

Appendix A: Stormwater Analysis

Oregon Clean Energy

Drainage Assumptions:

1. Per City of Oregon drainage standards, pond detention volume sized so that the 25-year 24-hour post developed peak outflow equals the pre-developed 5-year 24-hour peak outflow.
2. 24-hour precipitation per <http://www.lmnoeng.com/RainfallMaps/RainfallMaps.htm>
 - a. 2-year: 2.5 inches
 - b. 5-year: 3.1 inches
 - c. 25-year: 4 inches
3. Hydrology for the ponds was developed using SCS method with a Type II storm. XP-SWMM was used to determine the hydrographs.
4. Borings and soils maps indicate soils at the site are clay (Hydrologic Group D).
5. Gravel at the site is assumed to be pervious. The gravel will not be driven upon and surrounds electrical equipment so will be sized to drain quickly.
6. Ponds sized assuming no backwater on the control structure.
7. Assumes that site will be graded such that runoff can be routed to the ponds.
8. Water quality treatment provided according to *Rainwater and Land Development Ohio's Standards for Stormwater Management Land Development and Urban Stream Protection* (2006). Water quality treatment was provided for Pond 2 and needs to be added to Pond 1. Water quality treatment will be added to Pond 1 in a future supplement.
9. Ponds are conceptual. Designer will need to determine final sizing and grading, control structure configuration, access and other required features.

Impervious area

Total area	685615	To Driftmeyer			
less:	18864 Cooling tower area	12760 SF East	0.29	100% impervious	
	1961	4758 SF West	0.11	100% impervious	
	29453		0.402158	acres	
	58514				
	66745	To Johlin			
	30153	243097 SF	5.6	100% impervious	36% impervious
	79866	425000 SF	9.8	Gravel (Pervious)	
	139444		15.3		
Total paved or building	260615 SF				
	6.0 acres				
Gravel	18864				
	1961				
	29453				
	58514				
	66745				
	30153				
	79866				
	285556 SF				
	6.6 acres				
Switchyard	139444				
	3.20 acres				
SCS Type 2	precipitation				
2-year	2.5 inches				
5-year	3.1 inches				
25-year	4 inches				
Pasture	85	Type D soil			
Uncompacted gravel	85	(pervious)			
Impervious	98				

Table 1: Runoff Curve					
Land Use Description		Hydrolog			
		A	B	C	D
Cultivated land	Without	72	81	88	91
	With	62	71	78	81
Pasture or range land	Poor	68	79	86	89
	Good	39	61	74	80
Meadow		30	58	71	78
Wood or forest land	Thin	45	66	77	83
	Good	25	55	70	77
Open spaces, lawns,	Good	39	61	74	80
	Fair	49	69	79	84
	Commer	89	92	94	95
	Industrial	81	88	91	93
Residential	Average lot size	Average % Impervious			
	1/8 acre or less	65	77	85	90
	1/4 acre	38	61	75	87
	1/3 acre	30	57	72	81
	1/2 acre	25	54	70	80
	1 acre	20	51	68	79
Paved parking lots,		98	98	98	98
Streets and roads	Paved	98	98	98	98
	Gravel	76	85	89	91
	Dirt	72	82	87	89
Open water		0	0	0	0

OCE3.out

Current Directory: C:\XPS\XPSWMM~2
Engine Name: C:\XPS\XPSWMM~2\SWMMEN~1.EXE

Input File : R:\Seattle\Oregon City Ohio\OCE3.XP

```
*=====*
```

xpswmm	
Storm and Wastewater Management Model	
Developed by XP Solutions Inc.	
=====	
Last Update	: Oct., 2011
Interface Version:	2012
Engine Version	: 12.0
Data File Version:	12.4
Serial Number	:

```
*=====*
```

Engine Name: C:\XPS\XPSWMM~2\SWMMEN~1.EXE

```
*=====*
```

Input and Output file names by Layer

```
*=====*
```

Input File to Layer # 1 JIN.US

Output File to Layer # 1 H:\Oregon City Ohio\OCE.int

```
*=====*
```

Special command line arguments in XP-SWMM2000. This now includes program defaults. \$Keywords are the program defaults. Other Keywords are from the SWMMCOM.CFG file. or the command line or any cfg file on the command line. Examples include these in the file xpswm.bat under the section :solve or in the windows version XPSWMM32 in the file solve.bat

