
272.750	0.00	0.01	0.788	O	|	|	|	4.09
272.833	0.00	0.01	0.788	O	|	|	|	4.09
272.917	0.00	0.01	0.788	O	|	|	|	4.09
273.000	0.00	0.01	0.788	O	|	|	|	4.09
273.083	0.00	0.01	0.788	O	|	|	|	4.09
273.167	0.00	0.01	0.788	O	|	|	|	4.09
273.250	0.00	0.01	0.788	O	|	|	|	4.09
273.333	0.00	0.01	0.788	O	|	|	|	4.09
273.417	0.00	0.01	0.788	O	|	|	|	4.09
273.500	0.00	0.01	0.788	O	|	|	|	4.09
273.583	0.00	0.01	0.788	O	|	|	|	4.09
273.667	0.00	0.01	0.787	O	|	|	|	4.09

273.750	0.00	0.01	0.787	O	|	|	|	4.09
273.833	0.00	0.01	0.787	O	|	|	|	4.09
273.917	0.00	0.01	0.787	O	|	|	|	4.09
274.000	0.00	0.01	0.787	O	|	|	|	4.09
274.083	0.00	0.01	0.787	O	|	|	|	4.09
274.167	0.00	0.01	0.787	O	|	|	|	4.09
274.250	0.00	0.01	0.787	O	|	|	|	4.09
274.333	0.00	0.01	0.787	O	|	|	|	4.09
274.417	0.00	0.01	0.787	O	|	|	|	4.09
274.500	0.00	0.01	0.787	O	|	|	|	4.09
274.583	0.00	0.01	0.787	O	|	|	|	4.09
274.667	0.00	0.01	0.787	O	|	|	|	4.09
274.750	0.00	0.01	0.787	O	|	|	|	4.09
274.833	0.00	0.01	0.786	O	|	|	|	4.09
274.917	0.00	0.01	0.786	O	|	|	|	4.09
275.000	0.00	0.01	0.786	O	|	|	|	4.08
275.083	0.00	0.01	0.786	O	|	|	|	4.08
275.167	0.00	0.01	0.786	O	|	|	|	4.08
275.250	0.00	0.01	0.786	O	|	|	|	4.08
275.333	0.00	0.01	0.786	O	|	|	|	4.08
275.417	0.00	0.01	0.786	O	|	|	|	4.08
275.500	0.00	0.01	0.786	O	|	|	|	4.08
275.583	0.00	0.01	0.786	O	|	|	|	4.08
275.667	0.00	0.01	0.786	O	|	|	|	4.08
275.750	0.00	0.01	0.786	O	|	|	|	4.08
275.833	0.00	0.01	0.786	O	|	|	|	4.08
275.917	0.00	0.01	0.786	O	|	|	|	4.08
276.000	0.00	0.01	0.786	O	|	|	|	4.08
276.083	0.00	0.01	0.785	O	|	|	|	4.08
276.167	0.00	0.01	0.785	O	|	|	|	4.08
276.250	0.00	0.01	0.785	O	|	|	|	4.08
276.333	0.00	0.01	0.785	O	|	|	|	4.08
276.417	0.00	0.01	0.785	O	|	|	|	4.08
276.500	0.00	0.01	0.785	O	|	|	|	4.08
276.583	0.00	0.01	0.785	O	|	|	|	4.08
276.667	0.00	0.01	0.785	O	|	|	|	4.08
276.750	0.00	0.01	0.785	O	|	|	|	4.08
276.833	0.00	0.01	0.785	O	|	|	|	4.08
276.917	0.00	0.01	0.785	O	|	|	|	4.08
277.000	0.00	0.01	0.785	O	|	|	|	4.08
277.083	0.00	0.01	0.785	O	|	|	|	4.08
277.167	0.00	0.01	0.785	O	|	|	|	4.08
277.250	0.00	0.01	0.784	O	|	|	|	4.08
277.333	0.00	0.01	0.784	O	|	|	|	4.07
277.417	0.00	0.01	0.784	O	|	|	|	4.07
277.500	0.00	0.01	0.784	O	|	|	|	4.07
277.583	0.00	0.01	0.784	O	|	|	|	4.07
277.667	0.00	0.01	0.784	O	|	|	|	4.07
277.750	0.00	0.01	0.784	O	|	|	|	4.07
277.833	0.00	0.01	0.784	O	|	|	|	4.07
277.917	0.00	0.01	0.784	O	|	|	|	4.07
278.000	0.00	0.01	0.784	O	|	|	|	4.07
278.083	0.00	0.01	0.784	O	|	|	|	4.07
278.167	0.00	0.01	0.784	O	|	|	|	4.07
278.250	0.00	0.01	0.784	O	|	|	|	4.07
278.333	0.00	0.01	0.784	O	|	|	|	4.07
278.417	0.00	0.01	0.784	O	|	|	|	4.07

278.500	0.00	0.01	0.783	O	|	|	|	4.07
278.583	0.00	0.01	0.783	O	|	|	|	4.07
278.667	0.00	0.01	0.783	O	|	|	|	4.07
278.750	0.00	0.01	0.783	O	|	|	|	4.07
278.833	0.00	0.01	0.783	O	|	|	|	4.07
278.917	0.00	0.01	0.783	O	|	|	|	4.07
279.000	0.00	0.01	0.783	O	|	|	|	4.07
279.083	0.00	0.01	0.783	O	|	|	|	4.07
279.167	0.00	0.01	0.783	O	|	|	|	4.07
279.250	0.00	0.01	0.783	O	|	|	|	4.07
279.333	0.00	0.01	0.783	O	|	|	|	4.07
279.417	0.00	0.01	0.783	O	|	|	|	4.07
279.500	0.00	0.01	0.783	O	|	|	|	4.07
279.583	0.00	0.01	0.783	O	|	|	|	4.07
279.667	0.00	0.01	0.782	O	|	|	|	4.06
279.750	0.00	0.01	0.782	O	|	|	|	4.06
279.833	0.00	0.01	0.782	O	|	|	|	4.06
279.917	0.00	0.01	0.782	O	|	|	|	4.06
280.000	0.00	0.01	0.782	O	|	|	|	4.06
280.083	0.00	0.01	0.782	O	|	|	|	4.06
280.167	0.00	0.01	0.782	O	|	|	|	4.06
280.250	0.00	0.01	0.782	O	|	|	|	4.06
280.333	0.00	0.01	0.782	O	|	|	|	4.06
280.417	0.00	0.01	0.782	O	|	|	|	4.06
280.500	0.00	0.01	0.782	O	|	|	|	4.06
280.583	0.00	0.01	0.782	O	|	|	|	4.06
280.667	0.00	0.01	0.782	O	|	|	|	4.06
280.750	0.00	0.01	0.782	O	|	|	|	4.06
280.833	0.00	0.01	0.782	O	|	|	|	4.06
280.917	0.00	0.01	0.781	O	|	|	|	4.06
281.000	0.00	0.01	0.781	O	|	|	|	4.06
281.083	0.00	0.01	0.781	O	|	|	|	4.06
281.167	0.00	0.01	0.781	O	|	|	|	4.06
281.250	0.00	0.01	0.781	O	|	|	|	4.06
281.333	0.00	0.01	0.781	O	|	|	|	4.06
281.417	0.00	0.01	0.781	O	|	|	|	4.06
281.500	0.00	0.01	0.781	O	|	|	|	4.06
281.583	0.00	0.01	0.781	O	|	|	|	4.06
281.667	0.00	0.01	0.781	O	|	|	|	4.06
281.750	0.00	0.01	0.781	O	|	|	|	4.06
281.833	0.00	0.01	0.781	O	|	|	|	4.06
281.917	0.00	0.01	0.781	O	|	|	|	4.06
282.000	0.00	0.01	0.781	O	|	|	|	4.05
282.083	0.00	0.01	0.780	O	|	|	|	4.05
282.167	0.00	0.01	0.780	O	|	|	|	4.05
282.250	0.00	0.01	0.780	O	|	|	|	4.05
282.333	0.00	0.01	0.780	O	|	|	|	4.05
282.417	0.00	0.01	0.780	O	|	|	|	4.05
282.500	0.00	0.01	0.780	O	|	|	|	4.05
282.583	0.00	0.01	0.780	O	|	|	|	4.05
282.667	0.00	0.01	0.780	O	|	|	|	4.05
282.750	0.00	0.01	0.780	O	|	|	|	4.05
282.833	0.00	0.01	0.780	O	|	|	|	4.05
282.917	0.00	0.01	0.780	O	|	|	|	4.05
283.000	0.00	0.01	0.780	O	|	|	|	4.05
283.083	0.00	0.01	0.780	O	|	|	|	4.05
283.167	0.00	0.01	0.780	O	|	|	|	4.05

283.250	0.00	0.01	0.780	O	|	|	|	4.05
283.333	0.00	0.01	0.779	O	|	|	|	4.05
283.417	0.00	0.01	0.779	O	|	|	|	4.05
283.500	0.00	0.01	0.779	O	|	|	|	4.05
283.583	0.00	0.01	0.779	O	|	|	|	4.05
283.667	0.00	0.01	0.779	O	|	|	|	4.05
283.750	0.00	0.01	0.779	O	|	|	|	4.05
283.833	0.00	0.01	0.779	O	|	|	|	4.05
283.917	0.00	0.01	0.779	O	|	|	|	4.05
284.000	0.00	0.01	0.779	O	|	|	|	4.05
284.083	0.00	0.01	0.779	O	|	|	|	4.05
284.167	0.00	0.01	0.779	O	|	|	|	4.05
284.250	0.00	0.01	0.779	O	|	|	|	4.05
284.333	0.00	0.01	0.779	O	|	|	|	4.04
284.417	0.00	0.01	0.779	O	|	|	|	4.04
284.500	0.00	0.01	0.778	O	|	|	|	4.04
284.583	0.00	0.01	0.778	O	|	|	|	4.04
284.667	0.00	0.01	0.778	O	|	|	|	4.04
284.750	0.00	0.01	0.778	O	|	|	|	4.04
284.833	0.00	0.01	0.778	O	|	|	|	4.04
284.917	0.00	0.01	0.778	O	|	|	|	4.04
285.000	0.00	0.01	0.778	O	|	|	|	4.04
285.083	0.00	0.01	0.778	O	|	|	|	4.04
285.167	0.00	0.01	0.778	O	|	|	|	4.04
285.250	0.00	0.01	0.778	O	|	|	|	4.04
285.333	0.00	0.01	0.778	O	|	|	|	4.04
285.417	0.00	0.01	0.778	O	|	|	|	4.04
285.500	0.00	0.01	0.778	O	|	|	|	4.04
285.583	0.00	0.01	0.778	O	|	|	|	4.04
285.667	0.00	0.01	0.778	O	|	|	|	4.04
285.750	0.00	0.01	0.777	O	|	|	|	4.04
285.833	0.00	0.01	0.777	O	|	|	|	4.04
285.917	0.00	0.01	0.777	O	|	|	|	4.04
286.000	0.00	0.01	0.777	O	|	|	|	4.04
286.083	0.00	0.01	0.777	O	|	|	|	4.04
286.167	0.00	0.01	0.777	O	|	|	|	4.04
286.250	0.00	0.01	0.777	O	|	|	|	4.04
286.333	0.00	0.01	0.777	O	|	|	|	4.04
286.417	0.00	0.01	0.777	O	|	|	|	4.04
286.500	0.00	0.01	0.777	O	|	|	|	4.04
286.583	0.00	0.01	0.777	O	|	|	|	4.04
286.667	0.00	0.01	0.777	O	|	|	|	4.03
286.750	0.00	0.01	0.777	O	|	|	|	4.03
286.833	0.00	0.01	0.777	O	|	|	|	4.03
286.917	0.00	0.01	0.776	O	|	|	|	4.03
287.000	0.00	0.01	0.776	O	|	|	|	4.03
287.083	0.00	0.01	0.776	O	|	|	|	4.03
287.167	0.00	0.01	0.776	O	|	|	|	4.03
287.250	0.00	0.01	0.776	O	|	|	|	4.03
287.333	0.00	0.01	0.776	O	|	|	|	4.03
287.417	0.00	0.01	0.776	O	|	|	|	4.03
287.500	0.00	0.01	0.776	O	|	|	|	4.03
287.583	0.00	0.01	0.776	O	|	|	|	4.03
287.667	0.00	0.01	0.776	O	|	|	|	4.03
287.750	0.00	0.01	0.776	O	|	|	|	4.03
287.833	0.00	0.01	0.776	O	|	|	|	4.03
287.917	0.00	0.01	0.776	O	|	|	|	4.03

288.000	0.00	0.01	0.776	O	|	|	|	|	4.03
288.083	0.00	0.01	0.776	O	|	|	|	|	4.03
288.167	0.00	0.01	0.775	O	|	|	|	|	4.03
288.250	0.00	0.01	0.775	O	|	|	|	|	4.03
288.333	0.00	0.01	0.775	O	|	|	|	|	4.03
288.417	0.00	0.01	0.775	O	|	|	|	|	4.03
288.500	0.00	0.01	0.775	O	|	|	|	|	4.03
288.583	0.00	0.01	0.775	O	|	|	|	|	4.03
288.667	0.00	0.01	0.775	O	|	|	|	|	4.03
288.750	0.00	0.01	0.775	O	|	|	|	|	4.03
288.833	0.00	0.01	0.775	O	|	|	|	|	4.03
288.917	0.00	0.01	0.775	O	|	|	|	|	4.03
289.000	0.00	0.01	0.775	O	|	|	|	|	4.02
289.083	0.00	0.01	0.775	O	|	|	|	|	4.02
289.167	0.00	0.01	0.775	O	|	|	|	|	4.02
289.250	0.00	0.01	0.775	O	|	|	|	|	4.02
289.333	0.00	0.01	0.775	O	|	|	|	|	4.02
289.417	0.00	0.01	0.774	O	|	|	|	|	4.02
289.500	0.00	0.01	0.774	O	|	|	|	|	4.02
289.583	0.00	0.01	0.774	O	|	|	|	|	4.02
289.667	0.00	0.01	0.774	O	|	|	|	|	4.02
289.750	0.00	0.01	0.774	O	|	|	|	|	4.02
289.833	0.00	0.01	0.774	O	|	|	|	|	4.02
289.917	0.00	0.01	0.774	O	|	|	|	|	4.02
290.000	0.00	0.01	0.774	O	|	|	|	|	4.02
290.083	0.00	0.01	0.774	O	|	|	|	|	4.02
290.167	0.00	0.01	0.774	O	|	|	|	|	4.02
290.250	0.00	0.01	0.774	O	|	|	|	|	4.02
290.333	0.00	0.01	0.774	O	|	|	|	|	4.02
290.417	0.00	0.01	0.774	O	|	|	|	|	4.02
290.500	0.00	0.01	0.774	O	|	|	|	|	4.02
290.583	0.00	0.01	0.773	O	|	|	|	|	4.02
290.667	0.00	0.01	0.773	O	|	|	|	|	4.02
290.750	0.00	0.01	0.773	O	|	|	|	|	4.02
290.833	0.00	0.01	0.773	O	|	|	|	|	4.02
290.917	0.00	0.01	0.773	O	|	|	|	|	4.02
291.000	0.00	0.01	0.773	O	|	|	|	|	4.02
291.083	0.00	0.01	0.773	O	|	|	|	|	4.02
291.167	0.00	0.01	0.773	O	|	|	|	|	4.02
291.250	0.00	0.01	0.773	O	|	|	|	|	4.02
291.333	0.00	0.01	0.773	O	|	|	|	|	4.01
291.417	0.00	0.01	0.773	O	|	|	|	|	4.01
291.500	0.00	0.01	0.773	O	|	|	|	|	4.01
291.583	0.00	0.01	0.773	O	|	|	|	|	4.01
291.667	0.00	0.01	0.773	O	|	|	|	|	4.01
291.750	0.00	0.01	0.773	O	|	|	|	|	4.01
291.833	0.00	0.01	0.772	O	|	|	|	|	4.01
291.917	0.00	0.01	0.772	O	|	|	|	|	4.01
292.000	0.00	0.01	0.772	O	|	|	|	|	4.01
292.083	0.00	0.01	0.772	O	|	|	|	|	4.01
292.167	0.00	0.01	0.772	O	|	|	|	|	4.01
292.250	0.00	0.01	0.772	O	|	|	|	|	4.01
292.333	0.00	0.01	0.772	O	|	|	|	|	4.01
292.417	0.00	0.01	0.772	O	|	|	|	|	4.01
292.500	0.00	0.01	0.772	O	|	|	|	|	4.01
292.583	0.00	0.01	0.772	O	|	|	|	|	4.01
292.667	0.00	0.01	0.772	O	|	|	|	|	4.01

292.750	0.00	0.01	0.772	O	|	|	|	4.01
292.833	0.00	0.01	0.772	O	|	|	|	4.01
292.917	0.00	0.01	0.772	O	|	|	|	4.01
293.000	0.00	0.01	0.771	O	|	|	|	4.01
293.083	0.00	0.01	0.771	O	|	|	|	4.01
293.167	0.00	0.01	0.771	O	|	|	|	4.01
293.250	0.00	0.01	0.771	O	|	|	|	4.01
293.333	0.00	0.01	0.771	O	|	|	|	4.01
293.417	0.00	0.01	0.771	O	|	|	|	4.01
293.500	0.00	0.01	0.771	O	|	|	|	4.01
293.583	0.00	0.01	0.771	O	|	|	|	4.01
293.667	0.00	0.01	0.771	O	|	|	|	4.00
293.750	0.00	0.01	0.771	O	|	|	|	4.00
293.833	0.00	0.01	0.771	O	|	|	|	4.00
293.917	0.00	0.01	0.771	O	|	|	|	4.00
294.000	0.00	0.01	0.771	O	|	|	|	4.00
294.083	0.00	0.01	0.771	O	|	|	|	4.00
294.167	0.00	0.01	0.771	O	|	|	|	4.00
294.250	0.00	0.01	0.770	O	|	|	|	4.00
294.333	0.00	0.01	0.770	O	|	|	|	4.00
294.417	0.00	0.01	0.770	O	|	|	|	4.00
294.500	0.00	0.01	0.770	O	|	|	|	4.00
294.583	0.00	0.01	0.770	O	|	|	|	4.00
294.667	0.00	0.01	0.770	O	|	|	|	4.00
294.750	0.00	0.01	0.770	O	|	|	|	4.00
294.833	0.00	0.01	0.770	O	|	|	|	4.00
294.917	0.00	0.01	0.770	O	|	|	|	4.00
295.000	0.00	0.01	0.770	O	|	|	|	4.00
295.083	0.00	0.01	0.770	O	|	|	|	4.00
295.167	0.00	0.01	0.770	O	|	|	|	4.00
295.250	0.00	0.01	0.770	O	|	|	|	4.00
295.333	0.00	0.01	0.770	O	|	|	|	4.00
295.417	0.00	0.01	0.769	O	|	|	|	4.00
295.500	0.00	0.01	0.769	O	|	|	|	4.00
295.583	0.00	0.01	0.769	O	|	|	|	4.00
295.667	0.00	0.01	0.769	O	|	|	|	4.00
295.750	0.00	0.01	0.769	O	|	|	|	4.00
295.833	0.00	0.01	0.769	O	|	|	|	4.00
295.917	0.00	0.01	0.769	O	|	|	|	4.00
296.000	0.00	0.01	0.769	O	|	|	|	3.99
296.083	0.00	0.01	0.769	O	|	|	|	3.99
296.167	0.00	0.01	0.769	O	|	|	|	3.99
296.250	0.00	0.01	0.769	O	|	|	|	3.99
296.333	0.00	0.01	0.769	O	|	|	|	3.99
296.417	0.00	0.01	0.769	O	|	|	|	3.99
296.500	0.00	0.01	0.769	O	|	|	|	3.99
296.583	0.00	0.01	0.769	O	|	|	|	3.99
296.667	0.00	0.01	0.768	O	|	|	|	3.99
296.750	0.00	0.01	0.768	O	|	|	|	3.99
296.833	0.00	0.01	0.768	O	|	|	|	3.99
296.917	0.00	0.01	0.768	O	|	|	|	3.99
297.000	0.00	0.01	0.768	O	|	|	|	3.99
297.083	0.00	0.01	0.768	O	|	|	|	3.99
297.167	0.00	0.01	0.768	O	|	|	|	3.99
297.250	0.00	0.01	0.768	O	|	|	|	3.99
297.333	0.00	0.01	0.768	O	|	|	|	3.99
297.417	0.00	0.01	0.768	O	|	|	|	3.99

297.500	0.00	0.01	0.768	O	|	|	|	3.99
297.583	0.00	0.01	0.768	O	|	|	|	3.99
297.667	0.00	0.01	0.768	O	|	|	|	3.99
297.750	0.00	0.01	0.768	O	|	|	|	3.99
297.833	0.00	0.01	0.767	O	|	|	|	3.99
297.917	0.00	0.01	0.767	O	|	|	|	3.99
298.000	0.00	0.01	0.767	O	|	|	|	3.99
298.083	0.00	0.01	0.767	O	|	|	|	3.99
298.167	0.00	0.01	0.767	O	|	|	|	3.99
298.250	0.00	0.01	0.767	O	|	|	|	3.99
298.333	0.00	0.01	0.767	O	|	|	|	3.98
298.417	0.00	0.01	0.767	O	|	|	|	3.98
298.500	0.00	0.01	0.767	O	|	|	|	3.98
298.583	0.00	0.01	0.767	O	|	|	|	3.98
298.667	0.00	0.01	0.767	O	|	|	|	3.98
298.750	0.00	0.01	0.767	O	|	|	|	3.98
298.833	0.00	0.01	0.767	O	|	|	|	3.98
298.917	0.00	0.01	0.767	O	|	|	|	3.98
299.000	0.00	0.01	0.767	O	|	|	|	3.98
299.083	0.00	0.01	0.766	O	|	|	|	3.98
299.167	0.00	0.01	0.766	O	|	|	|	3.98
299.250	0.00	0.01	0.766	O	|	|	|	3.98
299.333	0.00	0.01	0.766	O	|	|	|	3.98
299.417	0.00	0.01	0.766	O	|	|	|	3.98
299.500	0.00	0.01	0.766	O	|	|	|	3.98
299.583	0.00	0.01	0.766	O	|	|	|	3.98
299.667	0.00	0.01	0.766	O	|	|	|	3.98
299.750	0.00	0.01	0.766	O	|	|	|	3.98
299.833	0.00	0.01	0.766	O	|	|	|	3.98
299.917	0.00	0.01	0.766	O	|	|	|	3.98
300.000	0.00	0.01	0.766	O	|	|	|	3.98
300.083	0.00	0.01	0.766	O	|	|	|	3.98
300.167	0.00	0.01	0.766	O	|	|	|	3.98
300.250	0.00	0.01	0.765	O	|	|	|	3.98
300.333	0.00	0.01	0.765	O	|	|	|	3.98
300.417	0.00	0.01	0.765	O	|	|	|	3.98
300.500	0.00	0.01	0.765	O	|	|	|	3.98
300.583	0.00	0.01	0.765	O	|	|	|	3.98
300.667	0.00	0.01	0.765	O	|	|	|	3.97
300.750	0.00	0.01	0.765	O	|	|	|	3.97
300.833	0.00	0.01	0.765	O	|	|	|	3.97
300.917	0.00	0.01	0.765	O	|	|	|	3.97
301.000	0.00	0.01	0.765	O	|	|	|	3.97
301.083	0.00	0.01	0.765	O	|	|	|	3.97
301.167	0.00	0.01	0.765	O	|	|	|	3.97
301.250	0.00	0.01	0.765	O	|	|	|	3.97
301.333	0.00	0.01	0.765	O	|	|	|	3.97
301.417	0.00	0.01	0.765	O	|	|	|	3.97
301.500	0.00	0.01	0.764	O	|	|	|	3.97
301.583	0.00	0.01	0.764	O	|	|	|	3.97
301.667	0.00	0.01	0.764	O	|	|	|	3.97
301.750	0.00	0.01	0.764	O	|	|	|	3.97
301.833	0.00	0.01	0.764	O	|	|	|	3.97
301.917	0.00	0.01	0.764	O	|	|	|	3.97
302.000	0.00	0.01	0.764	O	|	|	|	3.97
302.083	0.00	0.01	0.764	O	|	|	|	3.97
302.167	0.00	0.01	0.764	O	|	|	|	3.97

302.250	0.00	0.01	0.764	O					3.97
302.333	0.00	0.01	0.764	O					3.97
302.417	0.00	0.01	0.764	O					3.97
302.500	0.00	0.01	0.764	O					3.97
302.583	0.00	0.01	0.764	O					3.97
302.667	0.00	0.01	0.763	O					3.97
302.750	0.00	0.01	0.763	O					3.97
302.833	0.00	0.01	0.763	O					3.97
302.917	0.00	0.01	0.763	O					3.96
303.000	0.00	0.01	0.763	O					3.96
303.083	0.00	0.01	0.763	O					3.96
303.167	0.00	0.01	0.763	O					3.96
303.250	0.00	0.01	0.763	O					3.96
303.333	0.00	0.01	0.763	O					3.96
303.417	0.00	0.01	0.763	O					3.96
303.500	0.00	0.01	0.763	O					3.96
303.583	0.00	0.01	0.763	O					3.96
303.667	0.00	0.01	0.763	O					3.96
303.750	0.00	0.01	0.763	O					3.96
303.833	0.00	0.01	0.763	O					3.96
303.917	0.00	0.01	0.762	O					3.96
304.000	0.00	0.01	0.762	O					3.96
304.083	0.00	0.01	0.762	O					3.96
304.167	0.00	0.01	0.762	O					3.96
304.250	0.00	0.01	0.762	O					3.96
304.333	0.00	0.01	0.762	O					3.96
304.417	0.00	0.01	0.762	O					3.96
304.500	0.00	0.01	0.762	O					3.96
304.583	0.00	0.01	0.762	O					3.96
304.667	0.00	0.01	0.762	O					3.96
304.750	0.00	0.01	0.762	O					3.96
304.833	0.00	0.01	0.762	O					3.96
304.917	0.00	0.01	0.762	O					3.96
305.000	0.00	0.01	0.762	O					3.96
305.083	0.00	0.01	0.761	O					3.96
305.167	0.00	0.01	0.761	O					3.96
305.250	0.00	0.01	0.761	O					3.95
305.333	0.00	0.01	0.761	O					3.95
305.417	0.00	0.01	0.761	O					3.95
305.500	0.00	0.01	0.761	O					3.95
305.583	0.00	0.01	0.761	O					3.95
305.667	0.00	0.01	0.761	O					3.95
305.750	0.00	0.01	0.761	O					3.95
305.833	0.00	0.01	0.761	O					3.95
305.917	0.00	0.01	0.761	O					3.95
306.000	0.00	0.01	0.761	O					3.95
306.083	0.00	0.01	0.761	O					3.95
306.167	0.00	0.01	0.761	O					3.95
306.250	0.00	0.01	0.761	O					3.95
306.333	0.00	0.01	0.760	O					3.95
306.417	0.00	0.01	0.760	O					3.95
306.500	0.00	0.01	0.760	O					3.95
306.583	0.00	0.01	0.760	O					3.95
306.667	0.00	0.01	0.760	O					3.95
306.750	0.00	0.01	0.760	O					3.95
306.833	0.00	0.01	0.760	O					3.95
306.917	0.00	0.01	0.760	O					3.95

307.000	0.00	0.01	0.760	O	|	|	|	3.95
307.083	0.00	0.01	0.760	O	|	|	|	3.95
307.167	0.00	0.01	0.760	O	|	|	|	3.95
307.250	0.00	0.01	0.760	O	|	|	|	3.95
307.333	0.00	0.01	0.760	O	|	|	|	3.95
307.417	0.00	0.01	0.760	O	|	|	|	3.95
307.500	0.00	0.01	0.759	O	|	|	|	3.95
307.583	0.00	0.01	0.759	O	|	|	|	3.94
307.667	0.00	0.01	0.759	O	|	|	|	3.94
307.750	0.00	0.01	0.759	O	|	|	|	3.94
307.833	0.00	0.01	0.759	O	|	|	|	3.94
307.917	0.00	0.01	0.759	O	|	|	|	3.94
308.000	0.00	0.01	0.759	O	|	|	|	3.94
308.083	0.00	0.01	0.759	O	|	|	|	3.94
308.167	0.00	0.01	0.759	O	|	|	|	3.94
308.250	0.00	0.01	0.759	O	|	|	|	3.94
308.333	0.00	0.01	0.759	O	|	|	|	3.94
308.417	0.00	0.01	0.759	O	|	|	|	3.94
308.500	0.00	0.01	0.759	O	|	|	|	3.94
308.583	0.00	0.01	0.759	O	|	|	|	3.94
308.667	0.00	0.01	0.759	O	|	|	|	3.94
308.750	0.00	0.01	0.758	O	|	|	|	3.94
308.833	0.00	0.01	0.758	O	|	|	|	3.94
308.917	0.00	0.01	0.758	O	|	|	|	3.94
309.000	0.00	0.01	0.758	O	|	|	|	3.94
309.083	0.00	0.01	0.758	O	|	|	|	3.94
309.167	0.00	0.01	0.758	O	|	|	|	3.94
309.250	0.00	0.01	0.758	O	|	|	|	3.94
309.333	0.00	0.01	0.758	O	|	|	|	3.94
309.417	0.00	0.01	0.758	O	|	|	|	3.94
309.500	0.00	0.01	0.758	O	|	|	|	3.94
309.583	0.00	0.01	0.758	O	|	|	|	3.94
309.667	0.00	0.01	0.758	O	|	|	|	3.94
309.750	0.00	0.01	0.758	O	|	|	|	3.94
309.833	0.00	0.01	0.758	O	|	|	|	3.94
309.917	0.00	0.01	0.757	O	|	|	|	3.93
310.000	0.00	0.01	0.757	O	|	|	|	3.93
310.083	0.00	0.01	0.757	O	|	|	|	3.93
310.167	0.00	0.01	0.757	O	|	|	|	3.93
310.250	0.00	0.01	0.757	O	|	|	|	3.93
310.333	0.00	0.01	0.757	O	|	|	|	3.93
310.417	0.00	0.01	0.757	O	|	|	|	3.93
310.500	0.00	0.01	0.757	O	|	|	|	3.93
310.583	0.00	0.01	0.757	O	|	|	|	3.93
310.667	0.00	0.01	0.757	O	|	|	|	3.93
310.750	0.00	0.01	0.757	O	|	|	|	3.93
310.833	0.00	0.01	0.757	O	|	|	|	3.93
310.917	0.00	0.01	0.757	O	|	|	|	3.93
311.000	0.00	0.01	0.757	O	|	|	|	3.93
311.083	0.00	0.01	0.757	O	|	|	|	3.93
311.167	0.00	0.01	0.756	O	|	|	|	3.93
311.250	0.00	0.01	0.756	O	|	|	|	3.93
311.333	0.00	0.01	0.756	O	|	|	|	3.93
311.417	0.00	0.01	0.756	O	|	|	|	3.93
311.500	0.00	0.01	0.756	O	|	|	|	3.93
311.583	0.00	0.01	0.756	O	|	|	|	3.93
311.667	0.00	0.01	0.756	O	|	|	|	3.93

311.750	0.00	0.01	0.756	O	|	|	|	3.93
311.833	0.00	0.01	0.756	O	|	|	|	3.93
311.917	0.00	0.01	0.756	O	|	|	|	3.93
312.000	0.00	0.01	0.756	O	|	|	|	3.93
312.083	0.00	0.01	0.756	O	|	|	|	3.93
312.167	0.00	0.01	0.756	O	|	|	|	3.93
312.250	0.00	0.01	0.756	O	|	|	|	3.92
312.333	0.00	0.01	0.755	O	|	|	|	3.92
312.417	0.00	0.01	0.755	O	|	|	|	3.92
312.500	0.00	0.01	0.755	O	|	|	|	3.92
312.583	0.00	0.01	0.755	O	|	|	|	3.92
312.667	0.00	0.01	0.755	O	|	|	|	3.92
312.750	0.00	0.01	0.755	O	|	|	|	3.92
312.833	0.00	0.01	0.755	O	|	|	|	3.92
312.917	0.00	0.01	0.755	O	|	|	|	3.92
313.000	0.00	0.01	0.755	O	|	|	|	3.92
313.083	0.00	0.01	0.755	O	|	|	|	3.92
313.167	0.00	0.01	0.755	O	|	|	|	3.92
313.250	0.00	0.01	0.755	O	|	|	|	3.92
313.333	0.00	0.01	0.755	O	|	|	|	3.92
313.417	0.00	0.01	0.755	O	|	|	|	3.92
313.500	0.00	0.01	0.755	O	|	|	|	3.92
313.583	0.00	0.01	0.754	O	|	|	|	3.92
313.667	0.00	0.01	0.754	O	|	|	|	3.92
313.750	0.00	0.01	0.754	O	|	|	|	3.92
313.833	0.00	0.01	0.754	O	|	|	|	3.92
313.917	0.00	0.01	0.754	O	|	|	|	3.92
314.000	0.00	0.01	0.754	O	|	|	|	3.92
314.083	0.00	0.01	0.754	O	|	|	|	3.92
314.167	0.00	0.01	0.754	O	|	|	|	3.92
314.250	0.00	0.01	0.754	O	|	|	|	3.92
314.333	0.00	0.01	0.754	O	|	|	|	3.92
314.417	0.00	0.01	0.754	O	|	|	|	3.92
314.500	0.00	0.01	0.754	O	|	|	|	3.92
314.583	0.00	0.01	0.754	O	|	|	|	3.91
314.667	0.00	0.01	0.754	O	|	|	|	3.91
314.750	0.00	0.01	0.753	O	|	|	|	3.91
314.833	0.00	0.01	0.753	O	|	|	|	3.91
314.917	0.00	0.01	0.753	O	|	|	|	3.91
315.000	0.00	0.01	0.753	O	|	|	|	3.91
315.083	0.00	0.01	0.753	O	|	|	|	3.91
315.167	0.00	0.01	0.753	O	|	|	|	3.91
315.250	0.00	0.01	0.753	O	|	|	|	3.91
315.333	0.00	0.01	0.753	O	|	|	|	3.91
315.417	0.00	0.01	0.753	O	|	|	|	3.91
315.500	0.00	0.01	0.753	O	|	|	|	3.91
315.583	0.00	0.01	0.753	O	|	|	|	3.91
315.667	0.00	0.01	0.753	O	|	|	|	3.91
315.750	0.00	0.01	0.753	O	|	|	|	3.91
315.833	0.00	0.01	0.753	O	|	|	|	3.91
315.917	0.00	0.01	0.753	O	|	|	|	3.91
316.000	0.00	0.01	0.752	O	|	|	|	3.91
316.083	0.00	0.01	0.752	O	|	|	|	3.91
316.167	0.00	0.01	0.752	O	|	|	|	3.91
316.250	0.00	0.01	0.752	O	|	|	|	3.91
316.333	0.00	0.01	0.752	O	|	|	|	3.91
316.417	0.00	0.01	0.752	O	|	|	|	3.91

316.500	0.00	0.01	0.752	O	|	|	|	3.91
316.583	0.00	0.01	0.752	O	|	|	|	3.91
316.667	0.00	0.01	0.752	O	|	|	|	3.91
316.750	0.00	0.01	0.752	O	|	|	|	3.91
316.833	0.00	0.01	0.752	O	|	|	|	3.91
316.917	0.00	0.01	0.752	O	|	|	|	3.90
317.000	0.00	0.01	0.752	O	|	|	|	3.90
317.083	0.00	0.01	0.752	O	|	|	|	3.90
317.167	0.00	0.01	0.751	O	|	|	|	3.90
317.250	0.00	0.01	0.751	O	|	|	|	3.90
317.333	0.00	0.01	0.751	O	|	|	|	3.90
317.417	0.00	0.01	0.751	O	|	|	|	3.90
317.500	0.00	0.01	0.751	O	|	|	|	3.90
317.583	0.00	0.01	0.751	O	|	|	|	3.90
317.667	0.00	0.01	0.751	O	|	|	|	3.90
317.750	0.00	0.01	0.751	O	|	|	|	3.90
317.833	0.00	0.01	0.751	O	|	|	|	3.90
317.917	0.00	0.01	0.751	O	|	|	|	3.90
318.000	0.00	0.01	0.751	O	|	|	|	3.90
318.083	0.00	0.01	0.751	O	|	|	|	3.90
318.167	0.00	0.01	0.751	O	|	|	|	3.90
318.250	0.00	0.01	0.751	O	|	|	|	3.90
318.333	0.00	0.01	0.751	O	|	|	|	3.90
318.417	0.00	0.01	0.750	O	|	|	|	3.90
318.500	0.00	0.01	0.750	O	|	|	|	3.90
318.583	0.00	0.01	0.750	O	|	|	|	3.90
318.667	0.00	0.01	0.750	O	|	|	|	3.90
318.750	0.00	0.01	0.750	O	|	|	|	3.90
318.833	0.00	0.01	0.750	O	|	|	|	3.90
318.917	0.00	0.01	0.750	O	|	|	|	3.90
319.000	0.00	0.01	0.750	O	|	|	|	3.90
319.083	0.00	0.01	0.750	O	|	|	|	3.90
319.167	0.00	0.01	0.750	O	|	|	|	3.90
319.250	0.00	0.01	0.750	O	|	|	|	3.89
319.333	0.00	0.01	0.750	O	|	|	|	3.89
319.417	0.00	0.01	0.750	O	|	|	|	3.89
319.500	0.00	0.01	0.750	O	|	|	|	3.89
319.583	0.00	0.01	0.750	O	|	|	|	3.89
319.667	0.00	0.01	0.749	O	|	|	|	3.89
319.750	0.00	0.01	0.749	O	|	|	|	3.89
319.833	0.00	0.01	0.749	O	|	|	|	3.89
319.917	0.00	0.01	0.749	O	|	|	|	3.89
320.000	0.00	0.01	0.749	O	|	|	|	3.89
320.083	0.00	0.01	0.749	O	|	|	|	3.89
320.167	0.00	0.01	0.749	O	|	|	|	3.89
320.250	0.00	0.01	0.749	O	|	|	|	3.89
320.333	0.00	0.01	0.749	O	|	|	|	3.89
320.417	0.00	0.01	0.749	O	|	|	|	3.89
320.500	0.00	0.01	0.749	O	|	|	|	3.89
320.583	0.00	0.01	0.749	O	|	|	|	3.89
320.667	0.00	0.01	0.749	O	|	|	|	3.89
320.750	0.00	0.01	0.749	O	|	|	|	3.89
320.833	0.00	0.01	0.748	O	|	|	|	3.89
320.917	0.00	0.01	0.748	O	|	|	|	3.89
321.000	0.00	0.01	0.748	O	|	|	|	3.89
321.083	0.00	0.01	0.748	O	|	|	|	3.89
321.167	0.00	0.01	0.748	O	|	|	|	3.89

321.250	0.00	0.01	0.748	O	|	|	|	3.89
321.333	0.00	0.01	0.748	O	|	|	|	3.89
321.417	0.00	0.01	0.748	O	|	|	|	3.89
321.500	0.00	0.01	0.748	O	|	|	|	3.88
321.583	0.00	0.01	0.748	O	|	|	|	3.88
321.667	0.00	0.01	0.748	O	|	|	|	3.88
321.750	0.00	0.01	0.748	O	|	|	|	3.88
321.833	0.00	0.01	0.748	O	|	|	|	3.88
321.917	0.00	0.01	0.748	O	|	|	|	3.88
322.000	0.00	0.01	0.748	O	|	|	|	3.88
322.083	0.00	0.01	0.747	O	|	|	|	3.88
322.167	0.00	0.01	0.747	O	|	|	|	3.88
322.250	0.00	0.01	0.747	O	|	|	|	3.88
322.333	0.00	0.01	0.747	O	|	|	|	3.88
322.417	0.00	0.01	0.747	O	|	|	|	3.88
322.500	0.00	0.01	0.747	O	|	|	|	3.88
322.583	0.00	0.01	0.747	O	|	|	|	3.88
322.667	0.00	0.01	0.747	O	|	|	|	3.88
322.750	0.00	0.01	0.747	O	|	|	|	3.88
322.833	0.00	0.01	0.747	O	|	|	|	3.88
322.917	0.00	0.01	0.747	O	|	|	|	3.88
323.000	0.00	0.01	0.747	O	|	|	|	3.88
323.083	0.00	0.01	0.747	O	|	|	|	3.88
323.167	0.00	0.01	0.747	O	|	|	|	3.88
323.250	0.00	0.01	0.746	O	|	|	|	3.88
323.333	0.00	0.01	0.746	O	|	|	|	3.88
323.417	0.00	0.01	0.746	O	|	|	|	3.88
323.500	0.00	0.01	0.746	O	|	|	|	3.88
323.583	0.00	0.01	0.746	O	|	|	|	3.88
323.667	0.00	0.01	0.746	O	|	|	|	3.88
323.750	0.00	0.01	0.746	O	|	|	|	3.88
323.833	0.00	0.01	0.746	O	|	|	|	3.87
323.917	0.00	0.01	0.746	O	|	|	|	3.87
324.000	0.00	0.01	0.746	O	|	|	|	3.87
324.083	0.00	0.01	0.746	O	|	|	|	3.87
324.167	0.00	0.01	0.746	O	|	|	|	3.87
324.250	0.00	0.01	0.746	O	|	|	|	3.87
324.333	0.00	0.01	0.746	O	|	|	|	3.87
324.417	0.00	0.01	0.746	O	|	|	|	3.87
324.500	0.00	0.01	0.745	O	|	|	|	3.87
324.583	0.00	0.01	0.745	O	|	|	|	3.87
324.667	0.00	0.01	0.745	O	|	|	|	3.87
324.750	0.00	0.01	0.745	O	|	|	|	3.87
324.833	0.00	0.01	0.745	O	|	|	|	3.87
324.917	0.00	0.01	0.745	O	|	|	|	3.87
325.000	0.00	0.01	0.745	O	|	|	|	3.87
325.083	0.00	0.01	0.745	O	|	|	|	3.87
325.167	0.00	0.01	0.745	O	|	|	|	3.87
325.250	0.00	0.01	0.745	O	|	|	|	3.87
325.333	0.00	0.01	0.745	O	|	|	|	3.87
325.417	0.00	0.01	0.745	O	|	|	|	3.87
325.500	0.00	0.01	0.745	O	|	|	|	3.87
325.583	0.00	0.01	0.745	O	|	|	|	3.87
325.667	0.00	0.01	0.744	O	|	|	|	3.87
325.750	0.00	0.01	0.744	O	|	|	|	3.87
325.833	0.00	0.01	0.744	O	|	|	|	3.87
325.917	0.00	0.01	0.744	O	|	|	|	3.87

326.000	0.00	0.01	0.744	O	|	|	|	3.87
326.083	0.00	0.01	0.744	O	|	|	|	3.87
326.167	0.00	0.01	0.744	O	|	|	|	3.86
326.250	0.00	0.01	0.744	O	|	|	|	3.86
326.333	0.00	0.01	0.744	O	|	|	|	3.86
326.417	0.00	0.01	0.744	O	|	|	|	3.86
326.500	0.00	0.01	0.744	O	|	|	|	3.86
326.583	0.00	0.01	0.744	O	|	|	|	3.86
326.667	0.00	0.01	0.744	O	|	|	|	3.86
326.750	0.00	0.01	0.744	O	|	|	|	3.86
326.833	0.00	0.01	0.744	O	|	|	|	3.86
326.917	0.00	0.01	0.743	O	|	|	|	3.86
327.000	0.00	0.01	0.743	O	|	|	|	3.86
327.083	0.00	0.01	0.743	O	|	|	|	3.86
327.167	0.00	0.01	0.743	O	|	|	|	3.86
327.250	0.00	0.01	0.743	O	|	|	|	3.86
327.333	0.00	0.01	0.743	O	|	|	|	3.86
327.417	0.00	0.01	0.743	O	|	|	|	3.86
327.500	0.00	0.01	0.743	O	|	|	|	3.86
327.583	0.00	0.01	0.743	O	|	|	|	3.86
327.667	0.00	0.01	0.743	O	|	|	|	3.86
327.750	0.00	0.01	0.743	O	|	|	|	3.86
327.833	0.00	0.01	0.743	O	|	|	|	3.86
327.917	0.00	0.01	0.743	O	|	|	|	3.86
328.000	0.00	0.01	0.743	O	|	|	|	3.86
328.083	0.00	0.01	0.742	O	|	|	|	3.86
328.167	0.00	0.01	0.742	O	|	|	|	3.86
328.250	0.00	0.01	0.742	O	|	|	|	3.86
328.333	0.00	0.01	0.742	O	|	|	|	3.86
328.417	0.00	0.01	0.742	O	|	|	|	3.86
328.500	0.00	0.01	0.742	O	|	|	|	3.85
328.583	0.00	0.01	0.742	O	|	|	|	3.85
328.667	0.00	0.01	0.742	O	|	|	|	3.85
328.750	0.00	0.01	0.742	O	|	|	|	3.85
328.833	0.00	0.01	0.742	O	|	|	|	3.85
328.917	0.00	0.01	0.742	O	|	|	|	3.85
329.000	0.00	0.01	0.742	O	|	|	|	3.85
329.083	0.00	0.01	0.742	O	|	|	|	3.85
329.167	0.00	0.01	0.742	O	|	|	|	3.85
329.250	0.00	0.01	0.742	O	|	|	|	3.85
329.333	0.00	0.01	0.741	O	|	|	|	3.85
329.417	0.00	0.01	0.741	O	|	|	|	3.85
329.500	0.00	0.01	0.741	O	|	|	|	3.85
329.583	0.00	0.01	0.741	O	|	|	|	3.85
329.667	0.00	0.01	0.741	O	|	|	|	3.85
329.750	0.00	0.01	0.741	O	|	|	|	3.85
329.833	0.00	0.01	0.741	O	|	|	|	3.85
329.917	0.00	0.01	0.741	O	|	|	|	3.85
330.000	0.00	0.01	0.741	O	|	|	|	3.85
330.083	0.00	0.01	0.741	O	|	|	|	3.85
330.167	0.00	0.01	0.741	O	|	|	|	3.85
330.250	0.00	0.01	0.741	O	|	|	|	3.85
330.333	0.00	0.01	0.741	O	|	|	|	3.85
330.417	0.00	0.01	0.741	O	|	|	|	3.85
330.500	0.00	0.01	0.740	O	|	|	|	3.85
330.583	0.00	0.01	0.740	O	|	|	|	3.85
330.667	0.00	0.01	0.740	O	|	|	|	3.85

330.750	0.00	0.01	0.740	O	|	|	|	3.85
330.833	0.00	0.01	0.740	O	|	|	|	3.84
330.917	0.00	0.01	0.740	O	|	|	|	3.84
331.000	0.00	0.01	0.740	O	|	|	|	3.84
331.083	0.00	0.01	0.740	O	|	|	|	3.84
331.167	0.00	0.01	0.740	O	|	|	|	3.84
331.250	0.00	0.01	0.740	O	|	|	|	3.84
331.333	0.00	0.01	0.740	O	|	|	|	3.84
331.417	0.00	0.01	0.740	O	|	|	|	3.84
331.500	0.00	0.01	0.740	O	|	|	|	3.84
331.583	0.00	0.01	0.740	O	|	|	|	3.84
331.667	0.00	0.01	0.740	O	|	|	|	3.84
331.750	0.00	0.01	0.739	O	|	|	|	3.84
331.833	0.00	0.01	0.739	O	|	|	|	3.84
331.917	0.00	0.01	0.739	O	|	|	|	3.84
332.000	0.00	0.01	0.739	O	|	|	|	3.84
332.083	0.00	0.01	0.739	O	|	|	|	3.84
332.167	0.00	0.01	0.739	O	|	|	|	3.84
332.250	0.00	0.01	0.739	O	|	|	|	3.84
332.333	0.00	0.01	0.739	O	|	|	|	3.84
332.417	0.00	0.01	0.739	O	|	|	|	3.84
332.500	0.00	0.01	0.739	O	|	|	|	3.84
332.583	0.00	0.01	0.739	O	|	|	|	3.84
332.667	0.00	0.01	0.739	O	|	|	|	3.84
332.750	0.00	0.01	0.739	O	|	|	|	3.84
332.833	0.00	0.01	0.739	O	|	|	|	3.84
332.917	0.00	0.01	0.738	O	|	|	|	3.84
333.000	0.00	0.01	0.738	O	|	|	|	3.84
333.083	0.00	0.01	0.738	O	|	|	|	3.84
333.167	0.00	0.01	0.738	O	|	|	|	3.83
333.250	0.00	0.01	0.738	O	|	|	|	3.83
333.333	0.00	0.01	0.738	O	|	|	|	3.83
333.417	0.00	0.01	0.738	O	|	|	|	3.83
333.500	0.00	0.01	0.738	O	|	|	|	3.83
333.583	0.00	0.01	0.738	O	|	|	|	3.83
333.667	0.00	0.01	0.738	O	|	|	|	3.83
333.750	0.00	0.01	0.738	O	|	|	|	3.83
333.833	0.00	0.01	0.738	O	|	|	|	3.83
333.917	0.00	0.01	0.738	O	|	|	|	3.83
334.000	0.00	0.01	0.738	O	|	|	|	3.83
334.083	0.00	0.01	0.738	O	|	|	|	3.83
334.167	0.00	0.01	0.737	O	|	|	|	3.83
334.250	0.00	0.01	0.737	O	|	|	|	3.83
334.333	0.00	0.01	0.737	O	|	|	|	3.83
334.417	0.00	0.01	0.737	O	|	|	|	3.83
334.500	0.00	0.01	0.737	O	|	|	|	3.83
334.583	0.00	0.01	0.737	O	|	|	|	3.83
334.667	0.00	0.01	0.737	O	|	|	|	3.83
334.750	0.00	0.01	0.737	O	|	|	|	3.83
334.833	0.00	0.01	0.737	O	|	|	|	3.83
334.917	0.00	0.01	0.737	O	|	|	|	3.83
335.000	0.00	0.01	0.737	O	|	|	|	3.83
335.083	0.00	0.01	0.737	O	|	|	|	3.83
335.167	0.00	0.01	0.737	O	|	|	|	3.83
335.250	0.00	0.01	0.737	O	|	|	|	3.83
335.333	0.00	0.01	0.736	O	|	|	|	3.83
335.417	0.00	0.01	0.736	O	|	|	|	3.83

335.500	0.00	0.01	0.736	O					3.82
335.583	0.00	0.01	0.736	O					3.82
335.667	0.00	0.01	0.736	O					3.82
335.750	0.00	0.01	0.736	O					3.82
335.833	0.00	0.01	0.736	O					3.82
335.917	0.00	0.01	0.736	O					3.82
336.000	0.00	0.01	0.736	O					3.82
336.083	0.00	0.01	0.736	O					3.82
336.167	0.00	0.01	0.736	O					3.82
336.250	0.00	0.01	0.736	O					3.82
336.333	0.00	0.01	0.736	O					3.82
336.417	0.00	0.01	0.736	O					3.82
336.500	0.00	0.01	0.736	O					3.82
336.583	0.00	0.01	0.735	O					3.82
336.667	0.00	0.01	0.735	O					3.82
336.750	0.00	0.01	0.735	O					3.82
336.833	0.00	0.01	0.735	O					3.82
336.917	0.00	0.01	0.735	O					3.82
337.000	0.00	0.01	0.735	O					3.82
337.083	0.00	0.01	0.735	O					3.82
337.167	0.00	0.01	0.735	O					3.82
337.250	0.00	0.01	0.735	O					3.82
337.333	0.00	0.01	0.735	O					3.82
337.417	0.00	0.01	0.735	O					3.82
337.500	0.00	0.01	0.735	O					3.82
337.583	0.00	0.01	0.735	O					3.82
337.667	0.00	0.01	0.735	O					3.82
337.750	0.00	0.01	0.734	O					3.82
337.833	0.00	0.01	0.734	O					3.81
337.917	0.00	0.01	0.734	O					3.81
338.000	0.00	0.01	0.734	O					3.81
338.083	0.00	0.01	0.734	O					3.81
338.167	0.00	0.01	0.734	O					3.81
338.250	0.00	0.01	0.734	O					3.81
338.333	0.00	0.01	0.734	O					3.81
338.417	0.00	0.01	0.734	O					3.81
338.500	0.00	0.01	0.734	O					3.81
338.583	0.00	0.01	0.734	O					3.81
338.667	0.00	0.01	0.734	O					3.81
338.750	0.00	0.01	0.734	O					3.81
338.833	0.00	0.01	0.734	O					3.81
338.917	0.00	0.01	0.734	O					3.81
339.000	0.00	0.01	0.733	O					3.81
339.083	0.00	0.01	0.733	O					3.81
339.167	0.00	0.01	0.733	O					3.81
339.250	0.00	0.01	0.733	O					3.81
339.333	0.00	0.01	0.733	O					3.81
339.417	0.00	0.01	0.733	O					3.81
339.500	0.00	0.01	0.733	O					3.81
339.583	0.00	0.01	0.733	O					3.81
339.667	0.00	0.01	0.733	O					3.81
339.750	0.00	0.01	0.733	O					3.81
339.833	0.00	0.01	0.733	O					3.81
339.917	0.00	0.01	0.733	O					3.81
340.000	0.00	0.01	0.733	O					3.81
340.083	0.00	0.01	0.733	O					3.80
340.167	0.00	0.01	0.732	O					3.80

340.250	0.00	0.01	0.732	O					3.80
340.333	0.00	0.01	0.732	O					3.80
340.417	0.00	0.01	0.732	O					3.80
340.500	0.00	0.01	0.732	O					3.80
340.583	0.00	0.01	0.732	O					3.80
340.667	0.00	0.01	0.732	O					3.80
340.750	0.00	0.01	0.732	O					3.80
340.833	0.00	0.01	0.732	O					3.80
340.917	0.00	0.01	0.732	O					3.80
341.000	0.00	0.01	0.732	O					3.80
341.083	0.00	0.01	0.732	O					3.80
341.167	0.00	0.01	0.732	O					3.80
341.250	0.00	0.01	0.732	O					3.80
341.333	0.00	0.01	0.732	O					3.80
341.417	0.00	0.01	0.731	O					3.80
341.500	0.00	0.01	0.731	O					3.80
341.583	0.00	0.01	0.731	O					3.80
341.667	0.00	0.01	0.731	O					3.80
341.750	0.00	0.01	0.731	O					3.80
341.833	0.00	0.01	0.731	O					3.80
341.917	0.00	0.01	0.731	O					3.80
342.000	0.00	0.01	0.731	O					3.80
342.083	0.00	0.01	0.731	O					3.80
342.167	0.00	0.01	0.731	O					3.80
342.250	0.00	0.01	0.731	O					3.80
342.333	0.00	0.01	0.731	O					3.80
342.417	0.00	0.01	0.731	O					3.79
342.500	0.00	0.01	0.731	O					3.79
342.583	0.00	0.01	0.730	O					3.79
342.667	0.00	0.01	0.730	O					3.79
342.750	0.00	0.01	0.730	O					3.79
342.833	0.00	0.01	0.730	O					3.79
342.917	0.00	0.01	0.730	O					3.79
343.000	0.00	0.01	0.730	O					3.79
343.083	0.00	0.01	0.730	O					3.79
343.167	0.00	0.01	0.730	O					3.79
343.250	0.00	0.01	0.730	O					3.79
343.333	0.00	0.01	0.730	O					3.79
343.417	0.00	0.01	0.730	O					3.79
343.500	0.00	0.01	0.730	O					3.79
343.583	0.00	0.01	0.730	O					3.79
343.667	0.00	0.01	0.730	O					3.79
343.750	0.00	0.01	0.730	O					3.79
343.833	0.00	0.01	0.729	O					3.79
343.917	0.00	0.01	0.729	O					3.79
344.000	0.00	0.01	0.729	O					3.79
344.083	0.00	0.01	0.729	O					3.79
344.167	0.00	0.01	0.729	O					3.79
344.250	0.00	0.01	0.729	O					3.79
344.333	0.00	0.01	0.729	O					3.79
344.417	0.00	0.01	0.729	O					3.79
344.500	0.00	0.01	0.729	O					3.79
344.583	0.00	0.01	0.729	O					3.79
344.667	0.00	0.01	0.729	O					3.79
344.750	0.00	0.01	0.729	O					3.78
344.833	0.00	0.01	0.729	O					3.78
344.917	0.00	0.01	0.729	O					3.78

345.000	0.00	0.01	0.728	O	|	|	|	|	3.78
345.083	0.00	0.01	0.728	O	|	|	|	|	3.78
345.167	0.00	0.01	0.728	O	|	|	|	|	3.78
345.250	0.00	0.01	0.728	O	|	|	|	|	3.78
345.333	0.00	0.01	0.728	O	|	|	|	|	3.78
345.417	0.00	0.01	0.728	O	|	|	|	|	3.78
345.500	0.00	0.01	0.728	O	|	|	|	|	3.78
345.583	0.00	0.01	0.728	O	|	|	|	|	3.78
345.667	0.00	0.01	0.728	O	|	|	|	|	3.78
345.750	0.00	0.01	0.728	O	|	|	|	|	3.78
345.833	0.00	0.01	0.728	O	|	|	|	|	3.78
345.917	0.00	0.01	0.728	O	|	|	|	|	3.78
346.000	0.00	0.01	0.728	O	|	|	|	|	3.78
346.083	0.00	0.01	0.728	O	|	|	|	|	3.78
346.167	0.00	0.01	0.728	O	|	|	|	|	3.78
346.250	0.00	0.01	0.727	O	|	|	|	|	3.78
346.333	0.00	0.01	0.727	O	|	|	|	|	3.78
346.417	0.00	0.01	0.727	O	|	|	|	|	3.78
346.500	0.00	0.01	0.727	O	|	|	|	|	3.78
346.583	0.00	0.01	0.727	O	|	|	|	|	3.78
346.667	0.00	0.01	0.727	O	|	|	|	|	3.78
346.750	0.00	0.01	0.727	O	|	|	|	|	3.78
346.833	0.00	0.01	0.727	O	|	|	|	|	3.78
346.917	0.00	0.01	0.727	O	|	|	|	|	3.78
347.000	0.00	0.01	0.727	O	|	|	|	|	3.78
347.083	0.00	0.01	0.727	O	|	|	|	|	3.77
347.167	0.00	0.01	0.727	O	|	|	|	|	3.77
347.250	0.00	0.01	0.727	O	|	|	|	|	3.77
347.333	0.00	0.01	0.727	O	|	|	|	|	3.77
347.417	0.00	0.01	0.726	O	|	|	|	|	3.77
347.500	0.00	0.01	0.726	O	|	|	|	|	3.77
347.583	0.00	0.01	0.726	O	|	|	|	|	3.77
347.667	0.00	0.01	0.726	O	|	|	|	|	3.77
347.750	0.00	0.01	0.726	O	|	|	|	|	3.77
347.833	0.00	0.01	0.726	O	|	|	|	|	3.77
347.917	0.00	0.01	0.726	O	|	|	|	|	3.77
348.000	0.00	0.01	0.726	O	|	|	|	|	3.77
348.083	0.00	0.01	0.726	O	|	|	|	|	3.77
348.167	0.00	0.01	0.726	O	|	|	|	|	3.77
348.250	0.00	0.01	0.726	O	|	|	|	|	3.77
348.333	0.00	0.01	0.726	O	|	|	|	|	3.77
348.417	0.00	0.01	0.726	O	|	|	|	|	3.77
348.500	0.00	0.01	0.726	O	|	|	|	|	3.77
348.583	0.00	0.01	0.726	O	|	|	|	|	3.77
348.667	0.00	0.01	0.725	O	|	|	|	|	3.77
348.750	0.00	0.01	0.725	O	|	|	|	|	3.77
348.833	0.00	0.01	0.725	O	|	|	|	|	3.77
348.917	0.00	0.01	0.725	O	|	|	|	|	3.77
349.000	0.00	0.01	0.725	O	|	|	|	|	3.77
349.083	0.00	0.01	0.725	O	|	|	|	|	3.77
349.167	0.00	0.01	0.725	O	|	|	|	|	3.77
349.250	0.00	0.01	0.725	O	|	|	|	|	3.77
349.333	0.00	0.01	0.725	O	|	|	|	|	3.77
349.417	0.00	0.01	0.725	O	|	|	|	|	3.76
349.500	0.00	0.01	0.725	O	|	|	|	|	3.76
349.583	0.00	0.01	0.725	O	|	|	|	|	3.76
349.667	0.00	0.01	0.725	O	|	|	|	|	3.76