Note: the cfg file should be in the subdirectory swm xp or defined by the set variable in the xpswm.bat file. Some examples of the command lines possible are shown below:

```
swmmd swmmcom.cfg
swmmd my.cfg
swmmd nokeys nconv5 perv extranwq
```

```
*=====*
```

\$powerstation

0.0000
Page 1

1

2

	OCE3.out		
\$perv	0.0000	0	4
\$oldegg	0.0000	0	7
\$as	0.0000	0	11
\$noflat	0.0000	0	21
\$oldomega	0.0000	0	24
\$oldvol	0.0000	1	28
\$implicit	0.0000	1	29
\$oldhot	0.0000	1	31
\$oldscs	0.0000	0	33
\$flood	0.0000	1	40
\$nokeys	0.0000	0	42
\$pzero	0.0000	0	55
\$oldvol2	0.0000	2	59
\$storage2	0.0000	3	62
\$oldhot1	0.0000	1	63
\$pumpwt	0.0000	1	70
\$ecloss	0.0000	1	77
\$exout	0.0000	0	97
\$spatial = 0.90	0.9000	5	124
\$djref = -1.0	-0.1000	3	143
\$weirlen = 50	50.0000	1	153
\$oldbnd	0.0000	1	154
\$nogrelev	0.0000	1	161
\$ncmid	0.0000	0	164
\$new_n1_97	0.0000	2	290
SCSIADDEPTH=ON	0.0000	1	293
\$best97	0.0000	1	294
\$newbound	0.0000	1	295
\$q_tol = 0.01	0.0001	1	316
\$new_storage	0.0000	1	322
\$old_iteration	0.0000	1	333
\$minlen=30.0	30.0000	1	346
\$review_elevation	0.0000	1	383
\$use_half_volume	0.0000	1	385
VERT_WALLS=ON	0.0000	1	389
\$min_ts = 1.0	1.0000	1	407
\$design_restart = on	0.0000	1	412
\$zero_value=1.e-05	0.0000	1	415
SUBCATCHMENT_RES=ON	0.0000	1	419
\$relax_depth = on	0.0000	1	427
\$saveallpts = on	0.0000	1	434

```

*=====
| Parameter Values on the Tapes Common Block. These are the |
| values read from the data file and dynamically allocated |
| by the model for this simulation. |
*=====

```

Number of Subcatchments in the Runoff Block (NW)....	6
Number of Channel/Pipes in the Runoff Block (NG)....	0
Runoff Water quality constituents (NRQ).....	0
Runoff Land Uses per Subcatchment (NLU).....	0
Number of Elements in the Transport Block (NET).....	0
Number of Storage Junctions in Transport (NTSE).....	0
Number of Input Hydrographs in Transport (NTH).....	0
Number of Elements in the Extran Block (NEE).....	0
Number of Groundwater Subcatchments in Runoff (NGW)..	0
Number of Interface locations for all Blocks (NIE)..	6
Number of Pumps in Extran (NEP).....	0
Number of Orifices in Extran (NEO).....	0
Number of Tide Gates/Free Outfalls in Extran (NTG)..	0
Number of Extran Weirs (NEW).....	0
Number of scs hydrograph points.....	1681

```

OCE3.out
Number of Extran printout locations (NPO)..... 0
Number of Tide elements in Extran (NTE)..... 0
Number of Natural channels (NNC)..... 0
Number of Storage junctions in Extran (NVSE)..... 0
Number of Time history data points in Extran(NTVAL). 0
Number of Variable storage elements in Extran (NVST) 0
Number of Input Hydrographs in Extran (NEH)..... 0
Number of Particle sizes in Transport Block (NPS)... 0
Number of User defined conduits (NHW)..... 6
Number of Connecting conduits in Extran (NECC)..... 20
Number of Upstream elements in Transport (NTCC)..... 10
Number of Storage/treatment plants (NSTU)..... 1
Number of Values for R1 lines in Transport (NR1).... 0
Number of Nodes to be allowed for (NNOD)..... 6
Number of Plugs in a Storage Treatment Unit..... 1

```

```

#####
# Entry made to the Runoff Layer(Block) of SWMM #
# Last Updated Oct., 2011 by XP Solutions #

```

```

*=====
|      RUNOFF TABLES IN THE OUTPUT FILE.      |
|  These are the more important tables in the output file.  |
|  You can use your editor to find the table numbers,      |
|  for example: search for Table R3 to check continuity.   |
|  This output file can be imported into a Word Processor  |
|  and printed on US letter or A4 paper using portrait     |
|  mode, courier font, a size of 8 pt. and margins of 0.75 |
|  Table R1 - Physical Hydrology Data                      |
|  Table R2 - Infiltration data                            |
|  Table R3 - Raingage and Infiltration Database Names     |
|  Table R4 - Groundwater Data                            |
|  Table R5 - Continuity Check for Surface Water           |
|  Table R6 - Continuity Check for Channels/Pipes          |
|  Table R7 - Continuity Check for Subsurface Water        |
|  Table R8 - Infiltration/Inflow Continuity Check         |
|  Table R9 - Summary Statistics for Subcatchments         |
|  Table R10 - Sensitivity anlysis for Subcatchments       |
*=====

```

OCE

```

#####
#      RUNOFF JOB CONTROL      #
#####

```

```

Snowmelt parameter - ISNOW..... 0
Number of rain gages - NRGAG..... 2
Quality is not simulated - KWALTY..... 0
Default evaporation rate used - IVAP..... 0
Hour of day at start of storm - NHR..... 0
Minute of hour at start of storm - NMN..... 0
Time TZERO at start of storm (hours)..... 0.000
Use U.S. Customary units for most I/O - METRIC... 0
Runoff input print control... 0
Runoff graph plot control.... 0
Runoff output print control.. 0
Limit number of groundwater convergence messages to 10000

```

OCE3.out

Print headers every 50 lines - NOHEAD (0=yes, 1=no) 0

Print land use load percentages -LANDUPR (0=no, 1=yes) 0

Month, day, year of start of storm is: 1/ 1/1995

Wet time step length (seconds)..... 60.0

Dry time step length (seconds)..... 86400.0

Wet/Dry time step length (seconds)... 60.0

Simulation length is..... 24.0 Hours

If Horton infiltration model is being used
 A mixture of infiltration options may be used in
 XP-SWMM2000 as a watershed specific option.
 Rate for regeneration of infiltration = REGEN * DECAY
 Decay is read in for each subcatchment
 REGEN = 0.01000

Raingage #.....	1
KTYPE - Rainfall input type.....	0
NHISTO - Total number of rainfall values..	240
KINC - Rainfall values(pairs) per line..	10
KPRINT - Print rainfall(0-Yes,1-No).....	0
KTIME - Precipitation time units	
0 --> Minutes 1 --> Hours.....	1
KPREP - Precipitation unit type	
0 --> Intensity 1 --> Volume.....	1
KTHIS - Variable rainfall intervals	
0 --> No, > 1 --> Yes.....	0
THISTO - Rainfall time interval.....	0.10
TZRAIN - Starting time(KTIME units).....	0.00

Raingage #.....	2
KTYPE - Rainfall input type.....	0
NHISTO - Total number of rainfall values..	240
KINC - Rainfall values(pairs) per line..	10
KPRINT - Print rainfall(0-Yes,1-No).....	0
KTIME - Precipitation time units	
0 --> Minutes 1 --> Hours.....	1
KPREP - Precipitation unit type	
0 --> Intensity 1 --> Volume.....	1
KTHIS - Variable rainfall intervals	
0 --> No, > 1 --> Yes.....	0
THISTO - Rainfall time interval.....	0.10
TZRAIN - Starting time(KTIME units).....	0.00

 # Rainfall input summary from Runoff #
 #####

Total rainfall for gage #	1 is	3.1000 inches
Total rainfall for gage #	2 is	4.0000 inches

 # Data Group F1 #
 # Evaporation Rate (in/day) #
 #####

JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.
----	----	----	----	----	----	----	----	----	----	----	----
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

OCE3.out

```
#####
# Table R1. SUBCATCHMENT DATA #
# Physical Hydrology Data #
#####
```