349.750	0.00	0.01	0.725	O	|	|	|	3.76
349.833	0.00	0.01	0.725	O	|	|	|	3.76
349.917	0.00	0.01	0.724	O	|	|	|	3.76
350.000	0.00	0.01	0.724	O	|	|	|	3.76
350.083	0.00	0.01	0.724	O	|	|	|	3.76
350.167	0.00	0.01	0.724	O	|	|	|	3.76
350.250	0.00	0.01	0.724	O	|	|	|	3.76
350.333	0.00	0.01	0.724	O	|	|	|	3.76
350.417	0.00	0.01	0.724	O	|	|	|	3.76
350.500	0.00	0.01	0.724	O	|	|	|	3.76
350.583	0.00	0.01	0.724	O	|	|	|	3.76
350.667	0.00	0.01	0.724	O	|	|	|	3.76
350.750	0.00	0.01	0.724	O	|	|	|	3.76
350.833	0.00	0.01	0.724	O	|	|	|	3.76
350.917	0.00	0.01	0.724	O	|	|	|	3.76
351.000	0.00	0.01	0.724	O	|	|	|	3.76
351.083	0.00	0.01	0.723	O	|	|	|	3.76
351.167	0.00	0.01	0.723	O	|	|	|	3.76
351.250	0.00	0.01	0.723	O	|	|	|	3.76
351.333	0.00	0.01	0.723	O	|	|	|	3.76
351.417	0.00	0.01	0.723	O	|	|	|	3.76
351.500	0.00	0.01	0.723	O	|	|	|	3.76
351.583	0.00	0.01	0.723	O	|	|	|	3.76
351.667	0.00	0.01	0.723	O	|	|	|	3.76
351.750	0.00	0.01	0.723	O	|	|	|	3.75
351.833	0.00	0.01	0.723	O	|	|	|	3.75
351.917	0.00	0.01	0.723	O	|	|	|	3.75
352.000	0.00	0.01	0.723	O	|	|	|	3.75
352.083	0.00	0.01	0.723	O	|	|	|	3.75
352.167	0.00	0.01	0.723	O	|	|	|	3.75
352.250	0.00	0.01	0.723	O	|	|	|	3.75
352.333	0.00	0.01	0.722	O	|	|	|	3.75
352.417	0.00	0.01	0.722	O	|	|	|	3.75
352.500	0.00	0.01	0.722	O	|	|	|	3.75
352.583	0.00	0.01	0.722	O	|	|	|	3.75
352.667	0.00	0.01	0.722	O	|	|	|	3.75
352.750	0.00	0.01	0.722	O	|	|	|	3.75
352.833	0.00	0.01	0.722	O	|	|	|	3.75
352.917	0.00	0.01	0.722	O	|	|	|	3.75
353.000	0.00	0.01	0.722	O	|	|	|	3.75
353.083	0.00	0.01	0.722	O	|	|	|	3.75
353.167	0.00	0.01	0.722	O	|	|	|	3.75
353.250	0.00	0.01	0.722	O	|	|	|	3.75
353.333	0.00	0.01	0.722	O	|	|	|	3.75
353.417	0.00	0.01	0.722	O	|	|	|	3.75
353.500	0.00	0.01	0.721	O	|	|	|	3.75
353.583	0.00	0.01	0.721	O	|	|	|	3.75
353.667	0.00	0.01	0.721	O	|	|	|	3.75
353.750	0.00	0.01	0.721	O	|	|	|	3.75
353.833	0.00	0.01	0.721	O	|	|	|	3.75
353.917	0.00	0.01	0.721	O	|	|	|	3.75
354.000	0.00	0.01	0.721	O	|	|	|	3.75
354.083	0.00	0.01	0.721	O	|	|	|	3.74
354.167	0.00	0.01	0.721	O	|	|	|	3.74
354.250	0.00	0.01	0.721	O	|	|	|	3.74
354.333	0.00	0.01	0.721	O	|	|	|	3.74
354.417	0.00	0.01	0.721	O	|	|	|	3.74

354.500	0.00	0.01	0.721	O				3.74
354.583	0.00	0.01	0.721	O				3.74
354.667	0.00	0.01	0.721	O				3.74
354.750	0.00	0.01	0.720	O				3.74
354.833	0.00	0.01	0.720	O				3.74
354.917	0.00	0.01	0.720	O				3.74
355.000	0.00	0.01	0.720	O				3.74
355.083	0.00	0.01	0.720	O				3.74
355.167	0.00	0.01	0.720	O				3.74
355.250	0.00	0.01	0.720	O				3.74
355.333	0.00	0.01	0.720	O				3.74
355.417	0.00	0.01	0.720	O				3.74
355.500	0.00	0.01	0.720	O				3.74
355.583	0.00	0.01	0.720	O				3.74
355.667	0.00	0.01	0.720	O				3.74
355.750	0.00	0.01	0.720	O				3.74
355.833	0.00	0.01	0.720	O				3.74
355.917	0.00	0.01	0.719	O				3.74
356.000	0.00	0.01	0.719	O				3.74
356.083	0.00	0.01	0.719	O				3.74
356.167	0.00	0.01	0.719	O				3.74
356.250	0.00	0.01	0.719	O				3.74
356.333	0.00	0.01	0.719	O				3.74
356.417	0.00	0.01	0.719	O				3.73
356.500	0.00	0.01	0.719	O				3.73
356.583	0.00	0.01	0.719	O				3.73
356.667	0.00	0.01	0.719	O				3.73
356.750	0.00	0.01	0.719	O				3.73
356.833	0.00	0.01	0.719	O				3.73
356.917	0.00	0.01	0.719	O				3.73
357.000	0.00	0.01	0.719	O				3.73
357.083	0.00	0.01	0.719	O				3.73
357.167	0.00	0.01	0.718	O				3.73
357.250	0.00	0.01	0.718	O				3.73
357.333	0.00	0.01	0.718	O				3.73
357.417	0.00	0.01	0.718	O				3.73
357.500	0.00	0.01	0.718	O				3.73
357.583	0.00	0.01	0.718	O				3.73
357.667	0.00	0.01	0.718	O				3.73
357.750	0.00	0.01	0.718	O				3.73
357.833	0.00	0.01	0.718	O				3.73
357.917	0.00	0.01	0.718	O				3.73
358.000	0.00	0.01	0.718	O				3.73
358.083	0.00	0.01	0.718	O				3.73
358.167	0.00	0.01	0.718	O				3.73
358.250	0.00	0.01	0.718	O				3.73
358.333	0.00	0.01	0.717	O				3.73
358.417	0.00	0.01	0.717	O				3.73
358.500	0.00	0.01	0.717	O				3.73
358.583	0.00	0.01	0.717	O				3.73
358.667	0.00	0.01	0.717	O				3.73
358.750	0.00	0.01	0.717	O				3.72
358.833	0.00	0.01	0.717	O				3.72
358.917	0.00	0.01	0.717	O				3.72
359.000	0.00	0.01	0.717	O				3.72
359.083	0.00	0.01	0.717	O				3.72
359.167	0.00	0.01	0.717	O				3.72

359.250	0.00	0.01	0.717	O	|	|	|	|	3.72
359.333	0.00	0.01	0.717	O	|	|	|	|	3.72
359.417	0.00	0.01	0.717	O	|	|	|	|	3.72
359.500	0.00	0.01	0.717	O	|	|	|	|	3.72
359.583	0.00	0.01	0.716	O	|	|	|	|	3.72
359.667	0.00	0.01	0.716	O	|	|	|	|	3.72
359.750	0.00	0.01	0.716	O	|	|	|	|	3.72
359.833	0.00	0.01	0.716	O	|	|	|	|	3.72
359.917	0.00	0.01	0.716	O	|	|	|	|	3.72
360.000	0.00	0.01	0.716	O	|	|	|	|	3.72
360.083	0.00	0.01	0.716	O	|	|	|	|	3.72
360.167	0.00	0.01	0.716	O	|	|	|	|	3.72
360.250	0.00	0.01	0.716	O	|	|	|	|	3.72
360.333	0.00	0.01	0.716	O	|	|	|	|	3.72
360.417	0.00	0.01	0.716	O	|	|	|	|	3.72
360.500	0.00	0.01	0.716	O	|	|	|	|	3.72
360.583	0.00	0.01	0.716	O	|	|	|	|	3.72
360.667	0.00	0.01	0.716	O	|	|	|	|	3.72
360.750	0.00	0.01	0.715	O	|	|	|	|	3.72
360.833	0.00	0.01	0.715	O	|	|	|	|	3.72
360.917	0.00	0.01	0.715	O	|	|	|	|	3.72
361.000	0.00	0.01	0.715	O	|	|	|	|	3.71
361.083	0.00	0.01	0.715	O	|	|	|	|	3.71
361.167	0.00	0.01	0.715	O	|	|	|	|	3.71
361.250	0.00	0.01	0.715	O	|	|	|	|	3.71
361.333	0.00	0.01	0.715	O	|	|	|	|	3.71
361.417	0.00	0.01	0.715	O	|	|	|	|	3.71
361.500	0.00	0.01	0.715	O	|	|	|	|	3.71
361.583	0.00	0.01	0.715	O	|	|	|	|	3.71
361.667	0.00	0.01	0.715	O	|	|	|	|	3.71
361.750	0.00	0.01	0.715	O	|	|	|	|	3.71
361.833	0.00	0.01	0.715	O	|	|	|	|	3.71
361.917	0.00	0.01	0.715	O	|	|	|	|	3.71
362.000	0.00	0.01	0.714	O	|	|	|	|	3.71
362.083	0.00	0.01	0.714	O	|	|	|	|	3.71
362.167	0.00	0.01	0.714	O	|	|	|	|	3.71
362.250	0.00	0.01	0.714	O	|	|	|	|	3.71
362.333	0.00	0.01	0.714	O	|	|	|	|	3.71
362.417	0.00	0.01	0.714	O	|	|	|	|	3.71
362.500	0.00	0.01	0.714	O	|	|	|	|	3.71
362.583	0.00	0.01	0.714	O	|	|	|	|	3.71
362.667	0.00	0.01	0.714	O	|	|	|	|	3.71
362.750	0.00	0.01	0.714	O	|	|	|	|	3.71
362.833	0.00	0.01	0.714	O	|	|	|	|	3.71
362.917	0.00	0.01	0.714	O	|	|	|	|	3.71
363.000	0.00	0.01	0.714	O	|	|	|	|	3.71
363.083	0.00	0.01	0.714	O	|	|	|	|	3.71
363.167	0.00	0.01	0.713	O	|	|	|	|	3.71
363.250	0.00	0.01	0.713	O	|	|	|	|	3.71
363.333	0.00	0.01	0.713	O	|	|	|	|	3.70
363.417	0.00	0.01	0.713	O	|	|	|	|	3.70
363.500	0.00	0.01	0.713	O	|	|	|	|	3.70
363.583	0.00	0.01	0.713	O	|	|	|	|	3.70
363.667	0.00	0.01	0.713	O	|	|	|	|	3.70
363.750	0.00	0.01	0.713	O	|	|	|	|	3.70
363.833	0.00	0.01	0.713	O	|	|	|	|	3.70
363.917	0.00	0.01	0.713	O	|	|	|	|	3.70

364.000	0.00	0.01	0.713	O	|	|	|	3.70
364.083	0.00	0.01	0.713	O	|	|	|	3.70
364.167	0.00	0.01	0.713	O	|	|	|	3.70
364.250	0.00	0.01	0.713	O	|	|	|	3.70
364.333	0.00	0.01	0.713	O	|	|	|	3.70
364.417	0.00	0.01	0.712	O	|	|	|	3.70
364.500	0.00	0.01	0.712	O	|	|	|	3.70
364.583	0.00	0.01	0.712	O	|	|	|	3.70
364.667	0.00	0.01	0.712	O	|	|	|	3.70
364.750	0.00	0.01	0.712	O	|	|	|	3.70
364.833	0.00	0.01	0.712	O	|	|	|	3.70
364.917	0.00	0.01	0.712	O	|	|	|	3.70
365.000	0.00	0.01	0.712	O	|	|	|	3.70
365.083	0.00	0.01	0.712	O	|	|	|	3.70
365.167	0.00	0.01	0.712	O	|	|	|	3.70
365.250	0.00	0.01	0.712	O	|	|	|	3.70
365.333	0.00	0.01	0.712	O	|	|	|	3.70
365.417	0.00	0.01	0.712	O	|	|	|	3.70
365.500	0.00	0.01	0.712	O	|	|	|	3.70
365.583	0.00	0.01	0.711	O	|	|	|	3.70
365.667	0.00	0.01	0.711	O	|	|	|	3.69
365.750	0.00	0.01	0.711	O	|	|	|	3.69
365.833	0.00	0.01	0.711	O	|	|	|	3.69
365.917	0.00	0.01	0.711	O	|	|	|	3.69
366.000	0.00	0.01	0.711	O	|	|	|	3.69
366.083	0.00	0.01	0.711	O	|	|	|	3.69
366.167	0.00	0.01	0.711	O	|	|	|	3.69
366.250	0.00	0.01	0.711	O	|	|	|	3.69
366.333	0.00	0.01	0.711	O	|	|	|	3.69
366.417	0.00	0.01	0.711	O	|	|	|	3.69
366.500	0.00	0.01	0.711	O	|	|	|	3.69
366.583	0.00	0.01	0.711	O	|	|	|	3.69
366.667	0.00	0.01	0.711	O	|	|	|	3.69
366.750	0.00	0.01	0.711	O	|	|	|	3.69
366.833	0.00	0.01	0.710	O	|	|	|	3.69
366.917	0.00	0.01	0.710	O	|	|	|	3.69
367.000	0.00	0.01	0.710	O	|	|	|	3.69
367.083	0.00	0.01	0.710	O	|	|	|	3.69
367.167	0.00	0.01	0.710	O	|	|	|	3.69
367.250	0.00	0.01	0.710	O	|	|	|	3.69
367.333	0.00	0.01	0.710	O	|	|	|	3.69
367.417	0.00	0.01	0.710	O	|	|	|	3.69
367.500	0.00	0.01	0.710	O	|	|	|	3.69
367.583	0.00	0.01	0.710	O	|	|	|	3.69
367.667	0.00	0.01	0.710	O	|	|	|	3.69
367.750	0.00	0.01	0.710	O	|	|	|	3.69
367.833	0.00	0.01	0.710	O	|	|	|	3.69
367.917	0.00	0.01	0.710	O	|	|	|	3.69
368.000	0.00	0.01	0.709	O	|	|	|	3.68
368.083	0.00	0.01	0.709	O	|	|	|	3.68
368.167	0.00	0.01	0.709	O	|	|	|	3.68
368.250	0.00	0.01	0.709	O	|	|	|	3.68
368.333	0.00	0.01	0.709	O	|	|	|	3.68
368.417	0.00	0.01	0.709	O	|	|	|	3.68
368.500	0.00	0.01	0.709	O	|	|	|	3.68
368.583	0.00	0.01	0.709	O	|	|	|	3.68
368.667	0.00	0.01	0.709	O	|	|	|	3.68

368.750	0.00	0.01	0.709	O	|	|	|	|	3.68
368.833	0.00	0.01	0.709	O	|	|	|	|	3.68
368.917	0.00	0.01	0.709	O	|	|	|	|	3.68
369.000	0.00	0.01	0.709	O	|	|	|	|	3.68
369.083	0.00	0.01	0.709	O	|	|	|	|	3.68
369.167	0.00	0.01	0.709	O	|	|	|	|	3.68
369.250	0.00	0.01	0.708	O	|	|	|	|	3.68
369.333	0.00	0.01	0.708	O	|	|	|	|	3.68
369.417	0.00	0.01	0.708	O	|	|	|	|	3.68
369.500	0.00	0.01	0.708	O	|	|	|	|	3.68
369.583	0.00	0.01	0.708	O	|	|	|	|	3.68
369.667	0.00	0.01	0.708	O	|	|	|	|	3.68
369.750	0.00	0.01	0.708	O	|	|	|	|	3.68
369.833	0.00	0.01	0.708	O	|	|	|	|	3.68
369.917	0.00	0.01	0.708	O	|	|	|	|	3.68
370.000	0.00	0.01	0.708	O	|	|	|	|	3.68
370.083	0.00	0.01	0.708	O	|	|	|	|	3.68
370.167	0.00	0.01	0.708	O	|	|	|	|	3.68
370.250	0.00	0.01	0.708	O	|	|	|	|	3.68
370.333	0.00	0.01	0.708	O	|	|	|	|	3.67
370.417	0.00	0.01	0.707	O	|	|	|	|	3.67
370.500	0.00	0.01	0.707	O	|	|	|	|	3.67
370.583	0.00	0.01	0.707	O	|	|	|	|	3.67
370.667	0.00	0.01	0.707	O	|	|	|	|	3.67
370.750	0.00	0.01	0.707	O	|	|	|	|	3.67
370.833	0.00	0.01	0.707	O	|	|	|	|	3.67
370.917	0.00	0.01	0.707	O	|	|	|	|	3.67
371.000	0.00	0.01	0.707	O	|	|	|	|	3.67
371.083	0.00	0.01	0.707	O	|	|	|	|	3.67
371.167	0.00	0.01	0.707	O	|	|	|	|	3.67
371.250	0.00	0.01	0.707	O	|	|	|	|	3.67
371.333	0.00	0.01	0.707	O	|	|	|	|	3.67
371.417	0.00	0.01	0.707	O	|	|	|	|	3.67
371.500	0.00	0.01	0.707	O	|	|	|	|	3.67
371.583	0.00	0.01	0.707	O	|	|	|	|	3.67
371.667	0.00	0.01	0.706	O	|	|	|	|	3.67
371.750	0.00	0.01	0.706	O	|	|	|	|	3.67
371.833	0.00	0.01	0.706	O	|	|	|	|	3.67
371.917	0.00	0.01	0.706	O	|	|	|	|	3.67
372.000	0.00	0.01	0.706	O	|	|	|	|	3.67
372.083	0.00	0.01	0.706	O	|	|	|	|	3.67
372.167	0.00	0.01	0.706	O	|	|	|	|	3.67
372.250	0.00	0.01	0.706	O	|	|	|	|	3.67
372.333	0.00	0.01	0.706	O	|	|	|	|	3.67
372.417	0.00	0.01	0.706	O	|	|	|	|	3.67
372.500	0.00	0.01	0.706	O	|	|	|	|	3.67
372.583	0.00	0.01	0.706	O	|	|	|	|	3.67
372.667	0.00	0.01	0.706	O	|	|	|	|	3.66
372.750	0.00	0.01	0.706	O	|	|	|	|	3.66
372.833	0.00	0.01	0.705	O	|	|	|	|	3.66
372.917	0.00	0.01	0.705	O	|	|	|	|	3.66
373.000	0.00	0.01	0.705	O	|	|	|	|	3.66
373.083	0.00	0.01	0.705	O	|	|	|	|	3.66
373.167	0.00	0.01	0.705	O	|	|	|	|	3.66
373.250	0.00	0.01	0.705	O	|	|	|	|	3.66
373.333	0.00	0.01	0.705	O	|	|	|	|	3.66
373.417	0.00	0.01	0.705	O	|	|	|	|	3.66

373.500	0.00	0.01	0.705	O	|	|	|	3.66
373.583	0.00	0.01	0.705	O	|	|	|	3.66
373.667	0.00	0.01	0.705	O	|	|	|	3.66
373.750	0.00	0.01	0.705	O	|	|	|	3.66
373.833	0.00	0.01	0.705	O	|	|	|	3.66
373.917	0.00	0.01	0.705	O	|	|	|	3.66
374.000	0.00	0.01	0.705	O	|	|	|	3.66
374.083	0.00	0.01	0.704	O	|	|	|	3.66
374.167	0.00	0.01	0.704	O	|	|	|	3.66
374.250	0.00	0.01	0.704	O	|	|	|	3.66
374.333	0.00	0.01	0.704	O	|	|	|	3.66
374.417	0.00	0.01	0.704	O	|	|	|	3.66
374.500	0.00	0.01	0.704	O	|	|	|	3.66
374.583	0.00	0.01	0.704	O	|	|	|	3.66
374.667	0.00	0.01	0.704	O	|	|	|	3.66
374.750	0.00	0.01	0.704	O	|	|	|	3.66
374.833	0.00	0.01	0.704	O	|	|	|	3.66
374.917	0.00	0.01	0.704	O	|	|	|	3.66
375.000	0.00	0.01	0.704	O	|	|	|	3.65
375.083	0.00	0.01	0.704	O	|	|	|	3.65
375.167	0.00	0.01	0.704	O	|	|	|	3.65
375.250	0.00	0.01	0.703	O	|	|	|	3.65
375.333	0.00	0.01	0.703	O	|	|	|	3.65
375.417	0.00	0.01	0.703	O	|	|	|	3.65
375.500	0.00	0.01	0.703	O	|	|	|	3.65
375.583	0.00	0.01	0.703	O	|	|	|	3.65
375.667	0.00	0.01	0.703	O	|	|	|	3.65
375.750	0.00	0.01	0.703	O	|	|	|	3.65
375.833	0.00	0.01	0.703	O	|	|	|	3.65
375.917	0.00	0.01	0.703	O	|	|	|	3.65
376.000	0.00	0.01	0.703	O	|	|	|	3.65
376.083	0.00	0.01	0.703	O	|	|	|	3.65
376.167	0.00	0.01	0.703	O	|	|	|	3.65
376.250	0.00	0.01	0.703	O	|	|	|	3.65
376.333	0.00	0.01	0.703	O	|	|	|	3.65
376.417	0.00	0.01	0.703	O	|	|	|	3.65
376.500	0.00	0.01	0.702	O	|	|	|	3.65
376.583	0.00	0.01	0.702	O	|	|	|	3.65
376.667	0.00	0.01	0.702	O	|	|	|	3.65
376.750	0.00	0.01	0.702	O	|	|	|	3.65
376.833	0.00	0.01	0.702	O	|	|	|	3.65
376.917	0.00	0.01	0.702	O	|	|	|	3.65
377.000	0.00	0.01	0.702	O	|	|	|	3.65
377.083	0.00	0.01	0.702	O	|	|	|	3.65
377.167	0.00	0.01	0.702	O	|	|	|	3.65
377.250	0.00	0.01	0.702	O	|	|	|	3.65
377.333	0.00	0.01	0.702	O	|	|	|	3.64
377.417	0.00	0.01	0.702	O	|	|	|	3.64
377.500	0.00	0.01	0.702	O	|	|	|	3.64
377.583	0.00	0.01	0.702	O	|	|	|	3.64
377.667	0.00	0.01	0.701	O	|	|	|	3.64
377.750	0.00	0.01	0.701	O	|	|	|	3.64
377.833	0.00	0.01	0.701	O	|	|	|	3.64
377.917	0.00	0.01	0.701	O	|	|	|	3.64
378.000	0.00	0.01	0.701	O	|	|	|	3.64
378.083	0.00	0.01	0.701	O	|	|	|	3.64
378.167	0.00	0.01	0.701	O	|	|	|	3.64

378.250	0.00	0.01	0.701	O	|	|	|	|	3.64
378.333	0.00	0.01	0.701	O	|	|	|	|	3.64
378.417	0.00	0.01	0.701	O	|	|	|	|	3.64
378.500	0.00	0.01	0.701	O	|	|	|	|	3.64
378.583	0.00	0.01	0.701	O	|	|	|	|	3.64
378.667	0.00	0.01	0.701	O	|	|	|	|	3.64
378.750	0.00	0.01	0.701	O	|	|	|	|	3.64
378.833	0.00	0.01	0.701	O	|	|	|	|	3.64
378.917	0.00	0.01	0.700	O	|	|	|	|	3.64
379.000	0.00	0.01	0.700	O	|	|	|	|	3.64
379.083	0.00	0.01	0.700	O	|	|	|	|	3.64
379.167	0.00	0.01	0.700	O	|	|	|	|	3.64
379.250	0.00	0.01	0.700	O	|	|	|	|	3.64
379.333	0.00	0.01	0.700	O	|	|	|	|	3.64
379.417	0.00	0.01	0.700	O	|	|	|	|	3.64
379.500	0.00	0.01	0.700	O	|	|	|	|	3.64
379.583	0.00	0.01	0.700	O	|	|	|	|	3.63
379.667	0.00	0.01	0.700	O	|	|	|	|	3.63
379.750	0.00	0.01	0.700	O	|	|	|	|	3.63
379.833	0.00	0.01	0.700	O	|	|	|	|	3.63
379.917	0.00	0.01	0.700	O	|	|	|	|	3.63
380.000	0.00	0.01	0.700	O	|	|	|	|	3.63
380.083	0.00	0.01	0.700	O	|	|	|	|	3.63
380.167	0.00	0.01	0.699	O	|	|	|	|	3.63
380.250	0.00	0.01	0.699	O	|	|	|	|	3.63
380.333	0.00	0.01	0.699	O	|	|	|	|	3.63
380.417	0.00	0.01	0.699	O	|	|	|	|	3.63
380.500	0.00	0.01	0.699	O	|	|	|	|	3.63
380.583	0.00	0.01	0.699	O	|	|	|	|	3.63
380.667	0.00	0.01	0.699	O	|	|	|	|	3.63
380.750	0.00	0.01	0.699	O	|	|	|	|	3.63
380.833	0.00	0.01	0.699	O	|	|	|	|	3.63
380.917	0.00	0.01	0.699	O	|	|	|	|	3.63
381.000	0.00	0.01	0.699	O	|	|	|	|	3.63
381.083	0.00	0.01	0.699	O	|	|	|	|	3.63
381.167	0.00	0.01	0.699	O	|	|	|	|	3.63
381.250	0.00	0.01	0.699	O	|	|	|	|	3.63
381.333	0.00	0.01	0.698	O	|	|	|	|	3.63
381.417	0.00	0.01	0.698	O	|	|	|	|	3.63
381.500	0.00	0.01	0.698	O	|	|	|	|	3.63
381.583	0.00	0.01	0.698	O	|	|	|	|	3.63
381.667	0.00	0.01	0.698	O	|	|	|	|	3.63
381.750	0.00	0.01	0.698	O	|	|	|	|	3.63
381.833	0.00	0.01	0.698	O	|	|	|	|	3.63
381.917	0.00	0.01	0.698	O	|	|	|	|	3.62
382.000	0.00	0.01	0.698	O	|	|	|	|	3.62
382.083	0.00	0.01	0.698	O	|	|	|	|	3.62
382.167	0.00	0.01	0.698	O	|	|	|	|	3.62
382.250	0.00	0.01	0.698	O	|	|	|	|	3.62
382.333	0.00	0.01	0.698	O	|	|	|	|	3.62
382.417	0.00	0.01	0.698	O	|	|	|	|	3.62
382.500	0.00	0.01	0.698	O	|	|	|	|	3.62
382.583	0.00	0.01	0.697	O	|	|	|	|	3.62
382.667	0.00	0.01	0.697	O	|	|	|	|	3.62
382.750	0.00	0.01	0.697	O	|	|	|	|	3.62
382.833	0.00	0.01	0.697	O	|	|	|	|	3.62
382.917	0.00	0.01	0.697	O	|	|	|	|	3.62

383.000	0.00	0.01	0.697	O					3.62
383.083	0.00	0.01	0.697	O					3.62
383.167	0.00	0.01	0.697	O					3.62
383.250	0.00	0.01	0.697	O					3.62
383.333	0.00	0.01	0.697	O					3.62
383.417	0.00	0.01	0.697	O					3.62
383.500	0.00	0.01	0.697	O					3.62
383.583	0.00	0.01	0.697	O					3.62
383.667	0.00	0.01	0.697	O					3.62
383.750	0.00	0.01	0.696	O					3.62
383.833	0.00	0.01	0.696	O					3.62
383.917	0.00	0.01	0.696	O					3.62
384.000	0.00	0.01	0.696	O					3.62
384.083	0.00	0.01	0.696	O					3.62
384.167	0.00	0.01	0.696	O					3.62
384.250	0.00	0.01	0.696	O					3.61
384.333	0.00	0.01	0.696	O					3.61
384.417	0.00	0.01	0.696	O					3.61
384.500	0.00	0.01	0.696	O					3.61
384.583	0.00	0.01	0.696	O					3.61
384.667	0.00	0.01	0.696	O					3.61
384.750	0.00	0.01	0.696	O					3.61
384.833	0.00	0.01	0.696	O					3.61
384.917	0.00	0.01	0.696	O					3.61
385.000	0.00	0.01	0.695	O					3.61
385.083	0.00	0.01	0.695	O					3.61
385.167	0.00	0.01	0.695	O					3.61
385.250	0.00	0.01	0.695	O					3.61
385.333	0.00	0.01	0.695	O					3.61
385.417	0.00	0.01	0.695	O					3.61
385.500	0.00	0.01	0.695	O					3.61
385.583	0.00	0.01	0.695	O					3.61
385.667	0.00	0.01	0.695	O					3.61
385.750	0.00	0.01	0.695	O					3.61
385.833	0.00	0.01	0.695	O					3.61
385.917	0.00	0.01	0.695	O					3.61
386.000	0.00	0.01	0.695	O					3.61
386.083	0.00	0.01	0.695	O					3.61
386.167	0.00	0.01	0.694	O					3.61
386.250	0.00	0.01	0.694	O					3.61
386.333	0.00	0.01	0.694	O					3.61
386.417	0.00	0.01	0.694	O					3.61
386.500	0.00	0.01	0.694	O					3.61
386.583	0.00	0.01	0.694	O					3.60
386.667	0.00	0.01	0.694	O					3.60
386.750	0.00	0.01	0.694	O					3.60
386.833	0.00	0.01	0.694	O					3.60
386.917	0.00	0.01	0.694	O					3.60
387.000	0.00	0.01	0.694	O					3.60
387.083	0.00	0.01	0.694	O					3.60
387.167	0.00	0.01	0.694	O					3.60
387.250	0.00	0.01	0.694	O					3.60
387.333	0.00	0.01	0.694	O					3.60
387.417	0.00	0.01	0.693	O					3.60
387.500	0.00	0.01	0.693	O					3.60
387.583	0.00	0.01	0.693	O					3.60
387.667	0.00	0.01	0.693	O					3.60

387.750	0.00	0.01	0.693	O					3.60
387.833	0.00	0.01	0.693	O					3.60
387.917	0.00	0.01	0.693	O					3.60
388.000	0.00	0.01	0.693	O					3.60
388.083	0.00	0.01	0.693	O					3.60
388.167	0.00	0.01	0.693	O					3.60
388.250	0.00	0.01	0.693	O					3.60
388.333	0.00	0.01	0.693	O					3.60
388.417	0.00	0.01	0.693	O					3.60
388.500	0.00	0.01	0.693	O					3.60
388.583	0.00	0.01	0.692	O					3.60
388.667	0.00	0.01	0.692	O					3.60
388.750	0.00	0.01	0.692	O					3.60
388.833	0.00	0.01	0.692	O					3.60
388.917	0.00	0.01	0.692	O					3.59
389.000	0.00	0.01	0.692	O					3.59
389.083	0.00	0.01	0.692	O					3.59
389.167	0.00	0.01	0.692	O					3.59
389.250	0.00	0.01	0.692	O					3.59
389.333	0.00	0.01	0.692	O					3.59
389.417	0.00	0.01	0.692	O					3.59
389.500	0.00	0.01	0.692	O					3.59
389.583	0.00	0.01	0.692	O					3.59
389.667	0.00	0.01	0.692	O					3.59
389.750	0.00	0.01	0.692	O					3.59
389.833	0.00	0.01	0.691	O					3.59
389.917	0.00	0.01	0.691	O					3.59
390.000	0.00	0.01	0.691	O					3.59
390.083	0.00	0.01	0.691	O					3.59
390.167	0.00	0.01	0.691	O					3.59
390.250	0.00	0.01	0.691	O					3.59
390.333	0.00	0.01	0.691	O					3.59
390.417	0.00	0.01	0.691	O					3.59
390.500	0.00	0.01	0.691	O					3.59
390.583	0.00	0.01	0.691	O					3.59
390.667	0.00	0.01	0.691	O					3.59
390.750	0.00	0.01	0.691	O					3.59
390.833	0.00	0.01	0.691	O					3.59
390.917	0.00	0.01	0.691	O					3.59
391.000	0.00	0.01	0.690	O					3.59
391.083	0.00	0.01	0.690	O					3.59
391.167	0.00	0.01	0.690	O					3.59
391.250	0.00	0.01	0.690	O					3.58
391.333	0.00	0.01	0.690	O					3.58
391.417	0.00	0.01	0.690	O					3.58
391.500	0.00	0.01	0.690	O					3.58
391.583	0.00	0.01	0.690	O					3.58
391.667	0.00	0.01	0.690	O					3.58
391.750	0.00	0.01	0.690	O					3.58
391.833	0.00	0.01	0.690	O					3.58
391.917	0.00	0.01	0.690	O					3.58
392.000	0.00	0.01	0.690	O					3.58
392.083	0.00	0.01	0.690	O					3.58
392.167	0.00	0.01	0.690	O					3.58
392.250	0.00	0.01	0.689	O					3.58
392.333	0.00	0.01	0.689	O					3.58
392.417	0.00	0.01	0.689	O					3.58

392.500	0.00	0.01	0.689	O	|	|	|	|	3.58
392.583	0.00	0.01	0.689	O	|	|	|	|	3.58
392.667	0.00	0.01	0.689	O	|	|	|	|	3.58
392.750	0.00	0.01	0.689	O	|	|	|	|	3.58
392.833	0.00	0.01	0.689	O	|	|	|	|	3.58
392.917	0.00	0.01	0.689	O	|	|	|	|	3.58
393.000	0.00	0.01	0.689	O	|	|	|	|	3.58
393.083	0.00	0.01	0.689	O	|	|	|	|	3.58
393.167	0.00	0.01	0.689	O	|	|	|	|	3.58
393.250	0.00	0.01	0.689	O	|	|	|	|	3.58
393.333	0.00	0.01	0.689	O	|	|	|	|	3.58
393.417	0.00	0.01	0.688	O	|	|	|	|	3.58
393.500	0.00	0.01	0.688	O	|	|	|	|	3.58
393.583	0.00	0.01	0.688	O	|	|	|	|	3.57
393.667	0.00	0.01	0.688	O	|	|	|	|	3.57
393.750	0.00	0.01	0.688	O	|	|	|	|	3.57
393.833	0.00	0.01	0.688	O	|	|	|	|	3.57
393.917	0.00	0.01	0.688	O	|	|	|	|	3.57
394.000	0.00	0.01	0.688	O	|	|	|	|	3.57
394.083	0.00	0.01	0.688	O	|	|	|	|	3.57
394.167	0.00	0.01	0.688	O	|	|	|	|	3.57
394.250	0.00	0.01	0.688	O	|	|	|	|	3.57
394.333	0.00	0.01	0.688	O	|	|	|	|	3.57
394.417	0.00	0.01	0.688	O	|	|	|	|	3.57
394.500	0.00	0.01	0.688	O	|	|	|	|	3.57
394.583	0.00	0.01	0.688	O	|	|	|	|	3.57
394.667	0.00	0.01	0.687	O	|	|	|	|	3.57
394.750	0.00	0.01	0.687	O	|	|	|	|	3.57
394.833	0.00	0.01	0.687	O	|	|	|	|	3.57
394.917	0.00	0.01	0.687	O	|	|	|	|	3.57
395.000	0.00	0.01	0.687	O	|	|	|	|	3.57
395.083	0.00	0.01	0.687	O	|	|	|	|	3.57
395.167	0.00	0.01	0.687	O	|	|	|	|	3.57
395.250	0.00	0.01	0.687	O	|	|	|	|	3.57
395.333	0.00	0.01	0.687	O	|	|	|	|	3.57
395.417	0.00	0.01	0.687	O	|	|	|	|	3.57
395.500	0.00	0.01	0.687	O	|	|	|	|	3.57
395.583	0.00	0.01	0.687	O	|	|	|	|	3.57
395.667	0.00	0.01	0.687	O	|	|	|	|	3.57
395.750	0.00	0.01	0.687	O	|	|	|	|	3.57
395.833	0.00	0.01	0.686	O	|	|	|	|	3.57
395.917	0.00	0.01	0.686	O	|	|	|	|	3.56
396.000	0.00	0.01	0.686	O	|	|	|	|	3.56
396.083	0.00	0.01	0.686	O	|	|	|	|	3.56
396.167	0.00	0.01	0.686	O	|	|	|	|	3.56
396.250	0.00	0.01	0.686	O	|	|	|	|	3.56
396.333	0.00	0.01	0.686	O	|	|	|	|	3.56
396.417	0.00	0.01	0.686	O	|	|	|	|	3.56
396.500	0.00	0.01	0.686	O	|	|	|	|	3.56
396.583	0.00	0.01	0.686	O	|	|	|	|	3.56
396.667	0.00	0.01	0.686	O	|	|	|	|	3.56
396.750	0.00	0.01	0.686	O	|	|	|	|	3.56
396.833	0.00	0.01	0.686	O	|	|	|	|	3.56
396.917	0.00	0.01	0.686	O	|	|	|	|	3.56
397.000	0.00	0.01	0.686	O	|	|	|	|	3.56
397.083	0.00	0.01	0.685	O	|	|	|	|	3.56
397.167	0.00	0.01	0.685	O	|	|	|	|	3.56

397.250	0.00	0.01	0.685	O					3.56
397.333	0.00	0.01	0.685	O					3.56
397.417	0.00	0.01	0.685	O					3.56
397.500	0.00	0.01	0.685	O					3.56
397.583	0.00	0.01	0.685	O					3.56
397.667	0.00	0.01	0.685	O					3.56
397.750	0.00	0.01	0.685	O					3.56
397.833	0.00	0.01	0.685	O					3.56
397.917	0.00	0.01	0.685	O					3.56
398.000	0.00	0.01	0.685	O					3.56
398.083	0.00	0.01	0.685	O					3.56
398.167	0.00	0.01	0.685	O					3.55
398.250	0.00	0.01	0.684	O					3.55
398.333	0.00	0.01	0.684	O					3.55
398.417	0.00	0.01	0.684	O					3.55
398.500	0.00	0.01	0.684	O					3.55
398.583	0.00	0.01	0.684	O					3.55
398.667	0.00	0.01	0.684	O					3.55
398.750	0.00	0.01	0.684	O					3.55
398.833	0.00	0.01	0.684	O					3.55
398.917	0.00	0.01	0.684	O					3.55
399.000	0.00	0.01	0.684	O					3.55
399.083	0.00	0.01	0.684	O					3.55
399.167	0.00	0.01	0.684	O					3.55
399.250	0.00	0.01	0.684	O					3.55
399.333	0.00	0.01	0.684	O					3.55
399.417	0.00	0.01	0.684	O					3.55
399.500	0.00	0.01	0.683	O					3.55
399.583	0.00	0.01	0.683	O					3.55
399.667	0.00	0.01	0.683	O					3.55
399.750	0.00	0.01	0.683	O					3.55
399.833	0.00	0.01	0.683	O					3.55
399.917	0.00	0.01	0.683	O					3.55
400.000	0.00	0.01	0.683	O					3.55
400.083	0.00	0.01	0.683	O					3.55
400.167	0.00	0.01	0.683	O					3.55
400.250	0.00	0.01	0.683	O					3.55
400.333	0.00	0.01	0.683	O					3.55
400.417	0.00	0.01	0.683	O					3.55
400.500	0.00	0.01	0.683	O					3.54
400.583	0.00	0.01	0.683	O					3.54
400.667	0.00	0.01	0.682	O					3.54
400.750	0.00	0.01	0.682	O					3.54
400.833	0.00	0.01	0.682	O					3.54
400.917	0.00	0.01	0.682	O					3.54
401.000	0.00	0.01	0.682	O					3.54
401.083	0.00	0.01	0.682	O					3.54
401.167	0.00	0.01	0.682	O					3.54
401.250	0.00	0.01	0.682	O					3.54
401.333	0.00	0.01	0.682	O					3.54
401.417	0.00	0.01	0.682	O					3.54
401.500	0.00	0.01	0.682	O					3.54
401.583	0.00	0.01	0.682	O					3.54
401.667	0.00	0.01	0.682	O					3.54
401.750	0.00	0.01	0.682	O					3.54
401.833	0.00	0.01	0.682	O					3.54
401.917	0.00	0.01	0.681	O					3.54

402.000	0.00	0.01	0.681	O	|	|	|	3.54
402.083	0.00	0.01	0.681	O	|	|	|	3.54
402.167	0.00	0.01	0.681	O	|	|	|	3.54
402.250	0.00	0.01	0.681	O	|	|	|	3.54
402.333	0.00	0.01	0.681	O	|	|	|	3.54
402.417	0.00	0.01	0.681	O	|	|	|	3.54
402.500	0.00	0.01	0.681	O	|	|	|	3.54
402.583	0.00	0.01	0.681	O	|	|	|	3.54
402.667	0.00	0.01	0.681	O	|	|	|	3.54
402.750	0.00	0.01	0.681	O	|	|	|	3.54
402.833	0.00	0.01	0.681	O	|	|	|	3.53
402.917	0.00	0.01	0.681	O	|	|	|	3.53
403.000	0.00	0.01	0.681	O	|	|	|	3.53
403.083	0.00	0.01	0.680	O	|	|	|	3.53
403.167	0.00	0.01	0.680	O	|	|	|	3.53
403.250	0.00	0.01	0.680	O	|	|	|	3.53
403.333	0.00	0.01	0.680	O	|	|	|	3.53
403.417	0.00	0.01	0.680	O	|	|	|	3.53
403.500	0.00	0.01	0.680	O	|	|	|	3.53
403.583	0.00	0.01	0.680	O	|	|	|	3.53
403.667	0.00	0.01	0.680	O	|	|	|	3.53
403.750	0.00	0.01	0.680	O	|	|	|	3.53
403.833	0.00	0.01	0.680	O	|	|	|	3.53
403.917	0.00	0.01	0.680	O	|	|	|	3.53
404.000	0.00	0.01	0.680	O	|	|	|	3.53
404.083	0.00	0.01	0.680	O	|	|	|	3.53
404.167	0.00	0.01	0.680	O	|	|	|	3.53
404.250	0.00	0.01	0.680	O	|	|	|	3.53
404.333	0.00	0.01	0.679	O	|	|	|	3.53
404.417	0.00	0.01	0.679	O	|	|	|	3.53
404.500	0.00	0.01	0.679	O	|	|	|	3.53
404.583	0.00	0.01	0.679	O	|	|	|	3.53
404.667	0.00	0.01	0.679	O	|	|	|	3.53
404.750	0.00	0.01	0.679	O	|	|	|	3.53
404.833	0.00	0.01	0.679	O	|	|	|	3.53
404.917	0.00	0.01	0.679	O	|	|	|	3.53
405.000	0.00	0.01	0.679	O	|	|	|	3.53
405.083	0.00	0.01	0.679	O	|	|	|	3.53
405.167	0.00	0.01	0.679	O	|	|	|	3.52
405.250	0.00	0.01	0.679	O	|	|	|	3.52
405.333	0.00	0.01	0.679	O	|	|	|	3.52
405.417	0.00	0.01	0.679	O	|	|	|	3.52
405.500	0.00	0.01	0.678	O	|	|	|	3.52
405.583	0.00	0.01	0.678	O	|	|	|	3.52
405.667	0.00	0.01	0.678	O	|	|	|	3.52
405.750	0.00	0.01	0.678	O	|	|	|	3.52
405.833	0.00	0.01	0.678	O	|	|	|	3.52
405.917	0.00	0.01	0.678	O	|	|	|	3.52
406.000	0.00	0.01	0.678	O	|	|	|	3.52
406.083	0.00	0.01	0.678	O	|	|	|	3.52
406.167	0.00	0.01	0.678	O	|	|	|	3.52
406.250	0.00	0.01	0.678	O	|	|	|	3.52
406.333	0.00	0.01	0.678	O	|	|	|	3.52
406.417	0.00	0.01	0.678	O	|	|	|	3.52
406.500	0.00	0.01	0.678	O	|	|	|	3.52
406.583	0.00	0.01	0.678	O	|	|	|	3.52
406.667	0.00	0.01	0.678	O	|	|	|	3.52

406.750	0.00	0.01	0.677	O					3.52
406.833	0.00	0.01	0.677	O					3.52
406.917	0.00	0.01	0.677	O					3.52
407.000	0.00	0.01	0.677	O					3.52
407.083	0.00	0.01	0.677	O					3.52
407.167	0.00	0.01	0.677	O					3.52
407.250	0.00	0.01	0.677	O					3.52
407.333	0.00	0.01	0.677	O					3.52
407.417	0.00	0.01	0.677	O					3.52
407.500	0.00	0.01	0.677	O					3.51
407.583	0.00	0.01	0.677	O					3.51
407.667	0.00	0.01	0.677	O					3.51
407.750	0.00	0.01	0.677	O					3.51
407.833	0.00	0.01	0.677	O					3.51
407.917	0.00	0.01	0.676	O					3.51
408.000	0.00	0.01	0.676	O					3.51
408.083	0.00	0.01	0.676	O					3.51
408.167	0.00	0.01	0.676	O					3.51
408.250	0.00	0.01	0.676	O					3.51
408.333	0.00	0.01	0.676	O					3.51
408.417	0.00	0.01	0.676	O					3.51
408.500	0.00	0.01	0.676	O					3.51
408.583	0.00	0.01	0.676	O					3.51
408.667	0.00	0.01	0.676	O					3.51
408.750	0.00	0.01	0.676	O					3.51
408.833	0.00	0.01	0.676	O					3.51
408.917	0.00	0.01	0.676	O					3.51
409.000	0.00	0.01	0.676	O					3.51
409.083	0.00	0.01	0.676	O					3.51
409.167	0.00	0.01	0.675	O					3.51
409.250	0.00	0.01	0.675	O					3.51
409.333	0.00	0.01	0.675	O					3.51
409.417	0.00	0.01	0.675	O					3.51
409.500	0.00	0.01	0.675	O					3.51
409.583	0.00	0.01	0.675	O					3.51
409.667	0.00	0.01	0.675	O					3.51
409.750	0.00	0.01	0.675	O					3.51
409.833	0.00	0.01	0.675	O					3.50
409.917	0.00	0.01	0.675	O					3.50
410.000	0.00	0.01	0.675	O					3.50
410.083	0.00	0.01	0.675	O					3.50
410.167	0.00	0.01	0.675	O					3.50
410.250	0.00	0.01	0.675	O					3.50
410.333	0.00	0.01	0.675	O					3.50
410.417	0.00	0.01	0.674	O					3.50
410.500	0.00	0.01	0.674	O					3.50
410.583	0.00	0.01	0.674	O					3.50
410.667	0.00	0.01	0.674	O					3.50
410.750	0.00	0.01	0.674	O					3.50
410.833	0.00	0.01	0.674	O					3.50
410.917	0.00	0.01	0.674	O					3.50
411.000	0.00	0.01	0.674	O					3.50
411.083	0.00	0.01	0.674	O					3.50
411.167	0.00	0.01	0.674	O					3.50
411.250	0.00	0.01	0.674	O					3.50
411.333	0.00	0.01	0.674	O					3.50
411.417	0.00	0.01	0.674	O					3.50

411.500	0.00	0.01	0.674	O	|	|	|	3.50
411.583	0.00	0.01	0.673	O	|	|	|	3.50
411.667	0.00	0.01	0.673	O	|	|	|	3.50
411.750	0.00	0.01	0.673	O	|	|	|	3.50
411.833	0.00	0.01	0.673	O	|	|	|	3.50
411.917	0.00	0.01	0.673	O	|	|	|	3.50
412.000	0.00	0.01	0.673	O	|	|	|	3.50
412.083	0.00	0.01	0.673	O	|	|	|	3.50
412.167	0.00	0.01	0.673	O	|	|	|	3.49
412.250	0.00	0.01	0.673	O	|	|	|	3.49
412.333	0.00	0.01	0.673	O	|	|	|	3.49
412.417	0.00	0.01	0.673	O	|	|	|	3.49
412.500	0.00	0.01	0.673	O	|	|	|	3.49
412.583	0.00	0.01	0.673	O	|	|	|	3.49
412.667	0.00	0.01	0.673	O	|	|	|	3.49
412.750	0.00	0.01	0.673	O	|	|	|	3.49
412.833	0.00	0.01	0.672	O	|	|	|	3.49
412.917	0.00	0.01	0.672	O	|	|	|	3.49
413.000	0.00	0.01	0.672	O	|	|	|	3.49
413.083	0.00	0.01	0.672	O	|	|	|	3.49
413.167	0.00	0.01	0.672	O	|	|	|	3.49
413.250	0.00	0.01	0.672	O	|	|	|	3.49
413.333	0.00	0.01	0.672	O	|	|	|	3.49
413.417	0.00	0.01	0.672	O	|	|	|	3.49
413.500	0.00	0.01	0.672	O	|	|	|	3.49
413.583	0.00	0.01	0.672	O	|	|	|	3.49
413.667	0.00	0.01	0.672	O	|	|	|	3.49
413.750	0.00	0.01	0.672	O	|	|	|	3.49
413.833	0.00	0.01	0.672	O	|	|	|	3.49
413.917	0.00	0.01	0.672	O	|	|	|	3.49
414.000	0.00	0.01	0.671	O	|	|	|	3.49
414.083	0.00	0.01	0.671	O	|	|	|	3.49
414.167	0.00	0.01	0.671	O	|	|	|	3.49
414.250	0.00	0.01	0.671	O	|	|	|	3.49
414.333	0.00	0.01	0.671	O	|	|	|	3.49
414.417	0.00	0.01	0.671	O	|	|	|	3.49
414.500	0.00	0.01	0.671	O	|	|	|	3.48
414.583	0.00	0.01	0.671	O	|	|	|	3.48
414.667	0.00	0.01	0.671	O	|	|	|	3.48
414.750	0.00	0.01	0.671	O	|	|	|	3.48
414.833	0.00	0.01	0.671	O	|	|	|	3.48
414.917	0.00	0.01	0.671	O	|	|	|	3.48
415.000	0.00	0.01	0.671	O	|	|	|	3.48
415.083	0.00	0.01	0.671	O	|	|	|	3.48
415.167	0.00	0.01	0.671	O	|	|	|	3.48
415.250	0.00	0.01	0.670	O	|	|	|	3.48
415.333	0.00	0.01	0.670	O	|	|	|	3.48
415.417	0.00	0.01	0.670	O	|	|	|	3.48
415.500	0.00	0.01	0.670	O	|	|	|	3.48
415.583	0.00	0.01	0.670	O	|	|	|	3.48
415.667	0.00	0.01	0.670	O	|	|	|	3.48
415.750	0.00	0.01	0.670	O	|	|	|	3.48
415.833	0.00	0.01	0.670	O	|	|	|	3.48
415.917	0.00	0.01	0.670	O	|	|	|	3.48
416.000	0.00	0.01	0.670	O	|	|	|	3.48
416.083	0.00	0.01	0.670	O	|	|	|	3.48
416.167	0.00	0.01	0.670	O	|	|	|	3.48

416.250	0.00	0.01	0.670	O	|	|	|	| 3.48
416.333	0.00	0.01	0.670	O	|	|	|	| 3.48
416.417	0.00	0.01	0.669	O	|	|	|	| 3.48
416.500	0.00	0.01	0.669	O	|	|	|	| 3.48
416.583	0.00	0.01	0.669	O	|	|	|	| 3.48
416.667	0.00	0.01	0.669	O	|	|	|	| 3.48

Remaining water in basin = 0.67 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.800 (CFS)
Total volume = 3.063 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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FLOOD HYDROGRAPH ROUTING PROGRAM

Study date: 11/12/20

The Cottonwood Flood Routing
10-Year-24 Hour Event

Program License Serial Number 6194

********** HYDROGRAPH INFORMATION **********

From study/file name: cottonwoodprop2410.rte
**********HYDROGRAPH DATA**********
Number of intervals = 294
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 7.333 (CFS)
Total volume = 4.463 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 294
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.01(Ft.)

Initial basin depth = 0.01 (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
0.000	0.001	0.001	0.001	0.001

1.000	0.193	0.001	0.193	0.193
2.000	0.385	0.001	0.385	0.385
3.000	0.578	0.010	0.578	0.578
4.000	0.770	0.010	0.770	0.770
5.000	0.963	0.010	0.963	0.963
6.000	1.156	0.800	1.153	1.159
7.000	1.692	0.800	1.689	1.695
8.000	2.265	0.800	2.262	2.268
9.000	2.875	0.800	2.872	2.878
10.000	3.524	0.800	3.521	3.527
11.000	4.212	0.800	4.209	4.215
12.000	4.939	0.800	4.936	4.942
13.000	5.706	0.800	5.703	5.709
14.000	6.534	0.800	6.531	6.537

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 1.8 3.67 5.50 7.33	Depth (Ft.)
0.083	0.12	0.00	0.003	O	0.01
0.167	0.33	0.00	0.005	OI	0.02
0.250	0.38	0.00	0.007	OI	0.03
0.333	0.46	0.00	0.010	O I	0.05
0.417	0.58	0.00	0.014	O I	0.07
0.500	0.62	0.00	0.018	O I	0.09
0.583	0.64	0.00	0.022	O I	0.11
0.667	0.64	0.00	0.027	O I	0.13
0.750	0.65	0.00	0.031	O I	0.16
0.833	0.71	0.00	0.036	O I	0.18
0.917	0.81	0.00	0.041	O I	0.21
1.000	0.84	0.00	0.047	O I	0.24
1.083	0.79	0.00	0.052	O I	0.27
1.167	0.69	0.00	0.057	O I	0.29
1.250	0.67	0.00	0.062	O I	0.32
1.333	0.66	0.00	0.067	O I	0.34
1.417	0.65	0.00	0.071	O I	0.36
1.500	0.65	0.00	0.076	O I	0.39
1.583	0.65	0.00	0.080	O I	0.41
1.667	0.65	0.00	0.084	O I	0.43
1.750	0.65	0.00	0.089	O I	0.46
1.833	0.71	0.00	0.094	O I	0.48
1.917	0.81	0.00	0.099	O I	0.51
2.000	0.84	0.00	0.104	O I	0.54
2.083	0.85	0.00	0.110	O I	0.57
2.167	0.86	0.00	0.116	O I	0.60
2.250	0.86	0.00	0.122	O I	0.63
2.333	0.86	0.00	0.128	O I	0.66
2.417	0.86	0.00	0.134	O I	0.69
2.500	0.86	0.00	0.140	O I	0.72
2.583	0.92	0.00	0.146	O I	0.76
2.667	1.03	0.00	0.153	O I	0.79
2.750	1.05	0.00	0.160	O I	0.83
2.833	1.07	0.00	0.167	O I	0.87
2.917	1.07	0.00	0.175	O I	0.90

3.000	1.08	0.00	0.182	O	I	|	|	|	0.94
3.083	1.08	0.00	0.189	O	I	|	|	|	0.98
3.167	1.08	0.00	0.197	O	I	|	|	|	1.02
3.250	1.08	0.00	0.204	O	I	|	|	|	1.06
3.333	1.08	0.00	0.212	O	I	|	|	|	1.10
3.417	1.08	0.00	0.219	O	I	|	|	|	1.14
3.500	1.08	0.00	0.227	O	I	|	|	|	1.17
3.583	1.08	0.00	0.234	O	I	|	|	|	1.21
3.667	1.08	0.00	0.241	O	I	|	|	|	1.25
3.750	1.08	0.00	0.249	O	I	|	|	|	1.29
3.833	1.14	0.00	0.256	O	I	|	|	|	1.33
3.917	1.24	0.00	0.265	O	I	|	|	|	1.37
4.000	1.27	0.00	0.273	O	I	|	|	|	1.42
4.083	1.28	0.00	0.282	O	I	|	|	|	1.46
4.167	1.29	0.00	0.291	O	I	|	|	|	1.51
4.250	1.29	0.00	0.300	O	I	|	|	|	1.56
4.333	1.35	0.00	0.309	O	I	|	|	|	1.60
4.417	1.46	0.00	0.319	O	I	|	|	|	1.65
4.500	1.49	0.00	0.329	O	I	|	|	|	1.71
4.583	1.50	0.00	0.339	O	I	|	|	|	1.76
4.667	1.51	0.00	0.349	O	I	|	|	|	1.81
4.750	1.51	0.00	0.360	O	I	|	|	|	1.87
4.833	1.57	0.00	0.370	O	I	|	|	|	1.92
4.917	1.68	0.00	0.382	O	I	|	|	|	1.98
5.000	1.70	0.00	0.393	O	I	|	|	|	2.04
5.083	1.60	0.00	0.405	O	I	|	|	|	2.10
5.167	1.40	0.00	0.415	O	I	|	|	|	2.15
5.250	1.34	0.00	0.424	O	I	|	|	|	2.20
5.333	1.38	0.00	0.434	O	I	|	|	|	2.25
5.417	1.47	0.00	0.443	O	I	|	|	|	2.30
5.500	1.49	0.00	0.454	O	I	|	|	|	2.36
5.583	1.56	0.00	0.464	O	I	|	|	|	2.41
5.667	1.67	0.01	0.475	O	I	|	|	|	2.47
5.750	1.70	0.01	0.487	O	I	|	|	|	2.53
5.833	1.72	0.01	0.498	O	I	|	|	|	2.59
5.917	1.72	0.01	0.510	O	I	|	|	|	2.65
6.000	1.73	0.01	0.522	O	I	|	|	|	2.71
6.083	1.79	0.01	0.534	O	I	|	|	|	2.77
6.167	1.89	0.01	0.547	O	I	|	|	|	2.84
6.250	1.92	0.01	0.560	O	I	|	|	|	2.91
6.333	1.93	0.01	0.573	O	I	|	|	|	2.97
6.417	1.94	0.01	0.586	O	I	|	|	|	3.04
6.500	1.94	0.01	0.599	O	I	|	|	|	3.11
6.583	2.00	0.01	0.613	O	I	|	|	|	3.18
6.667	2.11	0.01	0.627	O	I	|	|	|	3.26
6.750	2.13	0.01	0.642	O	I	|	|	|	3.33
6.833	2.15	0.01	0.656	O	I	|	|	|	3.41
6.917	2.15	0.01	0.671	O	I	|	|	|	3.48
7.000	2.16	0.01	0.686	O	I	|	|	|	3.56
7.083	2.16	0.01	0.701	O	I	|	|	|	3.64
7.167	2.16	0.01	0.715	O	I	|	|	|	3.72
7.250	2.16	0.01	0.730	O	I	|	|	|	3.79
7.333	2.22	0.01	0.745	O	I	|	|	|	3.87
7.417	2.32	0.01	0.761	O	I	|	|	|	3.95
7.500	2.35	0.01	0.777	O	I	|	|	|	4.04
7.583	2.42	0.01	0.793	O	I	|	|	|	4.12
7.667	2.53	0.01	0.810	O	I	|	|	|	4.21

7.750	2.56	0.01	0.828	O	I			4.30
7.833	2.64	0.01	0.845	O	I			4.39
7.917	2.75	0.01	0.864	O	I			4.49
8.000	2.78	0.01	0.883	O	I			4.59
8.083	2.91	0.01	0.902	O	I			4.69
8.167	3.13	0.01	0.923	O	I			4.79
8.250	3.19	0.01	0.945	O	I			4.91
8.333	3.21	0.03	0.967	O	I			5.02
8.417	3.23	0.11	0.989	O	I			5.13
8.500	3.24	0.20	1.010	O	I			5.24
8.583	3.30	0.29	1.030	O	I			5.35
8.667	3.40	0.37	1.051	O	I			5.46
8.750	3.43	0.46	1.072	O	I			5.56
8.833	3.50	0.54	1.092	O	I			5.67
8.917	3.61	0.62	1.113	O	I			5.78
9.000	3.64	0.71	1.133	O	I			5.88
9.083	3.78	0.79	1.154	O	I			5.99
9.167	3.99	0.80	1.175	O	I			6.04
9.250	4.05	0.80	1.197	O	I			6.08
9.333	4.14	0.80	1.220	O	I			6.12
9.417	4.25	0.80	1.243	O	I			6.16
9.500	4.29	0.80	1.267	O	I			6.21
9.583	4.37	0.80	1.291	O	I			6.25
9.667	4.48	0.80	1.316	O	I			6.30
9.750	4.51	0.80	1.342	O	I			6.35
9.833	4.58	0.80	1.368	O	I			6.39
9.917	4.69	0.80	1.394	O	I			6.44
10.000	4.72	0.80	1.421	O	I			6.49
10.083	4.33	0.80	1.447	O	I			6.54
10.167	3.61	0.80	1.468	O	I			6.58
10.250	3.42	0.80	1.487	O	I			6.62
10.333	3.33	0.80	1.505	O	I			6.65
10.417	3.28	0.80	1.522	O	I			6.68
10.500	3.26	0.80	1.539	O	I			6.71
10.583	3.53	0.80	1.557	O	I			6.75
10.667	4.05	0.80	1.578	O	I			6.79
10.750	4.19	0.80	1.600	O	I			6.83
10.833	4.26	0.80	1.624	O	I			6.87
10.917	4.29	0.80	1.648	O	I			6.92
11.000	4.31	0.80	1.672	O	I			6.96
11.083	4.26	0.80	1.696	O	I			7.01
11.167	4.16	0.80	1.720	O	I			7.05
11.250	4.13	0.80	1.743	O	I			7.09
11.333	4.12	0.80	1.765	O	I			7.13
11.417	4.11	0.80	1.788	O	I			7.17
11.500	4.11	0.80	1.811	O	I			7.21
11.583	3.99	0.80	1.833	O	I			7.25
11.667	3.78	0.80	1.855	O	I			7.28
11.750	3.72	0.80	1.875	O	I			7.32
11.833	3.76	0.80	1.895	O	I			7.35
11.917	3.85	0.80	1.916	O	I			7.39
12.000	3.87	0.80	1.937	O	I			7.43
12.083	4.28	0.80	1.960	O	I			7.47
12.167	5.02	0.80	1.986	O	I			7.51
12.250	5.22	0.80	2.016	O	I			7.57
12.333	5.37	0.80	2.047	O	I			7.62
12.417	5.52	0.80	2.079	O	I			7.67

12.500	5.57	0.80	2.111	O		I		7.73
12.583	5.72	0.80	2.145	O		I		7.79
12.667	5.94	0.80	2.179	O		I		7.85
12.750	6.00	0.80	2.215	O		I		7.91
12.833	6.08	0.80	2.251	O		I		7.98
12.917	6.20	0.80	2.288	O		I		8.04
13.000	6.23	0.80	2.325	O		I		8.10
13.083	6.54	0.80	2.364	O		I		8.16
13.167	7.07	0.80	2.405	O		I		8.23
13.250	7.21	0.80	2.449	O		I		8.30
13.333	7.28	0.80	2.493	O		I		8.37
13.417	7.31	0.80	2.538	O		I		8.45
13.500	7.33	0.80	2.583	O		I		8.52
13.583	6.70	0.80	2.626	O		I		8.59
13.667	5.55	0.80	2.662	O		I		8.65
13.750	5.25	0.80	2.694	O		I		8.70
13.833	5.11	0.80	2.724	O		I		8.75
13.917	5.04	0.80	2.754	O		I		8.80
14.000	4.99	0.80	2.783	O		I		8.85
14.083	5.20	0.80	2.812	O		I		8.90
14.167	5.62	0.80	2.844	O		I		8.95
14.250	5.73	0.80	2.878	O		I		9.00
14.333	5.72	0.80	2.911	O		I		9.06
14.417	5.64	0.80	2.945	O		I		9.11
14.500	5.63	0.80	2.978	O		I		9.16
14.583	5.63	0.80	3.012	O		I		9.21
14.667	5.62	0.80	3.045	O		I		9.26
14.750	5.62	0.80	3.078	O		I		9.31
14.833	5.56	0.80	3.111	O		I		9.36
14.917	5.45	0.80	3.144	O		I		9.41
15.000	5.43	0.80	3.175	O		I		9.46
15.083	5.35	0.80	3.207	O		I		9.51
15.167	5.24	0.80	3.238	O		I		9.56
15.250	5.21	0.80	3.269	O		I		9.61
15.333	5.14	0.80	3.299	O		I		9.65
15.417	5.03	0.80	3.328	O		I		9.70
15.500	5.00	0.80	3.357	O		I		9.74
15.583	4.75	0.80	3.385	O		I		9.79
15.667	4.32	0.80	3.411	O	I			9.83
15.750	4.21	0.80	3.435	O	I			9.86
15.833	4.16	0.80	3.458	O	I			9.90
15.917	4.13	0.80	3.481	O	I			9.93
16.000	4.11	0.80	3.504	O	I			9.97
16.083	3.23	0.80	3.524	O	I			10.00
16.167	1.66	0.80	3.535	O I				10.02
16.250	1.25	0.80	3.540	O I				10.02
16.333	1.06	0.80	3.542	OI				10.03
16.417	0.96	0.80	3.543	OI				10.03
16.500	0.90	0.80	3.544	O				10.03
16.583	0.81	0.80	3.545	O				10.03
16.667	0.70	0.80	3.544	O				10.03
16.750	0.67	0.80	3.544	IO				10.03
16.833	0.66	0.80	3.543	IO				10.03
16.917	0.65	0.80	3.542	IO				10.03
17.000	0.65	0.80	3.541	IO				10.02
17.083	0.76	0.80	3.540	O				10.02
17.167	0.97	0.80	3.541	OI				10.02

17.250	1.03	0.80	3.542	OI				10.03
17.333	1.05	0.80	3.544	OI				10.03
17.417	1.07	0.80	3.545	OI				10.03
17.500	1.08	0.80	3.547	OI				10.03
17.583	1.08	0.80	3.549	OI				10.04
17.667	1.08	0.80	3.551	OI				10.04
17.750	1.08	0.80	3.553	OI				10.04
17.833	1.02	0.80	3.555	OI				10.04
17.917	0.92	0.80	3.556	OI				10.05
18.000	0.89	0.80	3.557	O				10.05
18.083	0.88	0.80	3.557	O				10.05
18.167	0.87	0.80	3.558	O				10.05
18.250	0.87	0.80	3.558	O				10.05
18.333	0.86	0.80	3.559	O				10.05
18.417	0.86	0.80	3.559	O				10.05
18.500	0.86	0.80	3.559	O				10.05
18.583	0.81	0.80	3.560	O				10.05
18.667	0.70	0.80	3.559	O				10.05
18.750	0.67	0.80	3.559	IO				10.05
18.833	0.60	0.80	3.558	IO				10.05
18.917	0.49	0.80	3.556	IO				10.05
19.000	0.46	0.80	3.554	IO				10.04
19.083	0.50	0.80	3.551	IO				10.04
19.167	0.60	0.80	3.550	IO				10.04
19.250	0.62	0.80	3.548	IO				10.04
19.333	0.69	0.80	3.547	O				10.03
19.417	0.80	0.80	3.547	O				10.03
19.500	0.84	0.80	3.547	O				10.03
19.583	0.79	0.80	3.547	O				10.03
19.667	0.69	0.80	3.547	O				10.03
19.750	0.67	0.80	3.546	IO				10.03
19.833	0.60	0.80	3.545	IO				10.03
19.917	0.49	0.80	3.543	IO				10.03
20.000	0.46	0.80	3.541	IO				10.02
20.083	0.50	0.80	3.539	IO				10.02
20.167	0.60	0.80	3.537	IO				10.02
20.250	0.62	0.80	3.536	IO				10.02
20.333	0.64	0.80	3.535	IO				10.02
20.417	0.64	0.80	3.534	IO				10.01
20.500	0.65	0.80	3.532	IO				10.01
20.583	0.65	0.80	3.531	IO				10.01
20.667	0.65	0.80	3.530	IO				10.01
20.750	0.65	0.80	3.529	IO				10.01
20.833	0.59	0.80	3.528	IO				10.01
20.917	0.49	0.80	3.526	IO				10.00
21.000	0.46	0.80	3.524	I O				10.00
21.083	0.50	0.80	3.522	IO				10.00
21.167	0.60	0.80	3.520	IO				9.99
21.250	0.62	0.80	3.519	IO				9.99
21.333	0.58	0.80	3.517	IO				9.99
21.417	0.48	0.80	3.516	IO				9.99
21.500	0.46	0.80	3.513	I O				9.98
21.583	0.50	0.80	3.511	IO				9.98
21.667	0.60	0.80	3.509	IO				9.98
21.750	0.62	0.80	3.508	IO				9.98
21.833	0.58	0.80	3.507	IO				9.97
21.917	0.48	0.80	3.505	IO				9.97

22.000	0.46	0.80	3.502	I O				9.97
22.083	0.50	0.80	3.500	IO				9.96
22.167	0.60	0.80	3.499	IO				9.96
22.250	0.62	0.80	3.497	IO				9.96
22.333	0.58	0.80	3.496	IO				9.96
22.417	0.48	0.80	3.494	IO				9.95
22.500	0.46	0.80	3.492	I O				9.95
22.583	0.44	0.80	3.489	I O				9.95
22.667	0.44	0.80	3.487	I O				9.94
22.750	0.43	0.80	3.484	I O				9.94
22.833	0.43	0.80	3.482	I O				9.94
22.917	0.43	0.80	3.479	I O				9.93
23.000	0.43	0.80	3.477	I O				9.93
23.083	0.43	0.80	3.474	I O				9.92
23.167	0.43	0.80	3.472	I O				9.92
23.250	0.43	0.80	3.469	I O				9.92
23.333	0.43	0.80	3.467	I O				9.91
23.417	0.43	0.80	3.464	I O				9.91
23.500	0.43	0.80	3.462	I O				9.90
23.583	0.43	0.80	3.459	I O				9.90
23.667	0.43	0.80	3.456	I O				9.90
23.750	0.43	0.80	3.454	I O				9.89
23.833	0.43	0.80	3.451	I O				9.89
23.917	0.43	0.80	3.449	I O				9.88
24.000	0.43	0.80	3.446	I O				9.88
24.083	0.32	0.80	3.443	I O				9.88
24.167	0.11	0.80	3.439	I O				9.87
24.250	0.05	0.80	3.434	I O				9.86
24.333	0.03	0.80	3.429	I O				9.85
24.417	0.01	0.80	3.424	I O				9.85
24.500	0.00	0.80	3.418	I O				9.84
24.583	0.00	0.80	3.413	I O				9.83
24.667	0.00	0.80	3.407	I O				9.82
24.750	0.00	0.80	3.402	I O				9.81
24.833	0.00	0.80	3.396	I O				9.80
24.917	0.00	0.80	3.391	I O				9.79
25.000	0.00	0.80	3.385	I O				9.79
25.083	0.00	0.80	3.380	I O				9.78
25.167	0.00	0.80	3.374	I O				9.77
25.250	0.00	0.80	3.369	I O				9.76
25.333	0.00	0.80	3.363	I O				9.75
25.417	0.00	0.80	3.358	I O				9.74
25.500	0.00	0.80	3.352	I O				9.74
25.583	0.00	0.80	3.347	I O				9.73
25.667	0.00	0.80	3.341	I O				9.72
25.750	0.00	0.80	3.336	I O				9.71
25.833	0.00	0.80	3.330	I O				9.70
25.917	0.00	0.80	3.325	I O				9.69
26.000	0.00	0.80	3.319	I O				9.68
26.083	0.00	0.80	3.314	I O				9.68
26.167	0.00	0.80	3.308	I O				9.67
26.250	0.00	0.80	3.303	I O				9.66
26.333	0.00	0.80	3.297	I O				9.65
26.417	0.00	0.80	3.292	I O				9.64
26.500	0.00	0.80	3.286	I O				9.63
26.583	0.00	0.80	3.281	I O				9.62
26.667	0.00	0.80	3.275	I O				9.62

26.750	0.00	0.80	3.270	I	O	|	|	|	|	9.61
26.833	0.00	0.80	3.264	I	O	|	|	|	|	9.60
26.917	0.00	0.80	3.259	I	O	|	|	|	|	9.59
27.000	0.00	0.80	3.253	I	O	|	|	|	|	9.58
27.083	0.00	0.80	3.248	I	O	|	|	|	|	9.57
27.167	0.00	0.80	3.242	I	O	|	|	|	|	9.57
27.250	0.00	0.80	3.237	I	O	|	|	|	|	9.56
27.333	0.00	0.80	3.231	I	O	|	|	|	|	9.55
27.417	0.00	0.80	3.225	I	O	|	|	|	|	9.54
27.500	0.00	0.80	3.220	I	O	|	|	|	|	9.53
27.583	0.00	0.80	3.214	I	O	|	|	|	|	9.52
27.667	0.00	0.80	3.209	I	O	|	|	|	|	9.51
27.750	0.00	0.80	3.203	I	O	|	|	|	|	9.51
27.833	0.00	0.80	3.198	I	O	|	|	|	|	9.50
27.917	0.00	0.80	3.192	I	O	|	|	|	|	9.49
28.000	0.00	0.80	3.187	I	O	|	|	|	|	9.48
28.083	0.00	0.80	3.181	I	O	|	|	|	|	9.47
28.167	0.00	0.80	3.176	I	O	|	|	|	|	9.46
28.250	0.00	0.80	3.170	I	O	|	|	|	|	9.46
28.333	0.00	0.80	3.165	I	O	|	|	|	|	9.45
28.417	0.00	0.80	3.159	I	O	|	|	|	|	9.44
28.500	0.00	0.80	3.154	I	O	|	|	|	|	9.43
28.583	0.00	0.80	3.148	I	O	|	|	|	|	9.42
28.667	0.00	0.80	3.143	I	O	|	|	|	|	9.41
28.750	0.00	0.80	3.137	I	O	|	|	|	|	9.40
28.833	0.00	0.80	3.132	I	O	|	|	|	|	9.40
28.917	0.00	0.80	3.126	I	O	|	|	|	|	9.39
29.000	0.00	0.80	3.121	I	O	|	|	|	|	9.38
29.083	0.00	0.80	3.115	I	O	|	|	|	|	9.37
29.167	0.00	0.80	3.110	I	O	|	|	|	|	9.36
29.250	0.00	0.80	3.104	I	O	|	|	|	|	9.35
29.333	0.00	0.80	3.099	I	O	|	|	|	|	9.34
29.417	0.00	0.80	3.093	I	O	|	|	|	|	9.34
29.500	0.00	0.80	3.088	I	O	|	|	|	|	9.33
29.583	0.00	0.80	3.082	I	O	|	|	|	|	9.32
29.667	0.00	0.80	3.077	I	O	|	|	|	|	9.31
29.750	0.00	0.80	3.071	I	O	|	|	|	|	9.30
29.833	0.00	0.80	3.066	I	O	|	|	|	|	9.29
29.917	0.00	0.80	3.060	I	O	|	|	|	|	9.29
30.000	0.00	0.80	3.055	I	O	|	|	|	|	9.28
30.083	0.00	0.80	3.049	I	O	|	|	|	|	9.27
30.167	0.00	0.80	3.044	I	O	|	|	|	|	9.26
30.250	0.00	0.80	3.038	I	O	|	|	|	|	9.25
30.333	0.00	0.80	3.033	I	O	|	|	|	|	9.24
30.417	0.00	0.80	3.027	I	O	|	|	|	|	9.23
30.500	0.00	0.80	3.022	I	O	|	|	|	|	9.23
30.583	0.00	0.80	3.016	I	O	|	|	|	|	9.22
30.667	0.00	0.80	3.011	I	O	|	|	|	|	9.21
30.750	0.00	0.80	3.005	I	O	|	|	|	|	9.20
30.833	0.00	0.80	3.000	I	O	|	|	|	|	9.19
30.917	0.00	0.80	2.994	I	O	|	|	|	|	9.18
31.000	0.00	0.80	2.989	I	O	|	|	|	|	9.17
31.083	0.00	0.80	2.983	I	O	|	|	|	|	9.17
31.167	0.00	0.80	2.978	I	O	|	|	|	|	9.16
31.250	0.00	0.80	2.972	I	O	|	|	|	|	9.15
31.333	0.00	0.80	2.967	I	O	|	|	|	|	9.14
31.417	0.00	0.80	2.961	I	O	|	|	|	|	9.13

31.500	0.00	0.80	2.956	I	O	|	|	|	|	9.12
31.583	0.00	0.80	2.950	I	O	|	|	|	|	9.12
31.667	0.00	0.80	2.944	I	O	|	|	|	|	9.11
31.750	0.00	0.80	2.939	I	O	|	|	|	|	9.10
31.833	0.00	0.80	2.933	I	O	|	|	|	|	9.09
31.917	0.00	0.80	2.928	I	O	|	|	|	|	9.08
32.000	0.00	0.80	2.922	I	O	|	|	|	|	9.07
32.083	0.00	0.80	2.917	I	O	|	|	|	|	9.06
32.167	0.00	0.80	2.911	I	O	|	|	|	|	9.06
32.250	0.00	0.80	2.906	I	O	|	|	|	|	9.05
32.333	0.00	0.80	2.900	I	O	|	|	|	|	9.04
32.417	0.00	0.80	2.895	I	O	|	|	|	|	9.03
32.500	0.00	0.80	2.889	I	O	|	|	|	|	9.02
32.583	0.00	0.80	2.884	I	O	|	|	|	|	9.01
32.667	0.00	0.80	2.878	I	O	|	|	|	|	9.01
32.750	0.00	0.80	2.873	I	O	|	|	|	|	9.00
32.833	0.00	0.80	2.867	I	O	|	|	|	|	8.99
32.917	0.00	0.80	2.862	I	O	|	|	|	|	8.98
33.000	0.00	0.80	2.856	I	O	|	|	|	|	8.97
33.083	0.00	0.80	2.851	I	O	|	|	|	|	8.96
33.167	0.00	0.80	2.845	I	O	|	|	|	|	8.95
33.250	0.00	0.80	2.840	I	O	|	|	|	|	8.94
33.333	0.00	0.80	2.834	I	O	|	|	|	|	8.93
33.417	0.00	0.80	2.829	I	O	|	|	|	|	8.92
33.500	0.00	0.80	2.823	I	O	|	|	|	|	8.92
33.583	0.00	0.80	2.818	I	O	|	|	|	|	8.91
33.667	0.00	0.80	2.812	I	O	|	|	|	|	8.90
33.750	0.00	0.80	2.807	I	O	|	|	|	|	8.89
33.833	0.00	0.80	2.801	I	O	|	|	|	|	8.88
33.917	0.00	0.80	2.796	I	O	|	|	|	|	8.87
34.000	0.00	0.80	2.790	I	O	|	|	|	|	8.86
34.083	0.00	0.80	2.785	I	O	|	|	|	|	8.85
34.167	0.00	0.80	2.779	I	O	|	|	|	|	8.84
34.250	0.00	0.80	2.774	I	O	|	|	|	|	8.83
34.333	0.00	0.80	2.768	I	O	|	|	|	|	8.82
34.417	0.00	0.80	2.763	I	O	|	|	|	|	8.82
34.500	0.00	0.80	2.757	I	O	|	|	|	|	8.81
34.583	0.00	0.80	2.752	I	O	|	|	|	|	8.80
34.667	0.00	0.80	2.746	I	O	|	|	|	|	8.79
34.750	0.00	0.80	2.741	I	O	|	|	|	|	8.78
34.833	0.00	0.80	2.735	I	O	|	|	|	|	8.77
34.917	0.00	0.80	2.730	I	O	|	|	|	|	8.76
35.000	0.00	0.80	2.724	I	O	|	|	|	|	8.75
35.083	0.00	0.80	2.719	I	O	|	|	|	|	8.74
35.167	0.00	0.80	2.713	I	O	|	|	|	|	8.73
35.250	0.00	0.80	2.708	I	O	|	|	|	|	8.73
35.333	0.00	0.80	2.702	I	O	|	|	|	|	8.72
35.417	0.00	0.80	2.697	I	O	|	|	|	|	8.71
35.500	0.00	0.80	2.691	I	O	|	|	|	|	8.70
35.583	0.00	0.80	2.686	I	O	|	|	|	|	8.69
35.667	0.00	0.80	2.680	I	O	|	|	|	|	8.68
35.750	0.00	0.80	2.675	I	O	|	|	|	|	8.67
35.833	0.00	0.80	2.669	I	O	|	|	|	|	8.66
35.917	0.00	0.80	2.664	I	O	|	|	|	|	8.65
36.000	0.00	0.80	2.658	I	O	|	|	|	|	8.64
36.083	0.00	0.80	2.652	I	O	|	|	|	|	8.64
36.167	0.00	0.80	2.647	I	O	|	|	|	|	8.63

36.250	0.00	0.80	2.641	I	O	|	|	|	|	8.62
36.333	0.00	0.80	2.636	I	O	|	|	|	|	8.61
36.417	0.00	0.80	2.630	I	O	|	|	|	|	8.60
36.500	0.00	0.80	2.625	I	O	|	|	|	|	8.59
36.583	0.00	0.80	2.619	I	O	|	|	|	|	8.58
36.667	0.00	0.80	2.614	I	O	|	|	|	|	8.57
36.750	0.00	0.80	2.608	I	O	|	|	|	|	8.56
36.833	0.00	0.80	2.603	I	O	|	|	|	|	8.55
36.917	0.00	0.80	2.597	I	O	|	|	|	|	8.54
37.000	0.00	0.80	2.592	I	O	|	|	|	|	8.54
37.083	0.00	0.80	2.586	I	O	|	|	|	|	8.53
37.167	0.00	0.80	2.581	I	O	|	|	|	|	8.52
37.250	0.00	0.80	2.575	I	O	|	|	|	|	8.51
37.333	0.00	0.80	2.570	I	O	|	|	|	|	8.50
37.417	0.00	0.80	2.564	I	O	|	|	|	|	8.49
37.500	0.00	0.80	2.559	I	O	|	|	|	|	8.48
37.583	0.00	0.80	2.553	I	O	|	|	|	|	8.47
37.667	0.00	0.80	2.548	I	O	|	|	|	|	8.46
37.750	0.00	0.80	2.542	I	O	|	|	|	|	8.45
37.833	0.00	0.80	2.537	I	O	|	|	|	|	8.45
37.917	0.00	0.80	2.531	I	O	|	|	|	|	8.44
38.000	0.00	0.80	2.526	I	O	|	|	|	|	8.43
38.083	0.00	0.80	2.520	I	O	|	|	|	|	8.42
38.167	0.00	0.80	2.515	I	O	|	|	|	|	8.41
38.250	0.00	0.80	2.509	I	O	|	|	|	|	8.40
38.333	0.00	0.80	2.504	I	O	|	|	|	|	8.39
38.417	0.00	0.80	2.498	I	O	|	|	|	|	8.38
38.500	0.00	0.80	2.493	I	O	|	|	|	|	8.37
38.583	0.00	0.80	2.487	I	O	|	|	|	|	8.36
38.667	0.00	0.80	2.482	I	O	|	|	|	|	8.36
38.750	0.00	0.80	2.476	I	O	|	|	|	|	8.35
38.833	0.00	0.80	2.471	I	O	|	|	|	|	8.34
38.917	0.00	0.80	2.465	I	O	|	|	|	|	8.33
39.000	0.00	0.80	2.460	I	O	|	|	|	|	8.32
39.083	0.00	0.80	2.454	I	O	|	|	|	|	8.31
39.167	0.00	0.80	2.449	I	O	|	|	|	|	8.30
39.250	0.00	0.80	2.443	I	O	|	|	|	|	8.29
39.333	0.00	0.80	2.438	I	O	|	|	|	|	8.28
39.417	0.00	0.80	2.432	I	O	|	|	|	|	8.27
39.500	0.00	0.80	2.427	I	O	|	|	|	|	8.26
39.583	0.00	0.80	2.421	I	O	|	|	|	|	8.26
39.667	0.00	0.80	2.416	I	O	|	|	|	|	8.25
39.750	0.00	0.80	2.410	I	O	|	|	|	|	8.24
39.833	0.00	0.80	2.405	I	O	|	|	|	|	8.23
39.917	0.00	0.80	2.399	I	O	|	|	|	|	8.22
40.000	0.00	0.80	2.394	I	O	|	|	|	|	8.21
40.083	0.00	0.80	2.388	I	O	|	|	|	|	8.20
40.167	0.00	0.80	2.383	I	O	|	|	|	|	8.19
40.250	0.00	0.80	2.377	I	O	|	|	|	|	8.18
40.333	0.00	0.80	2.371	I	O	|	|	|	|	8.17
40.417	0.00	0.80	2.366	I	O	|	|	|	|	8.17
40.500	0.00	0.80	2.360	I	O	|	|	|	|	8.16
40.583	0.00	0.80	2.355	I	O	|	|	|	|	8.15
40.667	0.00	0.80	2.349	I	O	|	|	|	|	8.14
40.750	0.00	0.80	2.344	I	O	|	|	|	|	8.13
40.833	0.00	0.80	2.338	I	O	|	|	|	|	8.12
40.917	0.00	0.80	2.333	I	O	|	|	|	|	8.11

41.000	0.00	0.80	2.327	I	O				8.10
41.083	0.00	0.80	2.322	I	O				8.09
41.167	0.00	0.80	2.316	I	O				8.08
41.250	0.00	0.80	2.311	I	O				8.08
41.333	0.00	0.80	2.305	I	O				8.07
41.417	0.00	0.80	2.300	I	O				8.06
41.500	0.00	0.80	2.294	I	O				8.05
41.583	0.00	0.80	2.289	I	O				8.04
41.667	0.00	0.80	2.283	I	O				8.03
41.750	0.00	0.80	2.278	I	O				8.02
41.833	0.00	0.80	2.272	I	O				8.01
41.917	0.00	0.80	2.267	I	O				8.00
42.000	0.00	0.80	2.261	I	O				7.99
42.083	0.00	0.80	2.256	I	O				7.98
42.167	0.00	0.80	2.250	I	O				7.97
42.250	0.00	0.80	2.245	I	O				7.96
42.333	0.00	0.80	2.239	I	O				7.96
42.417	0.00	0.80	2.234	I	O				7.95
42.500	0.00	0.80	2.228	I	O				7.94
42.583	0.00	0.80	2.223	I	O				7.93
42.667	0.00	0.80	2.217	I	O				7.92
42.750	0.00	0.80	2.212	I	O				7.91
42.833	0.00	0.80	2.206	I	O				7.90
42.917	0.00	0.80	2.201	I	O				7.89
43.000	0.00	0.80	2.195	I	O				7.88
43.083	0.00	0.80	2.190	I	O				7.87
43.167	0.00	0.80	2.184	I	O				7.86
43.250	0.00	0.80	2.179	I	O				7.85
43.333	0.00	0.80	2.173	I	O				7.84
43.417	0.00	0.80	2.168	I	O				7.83
43.500	0.00	0.80	2.162	I	O				7.82
43.583	0.00	0.80	2.157	I	O				7.81
43.667	0.00	0.80	2.151	I	O				7.80
43.750	0.00	0.80	2.146	I	O				7.79
43.833	0.00	0.80	2.140	I	O				7.78
43.917	0.00	0.80	2.135	I	O				7.77
44.000	0.00	0.80	2.129	I	O				7.76
44.083	0.00	0.80	2.124	I	O				7.75
44.167	0.00	0.80	2.118	I	O				7.74
44.250	0.00	0.80	2.113	I	O				7.73
44.333	0.00	0.80	2.107	I	O				7.72
44.417	0.00	0.80	2.102	I	O				7.71
44.500	0.00	0.80	2.096	I	O				7.71
44.583	0.00	0.80	2.091	I	O				7.70
44.667	0.00	0.80	2.085	I	O				7.69
44.750	0.00	0.80	2.079	I	O				7.68
44.833	0.00	0.80	2.074	I	O				7.67
44.917	0.00	0.80	2.068	I	O				7.66
45.000	0.00	0.80	2.063	I	O				7.65
45.083	0.00	0.80	2.057	I	O				7.64
45.167	0.00	0.80	2.052	I	O				7.63
45.250	0.00	0.80	2.046	I	O				7.62
45.333	0.00	0.80	2.041	I	O				7.61
45.417	0.00	0.80	2.035	I	O				7.60
45.500	0.00	0.80	2.030	I	O				7.59
45.583	0.00	0.80	2.024	I	O				7.58
45.667	0.00	0.80	2.019	I	O				7.57

45.750	0.00	0.80	2.013	I	O	|	|	|	| 7.56
45.833	0.00	0.80	2.008	I	O	|	|	|	| 7.55
45.917	0.00	0.80	2.002	I	O	|	|	|	| 7.54
46.000	0.00	0.80	1.997	I	O	|	|	|	| 7.53
46.083	0.00	0.80	1.991	I	O	|	|	|	| 7.52
46.167	0.00	0.80	1.986	I	O	|	|	|	| 7.51
46.250	0.00	0.80	1.980	I	O	|	|	|	| 7.50
46.333	0.00	0.80	1.975	I	O	|	|	|	| 7.49
46.417	0.00	0.80	1.969	I	O	|	|	|	| 7.48
46.500	0.00	0.80	1.964	I	O	|	|	|	| 7.47
46.583	0.00	0.80	1.958	I	O	|	|	|	| 7.46
46.667	0.00	0.80	1.953	I	O	|	|	|	| 7.46
46.750	0.00	0.80	1.947	I	O	|	|	|	| 7.45
46.833	0.00	0.80	1.942	I	O	|	|	|	| 7.44
46.917	0.00	0.80	1.936	I	O	|	|	|	| 7.43
47.000	0.00	0.80	1.931	I	O	|	|	|	| 7.42
47.083	0.00	0.80	1.925	I	O	|	|	|	| 7.41
47.167	0.00	0.80	1.920	I	O	|	|	|	| 7.40
47.250	0.00	0.80	1.914	I	O	|	|	|	| 7.39
47.333	0.00	0.80	1.909	I	O	|	|	|	| 7.38
47.417	0.00	0.80	1.903	I	O	|	|	|	| 7.37
47.500	0.00	0.80	1.898	I	O	|	|	|	| 7.36
47.583	0.00	0.80	1.892	I	O	|	|	|	| 7.35
47.667	0.00	0.80	1.887	I	O	|	|	|	| 7.34
47.750	0.00	0.80	1.881	I	O	|	|	|	| 7.33
47.833	0.00	0.80	1.876	I	O	|	|	|	| 7.32
47.917	0.00	0.80	1.870	I	O	|	|	|	| 7.31
48.000	0.00	0.80	1.865	I	O	|	|	|	| 7.30
48.083	0.00	0.80	1.859	I	O	|	|	|	| 7.29
48.167	0.00	0.80	1.854	I	O	|	|	|	| 7.28
48.250	0.00	0.80	1.848	I	O	|	|	|	| 7.27
48.333	0.00	0.80	1.843	I	O	|	|	|	| 7.26
48.417	0.00	0.80	1.837	I	O	|	|	|	| 7.25
48.500	0.00	0.80	1.832	I	O	|	|	|	| 7.24
48.583	0.00	0.80	1.826	I	O	|	|	|	| 7.23
48.667	0.00	0.80	1.821	I	O	|	|	|	| 7.22
48.750	0.00	0.80	1.815	I	O	|	|	|	| 7.21
48.833	0.00	0.80	1.810	I	O	|	|	|	| 7.21
48.917	0.00	0.80	1.804	I	O	|	|	|	| 7.20
49.000	0.00	0.80	1.798	I	O	|	|	|	| 7.19
49.083	0.00	0.80	1.793	I	O	|	|	|	| 7.18
49.167	0.00	0.80	1.787	I	O	|	|	|	| 7.17
49.250	0.00	0.80	1.782	I	O	|	|	|	| 7.16
49.333	0.00	0.80	1.776	I	O	|	|	|	| 7.15
49.417	0.00	0.80	1.771	I	O	|	|	|	| 7.14
49.500	0.00	0.80	1.765	I	O	|	|	|	| 7.13
49.583	0.00	0.80	1.760	I	O	|	|	|	| 7.12
49.667	0.00	0.80	1.754	I	O	|	|	|	| 7.11
49.750	0.00	0.80	1.749	I	O	|	|	|	| 7.10
49.833	0.00	0.80	1.743	I	O	|	|	|	| 7.09
49.917	0.00	0.80	1.738	I	O	|	|	|	| 7.08
50.000	0.00	0.80	1.732	I	O	|	|	|	| 7.07
50.083	0.00	0.80	1.727	I	O	|	|	|	| 7.06
50.167	0.00	0.80	1.721	I	O	|	|	|	| 7.05
50.250	0.00	0.80	1.716	I	O	|	|	|	| 7.04
50.333	0.00	0.80	1.710	I	O	|	|	|	| 7.03
50.417	0.00	0.80	1.705	I	O	|	|	|	| 7.02

50.500	0.00	0.80	1.699	I	O	|	|	|	|	7.01
50.583	0.00	0.80	1.694	I	O	|	|	|	|	7.00
50.667	0.00	0.80	1.688	I	O	|	|	|	|	6.99
50.750	0.00	0.80	1.683	I	O	|	|	|	|	6.98
50.833	0.00	0.80	1.677	I	O	|	|	|	|	6.97
50.917	0.00	0.80	1.672	I	O	|	|	|	|	6.96
51.000	0.00	0.80	1.666	I	O	|	|	|	|	6.95
51.083	0.00	0.80	1.661	I	O	|	|	|	|	6.94
51.167	0.00	0.80	1.655	I	O	|	|	|	|	6.93
51.250	0.00	0.80	1.650	I	O	|	|	|	|	6.92
51.333	0.00	0.80	1.644	I	O	|	|	|	|	6.91
51.417	0.00	0.80	1.639	I	O	|	|	|	|	6.90
51.500	0.00	0.80	1.633	I	O	|	|	|	|	6.89
51.583	0.00	0.80	1.628	I	O	|	|	|	|	6.88
51.667	0.00	0.80	1.622	I	O	|	|	|	|	6.87
51.750	0.00	0.80	1.617	I	O	|	|	|	|	6.86
51.833	0.00	0.80	1.611	I	O	|	|	|	|	6.85
51.917	0.00	0.80	1.606	I	O	|	|	|	|	6.84
52.000	0.00	0.80	1.600	I	O	|	|	|	|	6.83
52.083	0.00	0.80	1.595	I	O	|	|	|	|	6.82
52.167	0.00	0.80	1.589	I	O	|	|	|	|	6.81
52.250	0.00	0.80	1.584	I	O	|	|	|	|	6.80
52.333	0.00	0.80	1.578	I	O	|	|	|	|	6.79
52.417	0.00	0.80	1.573	I	O	|	|	|	|	6.78
52.500	0.00	0.80	1.567	I	O	|	|	|	|	6.77
52.583	0.00	0.80	1.562	I	O	|	|	|	|	6.76
52.667	0.00	0.80	1.556	I	O	|	|	|	|	6.75
52.750	0.00	0.80	1.551	I	O	|	|	|	|	6.74
52.833	0.00	0.80	1.545	I	O	|	|	|	|	6.73
52.917	0.00	0.80	1.540	I	O	|	|	|	|	6.72
53.000	0.00	0.80	1.534	I	O	|	|	|	|	6.71
53.083	0.00	0.80	1.529	I	O	|	|	|	|	6.69
53.167	0.00	0.80	1.523	I	O	|	|	|	|	6.68
53.250	0.00	0.80	1.517	I	O	|	|	|	|	6.67
53.333	0.00	0.80	1.512	I	O	|	|	|	|	6.66
53.417	0.00	0.80	1.506	I	O	|	|	|	|	6.65
53.500	0.00	0.80	1.501	I	O	|	|	|	|	6.64
53.583	0.00	0.80	1.495	I	O	|	|	|	|	6.63
53.667	0.00	0.80	1.490	I	O	|	|	|	|	6.62
53.750	0.00	0.80	1.484	I	O	|	|	|	|	6.61
53.833	0.00	0.80	1.479	I	O	|	|	|	|	6.60
53.917	0.00	0.80	1.473	I	O	|	|	|	|	6.59
54.000	0.00	0.80	1.468	I	O	|	|	|	|	6.58
54.083	0.00	0.80	1.462	I	O	|	|	|	|	6.57
54.167	0.00	0.80	1.457	I	O	|	|	|	|	6.56
54.250	0.00	0.80	1.451	I	O	|	|	|	|	6.55
54.333	0.00	0.80	1.446	I	O	|	|	|	|	6.54
54.417	0.00	0.80	1.440	I	O	|	|	|	|	6.53
54.500	0.00	0.80	1.435	I	O	|	|	|	|	6.52
54.583	0.00	0.80	1.429	I	O	|	|	|	|	6.51
54.667	0.00	0.80	1.424	I	O	|	|	|	|	6.50
54.750	0.00	0.80	1.418	I	O	|	|	|	|	6.49
54.833	0.00	0.80	1.413	I	O	|	|	|	|	6.48
54.917	0.00	0.80	1.407	I	O	|	|	|	|	6.47
55.000	0.00	0.80	1.402	I	O	|	|	|	|	6.46
55.083	0.00	0.80	1.396	I	O	|	|	|	|	6.45
55.167	0.00	0.80	1.391	I	O	|	|	|	|	6.44

55.250	0.00	0.80	1.385	I	O	|	|	|	| 6.43
55.333	0.00	0.80	1.380	I	O	|	|	|	| 6.42
55.417	0.00	0.80	1.374	I	O	|	|	|	| 6.41
55.500	0.00	0.80	1.369	I	O	|	|	|	| 6.40
55.583	0.00	0.80	1.363	I	O	|	|	|	| 6.39
55.667	0.00	0.80	1.358	I	O	|	|	|	| 6.38
55.750	0.00	0.80	1.352	I	O	|	|	|	| 6.37
55.833	0.00	0.80	1.347	I	O	|	|	|	| 6.36
55.917	0.00	0.80	1.341	I	O	|	|	|	| 6.35
56.000	0.00	0.80	1.336	I	O	|	|	|	| 6.34
56.083	0.00	0.80	1.330	I	O	|	|	|	| 6.32
56.167	0.00	0.80	1.325	I	O	|	|	|	| 6.31
56.250	0.00	0.80	1.319	I	O	|	|	|	| 6.30
56.333	0.00	0.80	1.314	I	O	|	|	|	| 6.29
56.417	0.00	0.80	1.308	I	O	|	|	|	| 6.28
56.500	0.00	0.80	1.303	I	O	|	|	|	| 6.27
56.583	0.00	0.80	1.297	I	O	|	|	|	| 6.26
56.667	0.00	0.80	1.292	I	O	|	|	|	| 6.25
56.750	0.00	0.80	1.286	I	O	|	|	|	| 6.24
56.833	0.00	0.80	1.281	I	O	|	|	|	| 6.23
56.917	0.00	0.80	1.275	I	O	|	|	|	| 6.22
57.000	0.00	0.80	1.270	I	O	|	|	|	| 6.21
57.083	0.00	0.80	1.264	I	O	|	|	|	| 6.20
57.167	0.00	0.80	1.259	I	O	|	|	|	| 6.19
57.250	0.00	0.80	1.253	I	O	|	|	|	| 6.18
57.333	0.00	0.80	1.248	I	O	|	|	|	| 6.17
57.417	0.00	0.80	1.242	I	O	|	|	|	| 6.16
57.500	0.00	0.80	1.237	I	O	|	|	|	| 6.15
57.583	0.00	0.80	1.231	I	O	|	|	|	| 6.14
57.667	0.00	0.80	1.225	I	O	|	|	|	| 6.13
57.750	0.00	0.80	1.220	I	O	|	|	|	| 6.12
57.833	0.00	0.80	1.214	I	O	|	|	|	| 6.11
57.917	0.00	0.80	1.209	I	O	|	|	|	| 6.10
58.000	0.00	0.80	1.203	I	O	|	|	|	| 6.09
58.083	0.00	0.80	1.198	I	O	|	|	|	| 6.08
58.167	0.00	0.80	1.192	I	O	|	|	|	| 6.07
58.250	0.00	0.80	1.187	I	O	|	|	|	| 6.06
58.333	0.00	0.80	1.181	I	O	|	|	|	| 6.05
58.417	0.00	0.80	1.176	I	O	|	|	|	| 6.04
58.500	0.00	0.80	1.170	I	O	|	|	|	| 6.03
58.583	0.00	0.80	1.165	I	O	|	|	|	| 6.02
58.667	0.00	0.80	1.159	I	O	|	|	|	| 6.01
58.750	0.00	0.79	1.154	I	O	|	|	|	| 5.99
58.833	0.00	0.77	1.149	I	O	|	|	|	| 5.96
58.917	0.00	0.75	1.143	I	O	|	|	|	| 5.93
59.000	0.00	0.73	1.138	I	O	|	|	|	| 5.91
59.083	0.00	0.71	1.133	I	O	|	|	|	| 5.88
59.167	0.00	0.69	1.128	I	O	|	|	|	| 5.86
59.250	0.00	0.67	1.124	I	O	|	|	|	| 5.83
59.333	0.00	0.65	1.119	I	O	|	|	|	| 5.81
59.417	0.00	0.63	1.115	I	O	|	|	|	| 5.79
59.500	0.00	0.61	1.111	I	O	|	|	|	| 5.76
59.583	0.00	0.60	1.106	I	O	|	|	|	| 5.74
59.667	0.00	0.58	1.102	I	O	|	|	|	| 5.72
59.750	0.00	0.56	1.098	I	O	|	|	|	| 5.70
59.833	0.00	0.55	1.095	I	O	|	|	|	| 5.68
59.917	0.00	0.53	1.091	I	O	|	|	|	| 5.66

60.000	0.00	0.52	1.087	I O				5.64
60.083	0.00	0.50	1.084	I O				5.63
60.167	0.00	0.49	1.080	I O				5.61
60.250	0.00	0.48	1.077	I O				5.59
60.333	0.00	0.46	1.074	I O				5.57
60.417	0.00	0.45	1.071	IO				5.56
60.500	0.00	0.44	1.068	IO				5.54
60.583	0.00	0.43	1.065	IO				5.53
60.667	0.00	0.41	1.062	IO				5.51
60.750	0.00	0.40	1.059	IO				5.50
60.833	0.00	0.39	1.056	IO				5.48
60.917	0.00	0.38	1.053	IO				5.47
61.000	0.00	0.37	1.051	IO				5.46
61.083	0.00	0.36	1.048	IO				5.44
61.167	0.00	0.35	1.046	IO				5.43
61.250	0.00	0.34	1.044	IO				5.42
61.333	0.00	0.33	1.041	IO				5.41
61.417	0.00	0.32	1.039	IO				5.39
61.500	0.00	0.31	1.037	IO				5.38
61.583	0.00	0.30	1.035	IO				5.37
61.667	0.00	0.30	1.033	IO				5.36
61.750	0.00	0.29	1.031	IO				5.35
61.833	0.00	0.28	1.029	IO				5.34
61.917	0.00	0.27	1.027	IO				5.33
62.000	0.00	0.26	1.025	IO				5.32
62.083	0.00	0.26	1.023	IO				5.31
62.167	0.00	0.25	1.021	IO				5.30
62.250	0.00	0.24	1.020	IO				5.29
62.333	0.00	0.24	1.018	IO				5.29
62.417	0.00	0.23	1.016	O				5.28
62.500	0.00	0.22	1.015	O				5.27
62.583	0.00	0.22	1.013	O				5.26
62.667	0.00	0.21	1.012	O				5.25
62.750	0.00	0.20	1.011	O				5.25
62.833	0.00	0.20	1.009	O				5.24
62.917	0.00	0.19	1.008	O				5.23
63.000	0.00	0.19	1.006	O				5.23
63.083	0.00	0.18	1.005	O				5.22
63.167	0.00	0.18	1.004	O				5.21
63.250	0.00	0.17	1.003	O				5.21
63.333	0.00	0.17	1.002	O				5.20
63.417	0.00	0.16	1.000	O				5.19
63.500	0.00	0.16	0.999	O				5.19
63.583	0.00	0.15	0.998	O				5.18
63.667	0.00	0.15	0.997	O				5.18
63.750	0.00	0.15	0.996	O				5.17
63.833	0.00	0.14	0.995	O				5.17
63.917	0.00	0.14	0.994	O				5.16
64.000	0.00	0.13	0.993	O				5.16
64.083	0.00	0.13	0.992	O				5.15
64.167	0.00	0.13	0.991	O				5.15
64.250	0.00	0.12	0.991	O				5.14
64.333	0.00	0.12	0.990	O				5.14
64.417	0.00	0.12	0.989	O				5.13
64.500	0.00	0.11	0.988	O				5.13
64.583	0.00	0.11	0.987	O				5.13
64.667	0.00	0.11	0.987	O				5.12

64.750	0.00	0.10	0.986	O	|	|	|	5.12
64.833	0.00	0.10	0.985	O	|	|	|	5.12
64.917	0.00	0.10	0.985	O	|	|	|	5.11
65.000	0.00	0.10	0.984	O	|	|	|	5.11
65.083	0.00	0.09	0.983	O	|	|	|	5.10
65.167	0.00	0.09	0.983	O	|	|	|	5.10
65.250	0.00	0.09	0.982	O	|	|	|	5.10
65.333	0.00	0.09	0.981	O	|	|	|	5.10
65.417	0.00	0.08	0.981	O	|	|	|	5.09
65.500	0.00	0.08	0.980	O	|	|	|	5.09
65.583	0.00	0.08	0.980	O	|	|	|	5.09
65.667	0.00	0.08	0.979	O	|	|	|	5.08
65.750	0.00	0.07	0.979	O	|	|	|	5.08
65.833	0.00	0.07	0.978	O	|	|	|	5.08
65.917	0.00	0.07	0.978	O	|	|	|	5.08
66.000	0.00	0.07	0.977	O	|	|	|	5.07
66.083	0.00	0.07	0.977	O	|	|	|	5.07
66.167	0.00	0.06	0.976	O	|	|	|	5.07
66.250	0.00	0.06	0.976	O	|	|	|	5.07
66.333	0.00	0.06	0.975	O	|	|	|	5.06
66.417	0.00	0.06	0.975	O	|	|	|	5.06
66.500	0.00	0.06	0.975	O	|	|	|	5.06
66.583	0.00	0.06	0.974	O	|	|	|	5.06
66.667	0.00	0.05	0.974	O	|	|	|	5.06
66.750	0.00	0.05	0.973	O	|	|	|	5.05
66.833	0.00	0.05	0.973	O	|	|	|	5.05
66.917	0.00	0.05	0.973	O	|	|	|	5.05
67.000	0.00	0.05	0.972	O	|	|	|	5.05
67.083	0.00	0.05	0.972	O	|	|	|	5.05
67.167	0.00	0.05	0.972	O	|	|	|	5.05
67.250	0.00	0.04	0.971	O	|	|	|	5.04
67.333	0.00	0.04	0.971	O	|	|	|	5.04
67.417	0.00	0.04	0.971	O	|	|	|	5.04
67.500	0.00	0.04	0.971	O	|	|	|	5.04
67.583	0.00	0.04	0.970	O	|	|	|	5.04
67.667	0.00	0.04	0.970	O	|	|	|	5.04
67.750	0.00	0.04	0.970	O	|	|	|	5.04
67.833	0.00	0.04	0.970	O	|	|	|	5.03
67.917	0.00	0.04	0.969	O	|	|	|	5.03
68.000	0.00	0.03	0.969	O	|	|	|	5.03
68.083	0.00	0.03	0.969	O	|	|	|	5.03
68.167	0.00	0.03	0.969	O	|	|	|	5.03
68.250	0.00	0.03	0.968	O	|	|	|	5.03
68.333	0.00	0.03	0.968	O	|	|	|	5.03
68.417	0.00	0.03	0.968	O	|	|	|	5.03
68.500	0.00	0.03	0.968	O	|	|	|	5.02
68.583	0.00	0.03	0.967	O	|	|	|	5.02
68.667	0.00	0.03	0.967	O	|	|	|	5.02
68.750	0.00	0.03	0.967	O	|	|	|	5.02
68.833	0.00	0.03	0.967	O	|	|	|	5.02
68.917	0.00	0.03	0.967	O	|	|	|	5.02
69.000	0.00	0.02	0.967	O	|	|	|	5.02
69.083	0.00	0.02	0.966	O	|	|	|	5.02
69.167	0.00	0.02	0.966	O	|	|	|	5.02
69.250	0.00	0.02	0.966	O	|	|	|	5.02
69.333	0.00	0.02	0.966	O	|	|	|	5.02
69.417	0.00	0.02	0.966	O	|	|	|	5.01

69.500	0.00	0.02	0.966	O				5.01
69.583	0.00	0.02	0.966	O				5.01
69.667	0.00	0.02	0.965	O				5.01
69.750	0.00	0.02	0.965	O				5.01
69.833	0.00	0.02	0.965	O				5.01
69.917	0.00	0.02	0.965	O				5.01
70.000	0.00	0.02	0.965	O				5.01
70.083	0.00	0.02	0.965	O				5.01
70.167	0.00	0.02	0.965	O				5.01
70.250	0.00	0.02	0.965	O				5.01
70.333	0.00	0.02	0.964	O				5.01
70.417	0.00	0.02	0.964	O				5.01
70.500	0.00	0.01	0.964	O				5.01
70.583	0.00	0.01	0.964	O				5.01
70.667	0.00	0.01	0.964	O				5.01
70.750	0.00	0.01	0.964	O				5.00
70.833	0.00	0.01	0.964	O				5.00
70.917	0.00	0.01	0.964	O				5.00
71.000	0.00	0.01	0.964	O				5.00
71.083	0.00	0.01	0.964	O				5.00
71.167	0.00	0.01	0.963	O				5.00
71.250	0.00	0.01	0.963	O				5.00
71.333	0.00	0.01	0.963	O				5.00
71.417	0.00	0.01	0.963	O				5.00
71.500	0.00	0.01	0.963	O				5.00
71.583	0.00	0.01	0.963	O				5.00
71.667	0.00	0.01	0.963	O				5.00
71.750	0.00	0.01	0.963	O				5.00
71.833	0.00	0.01	0.963	O				5.00
71.917	0.00	0.01	0.963	O				5.00
72.000	0.00	0.01	0.963	O				5.00
72.083	0.00	0.01	0.963	O				5.00
72.167	0.00	0.01	0.963	O				5.00
72.250	0.00	0.01	0.963	O				5.00
72.333	0.00	0.01	0.962	O				5.00
72.417	0.00	0.01	0.962	O				5.00
72.500	0.00	0.01	0.962	O				5.00
72.583	0.00	0.01	0.962	O				5.00
72.667	0.00	0.01	0.962	O				5.00
72.750	0.00	0.01	0.962	O				5.00
72.833	0.00	0.01	0.962	O				5.00
72.917	0.00	0.01	0.962	O				4.99
73.000	0.00	0.01	0.962	O				4.99
73.083	0.00	0.01	0.962	O				4.99
73.167	0.00	0.01	0.962	O				4.99
73.250	0.00	0.01	0.962	O				4.99
73.333	0.00	0.01	0.962	O				4.99
73.417	0.00	0.01	0.962	O				4.99
73.500	0.00	0.01	0.961	O				4.99
73.583	0.00	0.01	0.961	O				4.99
73.667	0.00	0.01	0.961	O				4.99
73.750	0.00	0.01	0.961	O				4.99
73.833	0.00	0.01	0.961	O				4.99
73.917	0.00	0.01	0.961	O				4.99
74.000	0.00	0.01	0.961	O				4.99
74.083	0.00	0.01	0.961	O				4.99
74.167	0.00	0.01	0.961	O				4.99

74.250	0.00	0.01	0.961	O	|	|	|	4.99
74.333	0.00	0.01	0.961	O	|	|	|	4.99
74.417	0.00	0.01	0.961	O	|	|	|	4.99
74.500	0.00	0.01	0.961	O	|	|	|	4.99
74.583	0.00	0.01	0.961	O	|	|	|	4.99
74.667	0.00	0.01	0.961	O	|	|	|	4.99
74.750	0.00	0.01	0.960	O	|	|	|	4.99
74.833	0.00	0.01	0.960	O	|	|	|	4.99
74.917	0.00	0.01	0.960	O	|	|	|	4.99
75.000	0.00	0.01	0.960	O	|	|	|	4.99
75.083	0.00	0.01	0.960	O	|	|	|	4.99
75.167	0.00	0.01	0.960	O	|	|	|	4.99
75.250	0.00	0.01	0.960	O	|	|	|	4.98
75.333	0.00	0.01	0.960	O	|	|	|	4.98
75.417	0.00	0.01	0.960	O	|	|	|	4.98
75.500	0.00	0.01	0.960	O	|	|	|	4.98
75.583	0.00	0.01	0.960	O	|	|	|	4.98
75.667	0.00	0.01	0.960	O	|	|	|	4.98
75.750	0.00	0.01	0.960	O	|	|	|	4.98
75.833	0.00	0.01	0.960	O	|	|	|	4.98
75.917	0.00	0.01	0.959	O	|	|	|	4.98
76.000	0.00	0.01	0.959	O	|	|	|	4.98
76.083	0.00	0.01	0.959	O	|	|	|	4.98
76.167	0.00	0.01	0.959	O	|	|	|	4.98
76.250	0.00	0.01	0.959	O	|	|	|	4.98
76.333	0.00	0.01	0.959	O	|	|	|	4.98
76.417	0.00	0.01	0.959	O	|	|	|	4.98
76.500	0.00	0.01	0.959	O	|	|	|	4.98
76.583	0.00	0.01	0.959	O	|	|	|	4.98
76.667	0.00	0.01	0.959	O	|	|	|	4.98
76.750	0.00	0.01	0.959	O	|	|	|	4.98
76.833	0.00	0.01	0.959	O	|	|	|	4.98
76.917	0.00	0.01	0.959	O	|	|	|	4.98
77.000	0.00	0.01	0.959	O	|	|	|	4.98
77.083	0.00	0.01	0.959	O	|	|	|	4.98
77.167	0.00	0.01	0.958	O	|	|	|	4.98
77.250	0.00	0.01	0.958	O	|	|	|	4.98
77.333	0.00	0.01	0.958	O	|	|	|	4.98
77.417	0.00	0.01	0.958	O	|	|	|	4.98
77.500	0.00	0.01	0.958	O	|	|	|	4.98
77.583	0.00	0.01	0.958	O	|	|	|	4.97
77.667	0.00	0.01	0.958	O	|	|	|	4.97
77.750	0.00	0.01	0.958	O	|	|	|	4.97
77.833	0.00	0.01	0.958	O	|	|	|	4.97
77.917	0.00	0.01	0.958	O	|	|	|	4.97
78.000	0.00	0.01	0.958	O	|	|	|	4.97
78.083	0.00	0.01	0.958	O	|	|	|	4.97
78.167	0.00	0.01	0.958	O	|	|	|	4.97
78.250	0.00	0.01	0.958	O	|	|	|	4.97
78.333	0.00	0.01	0.957	O	|	|	|	4.97
78.417	0.00	0.01	0.957	O	|	|	|	4.97
78.500	0.00	0.01	0.957	O	|	|	|	4.97
78.583	0.00	0.01	0.957	O	|	|	|	4.97
78.667	0.00	0.01	0.957	O	|	|	|	4.97
78.750	0.00	0.01	0.957	O	|	|	|	4.97
78.833	0.00	0.01	0.957	O	|	|	|	4.97
78.917	0.00	0.01	0.957	O	|	|	|	4.97

79.000	0.00	0.01	0.957	O	|	|	|	4.97
79.083	0.00	0.01	0.957	O	|	|	|	4.97
79.167	0.00	0.01	0.957	O	|	|	|	4.97
79.250	0.00	0.01	0.957	O	|	|	|	4.97
79.333	0.00	0.01	0.957	O	|	|	|	4.97
79.417	0.00	0.01	0.957	O	|	|	|	4.97
79.500	0.00	0.01	0.957	O	|	|	|	4.97
79.583	0.00	0.01	0.956	O	|	|	|	4.97
79.667	0.00	0.01	0.956	O	|	|	|	4.97
79.750	0.00	0.01	0.956	O	|	|	|	4.97
79.833	0.00	0.01	0.956	O	|	|	|	4.97
79.917	0.00	0.01	0.956	O	|	|	|	4.96
80.000	0.00	0.01	0.956	O	|	|	|	4.96
80.083	0.00	0.01	0.956	O	|	|	|	4.96
80.167	0.00	0.01	0.956	O	|	|	|	4.96
80.250	0.00	0.01	0.956	O	|	|	|	4.96
80.333	0.00	0.01	0.956	O	|	|	|	4.96
80.417	0.00	0.01	0.956	O	|	|	|	4.96
80.500	0.00	0.01	0.956	O	|	|	|	4.96
80.583	0.00	0.01	0.956	O	|	|	|	4.96
80.667	0.00	0.01	0.956	O	|	|	|	4.96
80.750	0.00	0.01	0.955	O	|	|	|	4.96
80.833	0.00	0.01	0.955	O	|	|	|	4.96
80.917	0.00	0.01	0.955	O	|	|	|	4.96
81.000	0.00	0.01	0.955	O	|	|	|	4.96
81.083	0.00	0.01	0.955	O	|	|	|	4.96
81.167	0.00	0.01	0.955	O	|	|	|	4.96
81.250	0.00	0.01	0.955	O	|	|	|	4.96
81.333	0.00	0.01	0.955	O	|	|	|	4.96
81.417	0.00	0.01	0.955	O	|	|	|	4.96
81.500	0.00	0.01	0.955	O	|	|	|	4.96
81.583	0.00	0.01	0.955	O	|	|	|	4.96
81.667	0.00	0.01	0.955	O	|	|	|	4.96
81.750	0.00	0.01	0.955	O	|	|	|	4.96
81.833	0.00	0.01	0.955	O	|	|	|	4.96
81.917	0.00	0.01	0.955	O	|	|	|	4.96
82.000	0.00	0.01	0.954	O	|	|	|	4.96
82.083	0.00	0.01	0.954	O	|	|	|	4.96
82.167	0.00	0.01	0.954	O	|	|	|	4.96
82.250	0.00	0.01	0.954	O	|	|	|	4.95
82.333	0.00	0.01	0.954	O	|	|	|	4.95
82.417	0.00	0.01	0.954	O	|	|	|	4.95
82.500	0.00	0.01	0.954	O	|	|	|	4.95
82.583	0.00	0.01	0.954	O	|	|	|	4.95
82.667	0.00	0.01	0.954	O	|	|	|	4.95
82.750	0.00	0.01	0.954	O	|	|	|	4.95
82.833	0.00	0.01	0.954	O	|	|	|	4.95
82.917	0.00	0.01	0.954	O	|	|	|	4.95
83.000	0.00	0.01	0.954	O	|	|	|	4.95
83.083	0.00	0.01	0.954	O	|	|	|	4.95
83.167	0.00	0.01	0.953	O	|	|	|	4.95
83.250	0.00	0.01	0.953	O	|	|	|	4.95
83.333	0.00	0.01	0.953	O	|	|	|	4.95
83.417	0.00	0.01	0.953	O	|	|	|	4.95
83.500	0.00	0.01	0.953	O	|	|	|	4.95
83.583	0.00	0.01	0.953	O	|	|	|	4.95
83.667	0.00	0.01	0.953	O	|	|	|	4.95

83.750	0.00	0.01	0.953	O				4.95
83.833	0.00	0.01	0.953	O				4.95
83.917	0.00	0.01	0.953	O				4.95
84.000	0.00	0.01	0.953	O				4.95
84.083	0.00	0.01	0.953	O				4.95
84.167	0.00	0.01	0.953	O				4.95
84.250	0.00	0.01	0.953	O				4.95
84.333	0.00	0.01	0.953	O				4.95
84.417	0.00	0.01	0.952	O				4.95
84.500	0.00	0.01	0.952	O				4.95
84.583	0.00	0.01	0.952	O				4.94
84.667	0.00	0.01	0.952	O				4.94
84.750	0.00	0.01	0.952	O				4.94
84.833	0.00	0.01	0.952	O				4.94
84.917	0.00	0.01	0.952	O				4.94
85.000	0.00	0.01	0.952	O				4.94
85.083	0.00	0.01	0.952	O				4.94
85.167	0.00	0.01	0.952	O				4.94
85.250	0.00	0.01	0.952	O				4.94
85.333	0.00	0.01	0.952	O				4.94
85.417	0.00	0.01	0.952	O				4.94
85.500	0.00	0.01	0.952	O				4.94
85.583	0.00	0.01	0.952	O				4.94
85.667	0.00	0.01	0.951	O				4.94
85.750	0.00	0.01	0.951	O				4.94
85.833	0.00	0.01	0.951	O				4.94
85.917	0.00	0.01	0.951	O				4.94
86.000	0.00	0.01	0.951	O				4.94
86.083	0.00	0.01	0.951	O				4.94
86.167	0.00	0.01	0.951	O				4.94
86.250	0.00	0.01	0.951	O				4.94
86.333	0.00	0.01	0.951	O				4.94
86.417	0.00	0.01	0.951	O				4.94
86.500	0.00	0.01	0.951	O				4.94
86.583	0.00	0.01	0.951	O				4.94
86.667	0.00	0.01	0.951	O				4.94
86.750	0.00	0.01	0.951	O				4.94
86.833	0.00	0.01	0.950	O				4.94
86.917	0.00	0.01	0.950	O				4.93
87.000	0.00	0.01	0.950	O				4.93
87.083	0.00	0.01	0.950	O				4.93
87.167	0.00	0.01	0.950	O				4.93
87.250	0.00	0.01	0.950	O				4.93
87.333	0.00	0.01	0.950	O				4.93
87.417	0.00	0.01	0.950	O				4.93
87.500	0.00	0.01	0.950	O				4.93
87.583	0.00	0.01	0.950	O				4.93
87.667	0.00	0.01	0.950	O				4.93
87.750	0.00	0.01	0.950	O				4.93
87.833	0.00	0.01	0.950	O				4.93
87.917	0.00	0.01	0.950	O				4.93
88.000	0.00	0.01	0.950	O				4.93
88.083	0.00	0.01	0.949	O				4.93
88.167	0.00	0.01	0.949	O				4.93
88.250	0.00	0.01	0.949	O				4.93
88.333	0.00	0.01	0.949	O				4.93
88.417	0.00	0.01	0.949	O				4.93