Deprs Deprs Prcnt							Per -		
-sion	-sion	Zero		Channel	Width	Area	cent	Slope	"n"
"n" Storge	Storge	Strge Deten		or inlet	(ft)	(ac)	Imperv	ft/ft	Imprv
Number	Imprv	Perv	Name						
Perv	Imprv	Perv	-tion						
1			johlinpre#1	johlinpre	100.00	15.300	0.00	0.100	0.020
2			jonlinpost#1	jonlinpost	100.00	15.300	36.00	0.100	0.020
3			DWPost#1	DWPost	100.00	.11000	100.00	0.100	0.020
4			DWPre#1	DWPre	100.00	.11000	0.00	0.100	0.020
5			DEPre#1	DEPre	100.00	.29000	0.00	0.100	0.020
6			DEPost#1	DEPost	100.00	.29000	100.00	0.100	0.020

```
#####
# Table R2. SUBCATCHMENT DATA #
# Infiltration or Time of Concentration Data #
# #
# Infiltration Type Infl #1(#5) Infl #2(#6) Infl #3(#7)
# Infl #4(#8) #
# SCS -> Comp CN Time Conc Shape Factor
# Depth or Fraction #
# SBUH -> Comp CN Time Conc N/A
# Green Ampt N/A # -> Suction Hydr Cond Initial MD
# Horton N/A # -> Max Rate Min Rate Decay Rate (1/sec)
# Max. Infiltr. Volume #
# Proportional -> Constant N/A N/A
# Initial/Cont Loss -> Initial Continuing N/A
# Initial/Proportional -> Initial Constant N/A
# Initial/Proportional -> Initial Constant N/A
# Laurensen Parameters -> B Value Pervious "n" Impervious Cont
# Exponent #
# Rational Formula -> Tc Method Flow Path Length Flow Path Slope
# Roughness or Retardance #
# (#1 - #4 is Impervious Data / #5 - #8 is Pervious
Data) #
# Rational Formula Tc Method: 1 = Constant
# #
# 2 = Friend's Equation
#
```

```

#                                     3 = Kinematic Wave
#                                     4 = Alameda Method
#                                     5 = Izzard's Formula
#                                     6 = Kerby's Equation
#                                     7 = Kirpich's Equation
#                                     8 = Bransby Williams Equation
#                                     9 = Federal Aviation Authority
#
Equation                             #
#####
#####

```

Subcatchment		Infl	Infl	Infl	Infl	Infl	Infl
Infl	Infl						
Number	Name	# 1	# 2	# 3	# 4	# 5	# 6
# 7	# 8						
=====	=====	=====	=====	=====	=====	=====	=====
1	johlinpre#1	85.0000	1.1250	484.0000	0.2000		
2	jonlinpost#1	89.6800	1.0933	484.0000	0.2000		
3	DWPost#1	98.0000	0.1217	484.0000	0.2000		
4	DWPre#1	85.0000	0.2700	484.0000	0.2000		
5	DEPre#1	85.0000	0.2583	484.0000	0.2000		
6	DEPost#1	98.0000	0.4067	484.0000	0.2000		

```
#####
#      Table R3.  SUBCATCHMENT  DATA      #
#      Rainfall and Infiltration Database Names  #
#####
```

Subcatchment		Gage	Infiltration	Routing
Number	Name	No	Type	Type
1	johlinpre#1	1	SCS Method	SCS curvilinear
2	jonlinpost#1	2	SCS Method	SCS curvilinear
3	DWPost#1	2	SCS Method	SCS curvilinear
4	DWPre#1	1	SCS Method	SCS curvilinear
5	DEPre#1	1	SCS Method	SCS curvilinear
6	DEPost#1	2	SCS Method	SCS curvilinear

Total Number of Subcatchments....	6
Total Tributary Area (acres)....	31.40
Impervious Area (acres).....	5.91
Pervious Area (acres).....	25.49
Total Width (feet).....	600.00
Impervious Area (%).....	18.82

```
#####
#           S U B C A T C H M E N T   D A T A           #
#   Default, Ratio values for subcatchment data   #
#                                           Page 6
```

OCE3.out

```
# Used with the calibrate node in the runoff. #
# 1 - width      2 - area      3 - impervious % #
# 4 - slope      5 - imp "n"   6 - perv "n"    #
# 7 - imp ds     8 - perv ds    9 - 1st infil   #
#10 - 2nd infil  11 - 3rd infil #
#####
```