88.500	0.00	0.01	0.949	O				4.93
88.583	0.00	0.01	0.949	O				4.93
88.667	0.00	0.01	0.949	O				4.93
88.750	0.00	0.01	0.949	O				4.93
88.833	0.00	0.01	0.949	O				4.93
88.917	0.00	0.01	0.949	O				4.93
89.000	0.00	0.01	0.949	O				4.93
89.083	0.00	0.01	0.949	O				4.93
89.167	0.00	0.01	0.949	O				4.93
89.250	0.00	0.01	0.948	O				4.92
89.333	0.00	0.01	0.948	O				4.92
89.417	0.00	0.01	0.948	O				4.92
89.500	0.00	0.01	0.948	O				4.92
89.583	0.00	0.01	0.948	O				4.92
89.667	0.00	0.01	0.948	O				4.92
89.750	0.00	0.01	0.948	O				4.92
89.833	0.00	0.01	0.948	O				4.92
89.917	0.00	0.01	0.948	O				4.92
90.000	0.00	0.01	0.948	O				4.92
90.083	0.00	0.01	0.948	O				4.92
90.167	0.00	0.01	0.948	O				4.92
90.250	0.00	0.01	0.948	O				4.92
90.333	0.00	0.01	0.948	O				4.92
90.417	0.00	0.01	0.948	O				4.92
90.500	0.00	0.01	0.947	O				4.92
90.583	0.00	0.01	0.947	O				4.92
90.667	0.00	0.01	0.947	O				4.92
90.750	0.00	0.01	0.947	O				4.92
90.833	0.00	0.01	0.947	O				4.92
90.917	0.00	0.01	0.947	O				4.92
91.000	0.00	0.01	0.947	O				4.92
91.083	0.00	0.01	0.947	O				4.92
91.167	0.00	0.01	0.947	O				4.92
91.250	0.00	0.01	0.947	O				4.92
91.333	0.00	0.01	0.947	O				4.92
91.417	0.00	0.01	0.947	O				4.92
91.500	0.00	0.01	0.947	O				4.92
91.583	0.00	0.01	0.947	O				4.91
91.667	0.00	0.01	0.946	O				4.91
91.750	0.00	0.01	0.946	O				4.91
91.833	0.00	0.01	0.946	O				4.91
91.917	0.00	0.01	0.946	O				4.91
92.000	0.00	0.01	0.946	O				4.91
92.083	0.00	0.01	0.946	O				4.91
92.167	0.00	0.01	0.946	O				4.91
92.250	0.00	0.01	0.946	O				4.91
92.333	0.00	0.01	0.946	O				4.91
92.417	0.00	0.01	0.946	O				4.91
92.500	0.00	0.01	0.946	O				4.91
92.583	0.00	0.01	0.946	O				4.91
92.667	0.00	0.01	0.946	O				4.91
92.750	0.00	0.01	0.946	O				4.91
92.833	0.00	0.01	0.946	O				4.91
92.917	0.00	0.01	0.945	O				4.91
93.000	0.00	0.01	0.945	O				4.91
93.083	0.00	0.01	0.945	O				4.91
93.167	0.00	0.01	0.945	O				4.91

93.250	0.00	0.01	0.945	O				4.91
93.333	0.00	0.01	0.945	O				4.91
93.417	0.00	0.01	0.945	O				4.91
93.500	0.00	0.01	0.945	O				4.91
93.583	0.00	0.01	0.945	O				4.91
93.667	0.00	0.01	0.945	O				4.91
93.750	0.00	0.01	0.945	O				4.91
93.833	0.00	0.01	0.945	O				4.91
93.917	0.00	0.01	0.945	O				4.90
94.000	0.00	0.01	0.945	O				4.90
94.083	0.00	0.01	0.944	O				4.90
94.167	0.00	0.01	0.944	O				4.90
94.250	0.00	0.01	0.944	O				4.90
94.333	0.00	0.01	0.944	O				4.90
94.417	0.00	0.01	0.944	O				4.90
94.500	0.00	0.01	0.944	O				4.90
94.583	0.00	0.01	0.944	O				4.90
94.667	0.00	0.01	0.944	O				4.90
94.750	0.00	0.01	0.944	O				4.90
94.833	0.00	0.01	0.944	O				4.90
94.917	0.00	0.01	0.944	O				4.90
95.000	0.00	0.01	0.944	O				4.90
95.083	0.00	0.01	0.944	O				4.90
95.167	0.00	0.01	0.944	O				4.90
95.250	0.00	0.01	0.944	O				4.90
95.333	0.00	0.01	0.943	O				4.90
95.417	0.00	0.01	0.943	O				4.90
95.500	0.00	0.01	0.943	O				4.90
95.583	0.00	0.01	0.943	O				4.90
95.667	0.00	0.01	0.943	O				4.90
95.750	0.00	0.01	0.943	O				4.90
95.833	0.00	0.01	0.943	O				4.90
95.917	0.00	0.01	0.943	O				4.90
96.000	0.00	0.01	0.943	O				4.90
96.083	0.00	0.01	0.943	O				4.90
96.167	0.00	0.01	0.943	O				4.90
96.250	0.00	0.01	0.943	O				4.89
96.333	0.00	0.01	0.943	O				4.89
96.417	0.00	0.01	0.943	O				4.89
96.500	0.00	0.01	0.942	O				4.89
96.583	0.00	0.01	0.942	O				4.89
96.667	0.00	0.01	0.942	O				4.89
96.750	0.00	0.01	0.942	O				4.89
96.833	0.00	0.01	0.942	O				4.89
96.917	0.00	0.01	0.942	O				4.89
97.000	0.00	0.01	0.942	O				4.89
97.083	0.00	0.01	0.942	O				4.89
97.167	0.00	0.01	0.942	O				4.89
97.250	0.00	0.01	0.942	O				4.89
97.333	0.00	0.01	0.942	O				4.89
97.417	0.00	0.01	0.942	O				4.89
97.500	0.00	0.01	0.942	O				4.89
97.583	0.00	0.01	0.942	O				4.89
97.667	0.00	0.01	0.942	O				4.89
97.750	0.00	0.01	0.941	O				4.89
97.833	0.00	0.01	0.941	O				4.89
97.917	0.00	0.01	0.941	O				4.89

98.000	0.00	0.01	0.941	O				4.89
98.083	0.00	0.01	0.941	O				4.89
98.167	0.00	0.01	0.941	O				4.89
98.250	0.00	0.01	0.941	O				4.89
98.333	0.00	0.01	0.941	O				4.89
98.417	0.00	0.01	0.941	O				4.89
98.500	0.00	0.01	0.941	O				4.89
98.583	0.00	0.01	0.941	O				4.88
98.667	0.00	0.01	0.941	O				4.88
98.750	0.00	0.01	0.941	O				4.88
98.833	0.00	0.01	0.941	O				4.88
98.917	0.00	0.01	0.940	O				4.88
99.000	0.00	0.01	0.940	O				4.88
99.083	0.00	0.01	0.940	O				4.88
99.167	0.00	0.01	0.940	O				4.88
99.250	0.00	0.01	0.940	O				4.88
99.333	0.00	0.01	0.940	O				4.88
99.417	0.00	0.01	0.940	O				4.88
99.500	0.00	0.01	0.940	O				4.88
99.583	0.00	0.01	0.940	O				4.88
99.667	0.00	0.01	0.940	O				4.88
99.750	0.00	0.01	0.940	O				4.88
99.833	0.00	0.01	0.940	O				4.88
99.917	0.00	0.01	0.940	O				4.88
100.000	0.00	0.01	0.940	O				4.88
100.083	0.00	0.01	0.940	O				4.88
100.167	0.00	0.01	0.939	O				4.88
100.250	0.00	0.01	0.939	O				4.88
100.333	0.00	0.01	0.939	O				4.88
100.417	0.00	0.01	0.939	O				4.88
100.500	0.00	0.01	0.939	O				4.88
100.583	0.00	0.01	0.939	O				4.88
100.667	0.00	0.01	0.939	O				4.88
100.750	0.00	0.01	0.939	O				4.88
100.833	0.00	0.01	0.939	O				4.88
100.917	0.00	0.01	0.939	O				4.87
101.000	0.00	0.01	0.939	O				4.87
101.083	0.00	0.01	0.939	O				4.87
101.167	0.00	0.01	0.939	O				4.87
101.250	0.00	0.01	0.939	O				4.87
101.333	0.00	0.01	0.938	O				4.87
101.417	0.00	0.01	0.938	O				4.87
101.500	0.00	0.01	0.938	O				4.87
101.583	0.00	0.01	0.938	O				4.87
101.667	0.00	0.01	0.938	O				4.87
101.750	0.00	0.01	0.938	O				4.87
101.833	0.00	0.01	0.938	O				4.87
101.917	0.00	0.01	0.938	O				4.87
102.000	0.00	0.01	0.938	O				4.87
102.083	0.00	0.01	0.938	O				4.87
102.167	0.00	0.01	0.938	O				4.87
102.250	0.00	0.01	0.938	O				4.87
102.333	0.00	0.01	0.938	O				4.87
102.417	0.00	0.01	0.938	O				4.87
102.500	0.00	0.01	0.938	O				4.87
102.583	0.00	0.01	0.937	O				4.87
102.667	0.00	0.01	0.937	O				4.87

102.750	0.00	0.01	0.937	O				4.87
102.833	0.00	0.01	0.937	O				4.87
102.917	0.00	0.01	0.937	O				4.87
103.000	0.00	0.01	0.937	O				4.87
103.083	0.00	0.01	0.937	O				4.87
103.167	0.00	0.01	0.937	O				4.87
103.250	0.00	0.01	0.937	O				4.86
103.333	0.00	0.01	0.937	O				4.86
103.417	0.00	0.01	0.937	O				4.86
103.500	0.00	0.01	0.937	O				4.86
103.583	0.00	0.01	0.937	O				4.86
103.667	0.00	0.01	0.937	O				4.86
103.750	0.00	0.01	0.936	O				4.86
103.833	0.00	0.01	0.936	O				4.86
103.917	0.00	0.01	0.936	O				4.86
104.000	0.00	0.01	0.936	O				4.86
104.083	0.00	0.01	0.936	O				4.86
104.167	0.00	0.01	0.936	O				4.86
104.250	0.00	0.01	0.936	O				4.86
104.333	0.00	0.01	0.936	O				4.86
104.417	0.00	0.01	0.936	O				4.86
104.500	0.00	0.01	0.936	O				4.86
104.583	0.00	0.01	0.936	O				4.86
104.667	0.00	0.01	0.936	O				4.86
104.750	0.00	0.01	0.936	O				4.86
104.833	0.00	0.01	0.936	O				4.86
104.917	0.00	0.01	0.936	O				4.86
105.000	0.00	0.01	0.935	O				4.86
105.083	0.00	0.01	0.935	O				4.86
105.167	0.00	0.01	0.935	O				4.86
105.250	0.00	0.01	0.935	O				4.86
105.333	0.00	0.01	0.935	O				4.86
105.417	0.00	0.01	0.935	O				4.86
105.500	0.00	0.01	0.935	O				4.86
105.583	0.00	0.01	0.935	O				4.85
105.667	0.00	0.01	0.935	O				4.85
105.750	0.00	0.01	0.935	O				4.85
105.833	0.00	0.01	0.935	O				4.85
105.917	0.00	0.01	0.935	O				4.85
106.000	0.00	0.01	0.935	O				4.85
106.083	0.00	0.01	0.935	O				4.85
106.167	0.00	0.01	0.934	O				4.85
106.250	0.00	0.01	0.934	O				4.85
106.333	0.00	0.01	0.934	O				4.85
106.417	0.00	0.01	0.934	O				4.85
106.500	0.00	0.01	0.934	O				4.85
106.583	0.00	0.01	0.934	O				4.85
106.667	0.00	0.01	0.934	O				4.85
106.750	0.00	0.01	0.934	O				4.85
106.833	0.00	0.01	0.934	O				4.85
106.917	0.00	0.01	0.934	O				4.85
107.000	0.00	0.01	0.934	O				4.85
107.083	0.00	0.01	0.934	O				4.85
107.167	0.00	0.01	0.934	O				4.85
107.250	0.00	0.01	0.934	O				4.85
107.333	0.00	0.01	0.934	O				4.85
107.417	0.00	0.01	0.933	O				4.85

107.500	0.00	0.01	0.933	O	|	|	|	4.85
107.583	0.00	0.01	0.933	O	|	|	|	4.85
107.667	0.00	0.01	0.933	O	|	|	|	4.85
107.750	0.00	0.01	0.933	O	|	|	|	4.85
107.833	0.00	0.01	0.933	O	|	|	|	4.85
107.917	0.00	0.01	0.933	O	|	|	|	4.84
108.000	0.00	0.01	0.933	O	|	|	|	4.84
108.083	0.00	0.01	0.933	O	|	|	|	4.84
108.167	0.00	0.01	0.933	O	|	|	|	4.84
108.250	0.00	0.01	0.933	O	|	|	|	4.84
108.333	0.00	0.01	0.933	O	|	|	|	4.84
108.417	0.00	0.01	0.933	O	|	|	|	4.84
108.500	0.00	0.01	0.933	O	|	|	|	4.84
108.583	0.00	0.01	0.932	O	|	|	|	4.84
108.667	0.00	0.01	0.932	O	|	|	|	4.84
108.750	0.00	0.01	0.932	O	|	|	|	4.84
108.833	0.00	0.01	0.932	O	|	|	|	4.84
108.917	0.00	0.01	0.932	O	|	|	|	4.84
109.000	0.00	0.01	0.932	O	|	|	|	4.84
109.083	0.00	0.01	0.932	O	|	|	|	4.84
109.167	0.00	0.01	0.932	O	|	|	|	4.84
109.250	0.00	0.01	0.932	O	|	|	|	4.84
109.333	0.00	0.01	0.932	O	|	|	|	4.84
109.417	0.00	0.01	0.932	O	|	|	|	4.84
109.500	0.00	0.01	0.932	O	|	|	|	4.84
109.583	0.00	0.01	0.932	O	|	|	|	4.84
109.667	0.00	0.01	0.932	O	|	|	|	4.84
109.750	0.00	0.01	0.932	O	|	|	|	4.84
109.833	0.00	0.01	0.931	O	|	|	|	4.84
109.917	0.00	0.01	0.931	O	|	|	|	4.84
110.000	0.00	0.01	0.931	O	|	|	|	4.84
110.083	0.00	0.01	0.931	O	|	|	|	4.84
110.167	0.00	0.01	0.931	O	|	|	|	4.84
110.250	0.00	0.01	0.931	O	|	|	|	4.83
110.333	0.00	0.01	0.931	O	|	|	|	4.83
110.417	0.00	0.01	0.931	O	|	|	|	4.83
110.500	0.00	0.01	0.931	O	|	|	|	4.83
110.583	0.00	0.01	0.931	O	|	|	|	4.83
110.667	0.00	0.01	0.931	O	|	|	|	4.83
110.750	0.00	0.01	0.931	O	|	|	|	4.83
110.833	0.00	0.01	0.931	O	|	|	|	4.83
110.917	0.00	0.01	0.931	O	|	|	|	4.83
111.000	0.00	0.01	0.930	O	|	|	|	4.83
111.083	0.00	0.01	0.930	O	|	|	|	4.83
111.167	0.00	0.01	0.930	O	|	|	|	4.83
111.250	0.00	0.01	0.930	O	|	|	|	4.83
111.333	0.00	0.01	0.930	O	|	|	|	4.83
111.417	0.00	0.01	0.930	O	|	|	|	4.83
111.500	0.00	0.01	0.930	O	|	|	|	4.83
111.583	0.00	0.01	0.930	O	|	|	|	4.83
111.667	0.00	0.01	0.930	O	|	|	|	4.83
111.750	0.00	0.01	0.930	O	|	|	|	4.83
111.833	0.00	0.01	0.930	O	|	|	|	4.83
111.917	0.00	0.01	0.930	O	|	|	|	4.83
112.000	0.00	0.01	0.930	O	|	|	|	4.83
112.083	0.00	0.01	0.930	O	|	|	|	4.83
112.167	0.00	0.01	0.930	O	|	|	|	4.83

112.250	0.00	0.01	0.929	O	|	|	|	4.83
112.333	0.00	0.01	0.929	O	|	|	|	4.83
112.417	0.00	0.01	0.929	O	|	|	|	4.83
112.500	0.00	0.01	0.929	O	|	|	|	4.83
112.583	0.00	0.01	0.929	O	|	|	|	4.82
112.667	0.00	0.01	0.929	O	|	|	|	4.82
112.750	0.00	0.01	0.929	O	|	|	|	4.82
112.833	0.00	0.01	0.929	O	|	|	|	4.82
112.917	0.00	0.01	0.929	O	|	|	|	4.82
113.000	0.00	0.01	0.929	O	|	|	|	4.82
113.083	0.00	0.01	0.929	O	|	|	|	4.82
113.167	0.00	0.01	0.929	O	|	|	|	4.82
113.250	0.00	0.01	0.929	O	|	|	|	4.82
113.333	0.00	0.01	0.929	O	|	|	|	4.82
113.417	0.00	0.01	0.928	O	|	|	|	4.82
113.500	0.00	0.01	0.928	O	|	|	|	4.82
113.583	0.00	0.01	0.928	O	|	|	|	4.82
113.667	0.00	0.01	0.928	O	|	|	|	4.82
113.750	0.00	0.01	0.928	O	|	|	|	4.82
113.833	0.00	0.01	0.928	O	|	|	|	4.82
113.917	0.00	0.01	0.928	O	|	|	|	4.82
114.000	0.00	0.01	0.928	O	|	|	|	4.82
114.083	0.00	0.01	0.928	O	|	|	|	4.82
114.167	0.00	0.01	0.928	O	|	|	|	4.82
114.250	0.00	0.01	0.928	O	|	|	|	4.82
114.333	0.00	0.01	0.928	O	|	|	|	4.82
114.417	0.00	0.01	0.928	O	|	|	|	4.82
114.500	0.00	0.01	0.928	O	|	|	|	4.82
114.583	0.00	0.01	0.928	O	|	|	|	4.82
114.667	0.00	0.01	0.927	O	|	|	|	4.82
114.750	0.00	0.01	0.927	O	|	|	|	4.82
114.833	0.00	0.01	0.927	O	|	|	|	4.82
114.917	0.00	0.01	0.927	O	|	|	|	4.81
115.000	0.00	0.01	0.927	O	|	|	|	4.81
115.083	0.00	0.01	0.927	O	|	|	|	4.81
115.167	0.00	0.01	0.927	O	|	|	|	4.81
115.250	0.00	0.01	0.927	O	|	|	|	4.81
115.333	0.00	0.01	0.927	O	|	|	|	4.81
115.417	0.00	0.01	0.927	O	|	|	|	4.81
115.500	0.00	0.01	0.927	O	|	|	|	4.81
115.583	0.00	0.01	0.927	O	|	|	|	4.81
115.667	0.00	0.01	0.927	O	|	|	|	4.81
115.750	0.00	0.01	0.927	O	|	|	|	4.81
115.833	0.00	0.01	0.927	O	|	|	|	4.81
115.917	0.00	0.01	0.926	O	|	|	|	4.81
116.000	0.00	0.01	0.926	O	|	|	|	4.81
116.083	0.00	0.01	0.926	O	|	|	|	4.81
116.167	0.00	0.01	0.926	O	|	|	|	4.81
116.250	0.00	0.01	0.926	O	|	|	|	4.81
116.333	0.00	0.01	0.926	O	|	|	|	4.81
116.417	0.00	0.01	0.926	O	|	|	|	4.81
116.500	0.00	0.01	0.926	O	|	|	|	4.81
116.583	0.00	0.01	0.926	O	|	|	|	4.81
116.667	0.00	0.01	0.926	O	|	|	|	4.81
116.750	0.00	0.01	0.926	O	|	|	|	4.81
116.833	0.00	0.01	0.926	O	|	|	|	4.81
116.917	0.00	0.01	0.926	O	|	|	|	4.81

117.000	0.00	0.01	0.926	O	|	|	|	4.81
117.083	0.00	0.01	0.925	O	|	|	|	4.81
117.167	0.00	0.01	0.925	O	|	|	|	4.81
117.250	0.00	0.01	0.925	O	|	|	|	4.80
117.333	0.00	0.01	0.925	O	|	|	|	4.80
117.417	0.00	0.01	0.925	O	|	|	|	4.80
117.500	0.00	0.01	0.925	O	|	|	|	4.80
117.583	0.00	0.01	0.925	O	|	|	|	4.80
117.667	0.00	0.01	0.925	O	|	|	|	4.80
117.750	0.00	0.01	0.925	O	|	|	|	4.80
117.833	0.00	0.01	0.925	O	|	|	|	4.80
117.917	0.00	0.01	0.925	O	|	|	|	4.80
118.000	0.00	0.01	0.925	O	|	|	|	4.80
118.083	0.00	0.01	0.925	O	|	|	|	4.80
118.167	0.00	0.01	0.925	O	|	|	|	4.80
118.250	0.00	0.01	0.925	O	|	|	|	4.80
118.333	0.00	0.01	0.924	O	|	|	|	4.80
118.417	0.00	0.01	0.924	O	|	|	|	4.80
118.500	0.00	0.01	0.924	O	|	|	|	4.80
118.583	0.00	0.01	0.924	O	|	|	|	4.80
118.667	0.00	0.01	0.924	O	|	|	|	4.80
118.750	0.00	0.01	0.924	O	|	|	|	4.80
118.833	0.00	0.01	0.924	O	|	|	|	4.80
118.917	0.00	0.01	0.924	O	|	|	|	4.80
119.000	0.00	0.01	0.924	O	|	|	|	4.80
119.083	0.00	0.01	0.924	O	|	|	|	4.80
119.167	0.00	0.01	0.924	O	|	|	|	4.80
119.250	0.00	0.01	0.924	O	|	|	|	4.80
119.333	0.00	0.01	0.924	O	|	|	|	4.80
119.417	0.00	0.01	0.924	O	|	|	|	4.80
119.500	0.00	0.01	0.923	O	|	|	|	4.80
119.583	0.00	0.01	0.923	O	|	|	|	4.79
119.667	0.00	0.01	0.923	O	|	|	|	4.79
119.750	0.00	0.01	0.923	O	|	|	|	4.79
119.833	0.00	0.01	0.923	O	|	|	|	4.79
119.917	0.00	0.01	0.923	O	|	|	|	4.79
120.000	0.00	0.01	0.923	O	|	|	|	4.79
120.083	0.00	0.01	0.923	O	|	|	|	4.79
120.167	0.00	0.01	0.923	O	|	|	|	4.79
120.250	0.00	0.01	0.923	O	|	|	|	4.79
120.333	0.00	0.01	0.923	O	|	|	|	4.79
120.417	0.00	0.01	0.923	O	|	|	|	4.79
120.500	0.00	0.01	0.923	O	|	|	|	4.79
120.583	0.00	0.01	0.923	O	|	|	|	4.79
120.667	0.00	0.01	0.923	O	|	|	|	4.79
120.750	0.00	0.01	0.922	O	|	|	|	4.79
120.833	0.00	0.01	0.922	O	|	|	|	4.79
120.917	0.00	0.01	0.922	O	|	|	|	4.79
121.000	0.00	0.01	0.922	O	|	|	|	4.79
121.083	0.00	0.01	0.922	O	|	|	|	4.79
121.167	0.00	0.01	0.922	O	|	|	|	4.79
121.250	0.00	0.01	0.922	O	|	|	|	4.79
121.333	0.00	0.01	0.922	O	|	|	|	4.79
121.417	0.00	0.01	0.922	O	|	|	|	4.79
121.500	0.00	0.01	0.922	O	|	|	|	4.79
121.583	0.00	0.01	0.922	O	|	|	|	4.79
121.667	0.00	0.01	0.922	O	|	|	|	4.79

121.750	0.00	0.01	0.922	O					4.79
121.833	0.00	0.01	0.922	O					4.79
121.917	0.00	0.01	0.921	O					4.78
122.000	0.00	0.01	0.921	O					4.78
122.083	0.00	0.01	0.921	O					4.78
122.167	0.00	0.01	0.921	O					4.78
122.250	0.00	0.01	0.921	O					4.78
122.333	0.00	0.01	0.921	O					4.78
122.417	0.00	0.01	0.921	O					4.78
122.500	0.00	0.01	0.921	O					4.78
122.583	0.00	0.01	0.921	O					4.78
122.667	0.00	0.01	0.921	O					4.78
122.750	0.00	0.01	0.921	O					4.78
122.833	0.00	0.01	0.921	O					4.78
122.917	0.00	0.01	0.921	O					4.78
123.000	0.00	0.01	0.921	O					4.78
123.083	0.00	0.01	0.921	O					4.78
123.167	0.00	0.01	0.920	O					4.78
123.250	0.00	0.01	0.920	O					4.78
123.333	0.00	0.01	0.920	O					4.78
123.417	0.00	0.01	0.920	O					4.78
123.500	0.00	0.01	0.920	O					4.78
123.583	0.00	0.01	0.920	O					4.78
123.667	0.00	0.01	0.920	O					4.78
123.750	0.00	0.01	0.920	O					4.78
123.833	0.00	0.01	0.920	O					4.78
123.917	0.00	0.01	0.920	O					4.78
124.000	0.00	0.01	0.920	O					4.78
124.083	0.00	0.01	0.920	O					4.78
124.167	0.00	0.01	0.920	O					4.78
124.250	0.00	0.01	0.920	O					4.77
124.333	0.00	0.01	0.919	O					4.77
124.417	0.00	0.01	0.919	O					4.77
124.500	0.00	0.01	0.919	O					4.77
124.583	0.00	0.01	0.919	O					4.77
124.667	0.00	0.01	0.919	O					4.77
124.750	0.00	0.01	0.919	O					4.77
124.833	0.00	0.01	0.919	O					4.77
124.917	0.00	0.01	0.919	O					4.77
125.000	0.00	0.01	0.919	O					4.77
125.083	0.00	0.01	0.919	O					4.77
125.167	0.00	0.01	0.919	O					4.77
125.250	0.00	0.01	0.919	O					4.77
125.333	0.00	0.01	0.919	O					4.77
125.417	0.00	0.01	0.919	O					4.77
125.500	0.00	0.01	0.919	O					4.77
125.583	0.00	0.01	0.918	O					4.77
125.667	0.00	0.01	0.918	O					4.77
125.750	0.00	0.01	0.918	O					4.77
125.833	0.00	0.01	0.918	O					4.77
125.917	0.00	0.01	0.918	O					4.77
126.000	0.00	0.01	0.918	O					4.77
126.083	0.00	0.01	0.918	O					4.77
126.167	0.00	0.01	0.918	O					4.77
126.250	0.00	0.01	0.918	O					4.77
126.333	0.00	0.01	0.918	O					4.77
126.417	0.00	0.01	0.918	O					4.77

126.500	0.00	0.01	0.918	O	|	|	|	|	4.77
126.583	0.00	0.01	0.918	O	|	|	|	|	4.76
126.667	0.00	0.01	0.918	O	|	|	|	|	4.76
126.750	0.00	0.01	0.917	O	|	|	|	|	4.76
126.833	0.00	0.01	0.917	O	|	|	|	|	4.76
126.917	0.00	0.01	0.917	O	|	|	|	|	4.76
127.000	0.00	0.01	0.917	O	|	|	|	|	4.76
127.083	0.00	0.01	0.917	O	|	|	|	|	4.76
127.167	0.00	0.01	0.917	O	|	|	|	|	4.76
127.250	0.00	0.01	0.917	O	|	|	|	|	4.76
127.333	0.00	0.01	0.917	O	|	|	|	|	4.76
127.417	0.00	0.01	0.917	O	|	|	|	|	4.76
127.500	0.00	0.01	0.917	O	|	|	|	|	4.76
127.583	0.00	0.01	0.917	O	|	|	|	|	4.76
127.667	0.00	0.01	0.917	O	|	|	|	|	4.76
127.750	0.00	0.01	0.917	O	|	|	|	|	4.76
127.833	0.00	0.01	0.917	O	|	|	|	|	4.76
127.917	0.00	0.01	0.917	O	|	|	|	|	4.76
128.000	0.00	0.01	0.916	O	|	|	|	|	4.76
128.083	0.00	0.01	0.916	O	|	|	|	|	4.76
128.167	0.00	0.01	0.916	O	|	|	|	|	4.76
128.250	0.00	0.01	0.916	O	|	|	|	|	4.76
128.333	0.00	0.01	0.916	O	|	|	|	|	4.76
128.417	0.00	0.01	0.916	O	|	|	|	|	4.76
128.500	0.00	0.01	0.916	O	|	|	|	|	4.76
128.583	0.00	0.01	0.916	O	|	|	|	|	4.76
128.667	0.00	0.01	0.916	O	|	|	|	|	4.76
128.750	0.00	0.01	0.916	O	|	|	|	|	4.76
128.833	0.00	0.01	0.916	O	|	|	|	|	4.76
128.917	0.00	0.01	0.916	O	|	|	|	|	4.75
129.000	0.00	0.01	0.916	O	|	|	|	|	4.75
129.083	0.00	0.01	0.916	O	|	|	|	|	4.75
129.167	0.00	0.01	0.915	O	|	|	|	|	4.75
129.250	0.00	0.01	0.915	O	|	|	|	|	4.75
129.333	0.00	0.01	0.915	O	|	|	|	|	4.75
129.417	0.00	0.01	0.915	O	|	|	|	|	4.75
129.500	0.00	0.01	0.915	O	|	|	|	|	4.75
129.583	0.00	0.01	0.915	O	|	|	|	|	4.75
129.667	0.00	0.01	0.915	O	|	|	|	|	4.75
129.750	0.00	0.01	0.915	O	|	|	|	|	4.75
129.833	0.00	0.01	0.915	O	|	|	|	|	4.75
129.917	0.00	0.01	0.915	O	|	|	|	|	4.75
130.000	0.00	0.01	0.915	O	|	|	|	|	4.75
130.083	0.00	0.01	0.915	O	|	|	|	|	4.75
130.167	0.00	0.01	0.915	O	|	|	|	|	4.75
130.250	0.00	0.01	0.915	O	|	|	|	|	4.75
130.333	0.00	0.01	0.915	O	|	|	|	|	4.75
130.417	0.00	0.01	0.914	O	|	|	|	|	4.75
130.500	0.00	0.01	0.914	O	|	|	|	|	4.75
130.583	0.00	0.01	0.914	O	|	|	|	|	4.75
130.667	0.00	0.01	0.914	O	|	|	|	|	4.75
130.750	0.00	0.01	0.914	O	|	|	|	|	4.75
130.833	0.00	0.01	0.914	O	|	|	|	|	4.75
130.917	0.00	0.01	0.914	O	|	|	|	|	4.75
131.000	0.00	0.01	0.914	O	|	|	|	|	4.75
131.083	0.00	0.01	0.914	O	|	|	|	|	4.75
131.167	0.00	0.01	0.914	O	|	|	|	|	4.75

131.250	0.00	0.01	0.914	O					4.74
131.333	0.00	0.01	0.914	O					4.74
131.417	0.00	0.01	0.914	O					4.74
131.500	0.00	0.01	0.914	O					4.74
131.583	0.00	0.01	0.913	O					4.74
131.667	0.00	0.01	0.913	O					4.74
131.750	0.00	0.01	0.913	O					4.74
131.833	0.00	0.01	0.913	O					4.74
131.917	0.00	0.01	0.913	O					4.74
132.000	0.00	0.01	0.913	O					4.74
132.083	0.00	0.01	0.913	O					4.74
132.167	0.00	0.01	0.913	O					4.74
132.250	0.00	0.01	0.913	O					4.74
132.333	0.00	0.01	0.913	O					4.74
132.417	0.00	0.01	0.913	O					4.74
132.500	0.00	0.01	0.913	O					4.74
132.583	0.00	0.01	0.913	O					4.74
132.667	0.00	0.01	0.913	O					4.74
132.750	0.00	0.01	0.913	O					4.74
132.833	0.00	0.01	0.912	O					4.74
132.917	0.00	0.01	0.912	O					4.74
133.000	0.00	0.01	0.912	O					4.74
133.083	0.00	0.01	0.912	O					4.74
133.167	0.00	0.01	0.912	O					4.74
133.250	0.00	0.01	0.912	O					4.74
133.333	0.00	0.01	0.912	O					4.74
133.417	0.00	0.01	0.912	O					4.74
133.500	0.00	0.01	0.912	O					4.74
133.583	0.00	0.01	0.912	O					4.73
133.667	0.00	0.01	0.912	O					4.73
133.750	0.00	0.01	0.912	O					4.73
133.833	0.00	0.01	0.912	O					4.73
133.917	0.00	0.01	0.912	O					4.73
134.000	0.00	0.01	0.911	O					4.73
134.083	0.00	0.01	0.911	O					4.73
134.167	0.00	0.01	0.911	O					4.73
134.250	0.00	0.01	0.911	O					4.73
134.333	0.00	0.01	0.911	O					4.73
134.417	0.00	0.01	0.911	O					4.73
134.500	0.00	0.01	0.911	O					4.73
134.583	0.00	0.01	0.911	O					4.73
134.667	0.00	0.01	0.911	O					4.73
134.750	0.00	0.01	0.911	O					4.73
134.833	0.00	0.01	0.911	O					4.73
134.917	0.00	0.01	0.911	O					4.73
135.000	0.00	0.01	0.911	O					4.73
135.083	0.00	0.01	0.911	O					4.73
135.167	0.00	0.01	0.911	O					4.73
135.250	0.00	0.01	0.910	O					4.73
135.333	0.00	0.01	0.910	O					4.73
135.417	0.00	0.01	0.910	O					4.73
135.500	0.00	0.01	0.910	O					4.73
135.583	0.00	0.01	0.910	O					4.73
135.667	0.00	0.01	0.910	O					4.73
135.750	0.00	0.01	0.910	O					4.73
135.833	0.00	0.01	0.910	O					4.73
135.917	0.00	0.01	0.910	O					4.72

136.000	0.00	0.01	0.910	O	|	|	|	|	4.72
136.083	0.00	0.01	0.910	O	|	|	|	|	4.72
136.167	0.00	0.01	0.910	O	|	|	|	|	4.72
136.250	0.00	0.01	0.910	O	|	|	|	|	4.72
136.333	0.00	0.01	0.910	O	|	|	|	|	4.72
136.417	0.00	0.01	0.909	O	|	|	|	|	4.72
136.500	0.00	0.01	0.909	O	|	|	|	|	4.72
136.583	0.00	0.01	0.909	O	|	|	|	|	4.72
136.667	0.00	0.01	0.909	O	|	|	|	|	4.72
136.750	0.00	0.01	0.909	O	|	|	|	|	4.72
136.833	0.00	0.01	0.909	O	|	|	|	|	4.72
136.917	0.00	0.01	0.909	O	|	|	|	|	4.72
137.000	0.00	0.01	0.909	O	|	|	|	|	4.72
137.083	0.00	0.01	0.909	O	|	|	|	|	4.72
137.167	0.00	0.01	0.909	O	|	|	|	|	4.72
137.250	0.00	0.01	0.909	O	|	|	|	|	4.72
137.333	0.00	0.01	0.909	O	|	|	|	|	4.72
137.417	0.00	0.01	0.909	O	|	|	|	|	4.72
137.500	0.00	0.01	0.909	O	|	|	|	|	4.72
137.583	0.00	0.01	0.909	O	|	|	|	|	4.72
137.667	0.00	0.01	0.908	O	|	|	|	|	4.72
137.750	0.00	0.01	0.908	O	|	|	|	|	4.72
137.833	0.00	0.01	0.908	O	|	|	|	|	4.72
137.917	0.00	0.01	0.908	O	|	|	|	|	4.72
138.000	0.00	0.01	0.908	O	|	|	|	|	4.72
138.083	0.00	0.01	0.908	O	|	|	|	|	4.72
138.167	0.00	0.01	0.908	O	|	|	|	|	4.72
138.250	0.00	0.01	0.908	O	|	|	|	|	4.71
138.333	0.00	0.01	0.908	O	|	|	|	|	4.71
138.417	0.00	0.01	0.908	O	|	|	|	|	4.71
138.500	0.00	0.01	0.908	O	|	|	|	|	4.71
138.583	0.00	0.01	0.908	O	|	|	|	|	4.71
138.667	0.00	0.01	0.908	O	|	|	|	|	4.71
138.750	0.00	0.01	0.908	O	|	|	|	|	4.71
138.833	0.00	0.01	0.907	O	|	|	|	|	4.71
138.917	0.00	0.01	0.907	O	|	|	|	|	4.71
139.000	0.00	0.01	0.907	O	|	|	|	|	4.71
139.083	0.00	0.01	0.907	O	|	|	|	|	4.71
139.167	0.00	0.01	0.907	O	|	|	|	|	4.71
139.250	0.00	0.01	0.907	O	|	|	|	|	4.71
139.333	0.00	0.01	0.907	O	|	|	|	|	4.71
139.417	0.00	0.01	0.907	O	|	|	|	|	4.71
139.500	0.00	0.01	0.907	O	|	|	|	|	4.71
139.583	0.00	0.01	0.907	O	|	|	|	|	4.71
139.667	0.00	0.01	0.907	O	|	|	|	|	4.71
139.750	0.00	0.01	0.907	O	|	|	|	|	4.71
139.833	0.00	0.01	0.907	O	|	|	|	|	4.71
139.917	0.00	0.01	0.907	O	|	|	|	|	4.71
140.000	0.00	0.01	0.907	O	|	|	|	|	4.71
140.083	0.00	0.01	0.906	O	|	|	|	|	4.71
140.167	0.00	0.01	0.906	O	|	|	|	|	4.71
140.250	0.00	0.01	0.906	O	|	|	|	|	4.71
140.333	0.00	0.01	0.906	O	|	|	|	|	4.71
140.417	0.00	0.01	0.906	O	|	|	|	|	4.71
140.500	0.00	0.01	0.906	O	|	|	|	|	4.71
140.583	0.00	0.01	0.906	O	|	|	|	|	4.70
140.667	0.00	0.01	0.906	O	|	|	|	|	4.70

140.750	0.00	0.01	0.906	O					4.70
140.833	0.00	0.01	0.906	O					4.70
140.917	0.00	0.01	0.906	O					4.70
141.000	0.00	0.01	0.906	O					4.70
141.083	0.00	0.01	0.906	O					4.70
141.167	0.00	0.01	0.906	O					4.70
141.250	0.00	0.01	0.905	O					4.70
141.333	0.00	0.01	0.905	O					4.70
141.417	0.00	0.01	0.905	O					4.70
141.500	0.00	0.01	0.905	O					4.70
141.583	0.00	0.01	0.905	O					4.70
141.667	0.00	0.01	0.905	O					4.70
141.750	0.00	0.01	0.905	O					4.70
141.833	0.00	0.01	0.905	O					4.70
141.917	0.00	0.01	0.905	O					4.70
142.000	0.00	0.01	0.905	O					4.70
142.083	0.00	0.01	0.905	O					4.70
142.167	0.00	0.01	0.905	O					4.70
142.250	0.00	0.01	0.905	O					4.70
142.333	0.00	0.01	0.905	O					4.70
142.417	0.00	0.01	0.905	O					4.70
142.500	0.00	0.01	0.904	O					4.70
142.583	0.00	0.01	0.904	O					4.70
142.667	0.00	0.01	0.904	O					4.70
142.750	0.00	0.01	0.904	O					4.70
142.833	0.00	0.01	0.904	O					4.70
142.917	0.00	0.01	0.904	O					4.69
143.000	0.00	0.01	0.904	O					4.69
143.083	0.00	0.01	0.904	O					4.69
143.167	0.00	0.01	0.904	O					4.69
143.250	0.00	0.01	0.904	O					4.69
143.333	0.00	0.01	0.904	O					4.69
143.417	0.00	0.01	0.904	O					4.69
143.500	0.00	0.01	0.904	O					4.69
143.583	0.00	0.01	0.904	O					4.69
143.667	0.00	0.01	0.903	O					4.69
143.750	0.00	0.01	0.903	O					4.69
143.833	0.00	0.01	0.903	O					4.69
143.917	0.00	0.01	0.903	O					4.69
144.000	0.00	0.01	0.903	O					4.69
144.083	0.00	0.01	0.903	O					4.69
144.167	0.00	0.01	0.903	O					4.69
144.250	0.00	0.01	0.903	O					4.69
144.333	0.00	0.01	0.903	O					4.69
144.417	0.00	0.01	0.903	O					4.69
144.500	0.00	0.01	0.903	O					4.69
144.583	0.00	0.01	0.903	O					4.69
144.667	0.00	0.01	0.903	O					4.69
144.750	0.00	0.01	0.903	O					4.69
144.833	0.00	0.01	0.903	O					4.69
144.917	0.00	0.01	0.902	O					4.69
145.000	0.00	0.01	0.902	O					4.69
145.083	0.00	0.01	0.902	O					4.69
145.167	0.00	0.01	0.902	O					4.69
145.250	0.00	0.01	0.902	O					4.68
145.333	0.00	0.01	0.902	O					4.68
145.417	0.00	0.01	0.902	O					4.68

145.500	0.00	0.01	0.902	O					4.68
145.583	0.00	0.01	0.902	O					4.68
145.667	0.00	0.01	0.902	O					4.68
145.750	0.00	0.01	0.902	O					4.68
145.833	0.00	0.01	0.902	O					4.68
145.917	0.00	0.01	0.902	O					4.68
146.000	0.00	0.01	0.902	O					4.68
146.083	0.00	0.01	0.902	O					4.68
146.167	0.00	0.01	0.901	O					4.68
146.250	0.00	0.01	0.901	O					4.68
146.333	0.00	0.01	0.901	O					4.68
146.417	0.00	0.01	0.901	O					4.68
146.500	0.00	0.01	0.901	O					4.68
146.583	0.00	0.01	0.901	O					4.68
146.667	0.00	0.01	0.901	O					4.68
146.750	0.00	0.01	0.901	O					4.68
146.833	0.00	0.01	0.901	O					4.68
146.917	0.00	0.01	0.901	O					4.68
147.000	0.00	0.01	0.901	O					4.68
147.083	0.00	0.01	0.901	O					4.68
147.167	0.00	0.01	0.901	O					4.68
147.250	0.00	0.01	0.901	O					4.68
147.333	0.00	0.01	0.900	O					4.68
147.417	0.00	0.01	0.900	O					4.68
147.500	0.00	0.01	0.900	O					4.68
147.583	0.00	0.01	0.900	O					4.67
147.667	0.00	0.01	0.900	O					4.67
147.750	0.00	0.01	0.900	O					4.67
147.833	0.00	0.01	0.900	O					4.67
147.917	0.00	0.01	0.900	O					4.67
148.000	0.00	0.01	0.900	O					4.67
148.083	0.00	0.01	0.900	O					4.67
148.167	0.00	0.01	0.900	O					4.67
148.250	0.00	0.01	0.900	O					4.67
148.333	0.00	0.01	0.900	O					4.67
148.417	0.00	0.01	0.900	O					4.67
148.500	0.00	0.01	0.900	O					4.67
148.583	0.00	0.01	0.899	O					4.67
148.667	0.00	0.01	0.899	O					4.67
148.750	0.00	0.01	0.899	O					4.67
148.833	0.00	0.01	0.899	O					4.67
148.917	0.00	0.01	0.899	O					4.67
149.000	0.00	0.01	0.899	O					4.67
149.083	0.00	0.01	0.899	O					4.67
149.167	0.00	0.01	0.899	O					4.67
149.250	0.00	0.01	0.899	O					4.67
149.333	0.00	0.01	0.899	O					4.67
149.417	0.00	0.01	0.899	O					4.67
149.500	0.00	0.01	0.899	O					4.67
149.583	0.00	0.01	0.899	O					4.67
149.667	0.00	0.01	0.899	O					4.67
149.750	0.00	0.01	0.898	O					4.67
149.833	0.00	0.01	0.898	O					4.67
149.917	0.00	0.01	0.898	O					4.66
150.000	0.00	0.01	0.898	O					4.66
150.083	0.00	0.01	0.898	O					4.66
150.167	0.00	0.01	0.898	O					4.66

150.250	0.00	0.01	0.898	O	|	|	|	4.66
150.333	0.00	0.01	0.898	O	|	|	|	4.66
150.417	0.00	0.01	0.898	O	|	|	|	4.66
150.500	0.00	0.01	0.898	O	|	|	|	4.66
150.583	0.00	0.01	0.898	O	|	|	|	4.66
150.667	0.00	0.01	0.898	O	|	|	|	4.66
150.750	0.00	0.01	0.898	O	|	|	|	4.66
150.833	0.00	0.01	0.898	O	|	|	|	4.66
150.917	0.00	0.01	0.898	O	|	|	|	4.66
151.000	0.00	0.01	0.897	O	|	|	|	4.66
151.083	0.00	0.01	0.897	O	|	|	|	4.66
151.167	0.00	0.01	0.897	O	|	|	|	4.66
151.250	0.00	0.01	0.897	O	|	|	|	4.66
151.333	0.00	0.01	0.897	O	|	|	|	4.66
151.417	0.00	0.01	0.897	O	|	|	|	4.66
151.500	0.00	0.01	0.897	O	|	|	|	4.66
151.583	0.00	0.01	0.897	O	|	|	|	4.66
151.667	0.00	0.01	0.897	O	|	|	|	4.66
151.750	0.00	0.01	0.897	O	|	|	|	4.66
151.833	0.00	0.01	0.897	O	|	|	|	4.66
151.917	0.00	0.01	0.897	O	|	|	|	4.66
152.000	0.00	0.01	0.897	O	|	|	|	4.66
152.083	0.00	0.01	0.897	O	|	|	|	4.66
152.167	0.00	0.01	0.896	O	|	|	|	4.66
152.250	0.00	0.01	0.896	O	|	|	|	4.65
152.333	0.00	0.01	0.896	O	|	|	|	4.65
152.417	0.00	0.01	0.896	O	|	|	|	4.65
152.500	0.00	0.01	0.896	O	|	|	|	4.65
152.583	0.00	0.01	0.896	O	|	|	|	4.65
152.667	0.00	0.01	0.896	O	|	|	|	4.65
152.750	0.00	0.01	0.896	O	|	|	|	4.65
152.833	0.00	0.01	0.896	O	|	|	|	4.65
152.917	0.00	0.01	0.896	O	|	|	|	4.65
153.000	0.00	0.01	0.896	O	|	|	|	4.65
153.083	0.00	0.01	0.896	O	|	|	|	4.65
153.167	0.00	0.01	0.896	O	|	|	|	4.65
153.250	0.00	0.01	0.896	O	|	|	|	4.65
153.333	0.00	0.01	0.896	O	|	|	|	4.65
153.417	0.00	0.01	0.895	O	|	|	|	4.65
153.500	0.00	0.01	0.895	O	|	|	|	4.65
153.583	0.00	0.01	0.895	O	|	|	|	4.65
153.667	0.00	0.01	0.895	O	|	|	|	4.65
153.750	0.00	0.01	0.895	O	|	|	|	4.65
153.833	0.00	0.01	0.895	O	|	|	|	4.65
153.917	0.00	0.01	0.895	O	|	|	|	4.65
154.000	0.00	0.01	0.895	O	|	|	|	4.65
154.083	0.00	0.01	0.895	O	|	|	|	4.65
154.167	0.00	0.01	0.895	O	|	|	|	4.65
154.250	0.00	0.01	0.895	O	|	|	|	4.65
154.333	0.00	0.01	0.895	O	|	|	|	4.65
154.417	0.00	0.01	0.895	O	|	|	|	4.65
154.500	0.00	0.01	0.895	O	|	|	|	4.65
154.583	0.00	0.01	0.894	O	|	|	|	4.64
154.667	0.00	0.01	0.894	O	|	|	|	4.64
154.750	0.00	0.01	0.894	O	|	|	|	4.64
154.833	0.00	0.01	0.894	O	|	|	|	4.64
154.917	0.00	0.01	0.894	O	|	|	|	4.64

155.000	0.00	0.01	0.894	O	|	|	|	4.64
155.083	0.00	0.01	0.894	O	|	|	|	4.64
155.167	0.00	0.01	0.894	O	|	|	|	4.64
155.250	0.00	0.01	0.894	O	|	|	|	4.64
155.333	0.00	0.01	0.894	O	|	|	|	4.64
155.417	0.00	0.01	0.894	O	|	|	|	4.64
155.500	0.00	0.01	0.894	O	|	|	|	4.64
155.583	0.00	0.01	0.894	O	|	|	|	4.64
155.667	0.00	0.01	0.894	O	|	|	|	4.64
155.750	0.00	0.01	0.894	O	|	|	|	4.64
155.833	0.00	0.01	0.893	O	|	|	|	4.64
155.917	0.00	0.01	0.893	O	|	|	|	4.64
156.000	0.00	0.01	0.893	O	|	|	|	4.64
156.083	0.00	0.01	0.893	O	|	|	|	4.64
156.167	0.00	0.01	0.893	O	|	|	|	4.64
156.250	0.00	0.01	0.893	O	|	|	|	4.64
156.333	0.00	0.01	0.893	O	|	|	|	4.64
156.417	0.00	0.01	0.893	O	|	|	|	4.64
156.500	0.00	0.01	0.893	O	|	|	|	4.64
156.583	0.00	0.01	0.893	O	|	|	|	4.64
156.667	0.00	0.01	0.893	O	|	|	|	4.64
156.750	0.00	0.01	0.893	O	|	|	|	4.64
156.833	0.00	0.01	0.893	O	|	|	|	4.64
156.917	0.00	0.01	0.893	O	|	|	|	4.63
157.000	0.00	0.01	0.892	O	|	|	|	4.63
157.083	0.00	0.01	0.892	O	|	|	|	4.63
157.167	0.00	0.01	0.892	O	|	|	|	4.63
157.250	0.00	0.01	0.892	O	|	|	|	4.63
157.333	0.00	0.01	0.892	O	|	|	|	4.63
157.417	0.00	0.01	0.892	O	|	|	|	4.63
157.500	0.00	0.01	0.892	O	|	|	|	4.63
157.583	0.00	0.01	0.892	O	|	|	|	4.63
157.667	0.00	0.01	0.892	O	|	|	|	4.63
157.750	0.00	0.01	0.892	O	|	|	|	4.63
157.833	0.00	0.01	0.892	O	|	|	|	4.63
157.917	0.00	0.01	0.892	O	|	|	|	4.63
158.000	0.00	0.01	0.892	O	|	|	|	4.63
158.083	0.00	0.01	0.892	O	|	|	|	4.63
158.167	0.00	0.01	0.892	O	|	|	|	4.63
158.250	0.00	0.01	0.891	O	|	|	|	4.63
158.333	0.00	0.01	0.891	O	|	|	|	4.63
158.417	0.00	0.01	0.891	O	|	|	|	4.63
158.500	0.00	0.01	0.891	O	|	|	|	4.63
158.583	0.00	0.01	0.891	O	|	|	|	4.63
158.667	0.00	0.01	0.891	O	|	|	|	4.63
158.750	0.00	0.01	0.891	O	|	|	|	4.63
158.833	0.00	0.01	0.891	O	|	|	|	4.63
158.917	0.00	0.01	0.891	O	|	|	|	4.63
159.000	0.00	0.01	0.891	O	|	|	|	4.63
159.083	0.00	0.01	0.891	O	|	|	|	4.63
159.167	0.00	0.01	0.891	O	|	|	|	4.63
159.250	0.00	0.01	0.891	O	|	|	|	4.62
159.333	0.00	0.01	0.891	O	|	|	|	4.62
159.417	0.00	0.01	0.890	O	|	|	|	4.62
159.500	0.00	0.01	0.890	O	|	|	|	4.62
159.583	0.00	0.01	0.890	O	|	|	|	4.62
159.667	0.00	0.01	0.890	O	|	|	|	4.62

159.750	0.00	0.01	0.890	O	|	|	|	4.62
159.833	0.00	0.01	0.890	O	|	|	|	4.62
159.917	0.00	0.01	0.890	O	|	|	|	4.62
160.000	0.00	0.01	0.890	O	|	|	|	4.62
160.083	0.00	0.01	0.890	O	|	|	|	4.62
160.167	0.00	0.01	0.890	O	|	|	|	4.62
160.250	0.00	0.01	0.890	O	|	|	|	4.62
160.333	0.00	0.01	0.890	O	|	|	|	4.62
160.417	0.00	0.01	0.890	O	|	|	|	4.62
160.500	0.00	0.01	0.890	O	|	|	|	4.62
160.583	0.00	0.01	0.890	O	|	|	|	4.62
160.667	0.00	0.01	0.889	O	|	|	|	4.62
160.750	0.00	0.01	0.889	O	|	|	|	4.62
160.833	0.00	0.01	0.889	O	|	|	|	4.62
160.917	0.00	0.01	0.889	O	|	|	|	4.62
161.000	0.00	0.01	0.889	O	|	|	|	4.62
161.083	0.00	0.01	0.889	O	|	|	|	4.62
161.167	0.00	0.01	0.889	O	|	|	|	4.62
161.250	0.00	0.01	0.889	O	|	|	|	4.62
161.333	0.00	0.01	0.889	O	|	|	|	4.62
161.417	0.00	0.01	0.889	O	|	|	|	4.62
161.500	0.00	0.01	0.889	O	|	|	|	4.62
161.583	0.00	0.01	0.889	O	|	|	|	4.61
161.667	0.00	0.01	0.889	O	|	|	|	4.61
161.750	0.00	0.01	0.889	O	|	|	|	4.61
161.833	0.00	0.01	0.888	O	|	|	|	4.61
161.917	0.00	0.01	0.888	O	|	|	|	4.61
162.000	0.00	0.01	0.888	O	|	|	|	4.61
162.083	0.00	0.01	0.888	O	|	|	|	4.61
162.167	0.00	0.01	0.888	O	|	|	|	4.61
162.250	0.00	0.01	0.888	O	|	|	|	4.61
162.333	0.00	0.01	0.888	O	|	|	|	4.61
162.417	0.00	0.01	0.888	O	|	|	|	4.61
162.500	0.00	0.01	0.888	O	|	|	|	4.61
162.583	0.00	0.01	0.888	O	|	|	|	4.61
162.667	0.00	0.01	0.888	O	|	|	|	4.61
162.750	0.00	0.01	0.888	O	|	|	|	4.61
162.833	0.00	0.01	0.888	O	|	|	|	4.61
162.917	0.00	0.01	0.888	O	|	|	|	4.61
163.000	0.00	0.01	0.888	O	|	|	|	4.61
163.083	0.00	0.01	0.887	O	|	|	|	4.61
163.167	0.00	0.01	0.887	O	|	|	|	4.61
163.250	0.00	0.01	0.887	O	|	|	|	4.61
163.333	0.00	0.01	0.887	O	|	|	|	4.61
163.417	0.00	0.01	0.887	O	|	|	|	4.61
163.500	0.00	0.01	0.887	O	|	|	|	4.61
163.583	0.00	0.01	0.887	O	|	|	|	4.61
163.667	0.00	0.01	0.887	O	|	|	|	4.61
163.750	0.00	0.01	0.887	O	|	|	|	4.61
163.833	0.00	0.01	0.887	O	|	|	|	4.61
163.917	0.00	0.01	0.887	O	|	|	|	4.60
164.000	0.00	0.01	0.887	O	|	|	|	4.60
164.083	0.00	0.01	0.887	O	|	|	|	4.60
164.167	0.00	0.01	0.887	O	|	|	|	4.60
164.250	0.00	0.01	0.886	O	|	|	|	4.60
164.333	0.00	0.01	0.886	O	|	|	|	4.60
164.417	0.00	0.01	0.886	O	|	|	|	4.60

164.500	0.00	0.01	0.886	O	|	|	|	4.60
164.583	0.00	0.01	0.886	O	|	|	|	4.60
164.667	0.00	0.01	0.886	O	|	|	|	4.60
164.750	0.00	0.01	0.886	O	|	|	|	4.60
164.833	0.00	0.01	0.886	O	|	|	|	4.60
164.917	0.00	0.01	0.886	O	|	|	|	4.60
165.000	0.00	0.01	0.886	O	|	|	|	4.60
165.083	0.00	0.01	0.886	O	|	|	|	4.60
165.167	0.00	0.01	0.886	O	|	|	|	4.60
165.250	0.00	0.01	0.886	O	|	|	|	4.60
165.333	0.00	0.01	0.886	O	|	|	|	4.60
165.417	0.00	0.01	0.886	O	|	|	|	4.60
165.500	0.00	0.01	0.885	O	|	|	|	4.60
165.583	0.00	0.01	0.885	O	|	|	|	4.60
165.667	0.00	0.01	0.885	O	|	|	|	4.60
165.750	0.00	0.01	0.885	O	|	|	|	4.60
165.833	0.00	0.01	0.885	O	|	|	|	4.60
165.917	0.00	0.01	0.885	O	|	|	|	4.60
166.000	0.00	0.01	0.885	O	|	|	|	4.60
166.083	0.00	0.01	0.885	O	|	|	|	4.60
166.167	0.00	0.01	0.885	O	|	|	|	4.60
166.250	0.00	0.01	0.885	O	|	|	|	4.60
166.333	0.00	0.01	0.885	O	|	|	|	4.59
166.417	0.00	0.01	0.885	O	|	|	|	4.59
166.500	0.00	0.01	0.885	O	|	|	|	4.59
166.583	0.00	0.01	0.885	O	|	|	|	4.59
166.667	0.00	0.01	0.884	O	|	|	|	4.59
166.750	0.00	0.01	0.884	O	|	|	|	4.59
166.833	0.00	0.01	0.884	O	|	|	|	4.59
166.917	0.00	0.01	0.884	O	|	|	|	4.59
167.000	0.00	0.01	0.884	O	|	|	|	4.59
167.083	0.00	0.01	0.884	O	|	|	|	4.59
167.167	0.00	0.01	0.884	O	|	|	|	4.59
167.250	0.00	0.01	0.884	O	|	|	|	4.59
167.333	0.00	0.01	0.884	O	|	|	|	4.59
167.417	0.00	0.01	0.884	O	|	|	|	4.59
167.500	0.00	0.01	0.884	O	|	|	|	4.59
167.583	0.00	0.01	0.884	O	|	|	|	4.59
167.667	0.00	0.01	0.884	O	|	|	|	4.59
167.750	0.00	0.01	0.884	O	|	|	|	4.59
167.833	0.00	0.01	0.884	O	|	|	|	4.59
167.917	0.00	0.01	0.883	O	|	|	|	4.59
168.000	0.00	0.01	0.883	O	|	|	|	4.59
168.083	0.00	0.01	0.883	O	|	|	|	4.59
168.167	0.00	0.01	0.883	O	|	|	|	4.59
168.250	0.00	0.01	0.883	O	|	|	|	4.59
168.333	0.00	0.01	0.883	O	|	|	|	4.59
168.417	0.00	0.01	0.883	O	|	|	|	4.59
168.500	0.00	0.01	0.883	O	|	|	|	4.59
168.583	0.00	0.01	0.883	O	|	|	|	4.59
168.667	0.00	0.01	0.883	O	|	|	|	4.58
168.750	0.00	0.01	0.883	O	|	|	|	4.58
168.833	0.00	0.01	0.883	O	|	|	|	4.58
168.917	0.00	0.01	0.883	O	|	|	|	4.58
169.000	0.00	0.01	0.883	O	|	|	|	4.58
169.083	0.00	0.01	0.882	O	|	|	|	4.58
169.167	0.00	0.01	0.882	O	|	|	|	4.58

169.250	0.00	0.01	0.882	O					4.58
169.333	0.00	0.01	0.882	O					4.58
169.417	0.00	0.01	0.882	O					4.58
169.500	0.00	0.01	0.882	O					4.58
169.583	0.00	0.01	0.882	O					4.58
169.667	0.00	0.01	0.882	O					4.58
169.750	0.00	0.01	0.882	O					4.58
169.833	0.00	0.01	0.882	O					4.58
169.917	0.00	0.01	0.882	O					4.58
170.000	0.00	0.01	0.882	O					4.58
170.083	0.00	0.01	0.882	O					4.58
170.167	0.00	0.01	0.882	O					4.58
170.250	0.00	0.01	0.882	O					4.58
170.333	0.00	0.01	0.881	O					4.58
170.417	0.00	0.01	0.881	O					4.58
170.500	0.00	0.01	0.881	O					4.58
170.583	0.00	0.01	0.881	O					4.58
170.667	0.00	0.01	0.881	O					4.58
170.750	0.00	0.01	0.881	O					4.58
170.833	0.00	0.01	0.881	O					4.58
170.917	0.00	0.01	0.881	O					4.58
171.000	0.00	0.01	0.881	O					4.57
171.083	0.00	0.01	0.881	O					4.57
171.167	0.00	0.01	0.881	O					4.57
171.250	0.00	0.01	0.881	O					4.57
171.333	0.00	0.01	0.881	O					4.57
171.417	0.00	0.01	0.881	O					4.57
171.500	0.00	0.01	0.880	O					4.57
171.583	0.00	0.01	0.880	O					4.57
171.667	0.00	0.01	0.880	O					4.57
171.750	0.00	0.01	0.880	O					4.57
171.833	0.00	0.01	0.880	O					4.57
171.917	0.00	0.01	0.880	O					4.57
172.000	0.00	0.01	0.880	O					4.57
172.083	0.00	0.01	0.880	O					4.57
172.167	0.00	0.01	0.880	O					4.57
172.250	0.00	0.01	0.880	O					4.57
172.333	0.00	0.01	0.880	O					4.57
172.417	0.00	0.01	0.880	O					4.57
172.500	0.00	0.01	0.880	O					4.57
172.583	0.00	0.01	0.880	O					4.57
172.667	0.00	0.01	0.880	O					4.57
172.750	0.00	0.01	0.879	O					4.57
172.833	0.00	0.01	0.879	O					4.57
172.917	0.00	0.01	0.879	O					4.57
173.000	0.00	0.01	0.879	O					4.57
173.083	0.00	0.01	0.879	O					4.57
173.167	0.00	0.01	0.879	O					4.57
173.250	0.00	0.01	0.879	O					4.57
173.333	0.00	0.01	0.879	O					4.56
173.417	0.00	0.01	0.879	O					4.56
173.500	0.00	0.01	0.879	O					4.56
173.583	0.00	0.01	0.879	O					4.56
173.667	0.00	0.01	0.879	O					4.56
173.750	0.00	0.01	0.879	O					4.56
173.833	0.00	0.01	0.879	O					4.56
173.917	0.00	0.01	0.878	O					4.56

174.000	0.00	0.01	0.878	O				4.56
174.083	0.00	0.01	0.878	O				4.56
174.167	0.00	0.01	0.878	O				4.56
174.250	0.00	0.01	0.878	O				4.56
174.333	0.00	0.01	0.878	O				4.56
174.417	0.00	0.01	0.878	O				4.56
174.500	0.00	0.01	0.878	O				4.56
174.583	0.00	0.01	0.878	O				4.56
174.667	0.00	0.01	0.878	O				4.56
174.750	0.00	0.01	0.878	O				4.56
174.833	0.00	0.01	0.878	O				4.56
174.917	0.00	0.01	0.878	O				4.56
175.000	0.00	0.01	0.878	O				4.56
175.083	0.00	0.01	0.878	O				4.56
175.167	0.00	0.01	0.877	O				4.56
175.250	0.00	0.01	0.877	O				4.56
175.333	0.00	0.01	0.877	O				4.56
175.417	0.00	0.01	0.877	O				4.56
175.500	0.00	0.01	0.877	O				4.56
175.583	0.00	0.01	0.877	O				4.56
175.667	0.00	0.01	0.877	O				4.55
175.750	0.00	0.01	0.877	O				4.55
175.833	0.00	0.01	0.877	O				4.55
175.917	0.00	0.01	0.877	O				4.55
176.000	0.00	0.01	0.877	O				4.55
176.083	0.00	0.01	0.877	O				4.55
176.167	0.00	0.01	0.877	O				4.55
176.250	0.00	0.01	0.877	O				4.55
176.333	0.00	0.01	0.877	O				4.55
176.417	0.00	0.01	0.876	O				4.55
176.500	0.00	0.01	0.876	O				4.55
176.583	0.00	0.01	0.876	O				4.55
176.667	0.00	0.01	0.876	O				4.55
176.750	0.00	0.01	0.876	O				4.55
176.833	0.00	0.01	0.876	O				4.55
176.917	0.00	0.01	0.876	O				4.55
177.000	0.00	0.01	0.876	O				4.55
177.083	0.00	0.01	0.876	O				4.55
177.167	0.00	0.01	0.876	O				4.55
177.250	0.00	0.01	0.876	O				4.55
177.333	0.00	0.01	0.876	O				4.55
177.417	0.00	0.01	0.876	O				4.55
177.500	0.00	0.01	0.876	O				4.55
177.583	0.00	0.01	0.875	O				4.55
177.667	0.00	0.01	0.875	O				4.55
177.750	0.00	0.01	0.875	O				4.55
177.833	0.00	0.01	0.875	O				4.55
177.917	0.00	0.01	0.875	O				4.55
178.000	0.00	0.01	0.875	O				4.54
178.083	0.00	0.01	0.875	O				4.54
178.167	0.00	0.01	0.875	O				4.54
178.250	0.00	0.01	0.875	O				4.54
178.333	0.00	0.01	0.875	O				4.54
178.417	0.00	0.01	0.875	O				4.54
178.500	0.00	0.01	0.875	O				4.54
178.583	0.00	0.01	0.875	O				4.54
178.667	0.00	0.01	0.875	O				4.54

178.750	0.00	0.01	0.875	O	|	|	|	4.54
178.833	0.00	0.01	0.874	O	|	|	|	4.54
178.917	0.00	0.01	0.874	O	|	|	|	4.54
179.000	0.00	0.01	0.874	O	|	|	|	4.54
179.083	0.00	0.01	0.874	O	|	|	|	4.54
179.167	0.00	0.01	0.874	O	|	|	|	4.54
179.250	0.00	0.01	0.874	O	|	|	|	4.54
179.333	0.00	0.01	0.874	O	|	|	|	4.54
179.417	0.00	0.01	0.874	O	|	|	|	4.54
179.500	0.00	0.01	0.874	O	|	|	|	4.54
179.583	0.00	0.01	0.874	O	|	|	|	4.54
179.667	0.00	0.01	0.874	O	|	|	|	4.54
179.750	0.00	0.01	0.874	O	|	|	|	4.54
179.833	0.00	0.01	0.874	O	|	|	|	4.54
179.917	0.00	0.01	0.874	O	|	|	|	4.54
180.000	0.00	0.01	0.873	O	|	|	|	4.54
180.083	0.00	0.01	0.873	O	|	|	|	4.54
180.167	0.00	0.01	0.873	O	|	|	|	4.54
180.250	0.00	0.01	0.873	O	|	|	|	4.54
180.333	0.00	0.01	0.873	O	|	|	|	4.53
180.417	0.00	0.01	0.873	O	|	|	|	4.53
180.500	0.00	0.01	0.873	O	|	|	|	4.53
180.583	0.00	0.01	0.873	O	|	|	|	4.53
180.667	0.00	0.01	0.873	O	|	|	|	4.53
180.750	0.00	0.01	0.873	O	|	|	|	4.53
180.833	0.00	0.01	0.873	O	|	|	|	4.53
180.917	0.00	0.01	0.873	O	|	|	|	4.53
181.000	0.00	0.01	0.873	O	|	|	|	4.53
181.083	0.00	0.01	0.873	O	|	|	|	4.53
181.167	0.00	0.01	0.873	O	|	|	|	4.53
181.250	0.00	0.01	0.872	O	|	|	|	4.53
181.333	0.00	0.01	0.872	O	|	|	|	4.53
181.417	0.00	0.01	0.872	O	|	|	|	4.53
181.500	0.00	0.01	0.872	O	|	|	|	4.53
181.583	0.00	0.01	0.872	O	|	|	|	4.53
181.667	0.00	0.01	0.872	O	|	|	|	4.53
181.750	0.00	0.01	0.872	O	|	|	|	4.53
181.833	0.00	0.01	0.872	O	|	|	|	4.53
181.917	0.00	0.01	0.872	O	|	|	|	4.53
182.000	0.00	0.01	0.872	O	|	|	|	4.53
182.083	0.00	0.01	0.872	O	|	|	|	4.53
182.167	0.00	0.01	0.872	O	|	|	|	4.53
182.250	0.00	0.01	0.872	O	|	|	|	4.53
182.333	0.00	0.01	0.872	O	|	|	|	4.53
182.417	0.00	0.01	0.871	O	|	|	|	4.53
182.500	0.00	0.01	0.871	O	|	|	|	4.53
182.583	0.00	0.01	0.871	O	|	|	|	4.53
182.667	0.00	0.01	0.871	O	|	|	|	4.52
182.750	0.00	0.01	0.871	O	|	|	|	4.52
182.833	0.00	0.01	0.871	O	|	|	|	4.52
182.917	0.00	0.01	0.871	O	|	|	|	4.52
183.000	0.00	0.01	0.871	O	|	|	|	4.52
183.083	0.00	0.01	0.871	O	|	|	|	4.52
183.167	0.00	0.01	0.871	O	|	|	|	4.52
183.250	0.00	0.01	0.871	O	|	|	|	4.52
183.333	0.00	0.01	0.871	O	|	|	|	4.52
183.417	0.00	0.01	0.871	O	|	|	|	4.52

183.500	0.00	0.01	0.871	O	|	|	|	|	4.52
183.583	0.00	0.01	0.871	O	|	|	|	|	4.52
183.667	0.00	0.01	0.870	O	|	|	|	|	4.52
183.750	0.00	0.01	0.870	O	|	|	|	|	4.52
183.833	0.00	0.01	0.870	O	|	|	|	|	4.52
183.917	0.00	0.01	0.870	O	|	|	|	|	4.52
184.000	0.00	0.01	0.870	O	|	|	|	|	4.52
184.083	0.00	0.01	0.870	O	|	|	|	|	4.52
184.167	0.00	0.01	0.870	O	|	|	|	|	4.52
184.250	0.00	0.01	0.870	O	|	|	|	|	4.52
184.333	0.00	0.01	0.870	O	|	|	|	|	4.52
184.417	0.00	0.01	0.870	O	|	|	|	|	4.52
184.500	0.00	0.01	0.870	O	|	|	|	|	4.52
184.583	0.00	0.01	0.870	O	|	|	|	|	4.52
184.667	0.00	0.01	0.870	O	|	|	|	|	4.52
184.750	0.00	0.01	0.870	O	|	|	|	|	4.52
184.833	0.00	0.01	0.869	O	|	|	|	|	4.52
184.917	0.00	0.01	0.869	O	|	|	|	|	4.52
185.000	0.00	0.01	0.869	O	|	|	|	|	4.51
185.083	0.00	0.01	0.869	O	|	|	|	|	4.51
185.167	0.00	0.01	0.869	O	|	|	|	|	4.51
185.250	0.00	0.01	0.869	O	|	|	|	|	4.51
185.333	0.00	0.01	0.869	O	|	|	|	|	4.51
185.417	0.00	0.01	0.869	O	|	|	|	|	4.51
185.500	0.00	0.01	0.869	O	|	|	|	|	4.51
185.583	0.00	0.01	0.869	O	|	|	|	|	4.51
185.667	0.00	0.01	0.869	O	|	|	|	|	4.51
185.750	0.00	0.01	0.869	O	|	|	|	|	4.51
185.833	0.00	0.01	0.869	O	|	|	|	|	4.51
185.917	0.00	0.01	0.869	O	|	|	|	|	4.51
186.000	0.00	0.01	0.869	O	|	|	|	|	4.51
186.083	0.00	0.01	0.868	O	|	|	|	|	4.51
186.167	0.00	0.01	0.868	O	|	|	|	|	4.51
186.250	0.00	0.01	0.868	O	|	|	|	|	4.51
186.333	0.00	0.01	0.868	O	|	|	|	|	4.51
186.417	0.00	0.01	0.868	O	|	|	|	|	4.51
186.500	0.00	0.01	0.868	O	|	|	|	|	4.51
186.583	0.00	0.01	0.868	O	|	|	|	|	4.51
186.667	0.00	0.01	0.868	O	|	|	|	|	4.51
186.750	0.00	0.01	0.868	O	|	|	|	|	4.51
186.833	0.00	0.01	0.868	O	|	|	|	|	4.51
186.917	0.00	0.01	0.868	O	|	|	|	|	4.51
187.000	0.00	0.01	0.868	O	|	|	|	|	4.51
187.083	0.00	0.01	0.868	O	|	|	|	|	4.51
187.167	0.00	0.01	0.868	O	|	|	|	|	4.51
187.250	0.00	0.01	0.867	O	|	|	|	|	4.51
187.333	0.00	0.01	0.867	O	|	|	|	|	4.50
187.417	0.00	0.01	0.867	O	|	|	|	|	4.50
187.500	0.00	0.01	0.867	O	|	|	|	|	4.50
187.583	0.00	0.01	0.867	O	|	|	|	|	4.50
187.667	0.00	0.01	0.867	O	|	|	|	|	4.50
187.750	0.00	0.01	0.867	O	|	|	|	|	4.50
187.833	0.00	0.01	0.867	O	|	|	|	|	4.50
187.917	0.00	0.01	0.867	O	|	|	|	|	4.50
188.000	0.00	0.01	0.867	O	|	|	|	|	4.50
188.083	0.00	0.01	0.867	O	|	|	|	|	4.50
188.167	0.00	0.01	0.867	O	|	|	|	|	4.50

188.250	0.00	0.01	0.867	O					4.50
188.333	0.00	0.01	0.867	O					4.50
188.417	0.00	0.01	0.867	O					4.50
188.500	0.00	0.01	0.866	O					4.50
188.583	0.00	0.01	0.866	O					4.50
188.667	0.00	0.01	0.866	O					4.50
188.750	0.00	0.01	0.866	O					4.50
188.833	0.00	0.01	0.866	O					4.50
188.917	0.00	0.01	0.866	O					4.50
189.000	0.00	0.01	0.866	O					4.50
189.083	0.00	0.01	0.866	O					4.50
189.167	0.00	0.01	0.866	O					4.50
189.250	0.00	0.01	0.866	O					4.50
189.333	0.00	0.01	0.866	O					4.50
189.417	0.00	0.01	0.866	O					4.50
189.500	0.00	0.01	0.866	O					4.50
189.583	0.00	0.01	0.866	O					4.50
189.667	0.00	0.01	0.865	O					4.49
189.750	0.00	0.01	0.865	O					4.49
189.833	0.00	0.01	0.865	O					4.49
189.917	0.00	0.01	0.865	O					4.49
190.000	0.00	0.01	0.865	O					4.49
190.083	0.00	0.01	0.865	O					4.49
190.167	0.00	0.01	0.865	O					4.49
190.250	0.00	0.01	0.865	O					4.49
190.333	0.00	0.01	0.865	O					4.49
190.417	0.00	0.01	0.865	O					4.49
190.500	0.00	0.01	0.865	O					4.49
190.583	0.00	0.01	0.865	O					4.49
190.667	0.00	0.01	0.865	O					4.49
190.750	0.00	0.01	0.865	O					4.49
190.833	0.00	0.01	0.865	O					4.49
190.917	0.00	0.01	0.864	O					4.49
191.000	0.00	0.01	0.864	O					4.49
191.083	0.00	0.01	0.864	O					4.49
191.167	0.00	0.01	0.864	O					4.49
191.250	0.00	0.01	0.864	O					4.49
191.333	0.00	0.01	0.864	O					4.49
191.417	0.00	0.01	0.864	O					4.49
191.500	0.00	0.01	0.864	O					4.49
191.583	0.00	0.01	0.864	O					4.49
191.667	0.00	0.01	0.864	O					4.49
191.750	0.00	0.01	0.864	O					4.49
191.833	0.00	0.01	0.864	O					4.49
191.917	0.00	0.01	0.864	O					4.49
192.000	0.00	0.01	0.864	O					4.48
192.083	0.00	0.01	0.863	O					4.48
192.167	0.00	0.01	0.863	O					4.48
192.250	0.00	0.01	0.863	O					4.48
192.333	0.00	0.01	0.863	O					4.48
192.417	0.00	0.01	0.863	O					4.48
192.500	0.00	0.01	0.863	O					4.48
192.583	0.00	0.01	0.863	O					4.48
192.667	0.00	0.01	0.863	O					4.48
192.750	0.00	0.01	0.863	O					4.48
192.833	0.00	0.01	0.863	O					4.48
192.917	0.00	0.01	0.863	O					4.48

193.000	0.00	0.01	0.863	O					4.48
193.083	0.00	0.01	0.863	O					4.48
193.167	0.00	0.01	0.863	O					4.48
193.250	0.00	0.01	0.863	O					4.48
193.333	0.00	0.01	0.862	O					4.48
193.417	0.00	0.01	0.862	O					4.48
193.500	0.00	0.01	0.862	O					4.48
193.583	0.00	0.01	0.862	O					4.48
193.667	0.00	0.01	0.862	O					4.48
193.750	0.00	0.01	0.862	O					4.48
193.833	0.00	0.01	0.862	O					4.48
193.917	0.00	0.01	0.862	O					4.48
194.000	0.00	0.01	0.862	O					4.48
194.083	0.00	0.01	0.862	O					4.48
194.167	0.00	0.01	0.862	O					4.48
194.250	0.00	0.01	0.862	O					4.48
194.333	0.00	0.01	0.862	O					4.47
194.417	0.00	0.01	0.862	O					4.47
194.500	0.00	0.01	0.861	O					4.47
194.583	0.00	0.01	0.861	O					4.47
194.667	0.00	0.01	0.861	O					4.47
194.750	0.00	0.01	0.861	O					4.47
194.833	0.00	0.01	0.861	O					4.47
194.917	0.00	0.01	0.861	O					4.47
195.000	0.00	0.01	0.861	O					4.47
195.083	0.00	0.01	0.861	O					4.47
195.167	0.00	0.01	0.861	O					4.47
195.250	0.00	0.01	0.861	O					4.47
195.333	0.00	0.01	0.861	O					4.47
195.417	0.00	0.01	0.861	O					4.47
195.500	0.00	0.01	0.861	O					4.47
195.583	0.00	0.01	0.861	O					4.47
195.667	0.00	0.01	0.861	O					4.47
195.750	0.00	0.01	0.860	O					4.47
195.833	0.00	0.01	0.860	O					4.47
195.917	0.00	0.01	0.860	O					4.47
196.000	0.00	0.01	0.860	O					4.47
196.083	0.00	0.01	0.860	O					4.47
196.167	0.00	0.01	0.860	O					4.47
196.250	0.00	0.01	0.860	O					4.47
196.333	0.00	0.01	0.860	O					4.47
196.417	0.00	0.01	0.860	O					4.47
196.500	0.00	0.01	0.860	O					4.47
196.583	0.00	0.01	0.860	O					4.47
196.667	0.00	0.01	0.860	O					4.46
196.750	0.00	0.01	0.860	O					4.46
196.833	0.00	0.01	0.860	O					4.46
196.917	0.00	0.01	0.859	O					4.46
197.000	0.00	0.01	0.859	O					4.46
197.083	0.00	0.01	0.859	O					4.46
197.167	0.00	0.01	0.859	O					4.46
197.250	0.00	0.01	0.859	O					4.46
197.333	0.00	0.01	0.859	O					4.46
197.417	0.00	0.01	0.859	O					4.46
197.500	0.00	0.01	0.859	O					4.46
197.583	0.00	0.01	0.859	O					4.46
197.667	0.00	0.01	0.859	O					4.46

197.750	0.00	0.01	0.859	O					4.46
197.833	0.00	0.01	0.859	O					4.46
197.917	0.00	0.01	0.859	O					4.46
198.000	0.00	0.01	0.859	O					4.46
198.083	0.00	0.01	0.859	O					4.46
198.167	0.00	0.01	0.858	O					4.46
198.250	0.00	0.01	0.858	O					4.46
198.333	0.00	0.01	0.858	O					4.46
198.417	0.00	0.01	0.858	O					4.46
198.500	0.00	0.01	0.858	O					4.46
198.583	0.00	0.01	0.858	O					4.46
198.667	0.00	0.01	0.858	O					4.46
198.750	0.00	0.01	0.858	O					4.46
198.833	0.00	0.01	0.858	O					4.46
198.917	0.00	0.01	0.858	O					4.46
199.000	0.00	0.01	0.858	O					4.45
199.083	0.00	0.01	0.858	O					4.45
199.167	0.00	0.01	0.858	O					4.45
199.250	0.00	0.01	0.858	O					4.45
199.333	0.00	0.01	0.857	O					4.45
199.417	0.00	0.01	0.857	O					4.45
199.500	0.00	0.01	0.857	O					4.45
199.583	0.00	0.01	0.857	O					4.45
199.667	0.00	0.01	0.857	O					4.45
199.750	0.00	0.01	0.857	O					4.45
199.833	0.00	0.01	0.857	O					4.45
199.917	0.00	0.01	0.857	O					4.45
200.000	0.00	0.01	0.857	O					4.45
200.083	0.00	0.01	0.857	O					4.45
200.167	0.00	0.01	0.857	O					4.45
200.250	0.00	0.01	0.857	O					4.45
200.333	0.00	0.01	0.857	O					4.45
200.417	0.00	0.01	0.857	O					4.45
200.500	0.00	0.01	0.857	O					4.45
200.583	0.00	0.01	0.856	O					4.45
200.667	0.00	0.01	0.856	O					4.45
200.750	0.00	0.01	0.856	O					4.45
200.833	0.00	0.01	0.856	O					4.45
200.917	0.00	0.01	0.856	O					4.45
201.000	0.00	0.01	0.856	O					4.45
201.083	0.00	0.01	0.856	O					4.45
201.167	0.00	0.01	0.856	O					4.45
201.250	0.00	0.01	0.856	O					4.45
201.333	0.00	0.01	0.856	O					4.44
201.417	0.00	0.01	0.856	O					4.44
201.500	0.00	0.01	0.856	O					4.44
201.583	0.00	0.01	0.856	O					4.44
201.667	0.00	0.01	0.856	O					4.44
201.750	0.00	0.01	0.855	O					4.44
201.833	0.00	0.01	0.855	O					4.44
201.917	0.00	0.01	0.855	O					4.44
202.000	0.00	0.01	0.855	O					4.44
202.083	0.00	0.01	0.855	O					4.44
202.167	0.00	0.01	0.855	O					4.44
202.250	0.00	0.01	0.855	O					4.44
202.333	0.00	0.01	0.855	O					4.44
202.417	0.00	0.01	0.855	O					4.44

202.500	0.00	0.01	0.855	O	|	|	|	4.44
202.583	0.00	0.01	0.855	O	|	|	|	4.44
202.667	0.00	0.01	0.855	O	|	|	|	4.44
202.750	0.00	0.01	0.855	O	|	|	|	4.44
202.833	0.00	0.01	0.855	O	|	|	|	4.44
202.917	0.00	0.01	0.855	O	|	|	|	4.44
203.000	0.00	0.01	0.854	O	|	|	|	4.44
203.083	0.00	0.01	0.854	O	|	|	|	4.44
203.167	0.00	0.01	0.854	O	|	|	|	4.44
203.250	0.00	0.01	0.854	O	|	|	|	4.44
203.333	0.00	0.01	0.854	O	|	|	|	4.44
203.417	0.00	0.01	0.854	O	|	|	|	4.44
203.500	0.00	0.01	0.854	O	|	|	|	4.44
203.583	0.00	0.01	0.854	O	|	|	|	4.44
203.667	0.00	0.01	0.854	O	|	|	|	4.43
203.750	0.00	0.01	0.854	O	|	|	|	4.43
203.833	0.00	0.01	0.854	O	|	|	|	4.43
203.917	0.00	0.01	0.854	O	|	|	|	4.43
204.000	0.00	0.01	0.854	O	|	|	|	4.43
204.083	0.00	0.01	0.854	O	|	|	|	4.43
204.167	0.00	0.01	0.853	O	|	|	|	4.43
204.250	0.00	0.01	0.853	O	|	|	|	4.43
204.333	0.00	0.01	0.853	O	|	|	|	4.43
204.417	0.00	0.01	0.853	O	|	|	|	4.43
204.500	0.00	0.01	0.853	O	|	|	|	4.43
204.583	0.00	0.01	0.853	O	|	|	|	4.43
204.667	0.00	0.01	0.853	O	|	|	|	4.43
204.750	0.00	0.01	0.853	O	|	|	|	4.43
204.833	0.00	0.01	0.853	O	|	|	|	4.43
204.917	0.00	0.01	0.853	O	|	|	|	4.43
205.000	0.00	0.01	0.853	O	|	|	|	4.43
205.083	0.00	0.01	0.853	O	|	|	|	4.43
205.167	0.00	0.01	0.853	O	|	|	|	4.43
205.250	0.00	0.01	0.853	O	|	|	|	4.43
205.333	0.00	0.01	0.853	O	|	|	|	4.43
205.417	0.00	0.01	0.852	O	|	|	|	4.43
205.500	0.00	0.01	0.852	O	|	|	|	4.43
205.583	0.00	0.01	0.852	O	|	|	|	4.43
205.667	0.00	0.01	0.852	O	|	|	|	4.43
205.750	0.00	0.01	0.852	O	|	|	|	4.43
205.833	0.00	0.01	0.852	O	|	|	|	4.43
205.917	0.00	0.01	0.852	O	|	|	|	4.43
206.000	0.00	0.01	0.852	O	|	|	|	4.42
206.083	0.00	0.01	0.852	O	|	|	|	4.42
206.167	0.00	0.01	0.852	O	|	|	|	4.42
206.250	0.00	0.01	0.852	O	|	|	|	4.42
206.333	0.00	0.01	0.852	O	|	|	|	4.42
206.417	0.00	0.01	0.852	O	|	|	|	4.42
206.500	0.00	0.01	0.852	O	|	|	|	4.42
206.583	0.00	0.01	0.852	O	|	|	|	4.42
206.667	0.00	0.01	0.851	O	|	|	|	4.42
206.750	0.00	0.01	0.851	O	|	|	|	4.42
206.833	0.00	0.01	0.851	O	|	|	|	4.42
206.917	0.00	0.01	0.851	O	|	|	|	4.42
207.000	0.00	0.01	0.851	O	|	|	|	4.42
207.083	0.00	0.01	0.851	O	|	|	|	4.42
207.167	0.00	0.01	0.851	O	|	|	|	4.42

207.250	0.00	0.01	0.851	O	|	|	|	4.42
207.333	0.00	0.01	0.851	O	|	|	|	4.42
207.417	0.00	0.01	0.851	O	|	|	|	4.42
207.500	0.00	0.01	0.851	O	|	|	|	4.42
207.583	0.00	0.01	0.851	O	|	|	|	4.42
207.667	0.00	0.01	0.851	O	|	|	|	4.42
207.750	0.00	0.01	0.851	O	|	|	|	4.42
207.833	0.00	0.01	0.850	O	|	|	|	4.42
207.917	0.00	0.01	0.850	O	|	|	|	4.42
208.000	0.00	0.01	0.850	O	|	|	|	4.42
208.083	0.00	0.01	0.850	O	|	|	|	4.42
208.167	0.00	0.01	0.850	O	|	|	|	4.42
208.250	0.00	0.01	0.850	O	|	|	|	4.42
208.333	0.00	0.01	0.850	O	|	|	|	4.41
208.417	0.00	0.01	0.850	O	|	|	|	4.41
208.500	0.00	0.01	0.850	O	|	|	|	4.41
208.583	0.00	0.01	0.850	O	|	|	|	4.41
208.667	0.00	0.01	0.850	O	|	|	|	4.41
208.750	0.00	0.01	0.850	O	|	|	|	4.41
208.833	0.00	0.01	0.850	O	|	|	|	4.41
208.917	0.00	0.01	0.850	O	|	|	|	4.41
209.000	0.00	0.01	0.850	O	|	|	|	4.41
209.083	0.00	0.01	0.849	O	|	|	|	4.41
209.167	0.00	0.01	0.849	O	|	|	|	4.41
209.250	0.00	0.01	0.849	O	|	|	|	4.41
209.333	0.00	0.01	0.849	O	|	|	|	4.41
209.417	0.00	0.01	0.849	O	|	|	|	4.41
209.500	0.00	0.01	0.849	O	|	|	|	4.41
209.583	0.00	0.01	0.849	O	|	|	|	4.41
209.667	0.00	0.01	0.849	O	|	|	|	4.41
209.750	0.00	0.01	0.849	O	|	|	|	4.41
209.833	0.00	0.01	0.849	O	|	|	|	4.41
209.917	0.00	0.01	0.849	O	|	|	|	4.41
210.000	0.00	0.01	0.849	O	|	|	|	4.41
210.083	0.00	0.01	0.849	O	|	|	|	4.41
210.167	0.00	0.01	0.849	O	|	|	|	4.41
210.250	0.00	0.01	0.848	O	|	|	|	4.41
210.333	0.00	0.01	0.848	O	|	|	|	4.41
210.417	0.00	0.01	0.848	O	|	|	|	4.41
210.500	0.00	0.01	0.848	O	|	|	|	4.41
210.583	0.00	0.01	0.848	O	|	|	|	4.41
210.667	0.00	0.01	0.848	O	|	|	|	4.40
210.750	0.00	0.01	0.848	O	|	|	|	4.40
210.833	0.00	0.01	0.848	O	|	|	|	4.40
210.917	0.00	0.01	0.848	O	|	|	|	4.40
211.000	0.00	0.01	0.848	O	|	|	|	4.40
211.083	0.00	0.01	0.848	O	|	|	|	4.40
211.167	0.00	0.01	0.848	O	|	|	|	4.40
211.250	0.00	0.01	0.848	O	|	|	|	4.40
211.333	0.00	0.01	0.848	O	|	|	|	4.40
211.417	0.00	0.01	0.848	O	|	|	|	4.40
211.500	0.00	0.01	0.847	O	|	|	|	4.40
211.583	0.00	0.01	0.847	O	|	|	|	4.40
211.667	0.00	0.01	0.847	O	|	|	|	4.40
211.750	0.00	0.01	0.847	O	|	|	|	4.40
211.833	0.00	0.01	0.847	O	|	|	|	4.40
211.917	0.00	0.01	0.847	O	|	|	|	4.40

212.000	0.00	0.01	0.847	O	|	|	|	4.40
212.083	0.00	0.01	0.847	O	|	|	|	4.40
212.167	0.00	0.01	0.847	O	|	|	|	4.40
212.250	0.00	0.01	0.847	O	|	|	|	4.40
212.333	0.00	0.01	0.847	O	|	|	|	4.40
212.417	0.00	0.01	0.847	O	|	|	|	4.40
212.500	0.00	0.01	0.847	O	|	|	|	4.40
212.583	0.00	0.01	0.847	O	|	|	|	4.40
212.667	0.00	0.01	0.846	O	|	|	|	4.40
212.750	0.00	0.01	0.846	O	|	|	|	4.40
212.833	0.00	0.01	0.846	O	|	|	|	4.40
212.917	0.00	0.01	0.846	O	|	|	|	4.40
213.000	0.00	0.01	0.846	O	|	|	|	4.39
213.083	0.00	0.01	0.846	O	|	|	|	4.39
213.167	0.00	0.01	0.846	O	|	|	|	4.39
213.250	0.00	0.01	0.846	O	|	|	|	4.39
213.333	0.00	0.01	0.846	O	|	|	|	4.39
213.417	0.00	0.01	0.846	O	|	|	|	4.39
213.500	0.00	0.01	0.846	O	|	|	|	4.39
213.583	0.00	0.01	0.846	O	|	|	|	4.39
213.667	0.00	0.01	0.846	O	|	|	|	4.39
213.750	0.00	0.01	0.846	O	|	|	|	4.39
213.833	0.00	0.01	0.846	O	|	|	|	4.39
213.917	0.00	0.01	0.845	O	|	|	|	4.39
214.000	0.00	0.01	0.845	O	|	|	|	4.39
214.083	0.00	0.01	0.845	O	|	|	|	4.39
214.167	0.00	0.01	0.845	O	|	|	|	4.39
214.250	0.00	0.01	0.845	O	|	|	|	4.39
214.333	0.00	0.01	0.845	O	|	|	|	4.39
214.417	0.00	0.01	0.845	O	|	|	|	4.39
214.500	0.00	0.01	0.845	O	|	|	|	4.39
214.583	0.00	0.01	0.845	O	|	|	|	4.39
214.667	0.00	0.01	0.845	O	|	|	|	4.39
214.750	0.00	0.01	0.845	O	|	|	|	4.39
214.833	0.00	0.01	0.845	O	|	|	|	4.39
214.917	0.00	0.01	0.845	O	|	|	|	4.39
215.000	0.00	0.01	0.845	O	|	|	|	4.39
215.083	0.00	0.01	0.844	O	|	|	|	4.39
215.167	0.00	0.01	0.844	O	|	|	|	4.39
215.250	0.00	0.01	0.844	O	|	|	|	4.39
215.333	0.00	0.01	0.844	O	|	|	|	4.38
215.417	0.00	0.01	0.844	O	|	|	|	4.38
215.500	0.00	0.01	0.844	O	|	|	|	4.38
215.583	0.00	0.01	0.844	O	|	|	|	4.38
215.667	0.00	0.01	0.844	O	|	|	|	4.38
215.750	0.00	0.01	0.844	O	|	|	|	4.38
215.833	0.00	0.01	0.844	O	|	|	|	4.38
215.917	0.00	0.01	0.844	O	|	|	|	4.38
216.000	0.00	0.01	0.844	O	|	|	|	4.38
216.083	0.00	0.01	0.844	O	|	|	|	4.38
216.167	0.00	0.01	0.844	O	|	|	|	4.38
216.250	0.00	0.01	0.844	O	|	|	|	4.38
216.333	0.00	0.01	0.843	O	|	|	|	4.38
216.417	0.00	0.01	0.843	O	|	|	|	4.38
216.500	0.00	0.01	0.843	O	|	|	|	4.38
216.583	0.00	0.01	0.843	O	|	|	|	4.38
216.667	0.00	0.01	0.843	O	|	|	|	4.38

216.750	0.00	0.01	0.843	O					4.38
216.833	0.00	0.01	0.843	O					4.38
216.917	0.00	0.01	0.843	O					4.38
217.000	0.00	0.01	0.843	O					4.38
217.083	0.00	0.01	0.843	O					4.38
217.167	0.00	0.01	0.843	O					4.38
217.250	0.00	0.01	0.843	O					4.38
217.333	0.00	0.01	0.843	O					4.38
217.417	0.00	0.01	0.843	O					4.38
217.500	0.00	0.01	0.842	O					4.38
217.583	0.00	0.01	0.842	O					4.38
217.667	0.00	0.01	0.842	O					4.37
217.750	0.00	0.01	0.842	O					4.37
217.833	0.00	0.01	0.842	O					4.37
217.917	0.00	0.01	0.842	O					4.37
218.000	0.00	0.01	0.842	O					4.37
218.083	0.00	0.01	0.842	O					4.37
218.167	0.00	0.01	0.842	O					4.37
218.250	0.00	0.01	0.842	O					4.37
218.333	0.00	0.01	0.842	O					4.37
218.417	0.00	0.01	0.842	O					4.37
218.500	0.00	0.01	0.842	O					4.37
218.583	0.00	0.01	0.842	O					4.37
218.667	0.00	0.01	0.842	O					4.37
218.750	0.00	0.01	0.841	O					4.37
218.833	0.00	0.01	0.841	O					4.37
218.917	0.00	0.01	0.841	O					4.37
219.000	0.00	0.01	0.841	O					4.37
219.083	0.00	0.01	0.841	O					4.37
219.167	0.00	0.01	0.841	O					4.37
219.250	0.00	0.01	0.841	O					4.37
219.333	0.00	0.01	0.841	O					4.37
219.417	0.00	0.01	0.841	O					4.37
219.500	0.00	0.01	0.841	O					4.37
219.583	0.00	0.01	0.841	O					4.37
219.667	0.00	0.01	0.841	O					4.37
219.750	0.00	0.01	0.841	O					4.37
219.833	0.00	0.01	0.841	O					4.37
219.917	0.00	0.01	0.840	O					4.37
220.000	0.00	0.01	0.840	O					4.36
220.083	0.00	0.01	0.840	O					4.36
220.167	0.00	0.01	0.840	O					4.36
220.250	0.00	0.01	0.840	O					4.36
220.333	0.00	0.01	0.840	O					4.36
220.417	0.00	0.01	0.840	O					4.36
220.500	0.00	0.01	0.840	O					4.36
220.583	0.00	0.01	0.840	O					4.36
220.667	0.00	0.01	0.840	O					4.36
220.750	0.00	0.01	0.840	O					4.36
220.833	0.00	0.01	0.840	O					4.36
220.917	0.00	0.01	0.840	O					4.36
221.000	0.00	0.01	0.840	O					4.36
221.083	0.00	0.01	0.840	O					4.36
221.167	0.00	0.01	0.839	O					4.36
221.250	0.00	0.01	0.839	O					4.36
221.333	0.00	0.01	0.839	O					4.36
221.417	0.00	0.01	0.839	O					4.36

221.500	0.00	0.01	0.839	O	|	|	|	|	4.36
221.583	0.00	0.01	0.839	O	|	|	|	|	4.36
221.667	0.00	0.01	0.839	O	|	|	|	|	4.36
221.750	0.00	0.01	0.839	O	|	|	|	|	4.36
221.833	0.00	0.01	0.839	O	|	|	|	|	4.36
221.917	0.00	0.01	0.839	O	|	|	|	|	4.36
222.000	0.00	0.01	0.839	O	|	|	|	|	4.36
222.083	0.00	0.01	0.839	O	|	|	|	|	4.36
222.167	0.00	0.01	0.839	O	|	|	|	|	4.36
222.250	0.00	0.01	0.839	O	|	|	|	|	4.36
222.333	0.00	0.01	0.838	O	|	|	|	|	4.35
222.417	0.00	0.01	0.838	O	|	|	|	|	4.35
222.500	0.00	0.01	0.838	O	|	|	|	|	4.35
222.583	0.00	0.01	0.838	O	|	|	|	|	4.35
222.667	0.00	0.01	0.838	O	|	|	|	|	4.35
222.750	0.00	0.01	0.838	O	|	|	|	|	4.35
222.833	0.00	0.01	0.838	O	|	|	|	|	4.35
222.917	0.00	0.01	0.838	O	|	|	|	|	4.35
223.000	0.00	0.01	0.838	O	|	|	|	|	4.35
223.083	0.00	0.01	0.838	O	|	|	|	|	4.35
223.167	0.00	0.01	0.838	O	|	|	|	|	4.35
223.250	0.00	0.01	0.838	O	|	|	|	|	4.35
223.333	0.00	0.01	0.838	O	|	|	|	|	4.35
223.417	0.00	0.01	0.838	O	|	|	|	|	4.35
223.500	0.00	0.01	0.838	O	|	|	|	|	4.35
223.583	0.00	0.01	0.837	O	|	|	|	|	4.35
223.667	0.00	0.01	0.837	O	|	|	|	|	4.35
223.750	0.00	0.01	0.837	O	|	|	|	|	4.35
223.833	0.00	0.01	0.837	O	|	|	|	|	4.35
223.917	0.00	0.01	0.837	O	|	|	|	|	4.35
224.000	0.00	0.01	0.837	O	|	|	|	|	4.35
224.083	0.00	0.01	0.837	O	|	|	|	|	4.35
224.167	0.00	0.01	0.837	O	|	|	|	|	4.35
224.250	0.00	0.01	0.837	O	|	|	|	|	4.35
224.333	0.00	0.01	0.837	O	|	|	|	|	4.35
224.417	0.00	0.01	0.837	O	|	|	|	|	4.35
224.500	0.00	0.01	0.837	O	|	|	|	|	4.35
224.583	0.00	0.01	0.837	O	|	|	|	|	4.35
224.667	0.00	0.01	0.837	O	|	|	|	|	4.34
224.750	0.00	0.01	0.836	O	|	|	|	|	4.34
224.833	0.00	0.01	0.836	O	|	|	|	|	4.34
224.917	0.00	0.01	0.836	O	|	|	|	|	4.34
225.000	0.00	0.01	0.836	O	|	|	|	|	4.34
225.083	0.00	0.01	0.836	O	|	|	|	|	4.34
225.167	0.00	0.01	0.836	O	|	|	|	|	4.34
225.250	0.00	0.01	0.836	O	|	|	|	|	4.34
225.333	0.00	0.01	0.836	O	|	|	|	|	4.34
225.417	0.00	0.01	0.836	O	|	|	|	|	4.34
225.500	0.00	0.01	0.836	O	|	|	|	|	4.34
225.583	0.00	0.01	0.836	O	|	|	|	|	4.34
225.667	0.00	0.01	0.836	O	|	|	|	|	4.34
225.750	0.00	0.01	0.836	O	|	|	|	|	4.34
225.833	0.00	0.01	0.836	O	|	|	|	|	4.34
225.917	0.00	0.01	0.836	O	|	|	|	|	4.34
226.000	0.00	0.01	0.835	O	|	|	|	|	4.34
226.083	0.00	0.01	0.835	O	|	|	|	|	4.34
226.167	0.00	0.01	0.835	O	|	|	|	|	4.34

226.250	0.00	0.01	0.835	O	|	|	|	|	4.34
226.333	0.00	0.01	0.835	O	|	|	|	|	4.34
226.417	0.00	0.01	0.835	O	|	|	|	|	4.34
226.500	0.00	0.01	0.835	O	|	|	|	|	4.34
226.583	0.00	0.01	0.835	O	|	|	|	|	4.34
226.667	0.00	0.01	0.835	O	|	|	|	|	4.34
226.750	0.00	0.01	0.835	O	|	|	|	|	4.34
226.833	0.00	0.01	0.835	O	|	|	|	|	4.34
226.917	0.00	0.01	0.835	O	|	|	|	|	4.34
227.000	0.00	0.01	0.835	O	|	|	|	|	4.33
227.083	0.00	0.01	0.835	O	|	|	|	|	4.33
227.167	0.00	0.01	0.834	O	|	|	|	|	4.33
227.250	0.00	0.01	0.834	O	|	|	|	|	4.33
227.333	0.00	0.01	0.834	O	|	|	|	|	4.33
227.417	0.00	0.01	0.834	O	|	|	|	|	4.33
227.500	0.00	0.01	0.834	O	|	|	|	|	4.33
227.583	0.00	0.01	0.834	O	|	|	|	|	4.33
227.667	0.00	0.01	0.834	O	|	|	|	|	4.33
227.750	0.00	0.01	0.834	O	|	|	|	|	4.33
227.833	0.00	0.01	0.834	O	|	|	|	|	4.33
227.917	0.00	0.01	0.834	O	|	|	|	|	4.33
228.000	0.00	0.01	0.834	O	|	|	|	|	4.33
228.083	0.00	0.01	0.834	O	|	|	|	|	4.33
228.167	0.00	0.01	0.834	O	|	|	|	|	4.33
228.250	0.00	0.01	0.834	O	|	|	|	|	4.33
228.333	0.00	0.01	0.834	O	|	|	|	|	4.33
228.417	0.00	0.01	0.833	O	|	|	|	|	4.33
228.500	0.00	0.01	0.833	O	|	|	|	|	4.33
228.583	0.00	0.01	0.833	O	|	|	|	|	4.33
228.667	0.00	0.01	0.833	O	|	|	|	|	4.33
228.750	0.00	0.01	0.833	O	|	|	|	|	4.33
228.833	0.00	0.01	0.833	O	|	|	|	|	4.33
228.917	0.00	0.01	0.833	O	|	|	|	|	4.33
229.000	0.00	0.01	0.833	O	|	|	|	|	4.33
229.083	0.00	0.01	0.833	O	|	|	|	|	4.33
229.167	0.00	0.01	0.833	O	|	|	|	|	4.33
229.250	0.00	0.01	0.833	O	|	|	|	|	4.33
229.333	0.00	0.01	0.833	O	|	|	|	|	4.32
229.417	0.00	0.01	0.833	O	|	|	|	|	4.32
229.500	0.00	0.01	0.833	O	|	|	|	|	4.32
229.583	0.00	0.01	0.832	O	|	|	|	|	4.32
229.667	0.00	0.01	0.832	O	|	|	|	|	4.32
229.750	0.00	0.01	0.832	O	|	|	|	|	4.32
229.833	0.00	0.01	0.832	O	|	|	|	|	4.32
229.917	0.00	0.01	0.832	O	|	|	|	|	4.32
230.000	0.00	0.01	0.832	O	|	|	|	|	4.32
230.083	0.00	0.01	0.832	O	|	|	|	|	4.32
230.167	0.00	0.01	0.832	O	|	|	|	|	4.32
230.250	0.00	0.01	0.832	O	|	|	|	|	4.32
230.333	0.00	0.01	0.832	O	|	|	|	|	4.32
230.417	0.00	0.01	0.832	O	|	|	|	|	4.32
230.500	0.00	0.01	0.832	O	|	|	|	|	4.32
230.583	0.00	0.01	0.832	O	|	|	|	|	4.32
230.667	0.00	0.01	0.832	O	|	|	|	|	4.32
230.750	0.00	0.01	0.832	O	|	|	|	|	4.32
230.833	0.00	0.01	0.831	O	|	|	|	|	4.32
230.917	0.00	0.01	0.831	O	|	|	|	|	4.32

231.000	0.00	0.01	0.831	O	|	|	|	4.32
231.083	0.00	0.01	0.831	O	|	|	|	4.32
231.167	0.00	0.01	0.831	O	|	|	|	4.32
231.250	0.00	0.01	0.831	O	|	|	|	4.32
231.333	0.00	0.01	0.831	O	|	|	|	4.32
231.417	0.00	0.01	0.831	O	|	|	|	4.32
231.500	0.00	0.01	0.831	O	|	|	|	4.32
231.583	0.00	0.01	0.831	O	|	|	|	4.32
231.667	0.00	0.01	0.831	O	|	|	|	4.31
231.750	0.00	0.01	0.831	O	|	|	|	4.31
231.833	0.00	0.01	0.831	O	|	|	|	4.31
231.917	0.00	0.01	0.831	O	|	|	|	4.31
232.000	0.00	0.01	0.830	O	|	|	|	4.31
232.083	0.00	0.01	0.830	O	|	|	|	4.31
232.167	0.00	0.01	0.830	O	|	|	|	4.31
232.250	0.00	0.01	0.830	O	|	|	|	4.31
232.333	0.00	0.01	0.830	O	|	|	|	4.31
232.417	0.00	0.01	0.830	O	|	|	|	4.31
232.500	0.00	0.01	0.830	O	|	|	|	4.31
232.583	0.00	0.01	0.830	O	|	|	|	4.31
232.667	0.00	0.01	0.830	O	|	|	|	4.31
232.750	0.00	0.01	0.830	O	|	|	|	4.31
232.833	0.00	0.01	0.830	O	|	|	|	4.31
232.917	0.00	0.01	0.830	O	|	|	|	4.31
233.000	0.00	0.01	0.830	O	|	|	|	4.31
233.083	0.00	0.01	0.830	O	|	|	|	4.31
233.167	0.00	0.01	0.830	O	|	|	|	4.31
233.250	0.00	0.01	0.829	O	|	|	|	4.31
233.333	0.00	0.01	0.829	O	|	|	|	4.31
233.417	0.00	0.01	0.829	O	|	|	|	4.31
233.500	0.00	0.01	0.829	O	|	|	|	4.31
233.583	0.00	0.01	0.829	O	|	|	|	4.31
233.667	0.00	0.01	0.829	O	|	|	|	4.31
233.750	0.00	0.01	0.829	O	|	|	|	4.31
233.833	0.00	0.01	0.829	O	|	|	|	4.31
233.917	0.00	0.01	0.829	O	|	|	|	4.31
234.000	0.00	0.01	0.829	O	|	|	|	4.30
234.083	0.00	0.01	0.829	O	|	|	|	4.30
234.167	0.00	0.01	0.829	O	|	|	|	4.30
234.250	0.00	0.01	0.829	O	|	|	|	4.30
234.333	0.00	0.01	0.829	O	|	|	|	4.30
234.417	0.00	0.01	0.828	O	|	|	|	4.30
234.500	0.00	0.01	0.828	O	|	|	|	4.30
234.583	0.00	0.01	0.828	O	|	|	|	4.30
234.667	0.00	0.01	0.828	O	|	|	|	4.30
234.750	0.00	0.01	0.828	O	|	|	|	4.30
234.833	0.00	0.01	0.828	O	|	|	|	4.30
234.917	0.00	0.01	0.828	O	|	|	|	4.30
235.000	0.00	0.01	0.828	O	|	|	|	4.30
235.083	0.00	0.01	0.828	O	|	|	|	4.30
235.167	0.00	0.01	0.828	O	|	|	|	4.30
235.250	0.00	0.01	0.828	O	|	|	|	4.30
235.333	0.00	0.01	0.828	O	|	|	|	4.30
235.417	0.00	0.01	0.828	O	|	|	|	4.30
235.500	0.00	0.01	0.828	O	|	|	|	4.30
235.583	0.00	0.01	0.828	O	|	|	|	4.30
235.667	0.00	0.01	0.827	O	|	|	|	4.30

235.750	0.00	0.01	0.827	O	|	|	|	4.30
235.833	0.00	0.01	0.827	O	|	|	|	4.30
235.917	0.00	0.01	0.827	O	|	|	|	4.30
236.000	0.00	0.01	0.827	O	|	|	|	4.30
236.083	0.00	0.01	0.827	O	|	|	|	4.30
236.167	0.00	0.01	0.827	O	|	|	|	4.30
236.250	0.00	0.01	0.827	O	|	|	|	4.30
236.333	0.00	0.01	0.827	O	|	|	|	4.29
236.417	0.00	0.01	0.827	O	|	|	|	4.29
236.500	0.00	0.01	0.827	O	|	|	|	4.29
236.583	0.00	0.01	0.827	O	|	|	|	4.29
236.667	0.00	0.01	0.827	O	|	|	|	4.29
236.750	0.00	0.01	0.827	O	|	|	|	4.29
236.833	0.00	0.01	0.827	O	|	|	|	4.29
236.917	0.00	0.01	0.826	O	|	|	|	4.29
237.000	0.00	0.01	0.826	O	|	|	|	4.29
237.083	0.00	0.01	0.826	O	|	|	|	4.29
237.167	0.00	0.01	0.826	O	|	|	|	4.29
237.250	0.00	0.01	0.826	O	|	|	|	4.29
237.333	0.00	0.01	0.826	O	|	|	|	4.29
237.417	0.00	0.01	0.826	O	|	|	|	4.29
237.500	0.00	0.01	0.826	O	|	|	|	4.29
237.583	0.00	0.01	0.826	O	|	|	|	4.29
237.667	0.00	0.01	0.826	O	|	|	|	4.29
237.750	0.00	0.01	0.826	O	|	|	|	4.29
237.833	0.00	0.01	0.826	O	|	|	|	4.29
237.917	0.00	0.01	0.826	O	|	|	|	4.29
238.000	0.00	0.01	0.826	O	|	|	|	4.29
238.083	0.00	0.01	0.825	O	|	|	|	4.29
238.167	0.00	0.01	0.825	O	|	|	|	4.29
238.250	0.00	0.01	0.825	O	|	|	|	4.29
238.333	0.00	0.01	0.825	O	|	|	|	4.29
238.417	0.00	0.01	0.825	O	|	|	|	4.29
238.500	0.00	0.01	0.825	O	|	|	|	4.29
238.583	0.00	0.01	0.825	O	|	|	|	4.29
238.667	0.00	0.01	0.825	O	|	|	|	4.28
238.750	0.00	0.01	0.825	O	|	|	|	4.28
238.833	0.00	0.01	0.825	O	|	|	|	4.28
238.917	0.00	0.01	0.825	O	|	|	|	4.28
239.000	0.00	0.01	0.825	O	|	|	|	4.28
239.083	0.00	0.01	0.825	O	|	|	|	4.28
239.167	0.00	0.01	0.825	O	|	|	|	4.28
239.250	0.00	0.01	0.825	O	|	|	|	4.28
239.333	0.00	0.01	0.824	O	|	|	|	4.28
239.417	0.00	0.01	0.824	O	|	|	|	4.28
239.500	0.00	0.01	0.824	O	|	|	|	4.28
239.583	0.00	0.01	0.824	O	|	|	|	4.28
239.667	0.00	0.01	0.824	O	|	|	|	4.28
239.750	0.00	0.01	0.824	O	|	|	|	4.28
239.833	0.00	0.01	0.824	O	|	|	|	4.28
239.917	0.00	0.01	0.824	O	|	|	|	4.28
240.000	0.00	0.01	0.824	O	|	|	|	4.28
240.083	0.00	0.01	0.824	O	|	|	|	4.28
240.167	0.00	0.01	0.824	O	|	|	|	4.28
240.250	0.00	0.01	0.824	O	|	|	|	4.28
240.333	0.00	0.01	0.824	O	|	|	|	4.28
240.417	0.00	0.01	0.824	O	|	|	|	4.28

240.500	0.00	0.01	0.823	O	|	|	|	|	4.28
240.583	0.00	0.01	0.823	O	|	|	|	|	4.28
240.667	0.00	0.01	0.823	O	|	|	|	|	4.28
240.750	0.00	0.01	0.823	O	|	|	|	|	4.28
240.833	0.00	0.01	0.823	O	|	|	|	|	4.28
240.917	0.00	0.01	0.823	O	|	|	|	|	4.28
241.000	0.00	0.01	0.823	O	|	|	|	|	4.27
241.083	0.00	0.01	0.823	O	|	|	|	|	4.27
241.167	0.00	0.01	0.823	O	|	|	|	|	4.27
241.250	0.00	0.01	0.823	O	|	|	|	|	4.27
241.333	0.00	0.01	0.823	O	|	|	|	|	4.27
241.417	0.00	0.01	0.823	O	|	|	|	|	4.27
241.500	0.00	0.01	0.823	O	|	|	|	|	4.27
241.583	0.00	0.01	0.823	O	|	|	|	|	4.27
241.667	0.00	0.01	0.823	O	|	|	|	|	4.27
241.750	0.00	0.01	0.822	O	|	|	|	|	4.27
241.833	0.00	0.01	0.822	O	|	|	|	|	4.27
241.917	0.00	0.01	0.822	O	|	|	|	|	4.27
242.000	0.00	0.01	0.822	O	|	|	|	|	4.27
242.083	0.00	0.01	0.822	O	|	|	|	|	4.27
242.167	0.00	0.01	0.822	O	|	|	|	|	4.27
242.250	0.00	0.01	0.822	O	|	|	|	|	4.27
242.333	0.00	0.01	0.822	O	|	|	|	|	4.27
242.417	0.00	0.01	0.822	O	|	|	|	|	4.27
242.500	0.00	0.01	0.822	O	|	|	|	|	4.27
242.583	0.00	0.01	0.822	O	|	|	|	|	4.27
242.667	0.00	0.01	0.822	O	|	|	|	|	4.27
242.750	0.00	0.01	0.822	O	|	|	|	|	4.27
242.833	0.00	0.01	0.822	O	|	|	|	|	4.27
242.917	0.00	0.01	0.821	O	|	|	|	|	4.27
243.000	0.00	0.01	0.821	O	|	|	|	|	4.27
243.083	0.00	0.01	0.821	O	|	|	|	|	4.27
243.167	0.00	0.01	0.821	O	|	|	|	|	4.27
243.250	0.00	0.01	0.821	O	|	|	|	|	4.27
243.333	0.00	0.01	0.821	O	|	|	|	|	4.26
243.417	0.00	0.01	0.821	O	|	|	|	|	4.26
243.500	0.00	0.01	0.821	O	|	|	|	|	4.26
243.583	0.00	0.01	0.821	O	|	|	|	|	4.26
243.667	0.00	0.01	0.821	O	|	|	|	|	4.26
243.750	0.00	0.01	0.821	O	|	|	|	|	4.26
243.833	0.00	0.01	0.821	O	|	|	|	|	4.26
243.917	0.00	0.01	0.821	O	|	|	|	|	4.26
244.000	0.00	0.01	0.821	O	|	|	|	|	4.26
244.083	0.00	0.01	0.821	O	|	|	|	|	4.26
244.167	0.00	0.01	0.820	O	|	|	|	|	4.26
244.250	0.00	0.01	0.820	O	|	|	|	|	4.26
244.333	0.00	0.01	0.820	O	|	|	|	|	4.26
244.417	0.00	0.01	0.820	O	|	|	|	|	4.26
244.500	0.00	0.01	0.820	O	|	|	|	|	4.26
244.583	0.00	0.01	0.820	O	|	|	|	|	4.26
244.667	0.00	0.01	0.820	O	|	|	|	|	4.26
244.750	0.00	0.01	0.820	O	|	|	|	|	4.26
244.833	0.00	0.01	0.820	O	|	|	|	|	4.26
244.917	0.00	0.01	0.820	O	|	|	|	|	4.26
245.000	0.00	0.01	0.820	O	|	|	|	|	4.26
245.083	0.00	0.01	0.820	O	|	|	|	|	4.26
245.167	0.00	0.01	0.820	O	|	|	|	|	4.26

245.250	0.00	0.01	0.820	O	|	|	|	4.26
245.333	0.00	0.01	0.819	O	|	|	|	4.26
245.417	0.00	0.01	0.819	O	|	|	|	4.26
245.500	0.00	0.01	0.819	O	|	|	|	4.26
245.583	0.00	0.01	0.819	O	|	|	|	4.26
245.667	0.00	0.01	0.819	O	|	|	|	4.25
245.750	0.00	0.01	0.819	O	|	|	|	4.25
245.833	0.00	0.01	0.819	O	|	|	|	4.25
245.917	0.00	0.01	0.819	O	|	|	|	4.25
246.000	0.00	0.01	0.819	O	|	|	|	4.25
246.083	0.00	0.01	0.819	O	|	|	|	4.25
246.167	0.00	0.01	0.819	O	|	|	|	4.25
246.250	0.00	0.01	0.819	O	|	|	|	4.25
246.333	0.00	0.01	0.819	O	|	|	|	4.25
246.417	0.00	0.01	0.819	O	|	|	|	4.25
246.500	0.00	0.01	0.819	O	|	|	|	4.25
246.583	0.00	0.01	0.818	O	|	|	|	4.25
246.667	0.00	0.01	0.818	O	|	|	|	4.25
246.750	0.00	0.01	0.818	O	|	|	|	4.25
246.833	0.00	0.01	0.818	O	|	|	|	4.25
246.917	0.00	0.01	0.818	O	|	|	|	4.25
247.000	0.00	0.01	0.818	O	|	|	|	4.25
247.083	0.00	0.01	0.818	O	|	|	|	4.25
247.167	0.00	0.01	0.818	O	|	|	|	4.25
247.250	0.00	0.01	0.818	O	|	|	|	4.25
247.333	0.00	0.01	0.818	O	|	|	|	4.25
247.417	0.00	0.01	0.818	O	|	|	|	4.25
247.500	0.00	0.01	0.818	O	|	|	|	4.25
247.583	0.00	0.01	0.818	O	|	|	|	4.25
247.667	0.00	0.01	0.818	O	|	|	|	4.25
247.750	0.00	0.01	0.817	O	|	|	|	4.25
247.833	0.00	0.01	0.817	O	|	|	|	4.25
247.917	0.00	0.01	0.817	O	|	|	|	4.25
248.000	0.00	0.01	0.817	O	|	|	|	4.24
248.083	0.00	0.01	0.817	O	|	|	|	4.24
248.167	0.00	0.01	0.817	O	|	|	|	4.24
248.250	0.00	0.01	0.817	O	|	|	|	4.24
248.333	0.00	0.01	0.817	O	|	|	|	4.24
248.417	0.00	0.01	0.817	O	|	|	|	4.24
248.500	0.00	0.01	0.817	O	|	|	|	4.24
248.583	0.00	0.01	0.817	O	|	|	|	4.24
248.667	0.00	0.01	0.817	O	|	|	|	4.24
248.750	0.00	0.01	0.817	O	|	|	|	4.24
248.833	0.00	0.01	0.817	O	|	|	|	4.24
248.917	0.00	0.01	0.817	O	|	|	|	4.24
249.000	0.00	0.01	0.816	O	|	|	|	4.24
249.083	0.00	0.01	0.816	O	|	|	|	4.24
249.167	0.00	0.01	0.816	O	|	|	|	4.24
249.250	0.00	0.01	0.816	O	|	|	|	4.24
249.333	0.00	0.01	0.816	O	|	|	|	4.24
249.417	0.00	0.01	0.816	O	|	|	|	4.24
249.500	0.00	0.01	0.816	O	|	|	|	4.24
249.583	0.00	0.01	0.816	O	|	|	|	4.24
249.667	0.00	0.01	0.816	O	|	|	|	4.24
249.750	0.00	0.01	0.816	O	|	|	|	4.24
249.833	0.00	0.01	0.816	O	|	|	|	4.24
249.917	0.00	0.01	0.816	O	|	|	|	4.24