Column	1	2	3	4	5	6	7
8	9	10	11				
Default	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000				
Ratio	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000				

```
*****
* Arrangement of Subcatchments and Channel/Pipes *
*****
```

```
Inlet
johlinpre      No Tributary Channel/Pipes
                Tributary Subareas..... johlinpre#
jonlinpost     No Tributary Channel/Pipes
                Tributary Subareas..... jonlinpost
DWPost         No Tributary Channel/Pipes
                Tributary Subareas..... DWPost#1
DWPre          No Tributary Channel/Pipes
                Tributary Subareas..... DWPre#1
DEPre          No Tributary Channel/Pipes
                Tributary Subareas..... DEPre#1
DEPost         No Tributary Channel/Pipes
                Tributary Subareas..... DEPost#1
```

```
*****
* Hydrographs will be stored for the following 6 INLETS *
*****
johlinpre jonlinpostDWPost      DWPre      DEPre      DEPost
```

```
*****
* Quality Simulation not included in this run *
*****
```

```
*****
* Precipitation Interface File Summary *
* Number of precipitation station.... 2 *
*****
```

```
Location Station Number
-----
      1.          1
      2.          2
```

```
*****
* End of time step D0-loop in Runoff *
*****
```

```
Final Date (Mo/Day/Year) = 1/ 2/1995
Page 7
```

OCE3.out

Total number of time steps = 1440
Final Julian Date = 1995002
Final time of day = 0. seconds.
Final time of day = 0.00 hours.
Final running time = 24.0000 hours.
Final running time = 1.0000 days.

* Extrapolation Summary for Watersheds *
* Explains the number of time steps and iterations *
* used in the solution of the subcatchments. *
* # Steps ==> Total Number of Extrapolated Steps *
* # Calls ==> Total Number of OVERLND Calls *

Subcatchment	# Steps	# Calls	Subcatchment	# Steps	# Calls
johlinpre#1	0	0	jonlinpost#1	0	0
DWPre#1	0	0	DEPre#1	0	0
	0	0		0	0

Rainfall input summary from Runoff Continuity Check #
#####

Total rainfall read for gage #	1 is	3.1000 in
Total rainfall duration for gage #	1 is	1440.00 minutes
Total rainfall read for gage #	2 is	4.0000 in
Total rainfall duration for gage #	2 is	1440.00 minutes

* Table R5. CONTINUITY CHECK FOR SURFACE WATER *
* Any continuity error can be fixed by lowering the *
* wet and transition time step. The transition time *
* should not be much greater than the wet time step. *

	cubic feet	Inches over Total Basin
Total Precipitation (Rain plus Snow)	4.046361E+05	3.550
Total Infiltration	1.422361E+05	1.248
Total Evaporation	1.139820E+04	0.100
Surface Runoff from Watersheds	2.475660E+05	2.172
Total Water remaining in Surface Storage	0.000000E+00	0.000
Infiltration over the Pervious Area...	1.422361E+05	1.537

Infiltration + Evaporation + Surface Runoff + Snow removal + Water remaining in Surface Storage + Water remaining in Snow Cover.....	4.012003E+05	3.520
Total Precipitation + Initial Storage.	4.046361E+05	3.550

The error in continuity is calculated as

* Precipitation + Initial Snow Cover *
* - Infiltration - *
*Evaporation - Snow removal - *
*Surface Runoff from Watersheds - *
*Water in Surface Storage - *
*Water remaining in Snow Cover *

* Precipitation + Initial Snow Cover *

Percent Continuity Error..... 0.8491

 * Table R6. Continuity Check for Channel/Pipes *
 * You should have zero continuity error *
 * if you are not using runoff hydraulics *

	cubic feet	Inches over Total Basin
Initial Channel/Pipe Storage.....	0.000000E+00	0.000
Final Channel/Pipe Storage.....	0.000000E+00	0.000
Surface Runoff from Watersheds.....	2.475660E+05	2.172
Groundwater Subsurface Inflow or Diversion..	0.000000E+00	0.000
Evaporation Loss from Channels.....	0.000000E+00	0.000
Groundwater Flow Diverted Out of Network....	0.000000E+00	0.000
Channel/Pipe/Inlet Outflow.....	2.475660E+05	2.172
Initial Storage + Inflow.....	2.475660E+05	2.172
Final Storage + Outflow + Diverted GW.....	2.475660E+05	2.172

* Final Storage + Outflow + Evaporation - *		
* Watershed Runoff - Groundwater Inflow - *		
* Initial Channel/Pipe Storage		
* -----		
* Final Storage + Outflow + Evaporation *		

Percent Continuity Error.....		0.0000

 # Table R9. Summary Statistics for Subcatchments #
 #####

Note: Total Runoff Depth includes pervious & impervious areas.
 Pervious and Impervious Runoff Depth is only the runoff from those two areas.
 For catchments receiving redirected flow, this flow will only be shown if the
 flow is not
 directed directly to the outlet. Flow that is getting redirected is also
 listed with
 the original subcatchment.