250.000	0.00	0.01	0.816	O	|	|	|	4.24
250.083	0.00	0.01	0.816	O	|	|	|	4.24
250.167	0.00	0.01	0.815	O	|	|	|	4.24
250.250	0.00	0.01	0.815	O	|	|	|	4.24
250.333	0.00	0.01	0.815	O	|	|	|	4.23
250.417	0.00	0.01	0.815	O	|	|	|	4.23
250.500	0.00	0.01	0.815	O	|	|	|	4.23
250.583	0.00	0.01	0.815	O	|	|	|	4.23
250.667	0.00	0.01	0.815	O	|	|	|	4.23
250.750	0.00	0.01	0.815	O	|	|	|	4.23
250.833	0.00	0.01	0.815	O	|	|	|	4.23
250.917	0.00	0.01	0.815	O	|	|	|	4.23
251.000	0.00	0.01	0.815	O	|	|	|	4.23
251.083	0.00	0.01	0.815	O	|	|	|	4.23
251.167	0.00	0.01	0.815	O	|	|	|	4.23
251.250	0.00	0.01	0.815	O	|	|	|	4.23
251.333	0.00	0.01	0.815	O	|	|	|	4.23
251.417	0.00	0.01	0.814	O	|	|	|	4.23
251.500	0.00	0.01	0.814	O	|	|	|	4.23
251.583	0.00	0.01	0.814	O	|	|	|	4.23
251.667	0.00	0.01	0.814	O	|	|	|	4.23
251.750	0.00	0.01	0.814	O	|	|	|	4.23
251.833	0.00	0.01	0.814	O	|	|	|	4.23
251.917	0.00	0.01	0.814	O	|	|	|	4.23
252.000	0.00	0.01	0.814	O	|	|	|	4.23
252.083	0.00	0.01	0.814	O	|	|	|	4.23
252.167	0.00	0.01	0.814	O	|	|	|	4.23
252.250	0.00	0.01	0.814	O	|	|	|	4.23
252.333	0.00	0.01	0.814	O	|	|	|	4.23
252.417	0.00	0.01	0.814	O	|	|	|	4.23
252.500	0.00	0.01	0.814	O	|	|	|	4.23
252.583	0.00	0.01	0.813	O	|	|	|	4.23
252.667	0.00	0.01	0.813	O	|	|	|	4.22
252.750	0.00	0.01	0.813	O	|	|	|	4.22
252.833	0.00	0.01	0.813	O	|	|	|	4.22
252.917	0.00	0.01	0.813	O	|	|	|	4.22
253.000	0.00	0.01	0.813	O	|	|	|	4.22
253.083	0.00	0.01	0.813	O	|	|	|	4.22
253.167	0.00	0.01	0.813	O	|	|	|	4.22
253.250	0.00	0.01	0.813	O	|	|	|	4.22
253.333	0.00	0.01	0.813	O	|	|	|	4.22
253.417	0.00	0.01	0.813	O	|	|	|	4.22
253.500	0.00	0.01	0.813	O	|	|	|	4.22
253.583	0.00	0.01	0.813	O	|	|	|	4.22
253.667	0.00	0.01	0.813	O	|	|	|	4.22
253.750	0.00	0.01	0.813	O	|	|	|	4.22
253.833	0.00	0.01	0.812	O	|	|	|	4.22
253.917	0.00	0.01	0.812	O	|	|	|	4.22
254.000	0.00	0.01	0.812	O	|	|	|	4.22
254.083	0.00	0.01	0.812	O	|	|	|	4.22
254.167	0.00	0.01	0.812	O	|	|	|	4.22
254.250	0.00	0.01	0.812	O	|	|	|	4.22
254.333	0.00	0.01	0.812	O	|	|	|	4.22
254.417	0.00	0.01	0.812	O	|	|	|	4.22
254.500	0.00	0.01	0.812	O	|	|	|	4.22
254.583	0.00	0.01	0.812	O	|	|	|	4.22
254.667	0.00	0.01	0.812	O	|	|	|	4.22

254.750	0.00	0.01	0.812	O	|	|	|	|	4.22
254.833	0.00	0.01	0.812	O	|	|	|	|	4.22
254.917	0.00	0.01	0.812	O	|	|	|	|	4.22
255.000	0.00	0.01	0.811	O	|	|	|	|	4.21
255.083	0.00	0.01	0.811	O	|	|	|	|	4.21
255.167	0.00	0.01	0.811	O	|	|	|	|	4.21
255.250	0.00	0.01	0.811	O	|	|	|	|	4.21
255.333	0.00	0.01	0.811	O	|	|	|	|	4.21
255.417	0.00	0.01	0.811	O	|	|	|	|	4.21
255.500	0.00	0.01	0.811	O	|	|	|	|	4.21
255.583	0.00	0.01	0.811	O	|	|	|	|	4.21
255.667	0.00	0.01	0.811	O	|	|	|	|	4.21
255.750	0.00	0.01	0.811	O	|	|	|	|	4.21
255.833	0.00	0.01	0.811	O	|	|	|	|	4.21
255.917	0.00	0.01	0.811	O	|	|	|	|	4.21
256.000	0.00	0.01	0.811	O	|	|	|	|	4.21
256.083	0.00	0.01	0.811	O	|	|	|	|	4.21
256.167	0.00	0.01	0.811	O	|	|	|	|	4.21
256.250	0.00	0.01	0.810	O	|	|	|	|	4.21
256.333	0.00	0.01	0.810	O	|	|	|	|	4.21
256.417	0.00	0.01	0.810	O	|	|	|	|	4.21
256.500	0.00	0.01	0.810	O	|	|	|	|	4.21
256.583	0.00	0.01	0.810	O	|	|	|	|	4.21
256.667	0.00	0.01	0.810	O	|	|	|	|	4.21
256.750	0.00	0.01	0.810	O	|	|	|	|	4.21
256.833	0.00	0.01	0.810	O	|	|	|	|	4.21
256.917	0.00	0.01	0.810	O	|	|	|	|	4.21
257.000	0.00	0.01	0.810	O	|	|	|	|	4.21
257.083	0.00	0.01	0.810	O	|	|	|	|	4.21
257.167	0.00	0.01	0.810	O	|	|	|	|	4.21
257.250	0.00	0.01	0.810	O	|	|	|	|	4.21
257.333	0.00	0.01	0.810	O	|	|	|	|	4.20
257.417	0.00	0.01	0.809	O	|	|	|	|	4.20
257.500	0.00	0.01	0.809	O	|	|	|	|	4.20
257.583	0.00	0.01	0.809	O	|	|	|	|	4.20
257.667	0.00	0.01	0.809	O	|	|	|	|	4.20
257.750	0.00	0.01	0.809	O	|	|	|	|	4.20
257.833	0.00	0.01	0.809	O	|	|	|	|	4.20
257.917	0.00	0.01	0.809	O	|	|	|	|	4.20
258.000	0.00	0.01	0.809	O	|	|	|	|	4.20
258.083	0.00	0.01	0.809	O	|	|	|	|	4.20
258.167	0.00	0.01	0.809	O	|	|	|	|	4.20
258.250	0.00	0.01	0.809	O	|	|	|	|	4.20
258.333	0.00	0.01	0.809	O	|	|	|	|	4.20
258.417	0.00	0.01	0.809	O	|	|	|	|	4.20
258.500	0.00	0.01	0.809	O	|	|	|	|	4.20
258.583	0.00	0.01	0.809	O	|	|	|	|	4.20
258.667	0.00	0.01	0.808	O	|	|	|	|	4.20
258.750	0.00	0.01	0.808	O	|	|	|	|	4.20
258.833	0.00	0.01	0.808	O	|	|	|	|	4.20
258.917	0.00	0.01	0.808	O	|	|	|	|	4.20
259.000	0.00	0.01	0.808	O	|	|	|	|	4.20
259.083	0.00	0.01	0.808	O	|	|	|	|	4.20
259.167	0.00	0.01	0.808	O	|	|	|	|	4.20
259.250	0.00	0.01	0.808	O	|	|	|	|	4.20
259.333	0.00	0.01	0.808	O	|	|	|	|	4.20
259.417	0.00	0.01	0.808	O	|	|	|	|	4.20

259.500	0.00	0.01	0.808	O	|	|	|	|	4.20
259.583	0.00	0.01	0.808	O	|	|	|	|	4.20
259.667	0.00	0.01	0.808	O	|	|	|	|	4.19
259.750	0.00	0.01	0.808	O	|	|	|	|	4.19
259.833	0.00	0.01	0.807	O	|	|	|	|	4.19
259.917	0.00	0.01	0.807	O	|	|	|	|	4.19
260.000	0.00	0.01	0.807	O	|	|	|	|	4.19
260.083	0.00	0.01	0.807	O	|	|	|	|	4.19
260.167	0.00	0.01	0.807	O	|	|	|	|	4.19
260.250	0.00	0.01	0.807	O	|	|	|	|	4.19
260.333	0.00	0.01	0.807	O	|	|	|	|	4.19
260.417	0.00	0.01	0.807	O	|	|	|	|	4.19
260.500	0.00	0.01	0.807	O	|	|	|	|	4.19
260.583	0.00	0.01	0.807	O	|	|	|	|	4.19
260.667	0.00	0.01	0.807	O	|	|	|	|	4.19
260.750	0.00	0.01	0.807	O	|	|	|	|	4.19
260.833	0.00	0.01	0.807	O	|	|	|	|	4.19
260.917	0.00	0.01	0.807	O	|	|	|	|	4.19
261.000	0.00	0.01	0.807	O	|	|	|	|	4.19
261.083	0.00	0.01	0.806	O	|	|	|	|	4.19
261.167	0.00	0.01	0.806	O	|	|	|	|	4.19
261.250	0.00	0.01	0.806	O	|	|	|	|	4.19
261.333	0.00	0.01	0.806	O	|	|	|	|	4.19
261.417	0.00	0.01	0.806	O	|	|	|	|	4.19
261.500	0.00	0.01	0.806	O	|	|	|	|	4.19
261.583	0.00	0.01	0.806	O	|	|	|	|	4.19
261.667	0.00	0.01	0.806	O	|	|	|	|	4.19
261.750	0.00	0.01	0.806	O	|	|	|	|	4.19
261.833	0.00	0.01	0.806	O	|	|	|	|	4.19
261.917	0.00	0.01	0.806	O	|	|	|	|	4.19
262.000	0.00	0.01	0.806	O	|	|	|	|	4.18
262.083	0.00	0.01	0.806	O	|	|	|	|	4.18
262.167	0.00	0.01	0.806	O	|	|	|	|	4.18
262.250	0.00	0.01	0.805	O	|	|	|	|	4.18
262.333	0.00	0.01	0.805	O	|	|	|	|	4.18
262.417	0.00	0.01	0.805	O	|	|	|	|	4.18
262.500	0.00	0.01	0.805	O	|	|	|	|	4.18
262.583	0.00	0.01	0.805	O	|	|	|	|	4.18
262.667	0.00	0.01	0.805	O	|	|	|	|	4.18
262.750	0.00	0.01	0.805	O	|	|	|	|	4.18
262.833	0.00	0.01	0.805	O	|	|	|	|	4.18
262.917	0.00	0.01	0.805	O	|	|	|	|	4.18
263.000	0.00	0.01	0.805	O	|	|	|	|	4.18
263.083	0.00	0.01	0.805	O	|	|	|	|	4.18
263.167	0.00	0.01	0.805	O	|	|	|	|	4.18
263.250	0.00	0.01	0.805	O	|	|	|	|	4.18
263.333	0.00	0.01	0.805	O	|	|	|	|	4.18
263.417	0.00	0.01	0.805	O	|	|	|	|	4.18
263.500	0.00	0.01	0.804	O	|	|	|	|	4.18
263.583	0.00	0.01	0.804	O	|	|	|	|	4.18
263.667	0.00	0.01	0.804	O	|	|	|	|	4.18
263.750	0.00	0.01	0.804	O	|	|	|	|	4.18
263.833	0.00	0.01	0.804	O	|	|	|	|	4.18
263.917	0.00	0.01	0.804	O	|	|	|	|	4.18
264.000	0.00	0.01	0.804	O	|	|	|	|	4.18
264.083	0.00	0.01	0.804	O	|	|	|	|	4.18
264.167	0.00	0.01	0.804	O	|	|	|	|	4.18

264.250	0.00	0.01	0.804	O	|	|	|	|	4.18
264.333	0.00	0.01	0.804	O	|	|	|	|	4.17
264.417	0.00	0.01	0.804	O	|	|	|	|	4.17
264.500	0.00	0.01	0.804	O	|	|	|	|	4.17
264.583	0.00	0.01	0.804	O	|	|	|	|	4.17
264.667	0.00	0.01	0.803	O	|	|	|	|	4.17
264.750	0.00	0.01	0.803	O	|	|	|	|	4.17
264.833	0.00	0.01	0.803	O	|	|	|	|	4.17
264.917	0.00	0.01	0.803	O	|	|	|	|	4.17
265.000	0.00	0.01	0.803	O	|	|	|	|	4.17
265.083	0.00	0.01	0.803	O	|	|	|	|	4.17
265.167	0.00	0.01	0.803	O	|	|	|	|	4.17
265.250	0.00	0.01	0.803	O	|	|	|	|	4.17
265.333	0.00	0.01	0.803	O	|	|	|	|	4.17
265.417	0.00	0.01	0.803	O	|	|	|	|	4.17
265.500	0.00	0.01	0.803	O	|	|	|	|	4.17
265.583	0.00	0.01	0.803	O	|	|	|	|	4.17
265.667	0.00	0.01	0.803	O	|	|	|	|	4.17
265.750	0.00	0.01	0.803	O	|	|	|	|	4.17
265.833	0.00	0.01	0.803	O	|	|	|	|	4.17
265.917	0.00	0.01	0.802	O	|	|	|	|	4.17
266.000	0.00	0.01	0.802	O	|	|	|	|	4.17
266.083	0.00	0.01	0.802	O	|	|	|	|	4.17
266.167	0.00	0.01	0.802	O	|	|	|	|	4.17
266.250	0.00	0.01	0.802	O	|	|	|	|	4.17
266.333	0.00	0.01	0.802	O	|	|	|	|	4.17
266.417	0.00	0.01	0.802	O	|	|	|	|	4.17
266.500	0.00	0.01	0.802	O	|	|	|	|	4.17
266.583	0.00	0.01	0.802	O	|	|	|	|	4.17
266.667	0.00	0.01	0.802	O	|	|	|	|	4.17
266.750	0.00	0.01	0.802	O	|	|	|	|	4.16
266.833	0.00	0.01	0.802	O	|	|	|	|	4.16
266.917	0.00	0.01	0.802	O	|	|	|	|	4.16
267.000	0.00	0.01	0.802	O	|	|	|	|	4.16
267.083	0.00	0.01	0.802	O	|	|	|	|	4.16
267.167	0.00	0.01	0.801	O	|	|	|	|	4.16
267.250	0.00	0.01	0.801	O	|	|	|	|	4.16
267.333	0.00	0.01	0.801	O	|	|	|	|	4.16
267.417	0.00	0.01	0.801	O	|	|	|	|	4.16
267.500	0.00	0.01	0.801	O	|	|	|	|	4.16
267.583	0.00	0.01	0.801	O	|	|	|	|	4.16
267.667	0.00	0.01	0.801	O	|	|	|	|	4.16
267.750	0.00	0.01	0.801	O	|	|	|	|	4.16
267.833	0.00	0.01	0.801	O	|	|	|	|	4.16
267.917	0.00	0.01	0.801	O	|	|	|	|	4.16
268.000	0.00	0.01	0.801	O	|	|	|	|	4.16
268.083	0.00	0.01	0.801	O	|	|	|	|	4.16
268.167	0.00	0.01	0.801	O	|	|	|	|	4.16
268.250	0.00	0.01	0.801	O	|	|	|	|	4.16
268.333	0.00	0.01	0.800	O	|	|	|	|	4.16
268.417	0.00	0.01	0.800	O	|	|	|	|	4.16
268.500	0.00	0.01	0.800	O	|	|	|	|	4.16
268.583	0.00	0.01	0.800	O	|	|	|	|	4.16
268.667	0.00	0.01	0.800	O	|	|	|	|	4.16
268.750	0.00	0.01	0.800	O	|	|	|	|	4.16
268.833	0.00	0.01	0.800	O	|	|	|	|	4.16
268.917	0.00	0.01	0.800	O	|	|	|	|	4.16

269.000	0.00	0.01	0.800	O	|	|	|	|	4.16
269.083	0.00	0.01	0.800	O	|	|	|	|	4.15
269.167	0.00	0.01	0.800	O	|	|	|	|	4.15
269.250	0.00	0.01	0.800	O	|	|	|	|	4.15
269.333	0.00	0.01	0.800	O	|	|	|	|	4.15
269.417	0.00	0.01	0.800	O	|	|	|	|	4.15
269.500	0.00	0.01	0.800	O	|	|	|	|	4.15
269.583	0.00	0.01	0.799	O	|	|	|	|	4.15
269.667	0.00	0.01	0.799	O	|	|	|	|	4.15
269.750	0.00	0.01	0.799	O	|	|	|	|	4.15
269.833	0.00	0.01	0.799	O	|	|	|	|	4.15
269.917	0.00	0.01	0.799	O	|	|	|	|	4.15
270.000	0.00	0.01	0.799	O	|	|	|	|	4.15
270.083	0.00	0.01	0.799	O	|	|	|	|	4.15
270.167	0.00	0.01	0.799	O	|	|	|	|	4.15
270.250	0.00	0.01	0.799	O	|	|	|	|	4.15
270.333	0.00	0.01	0.799	O	|	|	|	|	4.15
270.417	0.00	0.01	0.799	O	|	|	|	|	4.15
270.500	0.00	0.01	0.799	O	|	|	|	|	4.15
270.583	0.00	0.01	0.799	O	|	|	|	|	4.15
270.667	0.00	0.01	0.799	O	|	|	|	|	4.15
270.750	0.00	0.01	0.798	O	|	|	|	|	4.15
270.833	0.00	0.01	0.798	O	|	|	|	|	4.15
270.917	0.00	0.01	0.798	O	|	|	|	|	4.15
271.000	0.00	0.01	0.798	O	|	|	|	|	4.15
271.083	0.00	0.01	0.798	O	|	|	|	|	4.15
271.167	0.00	0.01	0.798	O	|	|	|	|	4.15
271.250	0.00	0.01	0.798	O	|	|	|	|	4.15
271.333	0.00	0.01	0.798	O	|	|	|	|	4.15
271.417	0.00	0.01	0.798	O	|	|	|	|	4.14
271.500	0.00	0.01	0.798	O	|	|	|	|	4.14
271.583	0.00	0.01	0.798	O	|	|	|	|	4.14
271.667	0.00	0.01	0.798	O	|	|	|	|	4.14
271.750	0.00	0.01	0.798	O	|	|	|	|	4.14
271.833	0.00	0.01	0.798	O	|	|	|	|	4.14
271.917	0.00	0.01	0.798	O	|	|	|	|	4.14
272.000	0.00	0.01	0.797	O	|	|	|	|	4.14
272.083	0.00	0.01	0.797	O	|	|	|	|	4.14
272.167	0.00	0.01	0.797	O	|	|	|	|	4.14
272.250	0.00	0.01	0.797	O	|	|	|	|	4.14
272.333	0.00	0.01	0.797	O	|	|	|	|	4.14
272.417	0.00	0.01	0.797	O	|	|	|	|	4.14
272.500	0.00	0.01	0.797	O	|	|	|	|	4.14
272.583	0.00	0.01	0.797	O	|	|	|	|	4.14
272.667	0.00	0.01	0.797	O	|	|	|	|	4.14
272.750	0.00	0.01	0.797	O	|	|	|	|	4.14
272.833	0.00	0.01	0.797	O	|	|	|	|	4.14
272.917	0.00	0.01	0.797	O	|	|	|	|	4.14
273.000	0.00	0.01	0.797	O	|	|	|	|	4.14
273.083	0.00	0.01	0.797	O	|	|	|	|	4.14
273.167	0.00	0.01	0.796	O	|	|	|	|	4.14
273.250	0.00	0.01	0.796	O	|	|	|	|	4.14
273.333	0.00	0.01	0.796	O	|	|	|	|	4.14
273.417	0.00	0.01	0.796	O	|	|	|	|	4.14
273.500	0.00	0.01	0.796	O	|	|	|	|	4.14
273.583	0.00	0.01	0.796	O	|	|	|	|	4.14
273.667	0.00	0.01	0.796	O	|	|	|	|	4.14

273.750	0.00	0.01	0.796	O					4.13
273.833	0.00	0.01	0.796	O					4.13
273.917	0.00	0.01	0.796	O					4.13
274.000	0.00	0.01	0.796	O					4.13
274.083	0.00	0.01	0.796	O					4.13
274.167	0.00	0.01	0.796	O					4.13
274.250	0.00	0.01	0.796	O					4.13
274.333	0.00	0.01	0.796	O					4.13
274.417	0.00	0.01	0.795	O					4.13
274.500	0.00	0.01	0.795	O					4.13
274.583	0.00	0.01	0.795	O					4.13
274.667	0.00	0.01	0.795	O					4.13
274.750	0.00	0.01	0.795	O					4.13
274.833	0.00	0.01	0.795	O					4.13
274.917	0.00	0.01	0.795	O					4.13
275.000	0.00	0.01	0.795	O					4.13
275.083	0.00	0.01	0.795	O					4.13
275.167	0.00	0.01	0.795	O					4.13
275.250	0.00	0.01	0.795	O					4.13
275.333	0.00	0.01	0.795	O					4.13
275.417	0.00	0.01	0.795	O					4.13
275.500	0.00	0.01	0.795	O					4.13
275.583	0.00	0.01	0.794	O					4.13
275.667	0.00	0.01	0.794	O					4.13
275.750	0.00	0.01	0.794	O					4.13
275.833	0.00	0.01	0.794	O					4.13
275.917	0.00	0.01	0.794	O					4.13
276.000	0.00	0.01	0.794	O					4.13
276.083	0.00	0.01	0.794	O					4.12
276.167	0.00	0.01	0.794	O					4.12
276.250	0.00	0.01	0.794	O					4.12
276.333	0.00	0.01	0.794	O					4.12
276.417	0.00	0.01	0.794	O					4.12
276.500	0.00	0.01	0.794	O					4.12
276.583	0.00	0.01	0.794	O					4.12
276.667	0.00	0.01	0.794	O					4.12
276.750	0.00	0.01	0.794	O					4.12
276.833	0.00	0.01	0.793	O					4.12
276.917	0.00	0.01	0.793	O					4.12
277.000	0.00	0.01	0.793	O					4.12
277.083	0.00	0.01	0.793	O					4.12
277.167	0.00	0.01	0.793	O					4.12
277.250	0.00	0.01	0.793	O					4.12
277.333	0.00	0.01	0.793	O					4.12
277.417	0.00	0.01	0.793	O					4.12
277.500	0.00	0.01	0.793	O					4.12
277.583	0.00	0.01	0.793	O					4.12
277.667	0.00	0.01	0.793	O					4.12
277.750	0.00	0.01	0.793	O					4.12
277.833	0.00	0.01	0.793	O					4.12
277.917	0.00	0.01	0.793	O					4.12
278.000	0.00	0.01	0.792	O					4.12
278.083	0.00	0.01	0.792	O					4.12
278.167	0.00	0.01	0.792	O					4.12
278.250	0.00	0.01	0.792	O					4.12
278.333	0.00	0.01	0.792	O					4.12
278.417	0.00	0.01	0.792	O					4.11

278.500	0.00	0.01	0.792	O	|	|	|	4.11
278.583	0.00	0.01	0.792	O	|	|	|	4.11
278.667	0.00	0.01	0.792	O	|	|	|	4.11
278.750	0.00	0.01	0.792	O	|	|	|	4.11
278.833	0.00	0.01	0.792	O	|	|	|	4.11
278.917	0.00	0.01	0.792	O	|	|	|	4.11
279.000	0.00	0.01	0.792	O	|	|	|	4.11
279.083	0.00	0.01	0.792	O	|	|	|	4.11
279.167	0.00	0.01	0.792	O	|	|	|	4.11
279.250	0.00	0.01	0.791	O	|	|	|	4.11
279.333	0.00	0.01	0.791	O	|	|	|	4.11
279.417	0.00	0.01	0.791	O	|	|	|	4.11
279.500	0.00	0.01	0.791	O	|	|	|	4.11
279.583	0.00	0.01	0.791	O	|	|	|	4.11
279.667	0.00	0.01	0.791	O	|	|	|	4.11
279.750	0.00	0.01	0.791	O	|	|	|	4.11
279.833	0.00	0.01	0.791	O	|	|	|	4.11
279.917	0.00	0.01	0.791	O	|	|	|	4.11
280.000	0.00	0.01	0.791	O	|	|	|	4.11
280.083	0.00	0.01	0.791	O	|	|	|	4.11
280.167	0.00	0.01	0.791	O	|	|	|	4.11
280.250	0.00	0.01	0.791	O	|	|	|	4.11
280.333	0.00	0.01	0.791	O	|	|	|	4.11
280.417	0.00	0.01	0.790	O	|	|	|	4.11
280.500	0.00	0.01	0.790	O	|	|	|	4.11
280.583	0.00	0.01	0.790	O	|	|	|	4.11
280.667	0.00	0.01	0.790	O	|	|	|	4.11
280.750	0.00	0.01	0.790	O	|	|	|	4.10
280.833	0.00	0.01	0.790	O	|	|	|	4.10
280.917	0.00	0.01	0.790	O	|	|	|	4.10
281.000	0.00	0.01	0.790	O	|	|	|	4.10
281.083	0.00	0.01	0.790	O	|	|	|	4.10
281.167	0.00	0.01	0.790	O	|	|	|	4.10
281.250	0.00	0.01	0.790	O	|	|	|	4.10
281.333	0.00	0.01	0.790	O	|	|	|	4.10
281.417	0.00	0.01	0.790	O	|	|	|	4.10
281.500	0.00	0.01	0.790	O	|	|	|	4.10
281.583	0.00	0.01	0.790	O	|	|	|	4.10
281.667	0.00	0.01	0.789	O	|	|	|	4.10
281.750	0.00	0.01	0.789	O	|	|	|	4.10
281.833	0.00	0.01	0.789	O	|	|	|	4.10
281.917	0.00	0.01	0.789	O	|	|	|	4.10
282.000	0.00	0.01	0.789	O	|	|	|	4.10
282.083	0.00	0.01	0.789	O	|	|	|	4.10
282.167	0.00	0.01	0.789	O	|	|	|	4.10
282.250	0.00	0.01	0.789	O	|	|	|	4.10
282.333	0.00	0.01	0.789	O	|	|	|	4.10
282.417	0.00	0.01	0.789	O	|	|	|	4.10
282.500	0.00	0.01	0.789	O	|	|	|	4.10
282.583	0.00	0.01	0.789	O	|	|	|	4.10
282.667	0.00	0.01	0.789	O	|	|	|	4.10
282.750	0.00	0.01	0.789	O	|	|	|	4.10
282.833	0.00	0.01	0.788	O	|	|	|	4.10
282.917	0.00	0.01	0.788	O	|	|	|	4.10
283.000	0.00	0.01	0.788	O	|	|	|	4.10
283.083	0.00	0.01	0.788	O	|	|	|	4.09
283.167	0.00	0.01	0.788	O	|	|	|	4.09

283.250	0.00	0.01	0.788	O					4.09
283.333	0.00	0.01	0.788	O					4.09
283.417	0.00	0.01	0.788	O					4.09
283.500	0.00	0.01	0.788	O					4.09
283.583	0.00	0.01	0.788	O					4.09
283.667	0.00	0.01	0.788	O					4.09
283.750	0.00	0.01	0.788	O					4.09
283.833	0.00	0.01	0.788	O					4.09
283.917	0.00	0.01	0.788	O					4.09
284.000	0.00	0.01	0.788	O					4.09
284.083	0.00	0.01	0.787	O					4.09
284.167	0.00	0.01	0.787	O					4.09
284.250	0.00	0.01	0.787	O					4.09
284.333	0.00	0.01	0.787	O					4.09
284.417	0.00	0.01	0.787	O					4.09
284.500	0.00	0.01	0.787	O					4.09
284.583	0.00	0.01	0.787	O					4.09
284.667	0.00	0.01	0.787	O					4.09
284.750	0.00	0.01	0.787	O					4.09
284.833	0.00	0.01	0.787	O					4.09
284.917	0.00	0.01	0.787	O					4.09
285.000	0.00	0.01	0.787	O					4.09
285.083	0.00	0.01	0.787	O					4.09
285.167	0.00	0.01	0.787	O					4.09
285.250	0.00	0.01	0.786	O					4.09
285.333	0.00	0.01	0.786	O					4.09
285.417	0.00	0.01	0.786	O					4.08
285.500	0.00	0.01	0.786	O					4.08
285.583	0.00	0.01	0.786	O					4.08
285.667	0.00	0.01	0.786	O					4.08
285.750	0.00	0.01	0.786	O					4.08
285.833	0.00	0.01	0.786	O					4.08
285.917	0.00	0.01	0.786	O					4.08
286.000	0.00	0.01	0.786	O					4.08
286.083	0.00	0.01	0.786	O					4.08
286.167	0.00	0.01	0.786	O					4.08
286.250	0.00	0.01	0.786	O					4.08
286.333	0.00	0.01	0.786	O					4.08
286.417	0.00	0.01	0.786	O					4.08
286.500	0.00	0.01	0.785	O					4.08
286.583	0.00	0.01	0.785	O					4.08
286.667	0.00	0.01	0.785	O					4.08
286.750	0.00	0.01	0.785	O					4.08
286.833	0.00	0.01	0.785	O					4.08
286.917	0.00	0.01	0.785	O					4.08
287.000	0.00	0.01	0.785	O					4.08
287.083	0.00	0.01	0.785	O					4.08
287.167	0.00	0.01	0.785	O					4.08
287.250	0.00	0.01	0.785	O					4.08
287.333	0.00	0.01	0.785	O					4.08
287.417	0.00	0.01	0.785	O					4.08
287.500	0.00	0.01	0.785	O					4.08
287.583	0.00	0.01	0.785	O					4.08
287.667	0.00	0.01	0.784	O					4.08
287.750	0.00	0.01	0.784	O					4.07
287.833	0.00	0.01	0.784	O					4.07
287.917	0.00	0.01	0.784	O					4.07

288.000	0.00	0.01	0.784	O	|	|	|	4.07
288.083	0.00	0.01	0.784	O	|	|	|	4.07
288.167	0.00	0.01	0.784	O	|	|	|	4.07
288.250	0.00	0.01	0.784	O	|	|	|	4.07
288.333	0.00	0.01	0.784	O	|	|	|	4.07
288.417	0.00	0.01	0.784	O	|	|	|	4.07
288.500	0.00	0.01	0.784	O	|	|	|	4.07
288.583	0.00	0.01	0.784	O	|	|	|	4.07
288.667	0.00	0.01	0.784	O	|	|	|	4.07
288.750	0.00	0.01	0.784	O	|	|	|	4.07
288.833	0.00	0.01	0.784	O	|	|	|	4.07
288.917	0.00	0.01	0.783	O	|	|	|	4.07
289.000	0.00	0.01	0.783	O	|	|	|	4.07
289.083	0.00	0.01	0.783	O	|	|	|	4.07
289.167	0.00	0.01	0.783	O	|	|	|	4.07
289.250	0.00	0.01	0.783	O	|	|	|	4.07
289.333	0.00	0.01	0.783	O	|	|	|	4.07
289.417	0.00	0.01	0.783	O	|	|	|	4.07
289.500	0.00	0.01	0.783	O	|	|	|	4.07
289.583	0.00	0.01	0.783	O	|	|	|	4.07
289.667	0.00	0.01	0.783	O	|	|	|	4.07
289.750	0.00	0.01	0.783	O	|	|	|	4.07
289.833	0.00	0.01	0.783	O	|	|	|	4.07
289.917	0.00	0.01	0.783	O	|	|	|	4.07
290.000	0.00	0.01	0.783	O	|	|	|	4.07
290.083	0.00	0.01	0.782	O	|	|	|	4.06
290.167	0.00	0.01	0.782	O	|	|	|	4.06
290.250	0.00	0.01	0.782	O	|	|	|	4.06
290.333	0.00	0.01	0.782	O	|	|	|	4.06
290.417	0.00	0.01	0.782	O	|	|	|	4.06
290.500	0.00	0.01	0.782	O	|	|	|	4.06
290.583	0.00	0.01	0.782	O	|	|	|	4.06
290.667	0.00	0.01	0.782	O	|	|	|	4.06
290.750	0.00	0.01	0.782	O	|	|	|	4.06
290.833	0.00	0.01	0.782	O	|	|	|	4.06
290.917	0.00	0.01	0.782	O	|	|	|	4.06
291.000	0.00	0.01	0.782	O	|	|	|	4.06
291.083	0.00	0.01	0.782	O	|	|	|	4.06
291.167	0.00	0.01	0.782	O	|	|	|	4.06
291.250	0.00	0.01	0.782	O	|	|	|	4.06
291.333	0.00	0.01	0.781	O	|	|	|	4.06
291.417	0.00	0.01	0.781	O	|	|	|	4.06
291.500	0.00	0.01	0.781	O	|	|	|	4.06
291.583	0.00	0.01	0.781	O	|	|	|	4.06
291.667	0.00	0.01	0.781	O	|	|	|	4.06
291.750	0.00	0.01	0.781	O	|	|	|	4.06
291.833	0.00	0.01	0.781	O	|	|	|	4.06
291.917	0.00	0.01	0.781	O	|	|	|	4.06
292.000	0.00	0.01	0.781	O	|	|	|	4.06
292.083	0.00	0.01	0.781	O	|	|	|	4.06
292.167	0.00	0.01	0.781	O	|	|	|	4.06
292.250	0.00	0.01	0.781	O	|	|	|	4.06
292.333	0.00	0.01	0.781	O	|	|	|	4.06
292.417	0.00	0.01	0.781	O	|	|	|	4.05
292.500	0.00	0.01	0.780	O	|	|	|	4.05
292.583	0.00	0.01	0.780	O	|	|	|	4.05
292.667	0.00	0.01	0.780	O	|	|	|	4.05

292.750	0.00	0.01	0.780	O	|	|	|	4.05
292.833	0.00	0.01	0.780	O	|	|	|	4.05
292.917	0.00	0.01	0.780	O	|	|	|	4.05
293.000	0.00	0.01	0.780	O	|	|	|	4.05
293.083	0.00	0.01	0.780	O	|	|	|	4.05
293.167	0.00	0.01	0.780	O	|	|	|	4.05
293.250	0.00	0.01	0.780	O	|	|	|	4.05
293.333	0.00	0.01	0.780	O	|	|	|	4.05
293.417	0.00	0.01	0.780	O	|	|	|	4.05
293.500	0.00	0.01	0.780	O	|	|	|	4.05
293.583	0.00	0.01	0.780	O	|	|	|	4.05
293.667	0.00	0.01	0.780	O	|	|	|	4.05
293.750	0.00	0.01	0.779	O	|	|	|	4.05
293.833	0.00	0.01	0.779	O	|	|	|	4.05
293.917	0.00	0.01	0.779	O	|	|	|	4.05
294.000	0.00	0.01	0.779	O	|	|	|	4.05
294.083	0.00	0.01	0.779	O	|	|	|	4.05
294.167	0.00	0.01	0.779	O	|	|	|	4.05
294.250	0.00	0.01	0.779	O	|	|	|	4.05
294.333	0.00	0.01	0.779	O	|	|	|	4.05
294.417	0.00	0.01	0.779	O	|	|	|	4.05
294.500	0.00	0.01	0.779	O	|	|	|	4.05
294.583	0.00	0.01	0.779	O	|	|	|	4.05
294.667	0.00	0.01	0.779	O	|	|	|	4.05
294.750	0.00	0.01	0.779	O	|	|	|	4.04
294.833	0.00	0.01	0.779	O	|	|	|	4.04
294.917	0.00	0.01	0.778	O	|	|	|	4.04
295.000	0.00	0.01	0.778	O	|	|	|	4.04
295.083	0.00	0.01	0.778	O	|	|	|	4.04
295.167	0.00	0.01	0.778	O	|	|	|	4.04
295.250	0.00	0.01	0.778	O	|	|	|	4.04
295.333	0.00	0.01	0.778	O	|	|	|	4.04
295.417	0.00	0.01	0.778	O	|	|	|	4.04
295.500	0.00	0.01	0.778	O	|	|	|	4.04
295.583	0.00	0.01	0.778	O	|	|	|	4.04
295.667	0.00	0.01	0.778	O	|	|	|	4.04
295.750	0.00	0.01	0.778	O	|	|	|	4.04
295.833	0.00	0.01	0.778	O	|	|	|	4.04
295.917	0.00	0.01	0.778	O	|	|	|	4.04
296.000	0.00	0.01	0.778	O	|	|	|	4.04
296.083	0.00	0.01	0.778	O	|	|	|	4.04
296.167	0.00	0.01	0.777	O	|	|	|	4.04
296.250	0.00	0.01	0.777	O	|	|	|	4.04
296.333	0.00	0.01	0.777	O	|	|	|	4.04
296.417	0.00	0.01	0.777	O	|	|	|	4.04
296.500	0.00	0.01	0.777	O	|	|	|	4.04
296.583	0.00	0.01	0.777	O	|	|	|	4.04
296.667	0.00	0.01	0.777	O	|	|	|	4.04
296.750	0.00	0.01	0.777	O	|	|	|	4.04
296.833	0.00	0.01	0.777	O	|	|	|	4.04
296.917	0.00	0.01	0.777	O	|	|	|	4.04
297.000	0.00	0.01	0.777	O	|	|	|	4.04
297.083	0.00	0.01	0.777	O	|	|	|	4.03
297.167	0.00	0.01	0.777	O	|	|	|	4.03
297.250	0.00	0.01	0.777	O	|	|	|	4.03
297.333	0.00	0.01	0.777	O	|	|	|	4.03
297.417	0.00	0.01	0.776	O	|	|	|	4.03

297.500	0.00	0.01	0.776	O	|	|	|	4.03
297.583	0.00	0.01	0.776	O	|	|	|	4.03
297.667	0.00	0.01	0.776	O	|	|	|	4.03
297.750	0.00	0.01	0.776	O	|	|	|	4.03
297.833	0.00	0.01	0.776	O	|	|	|	4.03
297.917	0.00	0.01	0.776	O	|	|	|	4.03
298.000	0.00	0.01	0.776	O	|	|	|	4.03
298.083	0.00	0.01	0.776	O	|	|	|	4.03
298.167	0.00	0.01	0.776	O	|	|	|	4.03
298.250	0.00	0.01	0.776	O	|	|	|	4.03
298.333	0.00	0.01	0.776	O	|	|	|	4.03
298.417	0.00	0.01	0.776	O	|	|	|	4.03
298.500	0.00	0.01	0.776	O	|	|	|	4.03
298.583	0.00	0.01	0.775	O	|	|	|	4.03
298.667	0.00	0.01	0.775	O	|	|	|	4.03
298.750	0.00	0.01	0.775	O	|	|	|	4.03
298.833	0.00	0.01	0.775	O	|	|	|	4.03
298.917	0.00	0.01	0.775	O	|	|	|	4.03
299.000	0.00	0.01	0.775	O	|	|	|	4.03
299.083	0.00	0.01	0.775	O	|	|	|	4.03
299.167	0.00	0.01	0.775	O	|	|	|	4.03
299.250	0.00	0.01	0.775	O	|	|	|	4.03
299.333	0.00	0.01	0.775	O	|	|	|	4.03
299.417	0.00	0.01	0.775	O	|	|	|	4.02
299.500	0.00	0.01	0.775	O	|	|	|	4.02
299.583	0.00	0.01	0.775	O	|	|	|	4.02
299.667	0.00	0.01	0.775	O	|	|	|	4.02
299.750	0.00	0.01	0.775	O	|	|	|	4.02
299.833	0.00	0.01	0.774	O	|	|	|	4.02
299.917	0.00	0.01	0.774	O	|	|	|	4.02
300.000	0.00	0.01	0.774	O	|	|	|	4.02
300.083	0.00	0.01	0.774	O	|	|	|	4.02
300.167	0.00	0.01	0.774	O	|	|	|	4.02
300.250	0.00	0.01	0.774	O	|	|	|	4.02
300.333	0.00	0.01	0.774	O	|	|	|	4.02
300.417	0.00	0.01	0.774	O	|	|	|	4.02
300.500	0.00	0.01	0.774	O	|	|	|	4.02
300.583	0.00	0.01	0.774	O	|	|	|	4.02
300.667	0.00	0.01	0.774	O	|	|	|	4.02
300.750	0.00	0.01	0.774	O	|	|	|	4.02
300.833	0.00	0.01	0.774	O	|	|	|	4.02
300.917	0.00	0.01	0.774	O	|	|	|	4.02
301.000	0.00	0.01	0.773	O	|	|	|	4.02
301.083	0.00	0.01	0.773	O	|	|	|	4.02
301.167	0.00	0.01	0.773	O	|	|	|	4.02
301.250	0.00	0.01	0.773	O	|	|	|	4.02
301.333	0.00	0.01	0.773	O	|	|	|	4.02
301.417	0.00	0.01	0.773	O	|	|	|	4.02
301.500	0.00	0.01	0.773	O	|	|	|	4.02
301.583	0.00	0.01	0.773	O	|	|	|	4.02
301.667	0.00	0.01	0.773	O	|	|	|	4.02
301.750	0.00	0.01	0.773	O	|	|	|	4.01
301.833	0.00	0.01	0.773	O	|	|	|	4.01
301.917	0.00	0.01	0.773	O	|	|	|	4.01
302.000	0.00	0.01	0.773	O	|	|	|	4.01
302.083	0.00	0.01	0.773	O	|	|	|	4.01
302.167	0.00	0.01	0.773	O	|	|	|	4.01

302.250	0.00	0.01	0.772	O	|	|	|	4.01
302.333	0.00	0.01	0.772	O	|	|	|	4.01
302.417	0.00	0.01	0.772	O	|	|	|	4.01
302.500	0.00	0.01	0.772	O	|	|	|	4.01
302.583	0.00	0.01	0.772	O	|	|	|	4.01
302.667	0.00	0.01	0.772	O	|	|	|	4.01
302.750	0.00	0.01	0.772	O	|	|	|	4.01
302.833	0.00	0.01	0.772	O	|	|	|	4.01
302.917	0.00	0.01	0.772	O	|	|	|	4.01
303.000	0.00	0.01	0.772	O	|	|	|	4.01
303.083	0.00	0.01	0.772	O	|	|	|	4.01
303.167	0.00	0.01	0.772	O	|	|	|	4.01
303.250	0.00	0.01	0.772	O	|	|	|	4.01
303.333	0.00	0.01	0.772	O	|	|	|	4.01
303.417	0.00	0.01	0.771	O	|	|	|	4.01
303.500	0.00	0.01	0.771	O	|	|	|	4.01
303.583	0.00	0.01	0.771	O	|	|	|	4.01
303.667	0.00	0.01	0.771	O	|	|	|	4.01
303.750	0.00	0.01	0.771	O	|	|	|	4.01
303.833	0.00	0.01	0.771	O	|	|	|	4.01
303.917	0.00	0.01	0.771	O	|	|	|	4.01
304.000	0.00	0.01	0.771	O	|	|	|	4.01
304.083	0.00	0.01	0.771	O	|	|	|	4.00
304.167	0.00	0.01	0.771	O	|	|	|	4.00
304.250	0.00	0.01	0.771	O	|	|	|	4.00
304.333	0.00	0.01	0.771	O	|	|	|	4.00
304.417	0.00	0.01	0.771	O	|	|	|	4.00
304.500	0.00	0.01	0.771	O	|	|	|	4.00
304.583	0.00	0.01	0.771	O	|	|	|	4.00
304.667	0.00	0.01	0.770	O	|	|	|	4.00
304.750	0.00	0.01	0.770	O	|	|	|	4.00
304.833	0.00	0.01	0.770	O	|	|	|	4.00
304.917	0.00	0.01	0.770	O	|	|	|	4.00
305.000	0.00	0.01	0.770	O	|	|	|	4.00
305.083	0.00	0.01	0.770	O	|	|	|	4.00
305.167	0.00	0.01	0.770	O	|	|	|	4.00
305.250	0.00	0.01	0.770	O	|	|	|	4.00
305.333	0.00	0.01	0.770	O	|	|	|	4.00
305.417	0.00	0.01	0.770	O	|	|	|	4.00
305.500	0.00	0.01	0.770	O	|	|	|	4.00
305.583	0.00	0.01	0.770	O	|	|	|	4.00
305.667	0.00	0.01	0.770	O	|	|	|	4.00
305.750	0.00	0.01	0.770	O	|	|	|	4.00
305.833	0.00	0.01	0.769	O	|	|	|	4.00
305.917	0.00	0.01	0.769	O	|	|	|	4.00
306.000	0.00	0.01	0.769	O	|	|	|	4.00
306.083	0.00	0.01	0.769	O	|	|	|	4.00
306.167	0.00	0.01	0.769	O	|	|	|	4.00
306.250	0.00	0.01	0.769	O	|	|	|	4.00
306.333	0.00	0.01	0.769	O	|	|	|	4.00
306.417	0.00	0.01	0.769	O	|	|	|	3.99
306.500	0.00	0.01	0.769	O	|	|	|	3.99
306.583	0.00	0.01	0.769	O	|	|	|	3.99
306.667	0.00	0.01	0.769	O	|	|	|	3.99
306.750	0.00	0.01	0.769	O	|	|	|	3.99
306.833	0.00	0.01	0.769	O	|	|	|	3.99
306.917	0.00	0.01	0.769	O	|	|	|	3.99

307.000	0.00	0.01	0.769	O	|	|	|	3.99
307.083	0.00	0.01	0.768	O	|	|	|	3.99
307.167	0.00	0.01	0.768	O	|	|	|	3.99
307.250	0.00	0.01	0.768	O	|	|	|	3.99
307.333	0.00	0.01	0.768	O	|	|	|	3.99
307.417	0.00	0.01	0.768	O	|	|	|	3.99
307.500	0.00	0.01	0.768	O	|	|	|	3.99
307.583	0.00	0.01	0.768	O	|	|	|	3.99
307.667	0.00	0.01	0.768	O	|	|	|	3.99
307.750	0.00	0.01	0.768	O	|	|	|	3.99
307.833	0.00	0.01	0.768	O	|	|	|	3.99
307.917	0.00	0.01	0.768	O	|	|	|	3.99
308.000	0.00	0.01	0.768	O	|	|	|	3.99
308.083	0.00	0.01	0.768	O	|	|	|	3.99
308.167	0.00	0.01	0.768	O	|	|	|	3.99
308.250	0.00	0.01	0.767	O	|	|	|	3.99
308.333	0.00	0.01	0.767	O	|	|	|	3.99
308.417	0.00	0.01	0.767	O	|	|	|	3.99
308.500	0.00	0.01	0.767	O	|	|	|	3.99
308.583	0.00	0.01	0.767	O	|	|	|	3.99
308.667	0.00	0.01	0.767	O	|	|	|	3.99
308.750	0.00	0.01	0.767	O	|	|	|	3.98
308.833	0.00	0.01	0.767	O	|	|	|	3.98
308.917	0.00	0.01	0.767	O	|	|	|	3.98
309.000	0.00	0.01	0.767	O	|	|	|	3.98
309.083	0.00	0.01	0.767	O	|	|	|	3.98
309.167	0.00	0.01	0.767	O	|	|	|	3.98
309.250	0.00	0.01	0.767	O	|	|	|	3.98
309.333	0.00	0.01	0.767	O	|	|	|	3.98
309.417	0.00	0.01	0.767	O	|	|	|	3.98
309.500	0.00	0.01	0.766	O	|	|	|	3.98
309.583	0.00	0.01	0.766	O	|	|	|	3.98
309.667	0.00	0.01	0.766	O	|	|	|	3.98
309.750	0.00	0.01	0.766	O	|	|	|	3.98
309.833	0.00	0.01	0.766	O	|	|	|	3.98
309.917	0.00	0.01	0.766	O	|	|	|	3.98
310.000	0.00	0.01	0.766	O	|	|	|	3.98
310.083	0.00	0.01	0.766	O	|	|	|	3.98
310.167	0.00	0.01	0.766	O	|	|	|	3.98
310.250	0.00	0.01	0.766	O	|	|	|	3.98
310.333	0.00	0.01	0.766	O	|	|	|	3.98
310.417	0.00	0.01	0.766	O	|	|	|	3.98
310.500	0.00	0.01	0.766	O	|	|	|	3.98
310.583	0.00	0.01	0.766	O	|	|	|	3.98
310.667	0.00	0.01	0.765	O	|	|	|	3.98
310.750	0.00	0.01	0.765	O	|	|	|	3.98
310.833	0.00	0.01	0.765	O	|	|	|	3.98
310.917	0.00	0.01	0.765	O	|	|	|	3.98
311.000	0.00	0.01	0.765	O	|	|	|	3.98
311.083	0.00	0.01	0.765	O	|	|	|	3.97
311.167	0.00	0.01	0.765	O	|	|	|	3.97
311.250	0.00	0.01	0.765	O	|	|	|	3.97
311.333	0.00	0.01	0.765	O	|	|	|	3.97
311.417	0.00	0.01	0.765	O	|	|	|	3.97
311.500	0.00	0.01	0.765	O	|	|	|	3.97
311.583	0.00	0.01	0.765	O	|	|	|	3.97
311.667	0.00	0.01	0.765	O	|	|	|	3.97

311.750	0.00	0.01	0.765	O	|	|	|	3.97
311.833	0.00	0.01	0.765	O	|	|	|	3.97
311.917	0.00	0.01	0.764	O	|	|	|	3.97
312.000	0.00	0.01	0.764	O	|	|	|	3.97
312.083	0.00	0.01	0.764	O	|	|	|	3.97
312.167	0.00	0.01	0.764	O	|	|	|	3.97
312.250	0.00	0.01	0.764	O	|	|	|	3.97
312.333	0.00	0.01	0.764	O	|	|	|	3.97
312.417	0.00	0.01	0.764	O	|	|	|	3.97
312.500	0.00	0.01	0.764	O	|	|	|	3.97
312.583	0.00	0.01	0.764	O	|	|	|	3.97
312.667	0.00	0.01	0.764	O	|	|	|	3.97
312.750	0.00	0.01	0.764	O	|	|	|	3.97
312.833	0.00	0.01	0.764	O	|	|	|	3.97
312.917	0.00	0.01	0.764	O	|	|	|	3.97
313.000	0.00	0.01	0.764	O	|	|	|	3.97
313.083	0.00	0.01	0.763	O	|	|	|	3.97
313.167	0.00	0.01	0.763	O	|	|	|	3.97
313.250	0.00	0.01	0.763	O	|	|	|	3.97
313.333	0.00	0.01	0.763	O	|	|	|	3.96
313.417	0.00	0.01	0.763	O	|	|	|	3.96
313.500	0.00	0.01	0.763	O	|	|	|	3.96
313.583	0.00	0.01	0.763	O	|	|	|	3.96
313.667	0.00	0.01	0.763	O	|	|	|	3.96
313.750	0.00	0.01	0.763	O	|	|	|	3.96
313.833	0.00	0.01	0.763	O	|	|	|	3.96
313.917	0.00	0.01	0.763	O	|	|	|	3.96
314.000	0.00	0.01	0.763	O	|	|	|	3.96
314.083	0.00	0.01	0.763	O	|	|	|	3.96
314.167	0.00	0.01	0.763	O	|	|	|	3.96
314.250	0.00	0.01	0.763	O	|	|	|	3.96
314.333	0.00	0.01	0.762	O	|	|	|	3.96
314.417	0.00	0.01	0.762	O	|	|	|	3.96
314.500	0.00	0.01	0.762	O	|	|	|	3.96
314.583	0.00	0.01	0.762	O	|	|	|	3.96
314.667	0.00	0.01	0.762	O	|	|	|	3.96
314.750	0.00	0.01	0.762	O	|	|	|	3.96
314.833	0.00	0.01	0.762	O	|	|	|	3.96
314.917	0.00	0.01	0.762	O	|	|	|	3.96
315.000	0.00	0.01	0.762	O	|	|	|	3.96
315.083	0.00	0.01	0.762	O	|	|	|	3.96
315.167	0.00	0.01	0.762	O	|	|	|	3.96
315.250	0.00	0.01	0.762	O	|	|	|	3.96
315.333	0.00	0.01	0.762	O	|	|	|	3.96
315.417	0.00	0.01	0.762	O	|	|	|	3.96
315.500	0.00	0.01	0.761	O	|	|	|	3.96
315.583	0.00	0.01	0.761	O	|	|	|	3.96
315.667	0.00	0.01	0.761	O	|	|	|	3.95
315.750	0.00	0.01	0.761	O	|	|	|	3.95
315.833	0.00	0.01	0.761	O	|	|	|	3.95
315.917	0.00	0.01	0.761	O	|	|	|	3.95
316.000	0.00	0.01	0.761	O	|	|	|	3.95
316.083	0.00	0.01	0.761	O	|	|	|	3.95
316.167	0.00	0.01	0.761	O	|	|	|	3.95
316.250	0.00	0.01	0.761	O	|	|	|	3.95
316.333	0.00	0.01	0.761	O	|	|	|	3.95
316.417	0.00	0.01	0.761	O	|	|	|	3.95

316.500	0.00	0.01	0.761	O	|	|	|	3.95
316.583	0.00	0.01	0.761	O	|	|	|	3.95
316.667	0.00	0.01	0.761	O	|	|	|	3.95
316.750	0.00	0.01	0.760	O	|	|	|	3.95
316.833	0.00	0.01	0.760	O	|	|	|	3.95
316.917	0.00	0.01	0.760	O	|	|	|	3.95
317.000	0.00	0.01	0.760	O	|	|	|	3.95
317.083	0.00	0.01	0.760	O	|	|	|	3.95
317.167	0.00	0.01	0.760	O	|	|	|	3.95
317.250	0.00	0.01	0.760	O	|	|	|	3.95
317.333	0.00	0.01	0.760	O	|	|	|	3.95
317.417	0.00	0.01	0.760	O	|	|	|	3.95
317.500	0.00	0.01	0.760	O	|	|	|	3.95
317.583	0.00	0.01	0.760	O	|	|	|	3.95
317.667	0.00	0.01	0.760	O	|	|	|	3.95
317.750	0.00	0.01	0.760	O	|	|	|	3.95
317.833	0.00	0.01	0.760	O	|	|	|	3.95
317.917	0.00	0.01	0.759	O	|	|	|	3.95
318.000	0.00	0.01	0.759	O	|	|	|	3.94
318.083	0.00	0.01	0.759	O	|	|	|	3.94
318.167	0.00	0.01	0.759	O	|	|	|	3.94
318.250	0.00	0.01	0.759	O	|	|	|	3.94
318.333	0.00	0.01	0.759	O	|	|	|	3.94
318.417	0.00	0.01	0.759	O	|	|	|	3.94
318.500	0.00	0.01	0.759	O	|	|	|	3.94
318.583	0.00	0.01	0.759	O	|	|	|	3.94
318.667	0.00	0.01	0.759	O	|	|	|	3.94
318.750	0.00	0.01	0.759	O	|	|	|	3.94
318.833	0.00	0.01	0.759	O	|	|	|	3.94
318.917	0.00	0.01	0.759	O	|	|	|	3.94
319.000	0.00	0.01	0.759	O	|	|	|	3.94
319.083	0.00	0.01	0.759	O	|	|	|	3.94
319.167	0.00	0.01	0.758	O	|	|	|	3.94
319.250	0.00	0.01	0.758	O	|	|	|	3.94
319.333	0.00	0.01	0.758	O	|	|	|	3.94
319.417	0.00	0.01	0.758	O	|	|	|	3.94
319.500	0.00	0.01	0.758	O	|	|	|	3.94
319.583	0.00	0.01	0.758	O	|	|	|	3.94
319.667	0.00	0.01	0.758	O	|	|	|	3.94
319.750	0.00	0.01	0.758	O	|	|	|	3.94
319.833	0.00	0.01	0.758	O	|	|	|	3.94
319.917	0.00	0.01	0.758	O	|	|	|	3.94
320.000	0.00	0.01	0.758	O	|	|	|	3.94
320.083	0.00	0.01	0.758	O	|	|	|	3.94
320.167	0.00	0.01	0.758	O	|	|	|	3.94
320.250	0.00	0.01	0.758	O	|	|	|	3.94
320.333	0.00	0.01	0.757	O	|	|	|	3.93
320.417	0.00	0.01	0.757	O	|	|	|	3.93
320.500	0.00	0.01	0.757	O	|	|	|	3.93
320.583	0.00	0.01	0.757	O	|	|	|	3.93
320.667	0.00	0.01	0.757	O	|	|	|	3.93
320.750	0.00	0.01	0.757	O	|	|	|	3.93
320.833	0.00	0.01	0.757	O	|	|	|	3.93
320.917	0.00	0.01	0.757	O	|	|	|	3.93
321.000	0.00	0.01	0.757	O	|	|	|	3.93
321.083	0.00	0.01	0.757	O	|	|	|	3.93
321.167	0.00	0.01	0.757	O	|	|	|	3.93

321.250	0.00	0.01	0.757	O	|	|	|	3.93
321.333	0.00	0.01	0.757	O	|	|	|	3.93
321.417	0.00	0.01	0.757	O	|	|	|	3.93
321.500	0.00	0.01	0.757	O	|	|	|	3.93
321.583	0.00	0.01	0.756	O	|	|	|	3.93
321.667	0.00	0.01	0.756	O	|	|	|	3.93
321.750	0.00	0.01	0.756	O	|	|	|	3.93
321.833	0.00	0.01	0.756	O	|	|	|	3.93
321.917	0.00	0.01	0.756	O	|	|	|	3.93
322.000	0.00	0.01	0.756	O	|	|	|	3.93
322.083	0.00	0.01	0.756	O	|	|	|	3.93
322.167	0.00	0.01	0.756	O	|	|	|	3.93
322.250	0.00	0.01	0.756	O	|	|	|	3.93
322.333	0.00	0.01	0.756	O	|	|	|	3.93
322.417	0.00	0.01	0.756	O	|	|	|	3.93
322.500	0.00	0.01	0.756	O	|	|	|	3.93
322.583	0.00	0.01	0.756	O	|	|	|	3.93
322.667	0.00	0.01	0.756	O	|	|	|	3.92
322.750	0.00	0.01	0.755	O	|	|	|	3.92
322.833	0.00	0.01	0.755	O	|	|	|	3.92
322.917	0.00	0.01	0.755	O	|	|	|	3.92
323.000	0.00	0.01	0.755	O	|	|	|	3.92
323.083	0.00	0.01	0.755	O	|	|	|	3.92
323.167	0.00	0.01	0.755	O	|	|	|	3.92
323.250	0.00	0.01	0.755	O	|	|	|	3.92
323.333	0.00	0.01	0.755	O	|	|	|	3.92
323.417	0.00	0.01	0.755	O	|	|	|	3.92
323.500	0.00	0.01	0.755	O	|	|	|	3.92
323.583	0.00	0.01	0.755	O	|	|	|	3.92
323.667	0.00	0.01	0.755	O	|	|	|	3.92
323.750	0.00	0.01	0.755	O	|	|	|	3.92
323.833	0.00	0.01	0.755	O	|	|	|	3.92
323.917	0.00	0.01	0.755	O	|	|	|	3.92
324.000	0.00	0.01	0.754	O	|	|	|	3.92
324.083	0.00	0.01	0.754	O	|	|	|	3.92
324.167	0.00	0.01	0.754	O	|	|	|	3.92
324.250	0.00	0.01	0.754	O	|	|	|	3.92
324.333	0.00	0.01	0.754	O	|	|	|	3.92
324.417	0.00	0.01	0.754	O	|	|	|	3.92
324.500	0.00	0.01	0.754	O	|	|	|	3.92
324.583	0.00	0.01	0.754	O	|	|	|	3.92
324.667	0.00	0.01	0.754	O	|	|	|	3.92
324.750	0.00	0.01	0.754	O	|	|	|	3.92
324.833	0.00	0.01	0.754	O	|	|	|	3.92
324.917	0.00	0.01	0.754	O	|	|	|	3.92
325.000	0.00	0.01	0.754	O	|	|	|	3.91
325.083	0.00	0.01	0.754	O	|	|	|	3.91
325.167	0.00	0.01	0.753	O	|	|	|	3.91
325.250	0.00	0.01	0.753	O	|	|	|	3.91
325.333	0.00	0.01	0.753	O	|	|	|	3.91
325.417	0.00	0.01	0.753	O	|	|	|	3.91
325.500	0.00	0.01	0.753	O	|	|	|	3.91
325.583	0.00	0.01	0.753	O	|	|	|	3.91
325.667	0.00	0.01	0.753	O	|	|	|	3.91
325.750	0.00	0.01	0.753	O	|	|	|	3.91
325.833	0.00	0.01	0.753	O	|	|	|	3.91
325.917	0.00	0.01	0.753	O	|	|	|	3.91

326.000	0.00	0.01	0.753	O	|	|	|	3.91
326.083	0.00	0.01	0.753	O	|	|	|	3.91
326.167	0.00	0.01	0.753	O	|	|	|	3.91
326.250	0.00	0.01	0.753	O	|	|	|	3.91
326.333	0.00	0.01	0.753	O	|	|	|	3.91
326.417	0.00	0.01	0.752	O	|	|	|	3.91
326.500	0.00	0.01	0.752	O	|	|	|	3.91
326.583	0.00	0.01	0.752	O	|	|	|	3.91
326.667	0.00	0.01	0.752	O	|	|	|	3.91
326.750	0.00	0.01	0.752	O	|	|	|	3.91
326.833	0.00	0.01	0.752	O	|	|	|	3.91
326.917	0.00	0.01	0.752	O	|	|	|	3.91
327.000	0.00	0.01	0.752	O	|	|	|	3.91
327.083	0.00	0.01	0.752	O	|	|	|	3.91
327.167	0.00	0.01	0.752	O	|	|	|	3.91
327.250	0.00	0.01	0.752	O	|	|	|	3.91
327.333	0.00	0.01	0.752	O	|	|	|	3.90
327.417	0.00	0.01	0.752	O	|	|	|	3.90
327.500	0.00	0.01	0.752	O	|	|	|	3.90
327.583	0.00	0.01	0.752	O	|	|	|	3.90
327.667	0.00	0.01	0.751	O	|	|	|	3.90
327.750	0.00	0.01	0.751	O	|	|	|	3.90
327.833	0.00	0.01	0.751	O	|	|	|	3.90
327.917	0.00	0.01	0.751	O	|	|	|	3.90
328.000	0.00	0.01	0.751	O	|	|	|	3.90
328.083	0.00	0.01	0.751	O	|	|	|	3.90
328.167	0.00	0.01	0.751	O	|	|	|	3.90
328.250	0.00	0.01	0.751	O	|	|	|	3.90
328.333	0.00	0.01	0.751	O	|	|	|	3.90
328.417	0.00	0.01	0.751	O	|	|	|	3.90
328.500	0.00	0.01	0.751	O	|	|	|	3.90
328.583	0.00	0.01	0.751	O	|	|	|	3.90
328.667	0.00	0.01	0.751	O	|	|	|	3.90
328.750	0.00	0.01	0.751	O	|	|	|	3.90
328.833	0.00	0.01	0.750	O	|	|	|	3.90
328.917	0.00	0.01	0.750	O	|	|	|	3.90
329.000	0.00	0.01	0.750	O	|	|	|	3.90
329.083	0.00	0.01	0.750	O	|	|	|	3.90
329.167	0.00	0.01	0.750	O	|	|	|	3.90
329.250	0.00	0.01	0.750	O	|	|	|	3.90
329.333	0.00	0.01	0.750	O	|	|	|	3.90
329.417	0.00	0.01	0.750	O	|	|	|	3.90
329.500	0.00	0.01	0.750	O	|	|	|	3.90
329.583	0.00	0.01	0.750	O	|	|	|	3.90
329.667	0.00	0.01	0.750	O	|	|	|	3.89
329.750	0.00	0.01	0.750	O	|	|	|	3.89
329.833	0.00	0.01	0.750	O	|	|	|	3.89
329.917	0.00	0.01	0.750	O	|	|	|	3.89
330.000	0.00	0.01	0.750	O	|	|	|	3.89
330.083	0.00	0.01	0.749	O	|	|	|	3.89
330.167	0.00	0.01	0.749	O	|	|	|	3.89
330.250	0.00	0.01	0.749	O	|	|	|	3.89
330.333	0.00	0.01	0.749	O	|	|	|	3.89
330.417	0.00	0.01	0.749	O	|	|	|	3.89
330.500	0.00	0.01	0.749	O	|	|	|	3.89
330.583	0.00	0.01	0.749	O	|	|	|	3.89
330.667	0.00	0.01	0.749	O	|	|	|	3.89

330.750	0.00	0.01	0.749	O	|	|	|	3.89
330.833	0.00	0.01	0.749	O	|	|	|	3.89
330.917	0.00	0.01	0.749	O	|	|	|	3.89
331.000	0.00	0.01	0.749	O	|	|	|	3.89
331.083	0.00	0.01	0.749	O	|	|	|	3.89
331.167	0.00	0.01	0.749	O	|	|	|	3.89
331.250	0.00	0.01	0.748	O	|	|	|	3.89
331.333	0.00	0.01	0.748	O	|	|	|	3.89
331.417	0.00	0.01	0.748	O	|	|	|	3.89
331.500	0.00	0.01	0.748	O	|	|	|	3.89
331.583	0.00	0.01	0.748	O	|	|	|	3.89
331.667	0.00	0.01	0.748	O	|	|	|	3.89
331.750	0.00	0.01	0.748	O	|	|	|	3.89
331.833	0.00	0.01	0.748	O	|	|	|	3.89
331.917	0.00	0.01	0.748	O	|	|	|	3.89
332.000	0.00	0.01	0.748	O	|	|	|	3.88
332.083	0.00	0.01	0.748	O	|	|	|	3.88
332.167	0.00	0.01	0.748	O	|	|	|	3.88
332.250	0.00	0.01	0.748	O	|	|	|	3.88
332.333	0.00	0.01	0.748	O	|	|	|	3.88
332.417	0.00	0.01	0.748	O	|	|	|	3.88
332.500	0.00	0.01	0.747	O	|	|	|	3.88
332.583	0.00	0.01	0.747	O	|	|	|	3.88
332.667	0.00	0.01	0.747	O	|	|	|	3.88
332.750	0.00	0.01	0.747	O	|	|	|	3.88
332.833	0.00	0.01	0.747	O	|	|	|	3.88
332.917	0.00	0.01	0.747	O	|	|	|	3.88
333.000	0.00	0.01	0.747	O	|	|	|	3.88
333.083	0.00	0.01	0.747	O	|	|	|	3.88
333.167	0.00	0.01	0.747	O	|	|	|	3.88
333.250	0.00	0.01	0.747	O	|	|	|	3.88
333.333	0.00	0.01	0.747	O	|	|	|	3.88
333.417	0.00	0.01	0.747	O	|	|	|	3.88
333.500	0.00	0.01	0.747	O	|	|	|	3.88
333.583	0.00	0.01	0.747	O	|	|	|	3.88
333.667	0.00	0.01	0.746	O	|	|	|	3.88
333.750	0.00	0.01	0.746	O	|	|	|	3.88
333.833	0.00	0.01	0.746	O	|	|	|	3.88
333.917	0.00	0.01	0.746	O	|	|	|	3.88
334.000	0.00	0.01	0.746	O	|	|	|	3.88
334.083	0.00	0.01	0.746	O	|	|	|	3.88
334.167	0.00	0.01	0.746	O	|	|	|	3.88
334.250	0.00	0.01	0.746	O	|	|	|	3.87
334.333	0.00	0.01	0.746	O	|	|	|	3.87
334.417	0.00	0.01	0.746	O	|	|	|	3.87
334.500	0.00	0.01	0.746	O	|	|	|	3.87
334.583	0.00	0.01	0.746	O	|	|	|	3.87
334.667	0.00	0.01	0.746	O	|	|	|	3.87
334.750	0.00	0.01	0.746	O	|	|	|	3.87
334.833	0.00	0.01	0.746	O	|	|	|	3.87
334.917	0.00	0.01	0.745	O	|	|	|	3.87
335.000	0.00	0.01	0.745	O	|	|	|	3.87
335.083	0.00	0.01	0.745	O	|	|	|	3.87
335.167	0.00	0.01	0.745	O	|	|	|	3.87
335.250	0.00	0.01	0.745	O	|	|	|	3.87
335.333	0.00	0.01	0.745	O	|	|	|	3.87
335.417	0.00	0.01	0.745	O	|	|	|	3.87

335.500	0.00	0.01	0.745	O	|	|	|	3.87
335.583	0.00	0.01	0.745	O	|	|	|	3.87
335.667	0.00	0.01	0.745	O	|	|	|	3.87
335.750	0.00	0.01	0.745	O	|	|	|	3.87
335.833	0.00	0.01	0.745	O	|	|	|	3.87
335.917	0.00	0.01	0.745	O	|	|	|	3.87
336.000	0.00	0.01	0.745	O	|	|	|	3.87
336.083	0.00	0.01	0.744	O	|	|	|	3.87
336.167	0.00	0.01	0.744	O	|	|	|	3.87
336.250	0.00	0.01	0.744	O	|	|	|	3.87
336.333	0.00	0.01	0.744	O	|	|	|	3.87
336.417	0.00	0.01	0.744	O	|	|	|	3.87
336.500	0.00	0.01	0.744	O	|	|	|	3.87
336.583	0.00	0.01	0.744	O	|	|	|	3.86
336.667	0.00	0.01	0.744	O	|	|	|	3.86
336.750	0.00	0.01	0.744	O	|	|	|	3.86
336.833	0.00	0.01	0.744	O	|	|	|	3.86
336.917	0.00	0.01	0.744	O	|	|	|	3.86
337.000	0.00	0.01	0.744	O	|	|	|	3.86
337.083	0.00	0.01	0.744	O	|	|	|	3.86
337.167	0.00	0.01	0.744	O	|	|	|	3.86
337.250	0.00	0.01	0.744	O	|	|	|	3.86
337.333	0.00	0.01	0.743	O	|	|	|	3.86
337.417	0.00	0.01	0.743	O	|	|	|	3.86
337.500	0.00	0.01	0.743	O	|	|	|	3.86
337.583	0.00	0.01	0.743	O	|	|	|	3.86
337.667	0.00	0.01	0.743	O	|	|	|	3.86
337.750	0.00	0.01	0.743	O	|	|	|	3.86
337.833	0.00	0.01	0.743	O	|	|	|	3.86
337.917	0.00	0.01	0.743	O	|	|	|	3.86
338.000	0.00	0.01	0.743	O	|	|	|	3.86
338.083	0.00	0.01	0.743	O	|	|	|	3.86
338.167	0.00	0.01	0.743	O	|	|	|	3.86
338.250	0.00	0.01	0.743	O	|	|	|	3.86
338.333	0.00	0.01	0.743	O	|	|	|	3.86
338.417	0.00	0.01	0.743	O	|	|	|	3.86
338.500	0.00	0.01	0.742	O	|	|	|	3.86
338.583	0.00	0.01	0.742	O	|	|	|	3.86
338.667	0.00	0.01	0.742	O	|	|	|	3.86
338.750	0.00	0.01	0.742	O	|	|	|	3.86
338.833	0.00	0.01	0.742	O	|	|	|	3.86
338.917	0.00	0.01	0.742	O	|	|	|	3.85
339.000	0.00	0.01	0.742	O	|	|	|	3.85
339.083	0.00	0.01	0.742	O	|	|	|	3.85
339.167	0.00	0.01	0.742	O	|	|	|	3.85
339.250	0.00	0.01	0.742	O	|	|	|	3.85
339.333	0.00	0.01	0.742	O	|	|	|	3.85
339.417	0.00	0.01	0.742	O	|	|	|	3.85
339.500	0.00	0.01	0.742	O	|	|	|	3.85
339.583	0.00	0.01	0.742	O	|	|	|	3.85
339.667	0.00	0.01	0.742	O	|	|	|	3.85
339.750	0.00	0.01	0.741	O	|	|	|	3.85
339.833	0.00	0.01	0.741	O	|	|	|	3.85
339.917	0.00	0.01	0.741	O	|	|	|	3.85
340.000	0.00	0.01	0.741	O	|	|	|	3.85
340.083	0.00	0.01	0.741	O	|	|	|	3.85
340.167	0.00	0.01	0.741	O	|	|	|	3.85

340.250	0.00	0.01	0.741	O	|	|	|	3.85
340.333	0.00	0.01	0.741	O	|	|	|	3.85
340.417	0.00	0.01	0.741	O	|	|	|	3.85
340.500	0.00	0.01	0.741	O	|	|	|	3.85
340.583	0.00	0.01	0.741	O	|	|	|	3.85
340.667	0.00	0.01	0.741	O	|	|	|	3.85
340.750	0.00	0.01	0.741	O	|	|	|	3.85
340.833	0.00	0.01	0.741	O	|	|	|	3.85
340.917	0.00	0.01	0.740	O	|	|	|	3.85
341.000	0.00	0.01	0.740	O	|	|	|	3.85
341.083	0.00	0.01	0.740	O	|	|	|	3.85
341.167	0.00	0.01	0.740	O	|	|	|	3.85
341.250	0.00	0.01	0.740	O	|	|	|	3.84
341.333	0.00	0.01	0.740	O	|	|	|	3.84
341.417	0.00	0.01	0.740	O	|	|	|	3.84
341.500	0.00	0.01	0.740	O	|	|	|	3.84
341.583	0.00	0.01	0.740	O	|	|	|	3.84
341.667	0.00	0.01	0.740	O	|	|	|	3.84
341.750	0.00	0.01	0.740	O	|	|	|	3.84
341.833	0.00	0.01	0.740	O	|	|	|	3.84
341.917	0.00	0.01	0.740	O	|	|	|	3.84
342.000	0.00	0.01	0.740	O	|	|	|	3.84
342.083	0.00	0.01	0.740	O	|	|	|	3.84
342.167	0.00	0.01	0.739	O	|	|	|	3.84
342.250	0.00	0.01	0.739	O	|	|	|	3.84
342.333	0.00	0.01	0.739	O	|	|	|	3.84
342.417	0.00	0.01	0.739	O	|	|	|	3.84
342.500	0.00	0.01	0.739	O	|	|	|	3.84
342.583	0.00	0.01	0.739	O	|	|	|	3.84
342.667	0.00	0.01	0.739	O	|	|	|	3.84
342.750	0.00	0.01	0.739	O	|	|	|	3.84
342.833	0.00	0.01	0.739	O	|	|	|	3.84
342.917	0.00	0.01	0.739	O	|	|	|	3.84
343.000	0.00	0.01	0.739	O	|	|	|	3.84
343.083	0.00	0.01	0.739	O	|	|	|	3.84
343.167	0.00	0.01	0.739	O	|	|	|	3.84
343.250	0.00	0.01	0.739	O	|	|	|	3.84
343.333	0.00	0.01	0.738	O	|	|	|	3.84
343.417	0.00	0.01	0.738	O	|	|	|	3.84
343.500	0.00	0.01	0.738	O	|	|	|	3.84
343.583	0.00	0.01	0.738	O	|	|	|	3.83
343.667	0.00	0.01	0.738	O	|	|	|	3.83
343.750	0.00	0.01	0.738	O	|	|	|	3.83
343.833	0.00	0.01	0.738	O	|	|	|	3.83
343.917	0.00	0.01	0.738	O	|	|	|	3.83
344.000	0.00	0.01	0.738	O	|	|	|	3.83
344.083	0.00	0.01	0.738	O	|	|	|	3.83
344.167	0.00	0.01	0.738	O	|	|	|	3.83
344.250	0.00	0.01	0.738	O	|	|	|	3.83
344.333	0.00	0.01	0.738	O	|	|	|	3.83
344.417	0.00	0.01	0.738	O	|	|	|	3.83
344.500	0.00	0.01	0.738	O	|	|	|	3.83
344.583	0.00	0.01	0.737	O	|	|	|	3.83
344.667	0.00	0.01	0.737	O	|	|	|	3.83
344.750	0.00	0.01	0.737	O	|	|	|	3.83
344.833	0.00	0.01	0.737	O	|	|	|	3.83
344.917	0.00	0.01	0.737	O	|	|	|	3.83

345.000	0.00	0.01	0.737	O	|	|	|	3.83
345.083	0.00	0.01	0.737	O	|	|	|	3.83
345.167	0.00	0.01	0.737	O	|	|	|	3.83
345.250	0.00	0.01	0.737	O	|	|	|	3.83
345.333	0.00	0.01	0.737	O	|	|	|	3.83
345.417	0.00	0.01	0.737	O	|	|	|	3.83
345.500	0.00	0.01	0.737	O	|	|	|	3.83
345.583	0.00	0.01	0.737	O	|	|	|	3.83
345.667	0.00	0.01	0.737	O	|	|	|	3.83
345.750	0.00	0.01	0.736	O	|	|	|	3.83
345.833	0.00	0.01	0.736	O	|	|	|	3.83
345.917	0.00	0.01	0.736	O	|	|	|	3.82
346.000	0.00	0.01	0.736	O	|	|	|	3.82
346.083	0.00	0.01	0.736	O	|	|	|	3.82
346.167	0.00	0.01	0.736	O	|	|	|	3.82
346.250	0.00	0.01	0.736	O	|	|	|	3.82
346.333	0.00	0.01	0.736	O	|	|	|	3.82
346.417	0.00	0.01	0.736	O	|	|	|	3.82
346.500	0.00	0.01	0.736	O	|	|	|	3.82
346.583	0.00	0.01	0.736	O	|	|	|	3.82
346.667	0.00	0.01	0.736	O	|	|	|	3.82
346.750	0.00	0.01	0.736	O	|	|	|	3.82
346.833	0.00	0.01	0.736	O	|	|	|	3.82
346.917	0.00	0.01	0.736	O	|	|	|	3.82
347.000	0.00	0.01	0.735	O	|	|	|	3.82
347.083	0.00	0.01	0.735	O	|	|	|	3.82
347.167	0.00	0.01	0.735	O	|	|	|	3.82
347.250	0.00	0.01	0.735	O	|	|	|	3.82
347.333	0.00	0.01	0.735	O	|	|	|	3.82
347.417	0.00	0.01	0.735	O	|	|	|	3.82
347.500	0.00	0.01	0.735	O	|	|	|	3.82
347.583	0.00	0.01	0.735	O	|	|	|	3.82
347.667	0.00	0.01	0.735	O	|	|	|	3.82
347.750	0.00	0.01	0.735	O	|	|	|	3.82
347.833	0.00	0.01	0.735	O	|	|	|	3.82
347.917	0.00	0.01	0.735	O	|	|	|	3.82
348.000	0.00	0.01	0.735	O	|	|	|	3.82
348.083	0.00	0.01	0.735	O	|	|	|	3.82
348.167	0.00	0.01	0.734	O	|	|	|	3.82
348.250	0.00	0.01	0.734	O	|	|	|	3.81
348.333	0.00	0.01	0.734	O	|	|	|	3.81
348.417	0.00	0.01	0.734	O	|	|	|	3.81
348.500	0.00	0.01	0.734	O	|	|	|	3.81
348.583	0.00	0.01	0.734	O	|	|	|	3.81
348.667	0.00	0.01	0.734	O	|	|	|	3.81
348.750	0.00	0.01	0.734	O	|	|	|	3.81
348.833	0.00	0.01	0.734	O	|	|	|	3.81
348.917	0.00	0.01	0.734	O	|	|	|	3.81
349.000	0.00	0.01	0.734	O	|	|	|	3.81
349.083	0.00	0.01	0.734	O	|	|	|	3.81
349.167	0.00	0.01	0.734	O	|	|	|	3.81
349.250	0.00	0.01	0.734	O	|	|	|	3.81
349.333	0.00	0.01	0.734	O	|	|	|	3.81
349.417	0.00	0.01	0.733	O	|	|	|	3.81
349.500	0.00	0.01	0.733	O	|	|	|	3.81
349.583	0.00	0.01	0.733	O	|	|	|	3.81
349.667	0.00	0.01	0.733	O	|	|	|	3.81

349.750	0.00	0.01	0.733	O	|	|	|	3.81
349.833	0.00	0.01	0.733	O	|	|	|	3.81
349.917	0.00	0.01	0.733	O	|	|	|	3.81
350.000	0.00	0.01	0.733	O	|	|	|	3.81
350.083	0.00	0.01	0.733	O	|	|	|	3.81
350.167	0.00	0.01	0.733	O	|	|	|	3.81
350.250	0.00	0.01	0.733	O	|	|	|	3.81
350.333	0.00	0.01	0.733	O	|	|	|	3.81
350.417	0.00	0.01	0.733	O	|	|	|	3.81
350.500	0.00	0.01	0.733	O	|	|	|	3.81
350.583	0.00	0.01	0.732	O	|	|	|	3.80
350.667	0.00	0.01	0.732	O	|	|	|	3.80
350.750	0.00	0.01	0.732	O	|	|	|	3.80
350.833	0.00	0.01	0.732	O	|	|	|	3.80
350.917	0.00	0.01	0.732	O	|	|	|	3.80
351.000	0.00	0.01	0.732	O	|	|	|	3.80
351.083	0.00	0.01	0.732	O	|	|	|	3.80
351.167	0.00	0.01	0.732	O	|	|	|	3.80
351.250	0.00	0.01	0.732	O	|	|	|	3.80
351.333	0.00	0.01	0.732	O	|	|	|	3.80
351.417	0.00	0.01	0.732	O	|	|	|	3.80
351.500	0.00	0.01	0.732	O	|	|	|	3.80
351.583	0.00	0.01	0.732	O	|	|	|	3.80
351.667	0.00	0.01	0.732	O	|	|	|	3.80
351.750	0.00	0.01	0.732	O	|	|	|	3.80
351.833	0.00	0.01	0.731	O	|	|	|	3.80
351.917	0.00	0.01	0.731	O	|	|	|	3.80
352.000	0.00	0.01	0.731	O	|	|	|	3.80
352.083	0.00	0.01	0.731	O	|	|	|	3.80
352.167	0.00	0.01	0.731	O	|	|	|	3.80
352.250	0.00	0.01	0.731	O	|	|	|	3.80
352.333	0.00	0.01	0.731	O	|	|	|	3.80
352.417	0.00	0.01	0.731	O	|	|	|	3.80
352.500	0.00	0.01	0.731	O	|	|	|	3.80
352.583	0.00	0.01	0.731	O	|	|	|	3.80
352.667	0.00	0.01	0.731	O	|	|	|	3.80
352.750	0.00	0.01	0.731	O	|	|	|	3.80
352.833	0.00	0.01	0.731	O	|	|	|	3.79
352.917	0.00	0.01	0.731	O	|	|	|	3.79
353.000	0.00	0.01	0.730	O	|	|	|	3.79
353.083	0.00	0.01	0.730	O	|	|	|	3.79
353.167	0.00	0.01	0.730	O	|	|	|	3.79
353.250	0.00	0.01	0.730	O	|	|	|	3.79
353.333	0.00	0.01	0.730	O	|	|	|	3.79
353.417	0.00	0.01	0.730	O	|	|	|	3.79
353.500	0.00	0.01	0.730	O	|	|	|	3.79
353.583	0.00	0.01	0.730	O	|	|	|	3.79
353.667	0.00	0.01	0.730	O	|	|	|	3.79
353.750	0.00	0.01	0.730	O	|	|	|	3.79
353.833	0.00	0.01	0.730	O	|	|	|	3.79
353.917	0.00	0.01	0.730	O	|	|	|	3.79
354.000	0.00	0.01	0.730	O	|	|	|	3.79
354.083	0.00	0.01	0.730	O	|	|	|	3.79
354.167	0.00	0.01	0.730	O	|	|	|	3.79
354.250	0.00	0.01	0.729	O	|	|	|	3.79
354.333	0.00	0.01	0.729	O	|	|	|	3.79
354.417	0.00	0.01	0.729	O	|	|	|	3.79

354.500	0.00	0.01	0.729	O	|	|	|	|	3.79
354.583	0.00	0.01	0.729	O	|	|	|	|	3.79
354.667	0.00	0.01	0.729	O	|	|	|	|	3.79
354.750	0.00	0.01	0.729	O	|	|	|	|	3.79
354.833	0.00	0.01	0.729	O	|	|	|	|	3.79
354.917	0.00	0.01	0.729	O	|	|	|	|	3.79
355.000	0.00	0.01	0.729	O	|	|	|	|	3.79
355.083	0.00	0.01	0.729	O	|	|	|	|	3.79
355.167	0.00	0.01	0.729	O	|	|	|	|	3.78
355.250	0.00	0.01	0.729	O	|	|	|	|	3.78
355.333	0.00	0.01	0.729	O	|	|	|	|	3.78
355.417	0.00	0.01	0.728	O	|	|	|	|	3.78
355.500	0.00	0.01	0.728	O	|	|	|	|	3.78
355.583	0.00	0.01	0.728	O	|	|	|	|	3.78
355.667	0.00	0.01	0.728	O	|	|	|	|	3.78
355.750	0.00	0.01	0.728	O	|	|	|	|	3.78
355.833	0.00	0.01	0.728	O	|	|	|	|	3.78
355.917	0.00	0.01	0.728	O	|	|	|	|	3.78
356.000	0.00	0.01	0.728	O	|	|	|	|	3.78
356.083	0.00	0.01	0.728	O	|	|	|	|	3.78
356.167	0.00	0.01	0.728	O	|	|	|	|	3.78
356.250	0.00	0.01	0.728	O	|	|	|	|	3.78
356.333	0.00	0.01	0.728	O	|	|	|	|	3.78
356.417	0.00	0.01	0.728	O	|	|	|	|	3.78
356.500	0.00	0.01	0.728	O	|	|	|	|	3.78
356.583	0.00	0.01	0.728	O	|	|	|	|	3.78
356.667	0.00	0.01	0.727	O	|	|	|	|	3.78
356.750	0.00	0.01	0.727	O	|	|	|	|	3.78
356.833	0.00	0.01	0.727	O	|	|	|	|	3.78
356.917	0.00	0.01	0.727	O	|	|	|	|	3.78
357.000	0.00	0.01	0.727	O	|	|	|	|	3.78
357.083	0.00	0.01	0.727	O	|	|	|	|	3.78
357.167	0.00	0.01	0.727	O	|	|	|	|	3.78
357.250	0.00	0.01	0.727	O	|	|	|	|	3.78
357.333	0.00	0.01	0.727	O	|	|	|	|	3.78
357.417	0.00	0.01	0.727	O	|	|	|	|	3.78
357.500	0.00	0.01	0.727	O	|	|	|	|	3.77
357.583	0.00	0.01	0.727	O	|	|	|	|	3.77
357.667	0.00	0.01	0.727	O	|	|	|	|	3.77
357.750	0.00	0.01	0.727	O	|	|	|	|	3.77
357.833	0.00	0.01	0.727	O	|	|	|	|	3.77
357.917	0.00	0.01	0.726	O	|	|	|	|	3.77
358.000	0.00	0.01	0.726	O	|	|	|	|	3.77
358.083	0.00	0.01	0.726	O	|	|	|	|	3.77
358.167	0.00	0.01	0.726	O	|	|	|	|	3.77
358.250	0.00	0.01	0.726	O	|	|	|	|	3.77
358.333	0.00	0.01	0.726	O	|	|	|	|	3.77
358.417	0.00	0.01	0.726	O	|	|	|	|	3.77
358.500	0.00	0.01	0.726	O	|	|	|	|	3.77
358.583	0.00	0.01	0.726	O	|	|	|	|	3.77
358.667	0.00	0.01	0.726	O	|	|	|	|	3.77
358.750	0.00	0.01	0.726	O	|	|	|	|	3.77
358.833	0.00	0.01	0.726	O	|	|	|	|	3.77
358.917	0.00	0.01	0.726	O	|	|	|	|	3.77
359.000	0.00	0.01	0.726	O	|	|	|	|	3.77
359.083	0.00	0.01	0.725	O	|	|	|	|	3.77
359.167	0.00	0.01	0.725	O	|	|	|	|	3.77

359.250	0.00	0.01	0.725	O					3.77
359.333	0.00	0.01	0.725	O					3.77
359.417	0.00	0.01	0.725	O					3.77
359.500	0.00	0.01	0.725	O					3.77
359.583	0.00	0.01	0.725	O					3.77
359.667	0.00	0.01	0.725	O					3.77
359.750	0.00	0.01	0.725	O					3.77
359.833	0.00	0.01	0.725	O					3.76
359.917	0.00	0.01	0.725	O					3.76
360.000	0.00	0.01	0.725	O					3.76
360.083	0.00	0.01	0.725	O					3.76
360.167	0.00	0.01	0.725	O					3.76
360.250	0.00	0.01	0.725	O					3.76
360.333	0.00	0.01	0.724	O					3.76
360.417	0.00	0.01	0.724	O					3.76
360.500	0.00	0.01	0.724	O					3.76
360.583	0.00	0.01	0.724	O					3.76
360.667	0.00	0.01	0.724	O					3.76
360.750	0.00	0.01	0.724	O					3.76
360.833	0.00	0.01	0.724	O					3.76
360.917	0.00	0.01	0.724	O					3.76
361.000	0.00	0.01	0.724	O					3.76
361.083	0.00	0.01	0.724	O					3.76
361.167	0.00	0.01	0.724	O					3.76
361.250	0.00	0.01	0.724	O					3.76
361.333	0.00	0.01	0.724	O					3.76
361.417	0.00	0.01	0.724	O					3.76
361.500	0.00	0.01	0.723	O					3.76
361.583	0.00	0.01	0.723	O					3.76
361.667	0.00	0.01	0.723	O					3.76
361.750	0.00	0.01	0.723	O					3.76
361.833	0.00	0.01	0.723	O					3.76
361.917	0.00	0.01	0.723	O					3.76
362.000	0.00	0.01	0.723	O					3.76
362.083	0.00	0.01	0.723	O					3.76
362.167	0.00	0.01	0.723	O					3.75
362.250	0.00	0.01	0.723	O					3.75
362.333	0.00	0.01	0.723	O					3.75
362.417	0.00	0.01	0.723	O					3.75
362.500	0.00	0.01	0.723	O					3.75
362.583	0.00	0.01	0.723	O					3.75
362.667	0.00	0.01	0.723	O					3.75
362.750	0.00	0.01	0.722	O					3.75
362.833	0.00	0.01	0.722	O					3.75
362.917	0.00	0.01	0.722	O					3.75
363.000	0.00	0.01	0.722	O					3.75
363.083	0.00	0.01	0.722	O					3.75
363.167	0.00	0.01	0.722	O					3.75
363.250	0.00	0.01	0.722	O					3.75
363.333	0.00	0.01	0.722	O					3.75
363.417	0.00	0.01	0.722	O					3.75
363.500	0.00	0.01	0.722	O					3.75
363.583	0.00	0.01	0.722	O					3.75
363.667	0.00	0.01	0.722	O					3.75
363.750	0.00	0.01	0.722	O					3.75
363.833	0.00	0.01	0.722	O					3.75
363.917	0.00	0.01	0.721	O					3.75

364.000	0.00	0.01	0.721	O	|	|	|	3.75
364.083	0.00	0.01	0.721	O	|	|	|	3.75
364.167	0.00	0.01	0.721	O	|	|	|	3.75
364.250	0.00	0.01	0.721	O	|	|	|	3.75
364.333	0.00	0.01	0.721	O	|	|	|	3.75
364.417	0.00	0.01	0.721	O	|	|	|	3.75
364.500	0.00	0.01	0.721	O	|	|	|	3.74
364.583	0.00	0.01	0.721	O	|	|	|	3.74
364.667	0.00	0.01	0.721	O	|	|	|	3.74
364.750	0.00	0.01	0.721	O	|	|	|	3.74
364.833	0.00	0.01	0.721	O	|	|	|	3.74
364.917	0.00	0.01	0.721	O	|	|	|	3.74
365.000	0.00	0.01	0.721	O	|	|	|	3.74
365.083	0.00	0.01	0.721	O	|	|	|	3.74
365.167	0.00	0.01	0.720	O	|	|	|	3.74
365.250	0.00	0.01	0.720	O	|	|	|	3.74
365.333	0.00	0.01	0.720	O	|	|	|	3.74
365.417	0.00	0.01	0.720	O	|	|	|	3.74
365.500	0.00	0.01	0.720	O	|	|	|	3.74
365.583	0.00	0.01	0.720	O	|	|	|	3.74
365.667	0.00	0.01	0.720	O	|	|	|	3.74
365.750	0.00	0.01	0.720	O	|	|	|	3.74
365.833	0.00	0.01	0.720	O	|	|	|	3.74
365.917	0.00	0.01	0.720	O	|	|	|	3.74
366.000	0.00	0.01	0.720	O	|	|	|	3.74
366.083	0.00	0.01	0.720	O	|	|	|	3.74
366.167	0.00	0.01	0.720	O	|	|	|	3.74
366.250	0.00	0.01	0.720	O	|	|	|	3.74
366.333	0.00	0.01	0.719	O	|	|	|	3.74
366.417	0.00	0.01	0.719	O	|	|	|	3.74
366.500	0.00	0.01	0.719	O	|	|	|	3.74
366.583	0.00	0.01	0.719	O	|	|	|	3.74
366.667	0.00	0.01	0.719	O	|	|	|	3.74
366.750	0.00	0.01	0.719	O	|	|	|	3.74
366.833	0.00	0.01	0.719	O	|	|	|	3.73
366.917	0.00	0.01	0.719	O	|	|	|	3.73
367.000	0.00	0.01	0.719	O	|	|	|	3.73
367.083	0.00	0.01	0.719	O	|	|	|	3.73
367.167	0.00	0.01	0.719	O	|	|	|	3.73
367.250	0.00	0.01	0.719	O	|	|	|	3.73
367.333	0.00	0.01	0.719	O	|	|	|	3.73
367.417	0.00	0.01	0.719	O	|	|	|	3.73
367.500	0.00	0.01	0.719	O	|	|	|	3.73
367.583	0.00	0.01	0.718	O	|	|	|	3.73
367.667	0.00	0.01	0.718	O	|	|	|	3.73
367.750	0.00	0.01	0.718	O	|	|	|	3.73
367.833	0.00	0.01	0.718	O	|	|	|	3.73
367.917	0.00	0.01	0.718	O	|	|	|	3.73
368.000	0.00	0.01	0.718	O	|	|	|	3.73
368.083	0.00	0.01	0.718	O	|	|	|	3.73
368.167	0.00	0.01	0.718	O	|	|	|	3.73
368.250	0.00	0.01	0.718	O	|	|	|	3.73
368.333	0.00	0.01	0.718	O	|	|	|	3.73
368.417	0.00	0.01	0.718	O	|	|	|	3.73
368.500	0.00	0.01	0.718	O	|	|	|	3.73
368.583	0.00	0.01	0.718	O	|	|	|	3.73
368.667	0.00	0.01	0.718	O	|	|	|	3.73

368.750	0.00	0.01	0.717	O	|	|	|	3.73
368.833	0.00	0.01	0.717	O	|	|	|	3.73
368.917	0.00	0.01	0.717	O	|	|	|	3.73
369.000	0.00	0.01	0.717	O	|	|	|	3.73
369.083	0.00	0.01	0.717	O	|	|	|	3.73
369.167	0.00	0.01	0.717	O	|	|	|	3.72
369.250	0.00	0.01	0.717	O	|	|	|	3.72
369.333	0.00	0.01	0.717	O	|	|	|	3.72
369.417	0.00	0.01	0.717	O	|	|	|	3.72
369.500	0.00	0.01	0.717	O	|	|	|	3.72
369.583	0.00	0.01	0.717	O	|	|	|	3.72
369.667	0.00	0.01	0.717	O	|	|	|	3.72
369.750	0.00	0.01	0.717	O	|	|	|	3.72
369.833	0.00	0.01	0.717	O	|	|	|	3.72
369.917	0.00	0.01	0.717	O	|	|	|	3.72
370.000	0.00	0.01	0.716	O	|	|	|	3.72
370.083	0.00	0.01	0.716	O	|	|	|	3.72
370.167	0.00	0.01	0.716	O	|	|	|	3.72
370.250	0.00	0.01	0.716	O	|	|	|	3.72
370.333	0.00	0.01	0.716	O	|	|	|	3.72
370.417	0.00	0.01	0.716	O	|	|	|	3.72
370.500	0.00	0.01	0.716	O	|	|	|	3.72
370.583	0.00	0.01	0.716	O	|	|	|	3.72
370.667	0.00	0.01	0.716	O	|	|	|	3.72
370.750	0.00	0.01	0.716	O	|	|	|	3.72
370.833	0.00	0.01	0.716	O	|	|	|	3.72
370.917	0.00	0.01	0.716	O	|	|	|	3.72
371.000	0.00	0.01	0.716	O	|	|	|	3.72
371.083	0.00	0.01	0.716	O	|	|	|	3.72
371.167	0.00	0.01	0.715	O	|	|	|	3.72
371.250	0.00	0.01	0.715	O	|	|	|	3.72
371.333	0.00	0.01	0.715	O	|	|	|	3.72
371.417	0.00	0.01	0.715	O	|	|	|	3.71
371.500	0.00	0.01	0.715	O	|	|	|	3.71
371.583	0.00	0.01	0.715	O	|	|	|	3.71
371.667	0.00	0.01	0.715	O	|	|	|	3.71
371.750	0.00	0.01	0.715	O	|	|	|	3.71
371.833	0.00	0.01	0.715	O	|	|	|	3.71
371.917	0.00	0.01	0.715	O	|	|	|	3.71
372.000	0.00	0.01	0.715	O	|	|	|	3.71
372.083	0.00	0.01	0.715	O	|	|	|	3.71
372.167	0.00	0.01	0.715	O	|	|	|	3.71
372.250	0.00	0.01	0.715	O	|	|	|	3.71
372.333	0.00	0.01	0.715	O	|	|	|	3.71
372.417	0.00	0.01	0.714	O	|	|	|	3.71
372.500	0.00	0.01	0.714	O	|	|	|	3.71
372.583	0.00	0.01	0.714	O	|	|	|	3.71
372.667	0.00	0.01	0.714	O	|	|	|	3.71
372.750	0.00	0.01	0.714	O	|	|	|	3.71
372.833	0.00	0.01	0.714	O	|	|	|	3.71
372.917	0.00	0.01	0.714	O	|	|	|	3.71
373.000	0.00	0.01	0.714	O	|	|	|	3.71
373.083	0.00	0.01	0.714	O	|	|	|	3.71
373.167	0.00	0.01	0.714	O	|	|	|	3.71
373.250	0.00	0.01	0.714	O	|	|	|	3.71
373.333	0.00	0.01	0.714	O	|	|	|	3.71
373.417	0.00	0.01	0.714	O	|	|	|	3.71

373.500	0.00	0.01	0.714	O	|	|	|	3.71
373.583	0.00	0.01	0.713	O	|	|	|	3.71
373.667	0.00	0.01	0.713	O	|	|	|	3.71
373.750	0.00	0.01	0.713	O	|	|	|	3.70
373.833	0.00	0.01	0.713	O	|	|	|	3.70
373.917	0.00	0.01	0.713	O	|	|	|	3.70
374.000	0.00	0.01	0.713	O	|	|	|	3.70
374.083	0.00	0.01	0.713	O	|	|	|	3.70
374.167	0.00	0.01	0.713	O	|	|	|	3.70
374.250	0.00	0.01	0.713	O	|	|	|	3.70
374.333	0.00	0.01	0.713	O	|	|	|	3.70
374.417	0.00	0.01	0.713	O	|	|	|	3.70
374.500	0.00	0.01	0.713	O	|	|	|	3.70
374.583	0.00	0.01	0.713	O	|	|	|	3.70
374.667	0.00	0.01	0.713	O	|	|	|	3.70
374.750	0.00	0.01	0.713	O	|	|	|	3.70
374.833	0.00	0.01	0.712	O	|	|	|	3.70
374.917	0.00	0.01	0.712	O	|	|	|	3.70
375.000	0.00	0.01	0.712	O	|	|	|	3.70
375.083	0.00	0.01	0.712	O	|	|	|	3.70
375.167	0.00	0.01	0.712	O	|	|	|	3.70
375.250	0.00	0.01	0.712	O	|	|	|	3.70
375.333	0.00	0.01	0.712	O	|	|	|	3.70
375.417	0.00	0.01	0.712	O	|	|	|	3.70
375.500	0.00	0.01	0.712	O	|	|	|	3.70
375.583	0.00	0.01	0.712	O	|	|	|	3.70
375.667	0.00	0.01	0.712	O	|	|	|	3.70
375.750	0.00	0.01	0.712	O	|	|	|	3.70
375.833	0.00	0.01	0.712	O	|	|	|	3.70
375.917	0.00	0.01	0.712	O	|	|	|	3.70
376.000	0.00	0.01	0.711	O	|	|	|	3.70
376.083	0.00	0.01	0.711	O	|	|	|	3.69
376.167	0.00	0.01	0.711	O	|	|	|	3.69
376.250	0.00	0.01	0.711	O	|	|	|	3.69
376.333	0.00	0.01	0.711	O	|	|	|	3.69
376.417	0.00	0.01	0.711	O	|	|	|	3.69
376.500	0.00	0.01	0.711	O	|	|	|	3.69
376.583	0.00	0.01	0.711	O	|	|	|	3.69
376.667	0.00	0.01	0.711	O	|	|	|	3.69
376.750	0.00	0.01	0.711	O	|	|	|	3.69
376.833	0.00	0.01	0.711	O	|	|	|	3.69
376.917	0.00	0.01	0.711	O	|	|	|	3.69
377.000	0.00	0.01	0.711	O	|	|	|	3.69
377.083	0.00	0.01	0.711	O	|	|	|	3.69
377.167	0.00	0.01	0.711	O	|	|	|	3.69
377.250	0.00	0.01	0.710	O	|	|	|	3.69
377.333	0.00	0.01	0.710	O	|	|	|	3.69
377.417	0.00	0.01	0.710	O	|	|	|	3.69
377.500	0.00	0.01	0.710	O	|	|	|	3.69
377.583	0.00	0.01	0.710	O	|	|	|	3.69
377.667	0.00	0.01	0.710	O	|	|	|	3.69
377.750	0.00	0.01	0.710	O	|	|	|	3.69
377.833	0.00	0.01	0.710	O	|	|	|	3.69
377.917	0.00	0.01	0.710	O	|	|	|	3.69
378.000	0.00	0.01	0.710	O	|	|	|	3.69
378.083	0.00	0.01	0.710	O	|	|	|	3.69
378.167	0.00	0.01	0.710	O	|	|	|	3.69

378.250	0.00	0.01	0.710	O	|	|	|	3.69
378.333	0.00	0.01	0.710	O	|	|	|	3.69
378.417	0.00	0.01	0.709	O	|	|	|	3.68
378.500	0.00	0.01	0.709	O	|	|	|	3.68
378.583	0.00	0.01	0.709	O	|	|	|	3.68
378.667	0.00	0.01	0.709	O	|	|	|	3.68
378.750	0.00	0.01	0.709	O	|	|	|	3.68
378.833	0.00	0.01	0.709	O	|	|	|	3.68
378.917	0.00	0.01	0.709	O	|	|	|	3.68
379.000	0.00	0.01	0.709	O	|	|	|	3.68
379.083	0.00	0.01	0.709	O	|	|	|	3.68
379.167	0.00	0.01	0.709	O	|	|	|	3.68
379.250	0.00	0.01	0.709	O	|	|	|	3.68
379.333	0.00	0.01	0.709	O	|	|	|	3.68
379.417	0.00	0.01	0.709	O	|	|	|	3.68
379.500	0.00	0.01	0.709	O	|	|	|	3.68
379.583	0.00	0.01	0.709	O	|	|	|	3.68
379.667	0.00	0.01	0.708	O	|	|	|	3.68
379.750	0.00	0.01	0.708	O	|	|	|	3.68
379.833	0.00	0.01	0.708	O	|	|	|	3.68
379.917	0.00	0.01	0.708	O	|	|	|	3.68
380.000	0.00	0.01	0.708	O	|	|	|	3.68
380.083	0.00	0.01	0.708	O	|	|	|	3.68
380.167	0.00	0.01	0.708	O	|	|	|	3.68
380.250	0.00	0.01	0.708	O	|	|	|	3.68
380.333	0.00	0.01	0.708	O	|	|	|	3.68
380.417	0.00	0.01	0.708	O	|	|	|	3.68
380.500	0.00	0.01	0.708	O	|	|	|	3.68
380.583	0.00	0.01	0.708	O	|	|	|	3.68
380.667	0.00	0.01	0.708	O	|	|	|	3.68
380.750	0.00	0.01	0.708	O	|	|	|	3.67
380.833	0.00	0.01	0.707	O	|	|	|	3.67
380.917	0.00	0.01	0.707	O	|	|	|	3.67
381.000	0.00	0.01	0.707	O	|	|	|	3.67
381.083	0.00	0.01	0.707	O	|	|	|	3.67
381.167	0.00	0.01	0.707	O	|	|	|	3.67
381.250	0.00	0.01	0.707	O	|	|	|	3.67
381.333	0.00	0.01	0.707	O	|	|	|	3.67
381.417	0.00	0.01	0.707	O	|	|	|	3.67
381.500	0.00	0.01	0.707	O	|	|	|	3.67
381.583	0.00	0.01	0.707	O	|	|	|	3.67
381.667	0.00	0.01	0.707	O	|	|	|	3.67
381.750	0.00	0.01	0.707	O	|	|	|	3.67
381.833	0.00	0.01	0.707	O	|	|	|	3.67
381.917	0.00	0.01	0.707	O	|	|	|	3.67
382.000	0.00	0.01	0.707	O	|	|	|	3.67
382.083	0.00	0.01	0.706	O	|	|	|	3.67
382.167	0.00	0.01	0.706	O	|	|	|	3.67
382.250	0.00	0.01	0.706	O	|	|	|	3.67
382.333	0.00	0.01	0.706	O	|	|	|	3.67
382.417	0.00	0.01	0.706	O	|	|	|	3.67
382.500	0.00	0.01	0.706	O	|	|	|	3.67
382.583	0.00	0.01	0.706	O	|	|	|	3.67
382.667	0.00	0.01	0.706	O	|	|	|	3.67
382.750	0.00	0.01	0.706	O	|	|	|	3.67
382.833	0.00	0.01	0.706	O	|	|	|	3.67
382.917	0.00	0.01	0.706	O	|	|	|	3.67

383.000	0.00	0.01	0.706	O	|	|	|	3.67
383.083	0.00	0.01	0.706	O	|	|	|	3.66
383.167	0.00	0.01	0.706	O	|	|	|	3.66
383.250	0.00	0.01	0.705	O	|	|	|	3.66
383.333	0.00	0.01	0.705	O	|	|	|	3.66
383.417	0.00	0.01	0.705	O	|	|	|	3.66
383.500	0.00	0.01	0.705	O	|	|	|	3.66
383.583	0.00	0.01	0.705	O	|	|	|	3.66
383.667	0.00	0.01	0.705	O	|	|	|	3.66
383.750	0.00	0.01	0.705	O	|	|	|	3.66
383.833	0.00	0.01	0.705	O	|	|	|	3.66
383.917	0.00	0.01	0.705	O	|	|	|	3.66
384.000	0.00	0.01	0.705	O	|	|	|	3.66
384.083	0.00	0.01	0.705	O	|	|	|	3.66
384.167	0.00	0.01	0.705	O	|	|	|	3.66
384.250	0.00	0.01	0.705	O	|	|	|	3.66
384.333	0.00	0.01	0.705	O	|	|	|	3.66
384.417	0.00	0.01	0.705	O	|	|	|	3.66
384.500	0.00	0.01	0.704	O	|	|	|	3.66
384.583	0.00	0.01	0.704	O	|	|	|	3.66
384.667	0.00	0.01	0.704	O	|	|	|	3.66
384.750	0.00	0.01	0.704	O	|	|	|	3.66
384.833	0.00	0.01	0.704	O	|	|	|	3.66
384.917	0.00	0.01	0.704	O	|	|	|	3.66
385.000	0.00	0.01	0.704	O	|	|	|	3.66
385.083	0.00	0.01	0.704	O	|	|	|	3.66
385.167	0.00	0.01	0.704	O	|	|	|	3.66
385.250	0.00	0.01	0.704	O	|	|	|	3.66
385.333	0.00	0.01	0.704	O	|	|	|	3.66
385.417	0.00	0.01	0.704	O	|	|	|	3.65
385.500	0.00	0.01	0.704	O	|	|	|	3.65
385.583	0.00	0.01	0.704	O	|	|	|	3.65
385.667	0.00	0.01	0.703	O	|	|	|	3.65
385.750	0.00	0.01	0.703	O	|	|	|	3.65
385.833	0.00	0.01	0.703	O	|	|	|	3.65
385.917	0.00	0.01	0.703	O	|	|	|	3.65
386.000	0.00	0.01	0.703	O	|	|	|	3.65
386.083	0.00	0.01	0.703	O	|	|	|	3.65
386.167	0.00	0.01	0.703	O	|	|	|	3.65
386.250	0.00	0.01	0.703	O	|	|	|	3.65
386.333	0.00	0.01	0.703	O	|	|	|	3.65
386.417	0.00	0.01	0.703	O	|	|	|	3.65
386.500	0.00	0.01	0.703	O	|	|	|	3.65
386.583	0.00	0.01	0.703	O	|	|	|	3.65
386.667	0.00	0.01	0.703	O	|	|	|	3.65
386.750	0.00	0.01	0.703	O	|	|	|	3.65
386.833	0.00	0.01	0.703	O	|	|	|	3.65
386.917	0.00	0.01	0.702	O	|	|	|	3.65
387.000	0.00	0.01	0.702	O	|	|	|	3.65
387.083	0.00	0.01	0.702	O	|	|	|	3.65
387.167	0.00	0.01	0.702	O	|	|	|	3.65
387.250	0.00	0.01	0.702	O	|	|	|	3.65
387.333	0.00	0.01	0.702	O	|	|	|	3.65
387.417	0.00	0.01	0.702	O	|	|	|	3.65
387.500	0.00	0.01	0.702	O	|	|	|	3.65
387.583	0.00	0.01	0.702	O	|	|	|	3.65
387.667	0.00	0.01	0.702	O	|	|	|	3.65

387.750	0.00	0.01	0.702	O	|	|	|	|	3.64
387.833	0.00	0.01	0.702	O	|	|	|	|	3.64
387.917	0.00	0.01	0.702	O	|	|	|	|	3.64
388.000	0.00	0.01	0.702	O	|	|	|	|	3.64
388.083	0.00	0.01	0.702	O	|	|	|	|	3.64
388.167	0.00	0.01	0.701	O	|	|	|	|	3.64
388.250	0.00	0.01	0.701	O	|	|	|	|	3.64
388.333	0.00	0.01	0.701	O	|	|	|	|	3.64
388.417	0.00	0.01	0.701	O	|	|	|	|	3.64
388.500	0.00	0.01	0.701	O	|	|	|	|	3.64
388.583	0.00	0.01	0.701	O	|	|	|	|	3.64
388.667	0.00	0.01	0.701	O	|	|	|	|	3.64
388.750	0.00	0.01	0.701	O	|	|	|	|	3.64
388.833	0.00	0.01	0.701	O	|	|	|	|	3.64
388.917	0.00	0.01	0.701	O	|	|	|	|	3.64
389.000	0.00	0.01	0.701	O	|	|	|	|	3.64
389.083	0.00	0.01	0.701	O	|	|	|	|	3.64
389.167	0.00	0.01	0.701	O	|	|	|	|	3.64
389.250	0.00	0.01	0.701	O	|	|	|	|	3.64
389.333	0.00	0.01	0.700	O	|	|	|	|	3.64
389.417	0.00	0.01	0.700	O	|	|	|	|	3.64
389.500	0.00	0.01	0.700	O	|	|	|	|	3.64
389.583	0.00	0.01	0.700	O	|	|	|	|	3.64
389.667	0.00	0.01	0.700	O	|	|	|	|	3.64
389.750	0.00	0.01	0.700	O	|	|	|	|	3.64
389.833	0.00	0.01	0.700	O	|	|	|	|	3.64
389.917	0.00	0.01	0.700	O	|	|	|	|	3.64
390.000	0.00	0.01	0.700	O	|	|	|	|	3.63
390.083	0.00	0.01	0.700	O	|	|	|	|	3.63
390.167	0.00	0.01	0.700	O	|	|	|	|	3.63
390.250	0.00	0.01	0.700	O	|	|	|	|	3.63
390.333	0.00	0.01	0.700	O	|	|	|	|	3.63
390.417	0.00	0.01	0.700	O	|	|	|	|	3.63
390.500	0.00	0.01	0.700	O	|	|	|	|	3.63
390.583	0.00	0.01	0.699	O	|	|	|	|	3.63
390.667	0.00	0.01	0.699	O	|	|	|	|	3.63
390.750	0.00	0.01	0.699	O	|	|	|	|	3.63
390.833	0.00	0.01	0.699	O	|	|	|	|	3.63
390.917	0.00	0.01	0.699	O	|	|	|	|	3.63
391.000	0.00	0.01	0.699	O	|	|	|	|	3.63
391.083	0.00	0.01	0.699	O	|	|	|	|	3.63
391.167	0.00	0.01	0.699	O	|	|	|	|	3.63
391.250	0.00	0.01	0.699	O	|	|	|	|	3.63
391.333	0.00	0.01	0.699	O	|	|	|	|	3.63
391.417	0.00	0.01	0.699	O	|	|	|	|	3.63
391.500	0.00	0.01	0.699	O	|	|	|	|	3.63
391.583	0.00	0.01	0.699	O	|	|	|	|	3.63
391.667	0.00	0.01	0.699	O	|	|	|	|	3.63
391.750	0.00	0.01	0.698	O	|	|	|	|	3.63
391.833	0.00	0.01	0.698	O	|	|	|	|	3.63
391.917	0.00	0.01	0.698	O	|	|	|	|	3.63
392.000	0.00	0.01	0.698	O	|	|	|	|	3.63
392.083	0.00	0.01	0.698	O	|	|	|	|	3.63
392.167	0.00	0.01	0.698	O	|	|	|	|	3.63
392.250	0.00	0.01	0.698	O	|	|	|	|	3.63
392.333	0.00	0.01	0.698	O	|	|	|	|	3.62
392.417	0.00	0.01	0.698	O	|	|	|	|	3.62

392.500	0.00	0.01	0.698	O				3.62
392.583	0.00	0.01	0.698	O				3.62
392.667	0.00	0.01	0.698	O				3.62
392.750	0.00	0.01	0.698	O				3.62
392.833	0.00	0.01	0.698	O				3.62
392.917	0.00	0.01	0.698	O				3.62
393.000	0.00	0.01	0.697	O				3.62
393.083	0.00	0.01	0.697	O				3.62
393.167	0.00	0.01	0.697	O				3.62
393.250	0.00	0.01	0.697	O				3.62
393.333	0.00	0.01	0.697	O				3.62
393.417	0.00	0.01	0.697	O				3.62
393.500	0.00	0.01	0.697	O				3.62
393.583	0.00	0.01	0.697	O				3.62
393.667	0.00	0.01	0.697	O				3.62
393.750	0.00	0.01	0.697	O				3.62
393.833	0.00	0.01	0.697	O				3.62
393.917	0.00	0.01	0.697	O				3.62
394.000	0.00	0.01	0.697	O				3.62
394.083	0.00	0.01	0.697	O				3.62
394.167	0.00	0.01	0.696	O				3.62
394.250	0.00	0.01	0.696	O				3.62
394.333	0.00	0.01	0.696	O				3.62
394.417	0.00	0.01	0.696	O				3.62
394.500	0.00	0.01	0.696	O				3.62
394.583	0.00	0.01	0.696	O				3.62
394.667	0.00	0.01	0.696	O				3.61
394.750	0.00	0.01	0.696	O				3.61
394.833	0.00	0.01	0.696	O				3.61
394.917	0.00	0.01	0.696	O				3.61
395.000	0.00	0.01	0.696	O				3.61
395.083	0.00	0.01	0.696	O				3.61
395.167	0.00	0.01	0.696	O				3.61
395.250	0.00	0.01	0.696	O				3.61
395.333	0.00	0.01	0.696	O				3.61
395.417	0.00	0.01	0.695	O				3.61
395.500	0.00	0.01	0.695	O				3.61
395.583	0.00	0.01	0.695	O				3.61
395.667	0.00	0.01	0.695	O				3.61
395.750	0.00	0.01	0.695	O				3.61
395.833	0.00	0.01	0.695	O				3.61
395.917	0.00	0.01	0.695	O				3.61
396.000	0.00	0.01	0.695	O				3.61
396.083	0.00	0.01	0.695	O				3.61
396.167	0.00	0.01	0.695	O				3.61
396.250	0.00	0.01	0.695	O				3.61
396.333	0.00	0.01	0.695	O				3.61
396.417	0.00	0.01	0.695	O				3.61
396.500	0.00	0.01	0.695	O				3.61
396.583	0.00	0.01	0.694	O				3.61
396.667	0.00	0.01	0.694	O				3.61
396.750	0.00	0.01	0.694	O				3.61
396.833	0.00	0.01	0.694	O				3.61
396.917	0.00	0.01	0.694	O				3.61
397.000	0.00	0.01	0.694	O				3.60
397.083	0.00	0.01	0.694	O				3.60
397.167	0.00	0.01	0.694	O				3.60

397.250	0.00	0.01	0.694	O					3.60
397.333	0.00	0.01	0.694	O					3.60
397.417	0.00	0.01	0.694	O					3.60
397.500	0.00	0.01	0.694	O					3.60
397.583	0.00	0.01	0.694	O					3.60
397.667	0.00	0.01	0.694	O					3.60
397.750	0.00	0.01	0.694	O					3.60
397.833	0.00	0.01	0.693	O					3.60
397.917	0.00	0.01	0.693	O					3.60
398.000	0.00	0.01	0.693	O					3.60
398.083	0.00	0.01	0.693	O					3.60
398.167	0.00	0.01	0.693	O					3.60
398.250	0.00	0.01	0.693	O					3.60
398.333	0.00	0.01	0.693	O					3.60
398.417	0.00	0.01	0.693	O					3.60
398.500	0.00	0.01	0.693	O					3.60
398.583	0.00	0.01	0.693	O					3.60
398.667	0.00	0.01	0.693	O					3.60
398.750	0.00	0.01	0.693	O					3.60
398.833	0.00	0.01	0.693	O					3.60
398.917	0.00	0.01	0.693	O					3.60
399.000	0.00	0.01	0.692	O					3.60
399.083	0.00	0.01	0.692	O					3.60
399.167	0.00	0.01	0.692	O					3.60
399.250	0.00	0.01	0.692	O					3.60
399.333	0.00	0.01	0.692	O					3.59
399.417	0.00	0.01	0.692	O					3.59
399.500	0.00	0.01	0.692	O					3.59
399.583	0.00	0.01	0.692	O					3.59
399.667	0.00	0.01	0.692	O					3.59
399.750	0.00	0.01	0.692	O					3.59
399.833	0.00	0.01	0.692	O					3.59
399.917	0.00	0.01	0.692	O					3.59
400.000	0.00	0.01	0.692	O					3.59
400.083	0.00	0.01	0.692	O					3.59
400.167	0.00	0.01	0.692	O					3.59
400.250	0.00	0.01	0.691	O					3.59
400.333	0.00	0.01	0.691	O					3.59
400.417	0.00	0.01	0.691	O					3.59
400.500	0.00	0.01	0.691	O					3.59
400.583	0.00	0.01	0.691	O					3.59
400.667	0.00	0.01	0.691	O					3.59
400.750	0.00	0.01	0.691	O					3.59
400.833	0.00	0.01	0.691	O					3.59
400.917	0.00	0.01	0.691	O					3.59
401.000	0.00	0.01	0.691	O					3.59
401.083	0.00	0.01	0.691	O					3.59
401.167	0.00	0.01	0.691	O					3.59
401.250	0.00	0.01	0.691	O					3.59
401.333	0.00	0.01	0.691	O					3.59
401.417	0.00	0.01	0.690	O					3.59
401.500	0.00	0.01	0.690	O					3.59
401.583	0.00	0.01	0.690	O					3.59
401.667	0.00	0.01	0.690	O					3.58
401.750	0.00	0.01	0.690	O					3.58
401.833	0.00	0.01	0.690	O					3.58
401.917	0.00	0.01	0.690	O					3.58

402.000	0.00	0.01	0.690	O	|	|	|	3.58
402.083	0.00	0.01	0.690	O	|	|	|	3.58
402.167	0.00	0.01	0.690	O	|	|	|	3.58
402.250	0.00	0.01	0.690	O	|	|	|	3.58
402.333	0.00	0.01	0.690	O	|	|	|	3.58
402.417	0.00	0.01	0.690	O	|	|	|	3.58
402.500	0.00	0.01	0.690	O	|	|	|	3.58
402.583	0.00	0.01	0.690	O	|	|	|	3.58
402.667	0.00	0.01	0.689	O	|	|	|	3.58
402.750	0.00	0.01	0.689	O	|	|	|	3.58
402.833	0.00	0.01	0.689	O	|	|	|	3.58
402.917	0.00	0.01	0.689	O	|	|	|	3.58
403.000	0.00	0.01	0.689	O	|	|	|	3.58
403.083	0.00	0.01	0.689	O	|	|	|	3.58
403.167	0.00	0.01	0.689	O	|	|	|	3.58
403.250	0.00	0.01	0.689	O	|	|	|	3.58
403.333	0.00	0.01	0.689	O	|	|	|	3.58
403.417	0.00	0.01	0.689	O	|	|	|	3.58
403.500	0.00	0.01	0.689	O	|	|	|	3.58
403.583	0.00	0.01	0.689	O	|	|	|	3.58
403.667	0.00	0.01	0.689	O	|	|	|	3.58
403.750	0.00	0.01	0.689	O	|	|	|	3.58
403.833	0.00	0.01	0.688	O	|	|	|	3.58
403.917	0.00	0.01	0.688	O	|	|	|	3.58
404.000	0.00	0.01	0.688	O	|	|	|	3.57
404.083	0.00	0.01	0.688	O	|	|	|	3.57
404.167	0.00	0.01	0.688	O	|	|	|	3.57
404.250	0.00	0.01	0.688	O	|	|	|	3.57
404.333	0.00	0.01	0.688	O	|	|	|	3.57
404.417	0.00	0.01	0.688	O	|	|	|	3.57
404.500	0.00	0.01	0.688	O	|	|	|	3.57
404.583	0.00	0.01	0.688	O	|	|	|	3.57
404.667	0.00	0.01	0.688	O	|	|	|	3.57
404.750	0.00	0.01	0.688	O	|	|	|	3.57
404.833	0.00	0.01	0.688	O	|	|	|	3.57
404.917	0.00	0.01	0.688	O	|	|	|	3.57
405.000	0.00	0.01	0.688	O	|	|	|	3.57
405.083	0.00	0.01	0.687	O	|	|	|	3.57
405.167	0.00	0.01	0.687	O	|	|	|	3.57
405.250	0.00	0.01	0.687	O	|	|	|	3.57
405.333	0.00	0.01	0.687	O	|	|	|	3.57
405.417	0.00	0.01	0.687	O	|	|	|	3.57
405.500	0.00	0.01	0.687	O	|	|	|	3.57
405.583	0.00	0.01	0.687	O	|	|	|	3.57
405.667	0.00	0.01	0.687	O	|	|	|	3.57
405.750	0.00	0.01	0.687	O	|	|	|	3.57
405.833	0.00	0.01	0.687	O	|	|	|	3.57
405.917	0.00	0.01	0.687	O	|	|	|	3.57
406.000	0.00	0.01	0.687	O	|	|	|	3.57
406.083	0.00	0.01	0.687	O	|	|	|	3.57
406.167	0.00	0.01	0.687	O	|	|	|	3.57
406.250	0.00	0.01	0.686	O	|	|	|	3.57
406.333	0.00	0.01	0.686	O	|	|	|	3.56
406.417	0.00	0.01	0.686	O	|	|	|	3.56
406.500	0.00	0.01	0.686	O	|	|	|	3.56
406.583	0.00	0.01	0.686	O	|	|	|	3.56
406.667	0.00	0.01	0.686	O	|	|	|	3.56

406.750	0.00	0.01	0.686	O					3.56
406.833	0.00	0.01	0.686	O					3.56
406.917	0.00	0.01	0.686	O					3.56
407.000	0.00	0.01	0.686	O					3.56
407.083	0.00	0.01	0.686	O					3.56
407.167	0.00	0.01	0.686	O					3.56
407.250	0.00	0.01	0.686	O					3.56
407.333	0.00	0.01	0.686	O					3.56
407.417	0.00	0.01	0.686	O					3.56
407.500	0.00	0.01	0.685	O					3.56
407.583	0.00	0.01	0.685	O					3.56
407.667	0.00	0.01	0.685	O					3.56
407.750	0.00	0.01	0.685	O					3.56
407.833	0.00	0.01	0.685	O					3.56
407.917	0.00	0.01	0.685	O					3.56
408.000	0.00	0.01	0.685	O					3.56
408.083	0.00	0.01	0.685	O					3.56
408.167	0.00	0.01	0.685	O					3.56
408.250	0.00	0.01	0.685	O					3.56
408.333	0.00	0.01	0.685	O					3.56
408.417	0.00	0.01	0.685	O					3.56
408.500	0.00	0.01	0.685	O					3.56
408.583	0.00	0.01	0.685	O					3.55
408.667	0.00	0.01	0.684	O					3.55
408.750	0.00	0.01	0.684	O					3.55
408.833	0.00	0.01	0.684	O					3.55
408.917	0.00	0.01	0.684	O					3.55
409.000	0.00	0.01	0.684	O					3.55
409.083	0.00	0.01	0.684	O					3.55
409.167	0.00	0.01	0.684	O					3.55
409.250	0.00	0.01	0.684	O					3.55
409.333	0.00	0.01	0.684	O					3.55
409.417	0.00	0.01	0.684	O					3.55
409.500	0.00	0.01	0.684	O					3.55
409.583	0.00	0.01	0.684	O					3.55
409.667	0.00	0.01	0.684	O					3.55
409.750	0.00	0.01	0.684	O					3.55
409.833	0.00	0.01	0.684	O					3.55
409.917	0.00	0.01	0.683	O					3.55
410.000	0.00	0.01	0.683	O					3.55
410.083	0.00	0.01	0.683	O					3.55
410.167	0.00	0.01	0.683	O					3.55
410.250	0.00	0.01	0.683	O					3.55
410.333	0.00	0.01	0.683	O					3.55
410.417	0.00	0.01	0.683	O					3.55
410.500	0.00	0.01	0.683	O					3.55
410.583	0.00	0.01	0.683	O					3.55
410.667	0.00	0.01	0.683	O					3.55
410.750	0.00	0.01	0.683	O					3.55
410.833	0.00	0.01	0.683	O					3.55
410.917	0.00	0.01	0.683	O					3.54
411.000	0.00	0.01	0.683	O					3.54
411.083	0.00	0.01	0.682	O					3.54
411.167	0.00	0.01	0.682	O					3.54
411.250	0.00	0.01	0.682	O					3.54
411.333	0.00	0.01	0.682	O					3.54
411.417	0.00	0.01	0.682	O					3.54

411.500	0.00	0.01	0.682	O	|	|	|	| 3.54
411.583	0.00	0.01	0.682	O	|	|	|	| 3.54
411.667	0.00	0.01	0.682	O	|	|	|	| 3.54
411.750	0.00	0.01	0.682	O	|	|	|	| 3.54
411.833	0.00	0.01	0.682	O	|	|	|	| 3.54
411.917	0.00	0.01	0.682	O	|	|	|	| 3.54
412.000	0.00	0.01	0.682	O	|	|	|	| 3.54
412.083	0.00	0.01	0.682	O	|	|	|	| 3.54
412.167	0.00	0.01	0.682	O	|	|	|	| 3.54
412.250	0.00	0.01	0.682	O	|	|	|	| 3.54
412.333	0.00	0.01	0.681	O	|	|	|	| 3.54
412.417	0.00	0.01	0.681	O	|	|	|	| 3.54
412.500	0.00	0.01	0.681	O	|	|	|	| 3.54
412.583	0.00	0.01	0.681	O	|	|	|	| 3.54
412.667	0.00	0.01	0.681	O	|	|	|	| 3.54
412.750	0.00	0.01	0.681	O	|	|	|	| 3.54
412.833	0.00	0.01	0.681	O	|	|	|	| 3.54
412.917	0.00	0.01	0.681	O	|	|	|	| 3.54
413.000	0.00	0.01	0.681	O	|	|	|	| 3.54
413.083	0.00	0.01	0.681	O	|	|	|	| 3.54
413.167	0.00	0.01	0.681	O	|	|	|	| 3.54
413.250	0.00	0.01	0.681	O	|	|	|	| 3.53
413.333	0.00	0.01	0.681	O	|	|	|	| 3.53
413.417	0.00	0.01	0.681	O	|	|	|	| 3.53
413.500	0.00	0.01	0.680	O	|	|	|	| 3.53
413.583	0.00	0.01	0.680	O	|	|	|	| 3.53
413.667	0.00	0.01	0.680	O	|	|	|	| 3.53
413.750	0.00	0.01	0.680	O	|	|	|	| 3.53
413.833	0.00	0.01	0.680	O	|	|	|	| 3.53
413.917	0.00	0.01	0.680	O	|	|	|	| 3.53
414.000	0.00	0.01	0.680	O	|	|	|	| 3.53
414.083	0.00	0.01	0.680	O	|	|	|	| 3.53
414.167	0.00	0.01	0.680	O	|	|	|	| 3.53
414.250	0.00	0.01	0.680	O	|	|	|	| 3.53
414.333	0.00	0.01	0.680	O	|	|	|	| 3.53
414.417	0.00	0.01	0.680	O	|	|	|	| 3.53
414.500	0.00	0.01	0.680	O	|	|	|	| 3.53
414.583	0.00	0.01	0.680	O	|	|	|	| 3.53
414.667	0.00	0.01	0.680	O	|	|	|	| 3.53
414.750	0.00	0.01	0.679	O	|	|	|	| 3.53
414.833	0.00	0.01	0.679	O	|	|	|	| 3.53
414.917	0.00	0.01	0.679	O	|	|	|	| 3.53
415.000	0.00	0.01	0.679	O	|	|	|	| 3.53
415.083	0.00	0.01	0.679	O	|	|	|	| 3.53
415.167	0.00	0.01	0.679	O	|	|	|	| 3.53
415.250	0.00	0.01	0.679	O	|	|	|	| 3.53
415.333	0.00	0.01	0.679	O	|	|	|	| 3.53
415.417	0.00	0.01	0.679	O	|	|	|	| 3.53
415.500	0.00	0.01	0.679	O	|	|	|	| 3.53
415.583	0.00	0.01	0.679	O	|	|	|	| 3.52
415.667	0.00	0.01	0.679	O	|	|	|	| 3.52
415.750	0.00	0.01	0.679	O	|	|	|	| 3.52
415.833	0.00	0.01	0.679	O	|	|	|	| 3.52
415.917	0.00	0.01	0.678	O	|	|	|	| 3.52
416.000	0.00	0.01	0.678	O	|	|	|	| 3.52
416.083	0.00	0.01	0.678	O	|	|	|	| 3.52
416.167	0.00	0.01	0.678	O	|	|	|	| 3.52

416.250	0.00	0.01	0.678	O	|	|	|	|	3.52
416.333	0.00	0.01	0.678	O	|	|	|	|	3.52
416.417	0.00	0.01	0.678	O	|	|	|	|	3.52
416.500	0.00	0.01	0.678	O	|	|	|	|	3.52
416.583	0.00	0.01	0.678	O	|	|	|	|	3.52
416.667	0.00	0.01	0.678	O	|	|	|	|	3.52

Remaining water in basin = 0.67 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.800 (CFS)
Total volume = 3.788 (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

****

SUMMARY TABLE BASIN "A"

UNIT HYDROGRAPH ANALYSIS FOR COTTONWOOD EXISTING VS MITIGATED CONDITION

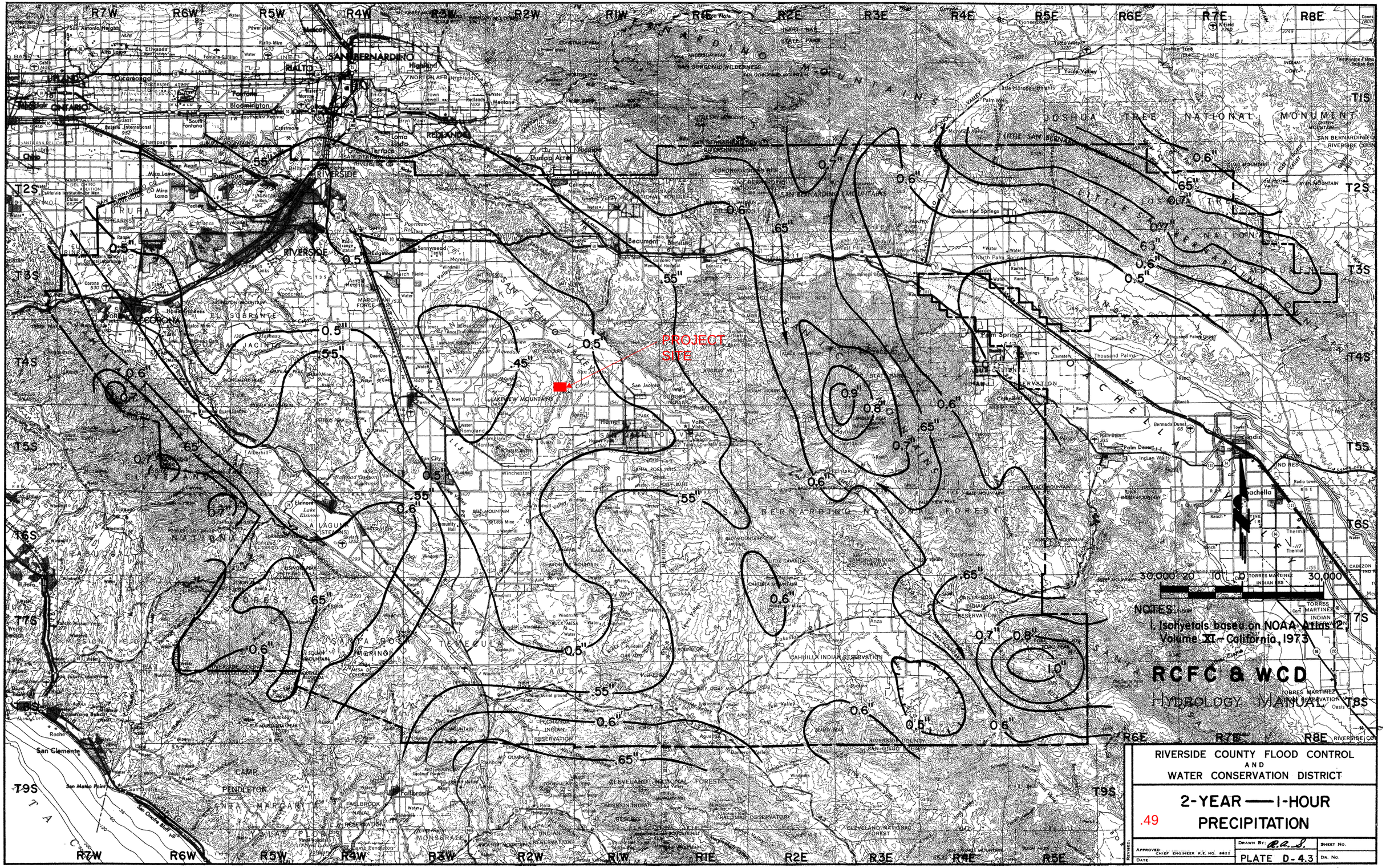
frequency	24 Hour			
	Existing Flow Q (40.1 AC)	Volume AC-Ft	Developed Flow (Q) 36.8 AC	Volume AC-Ft
2-yr	0.97	0.60	**0.80**	**2.1**
5-yr	1.31	0.81	**0.80**	**3.1**
10-yr	1.57	0.97	0.80	3.8

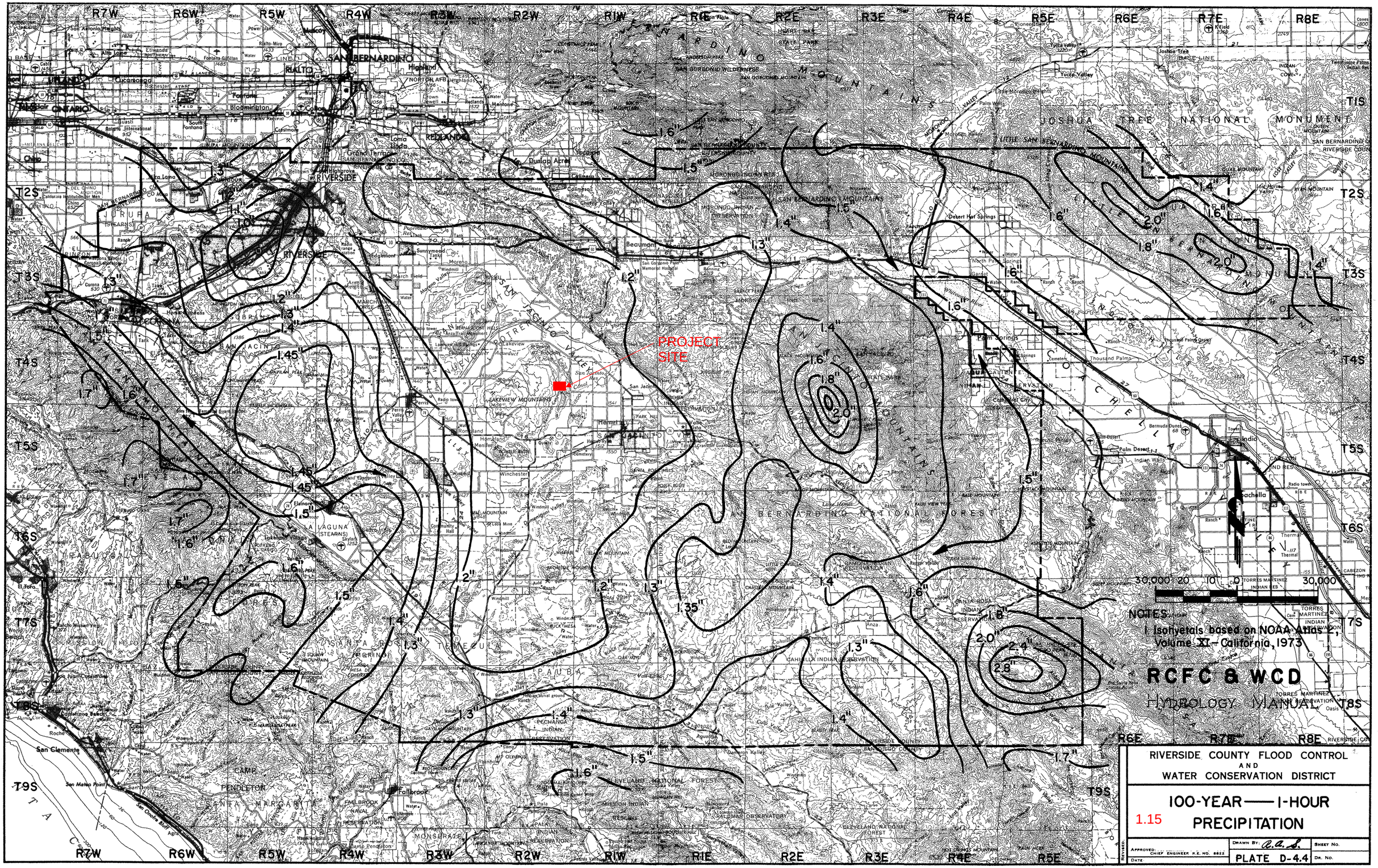
IV. EXHIBITS

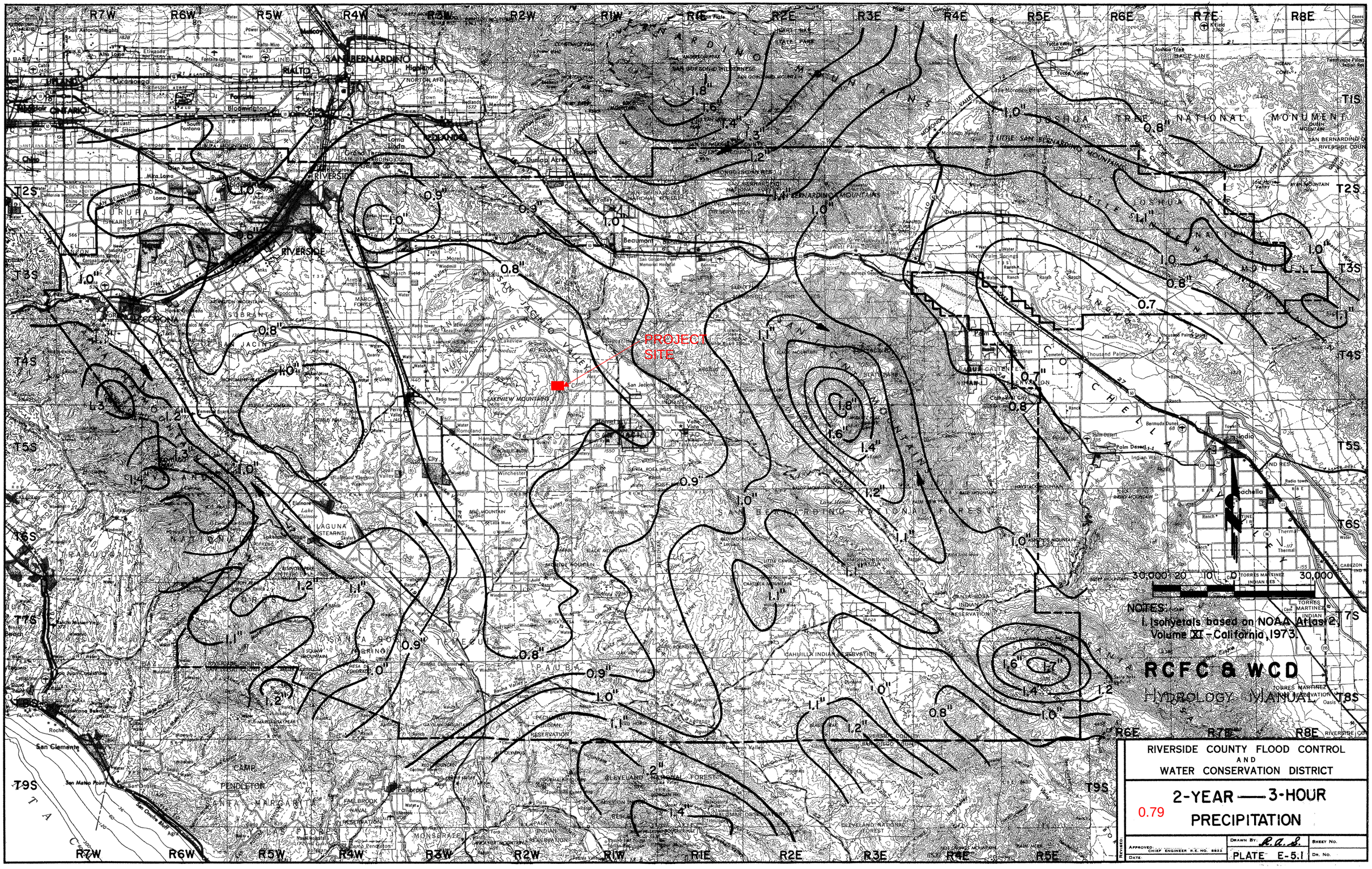
EXHIBIT A	HYDROLOGIC SOILS MAP
EXHIBIT B	EXISTING RATIONAL HYDROLOGY MAP
EXHIBIT C	PROPOSED RATIONAL HYDROLOGY MAP
EXHIBIT D	EXISTING UNIT HYDROGRAPH HYDROLOGY MAP
EXHIBIT E	PROPOSED UNIT HYDROGRAPH HYDROLOGY MAP
EXHIBIT F	SAN JACINTO VALLEY MASTER DRAINAGE MAP

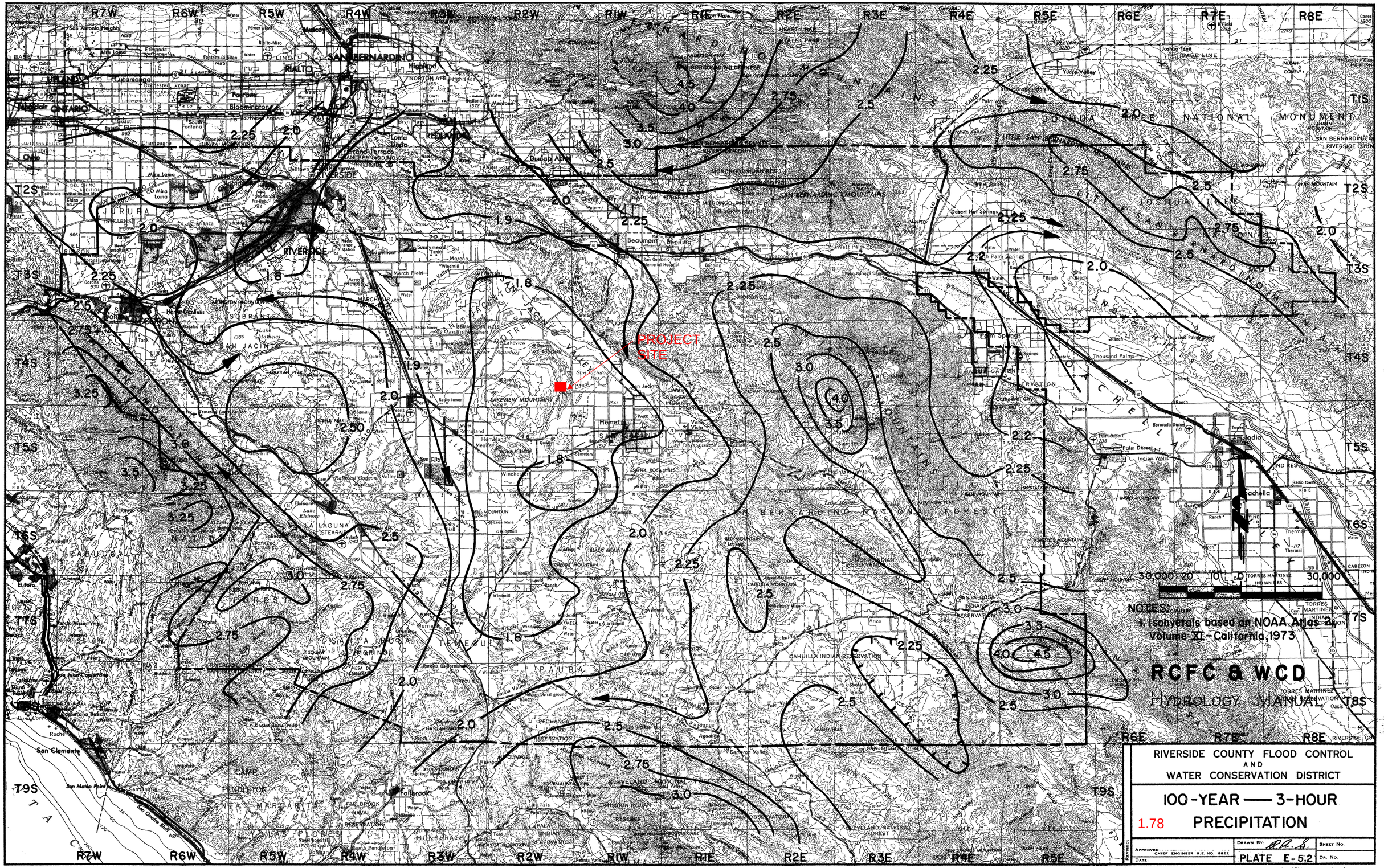
EXHIBIT A

HYDROLOGIC SOILS MAP


PROJECT SITE
.45"
.5"
.55"
.6"
.65"
.7"
.8"
.9"
1.0"
NOTES:
1. Isohyetals based on NOAA Atlas 2, Volume XI - California, 1973
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
2-YEAR — 1-HOUR PRECIPITATION
.49
APPROVED CHIEF ENGINEER R.E. NO. 8822
DATE
DRAWN BY: R.A.S.
PLATE D-4.3
SHEET No.
DR. No.
REVISED:


PROJECT SITE
1.15
NOTES:
1. Isohyetals based on NOAA Atlas 2, Volume XI - California, 1973
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
100-YEAR — 1-HOUR PRECIPITATION
DRAWN BY: A.A.S.
SHEET NO.
PLATE D-4.4
DR. NO.
APPROVED: CHIEF ENGINEER R.E. NO. 6822
DATE
REVISED


PROJECT SITE
RCFC & WCD
HYDROLOGY MANUAL
NOTES:
1. Isohyetals based on NOAA Atlas 2, Volume XI - California, 1973.
30,000 20 10 0 30,000
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
2-YEAR — 3-HOUR PRECIPITATION
0.79
PLATE E-5.1
DRAWN BY: R.A.S.
SHEET NO.
DR. NO.
APPROVED: CHIEF ENGINEER R.E. NO. 6822
DATE:
REVISED


PROJECT SITE
NOTES:
1. Isohyetals based on NOAA Atlas 2, Volume XI - California, 1973
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
100-YEAR — 3-HOUR
1.78 PRECIPITATION
PLATE E-5.2
SAN BERNARDINO MOUNTAINS
SAN JACINTO MOUNTAINS
SANTA ROSA MOUNTAINS
LAKEVIEW MOUNTAINS
JOSHUA TREE NATIONAL MONUMENT
CLEVELAND NATIONAL FOREST
SAN JACINTO WILDERNESS
SAN GORGONIO WILDERNESS
SAN JACINTO STATE PARK
SAN JACINTO VALLEY
SAN GABRIEL MOUNTAINS
SAN BERNARDINO NATIONAL FOREST
SAN BERNARDINO
RIVERSIDE
RIALTO
REDLANDS
HIGHLAND
NORTON AFB
MARCH AFB
MORENO VALLEY
BEAUMONT
BANNING
PALM SPRINGS
DESERT HOT SPRINGS
INDIO
COACHELLA
HEMET
SAN JACINTO
SUN CITY
MURRIETA
TEMECULA
FALLBROOK
SAN CLEMENTE
CAMP PENDLETON
MARINE CORPS BASE
TORRES MARTINEZ INDIAN RESERVATION
CAHUILLA INDIAN RESERVATION
AGUANGA INDIAN RESERVATION
MORONGO INDIAN RESERVATION
SAN MANUEL INDIAN RESERVATION
SOBOBA INDIAN RESERVATION
PECHANGA INDIAN RESERVATION
SANTA ROSA INDIAN RESERVATION
SAN JACINTO INDIAN RESERVATION
MISSION INDIAN RESERVATION
PALA INDIAN RESERVATION
RIVERSIDE COUNTY
SAN DIEGO COUNTY
ORANGE COUNTY
R7W R6W R5W R4W R3W R2W R1W R1E R2E R3E R4E R5E R6E R7E R8E
T2S T3S T4S T5S T6S T7S T8S T9S

PROJECT SITE

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

RCFC & WCD
HYDROLOGY MANUAL

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

2-YEAR — 6-HOUR PRECIPITATION

1.12

APPROVED: CHIEF ENGINEER R.E. NO. 6822	DRAWN BY:	SHEET NO.
DATE	PLATE E-5.3	DR. NO.

PROJECT SITE

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

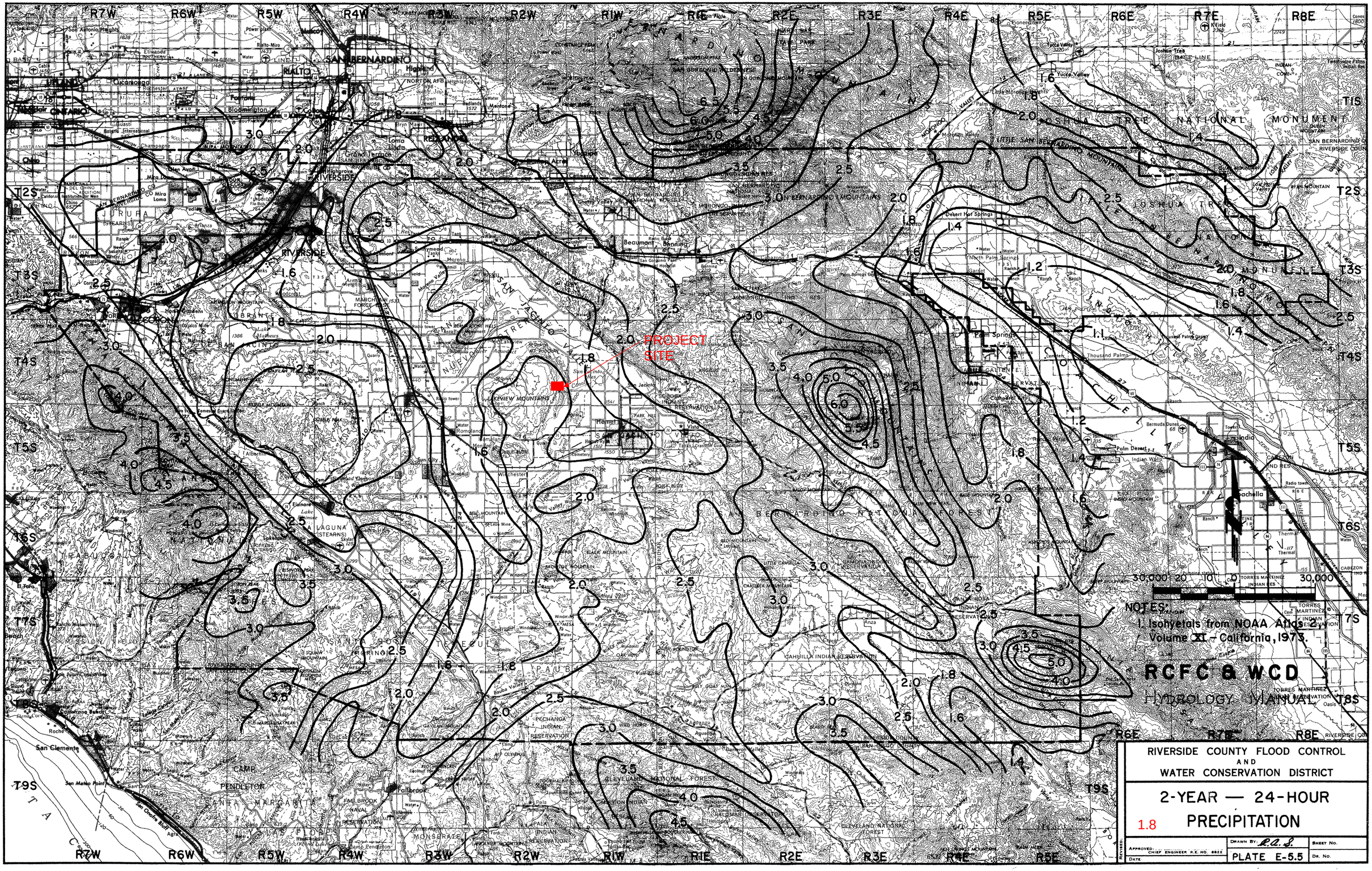
RCFC & WCD
HYDROLOGY MANUAL

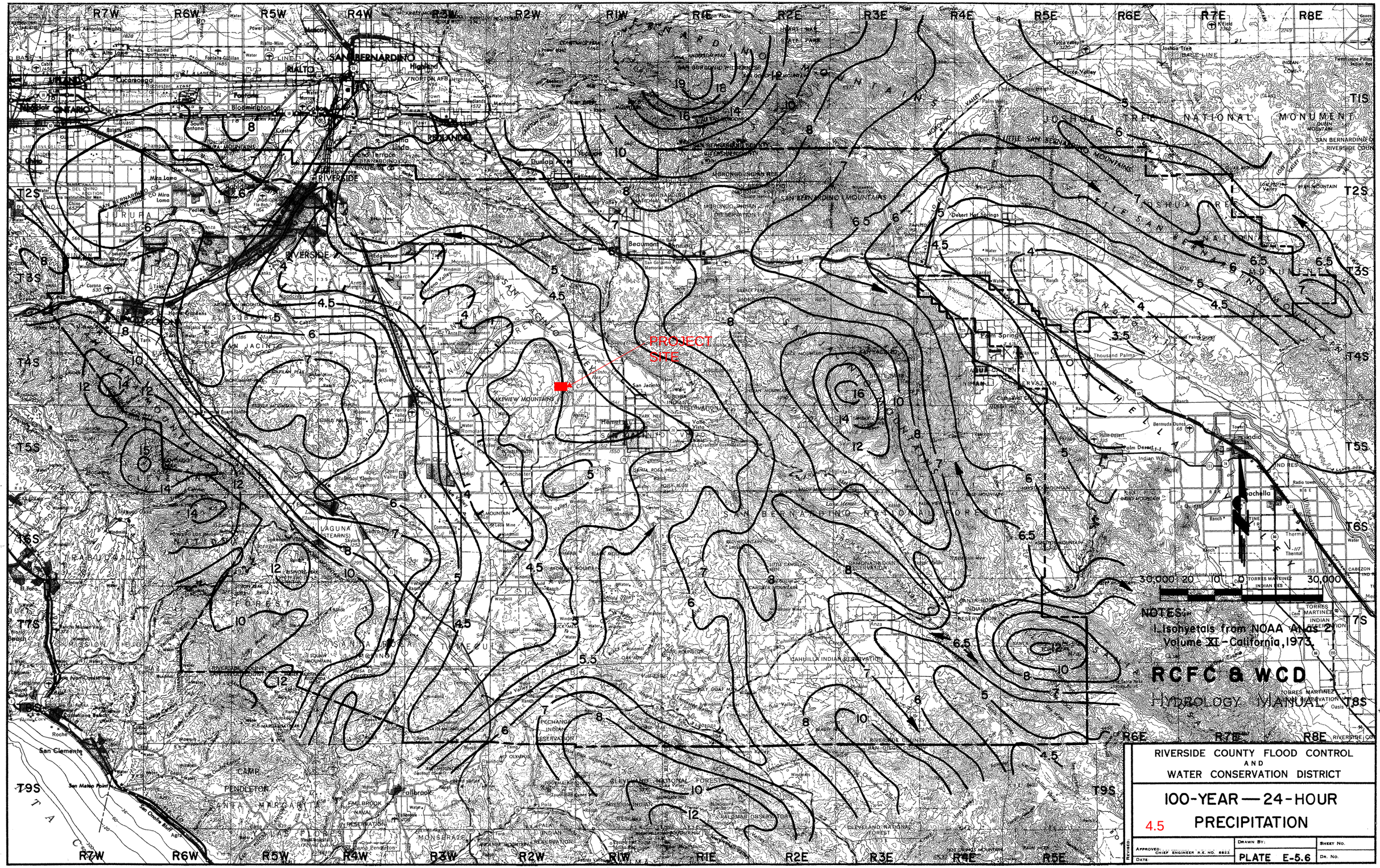
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100-YEAR — 6-HOUR PRECIPITATION

2.8

REVISED	DRAWN BY: R.A.S.	SHEET NO.
APPROVED CHIEF ENGINEER R.E. NO. 8822	PLATE E-5.4	DR. NO.
DATE		


PROJECT SITE
NOTES:
1. Isohyetals from NOAA Atlas 2, Volume XI - California, 1973.
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
2-YEAR — 24-HOUR
1.8 PRECIPITATION
DRAWN BY: R.A.S.
PLATE E-5.5
SHEET NO.
DR. NO.
APPROVED CHIEF ENGINEER R.E. NO. 8822
DATE
REVISED


PROJECT SITE
NOTES:
1. Isohyetals from NOAA Atlas 2, Volume XI - California, 1973.
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
100-YEAR — 24-HOUR PRECIPITATION
4.5
PLATE E-5.6
SHEET No.
DRAWN BY:
APPROVED CHIEF ENGINEER R.E. NO. 8822
DATE
REVISED
DR. No.

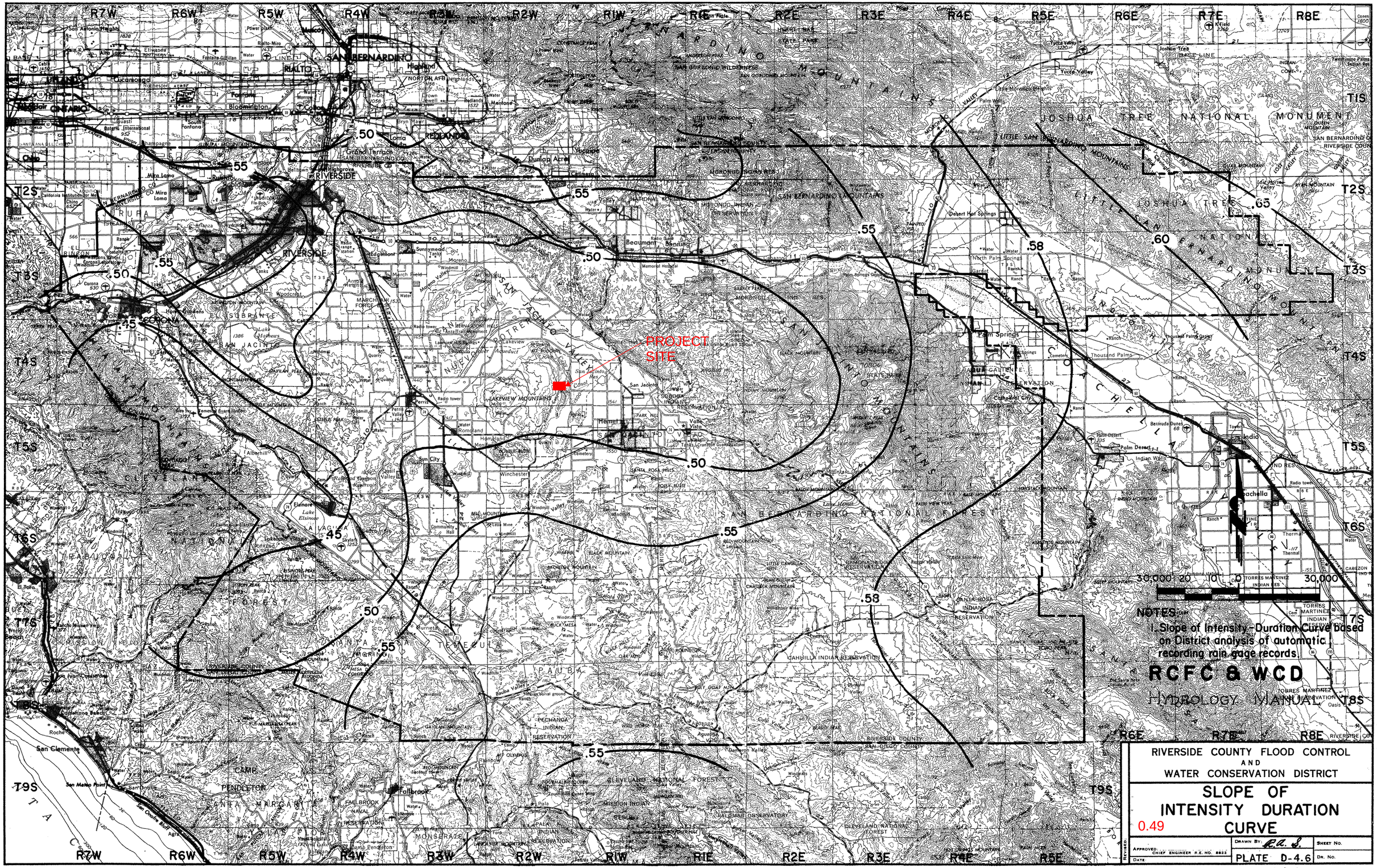

PROJECT SITE
.45
.50
.55
.58
.60
.63
NOTES
1. Slope of Intensity-Duration Curve based on District analysis of automatic recording rain gage records
RCFC & WCD
HYDROLOGY MANUAL
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
SLOPE OF INTENSITY DURATION CURVE
0.49
PLATE D-4.6

EXHIBIT B

EXISTING RATIONAL HYDROLOGY MAP

3
EL= 1499.4

Q_{10} = 30.1 cfs

Q_{100} = 55.6 cfs

t = 31 min

L = 667'

A 2
30.0

BC

EL= 1501.2

2

Q_{10} = 8.4 cfs

Q_{100} = 15.1 cfs

t = 25 min

L = 1000'

A 1
10

EL= 1505.5

1

COTTONWOOD AVENUE

CAWSTON AVE

VIA LA SIERRA

N

SCALE: 1" = 100'

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
SCALE: 1" = 100'

LEGEND

- MAJOR DRAINAGE BOUNDARY
- MINOR DRAINAGE BOUNDARY
- 60 — NODE NUMBER
- A / 1.0 — AREA DESIGNATION / AREA ACREAGE (IN ACRES)
- PROPOSED STORM DRAIN
- C / B — SOIL GROUP BOUNDARY
- Q_{10}= 8.0cfs, Q_{100}= 10.0cfs, t= 8.8 — PEAK FLOW RATE / TIME OF CONCENTRATION
- ΣQ_{10}= 8.0cfs, ΣQ_{100}= 10.0cfs, t= 8.8 — PEAK CONFLUENCE FLOW RATE / TIME OF CONCENTRATION

REGISTERED PROFESSIONAL ENGINEER
GARY A. MARTIN
No. 50318
CIVIL
STATE OF CALIFORNIA

PREPARED FOR:

PREPARED BY:

MAYERS & ASSOCIATES
CIVIL ENGINEERING, INC.
PLANNING • ENGINEERING • SURVEYING
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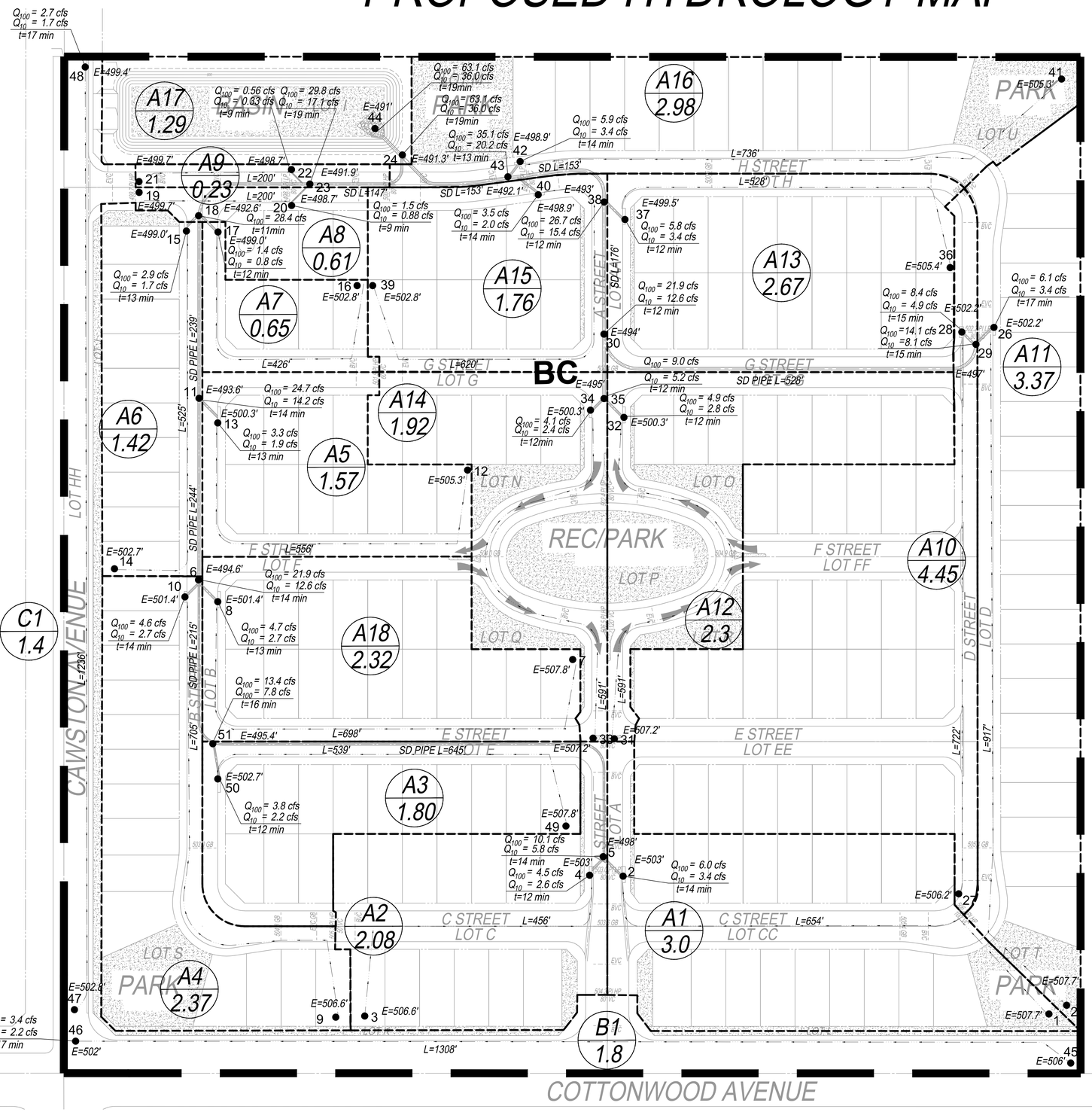
EXISTING HYDROLOGY MAP
TRACT 37881

EXHIBIT C

PROPOSED RATIONAL HYDROLOGY MAP

CITY OF SAN JACINTO, CALIFORNIA

PROPOSED HYDROLOGY MAP



LEGEND

- MAJOR DRAINAGE BOUNDARY
- MINOR DRAINAGE BOUNDARY
- NODE NUMBER
- AREA DESIGNATION
- AREA ACREAGE (IN ACRES)
- PROPOSED STORM DRAIN
- SOIL GROUP BOUNDARY
- PEAK FLOW RATE / TIME OF CONCENTRATION
- PEAK CONFLUENCE FLOW RATE / TIME OF CONCENTRATION

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
SCALE: 1" = 60'

PROPOSED HYDROLOGY MAP
CASE NO.
37881
IN THE CITY OF SAN JACINTO, CALIFORNIA

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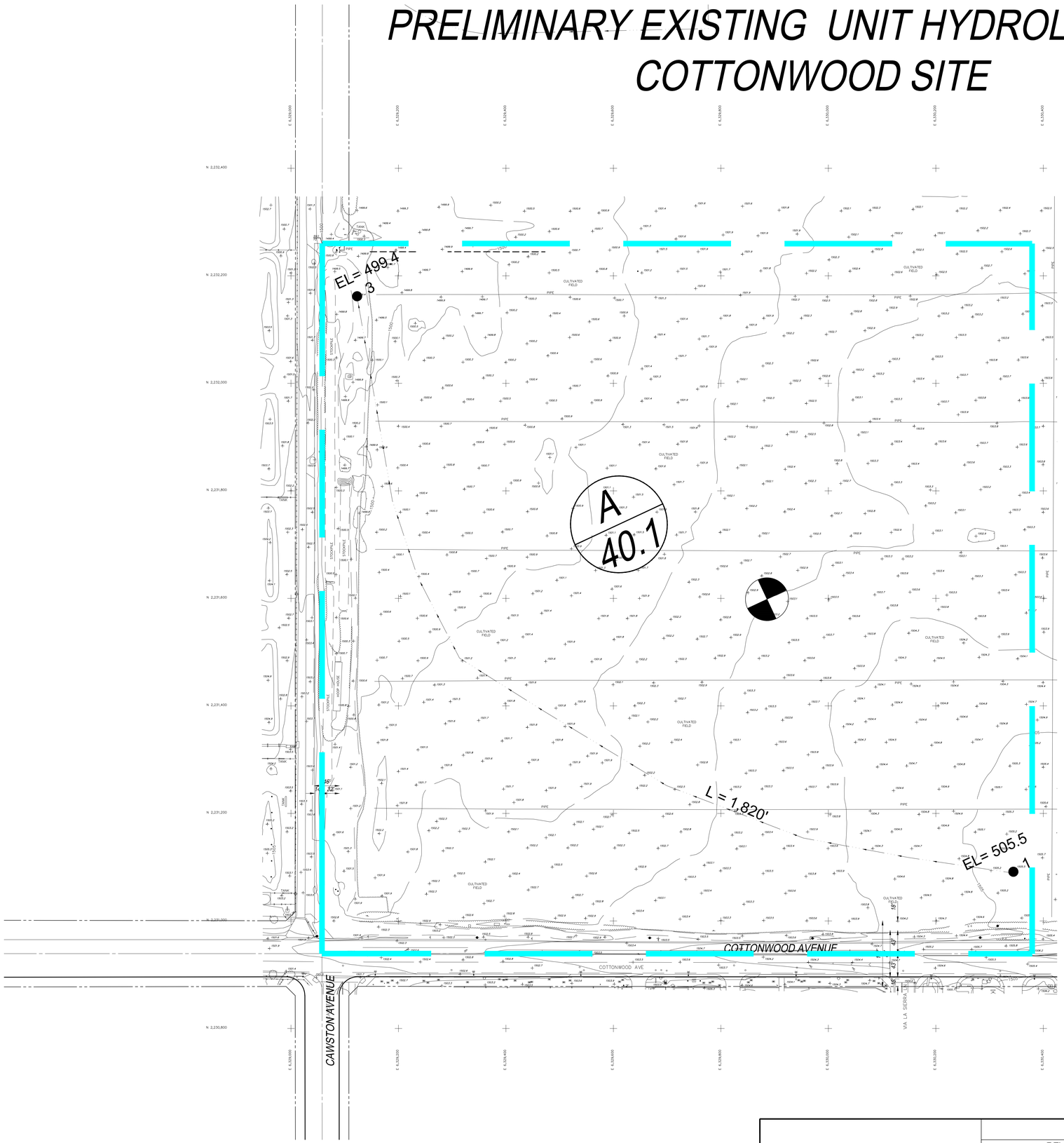
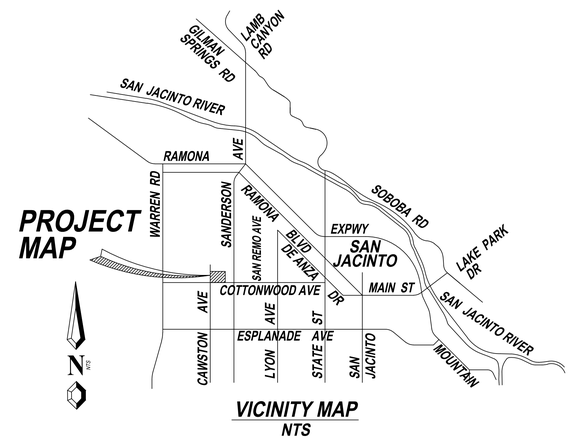
Job No. 08-0194-21 Bin No. XX-XXX-XX Doc No. XXX TENTIVE TRACT MAP 36115

EXHIBIT D

EXISTING UNIT HYDROGRAPH MAP

PRELIMINARY EXISTING UNIT HYDROLOGY MAP
COTTONWOOD SITE





LEGEND

- MAJOR DRAINAGE BOUNDARY
- MINOR DRAINAGE BOUNDARY
- 1 — NODE NUMBER
- A / 1.0 — AREA DESIGNATION / AREA ACREAGE (IN ACRES)
- Q_{100}= 10.0cfs / t= 10.5 — PEAK FLOW RATE / TIME OF CONCENTRATION
- ΣQ_{25} = 10.0cfs / t= 10.5 — PEAK CONFLUENCE FLOW RATE / TIME OF CONCENTRATION
- FLOWLINE

N

SCALE: 1" = 100'

GRAPHIC SCALE

80 0 40 80 160

(IN FEET)
SCALE: 1" = 80'

CASE NO.

PROPOSED UNIT HYDROGRAPH

37881

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REVISIONS	
DATE	APROVED

EXISTING UNIT HYDROGRAPH
COTTONWOOD AVE SITE

1

SHEET 1 OF 1

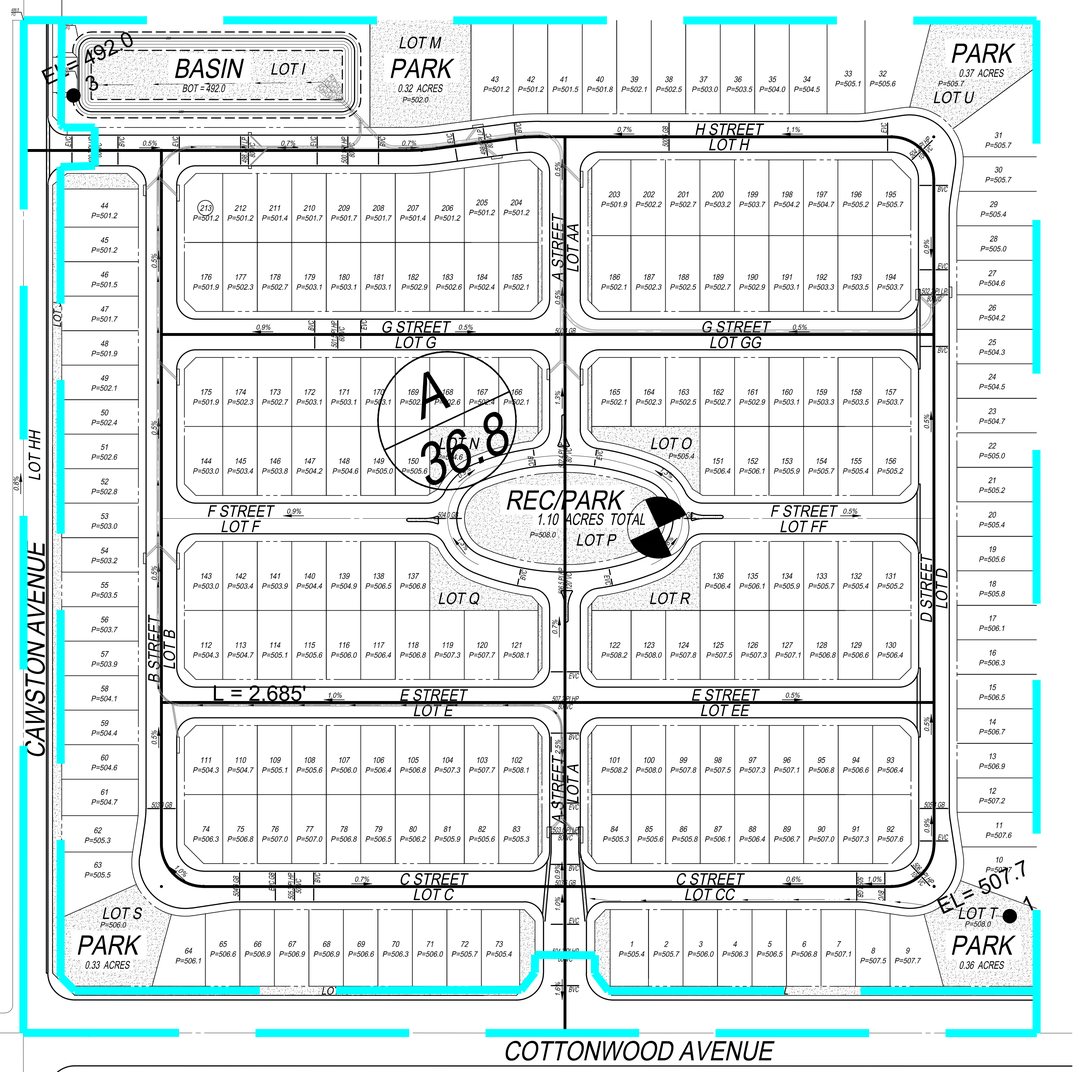
Dwg. Revision Date: ***11/10/2020*** *BY:* ***FJP*** *PLOT DATE:* ***11/10/2020***

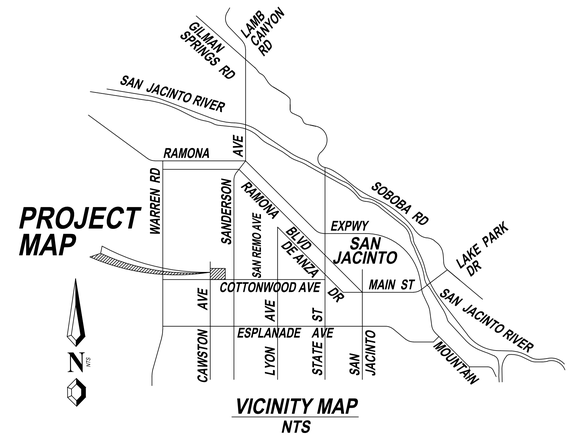
P:\19-0352-05 Cottonwood Ave Site - San Jacinto - TTM\Improvements\Storm Drain\Hydrology\Unit Hydrograph\EXISTING unit hydrograph.dwg

EXHIBIT E

PROPOSED UNIT HYDROGRAPH MAP

PRELIMINARY PROPOSED UNIT HYDROLOGY MAP
COTTONWOOD SITE





LEGEND

- MAJOR DRAINAGE BOUNDARY
- MINOR DRAINAGE BOUNDARY
- 1 — NODE NUMBER
- A / 1.0 — AREA DESIGNATION / AREA ACREAGE (IN ACRES)
- Q_{100}= 10.0cfs / t= 10.5 — PEAK FLOW RATE / TIME OF CONCENTRATION
- ΣQ_{25} = 10.0cfs / t= 10.5 — PEAK CONFLUENCE FLOW RATE / TIME OF CONCENTRATION
- FLOWLINE

N
SCALE: 1" = 100'

GRAPHIC SCALE
80 0 40 80 160
(IN FEET)
SCALE: 1" = 80'

CASE NO.
PROPOSED UNIT HYDROGRAPH
37881
IN THE CITY OF SAN JACINTO, CALIFORNIA

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REVISIONS	
DATE	APROVED

PROPOSED UNIT HYDROGRAPH
COTTONWOOD AVE SITE

1
SHEET 1 OF 1

Dwg. Revision Date: ***11/10/2020*** *BY:* ***FJP*** *PLOT DATE:* ***11/09/2020***

P:\19-0352-05 Cottonwood Ave Site - San Jacinto - TTM\Improvements\Storm Drain\Hydrology\Unit Hydrograph\Proposed unit hydrograph.dwg

EXHIBIT F

SAN JACINTO MASTER DRAINAGE MAP