Subcatchment.....	johlinpre#1	jonlinpost#1	DWPost#1
DWPre#1	DEPre#1	DEPost#1	
Area (acres).....	15.30000	15.30000	0.11000
0.11000	0.29000	0.29000	
Percent Impervious.....	0.00000	36.00000	100.00000
0.00000	0.00000	100.00000	
Total Rainfall (in)....	3.10000	4.00000	4.00000
3.10000	3.10000	4.00000	
Max Intensity (in/hr)..	4.25010	5.48400	5.48400
4.25010	4.25010	5.48400	
Pervious Area			

Total Runoff Depth (in)	1.56213	1.76538	0.00000
1.59738	1.54195	0.00000	
Peak Runoff Rate (cfs).	12.19767	13.98930	0.00000
0.21655	0.56227	0.00000	

Total Impervious Area

		OCE3.out	
Total Runoff Depth (in)	0.00000	0.99303	3.76700
0.00000	0.00000	3.64969	
Peak Runoff Rate (cfs).	0.00000	7.86898	0.54783
0.00000	0.00000	0.94392	

Impervious Area with depression storage

Total Runoff Depth (in)	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Peak Runoff Rate (cfs).	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	

Impervious Area without depression storage

Total Runoff Depth (in)	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Peak Runoff Rate (cfs).	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	

Total Area

Total Runoff Depth (in)	1.56213	2.75841	3.76700
1.59738	1.54195	3.64969	
Peak Runoff Rate (cfs).	12.19767	21.85827	0.54783
0.21655	0.56227	0.94392	

Rational Formula

Pervious Tc. (mins)....	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Perv. Intensity (in/hr)	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Pervious C	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Impervious Tc. (mins)..	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Imp. Intensity (in/hr).	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Impervious C	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Partial Area (Ha).....	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Partial Area Tc.....	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	
Partial Area Intensity.	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	

====> Runoff simulation ended normally.
 ====> XP-SWMM Simulation ended normally.

====> Your input file was named : R:\Seattle\Oregon City Ohio\OCE3.DAT

====> Your output file was named : R:\Seattle\Oregon City Ohio\OCE3.out

OCE3.out

```
*=====*
|          SWMM Simulation Date and Time Summary          |
*=====*
| Starting Date... January    14, 2013  Time...   17: 9:21:67 |
|   Ending Date... January    14, 2013  Time...   17: 9:23:40 |
| Elapsed Time...   0.02883 minutes or    1.73000 seconds   |
*=====*
```

Driftmeyer East Preddevelopment
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_0)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_0)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_0 = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_0 (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.011	2.5	0.00	1.3
channel	461	17	0.5	NA	NA	0.001	14.3
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	481						15.5

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns
2 For k, assume channelized flow in grassed waterway

Driftmeyer West Predevelopment
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_0)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_0)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_0 = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_0 (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.15	2.5	0.00	10.1
channel	195	17	0.5	NA	NA	0.001	6.0
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	215						16.2

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns

2 For k, assume channelized flow in grassed waterway

Driftmeyer East Post Development
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_0)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_0)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_0 = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_0 (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.15	2.5	0.00	10.1
channel	461	17	0.5	NA	NA	0.001	14.3
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	481						24.4

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns

2 For k, assume channelized flow in grassed waterway

Driftmeyer West Post Development
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_0)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_0)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_0 = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_0 (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.011	2.5	0.00	1.3
channel	195	17	0.5	NA	NA	0.001	6.0
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	215						7.3

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns

2 For k, assume channelized flow in grassed waterway

Johlin Predevelopment
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_0)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_0)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_0 = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_0 (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.15	2.5	0.02	3.1
channel	2077	17	0.5	NA	NA	0.001	64.4
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	2097						67.5

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns
2 For k, assume channelized flow in grassed waterway

2097

Johlin Post Development
Calculate Time of Concentration (Tc)

$$T_c = \text{Sum}(T_t)$$

Where:

$$T_t = \text{travel time (min)} = \frac{L}{(60 \times V)} \quad (\text{for shallow concentrated flow or channel flow})$$

$$T_t = \text{travel time (min)} = \frac{0.42(n_s L)^{0.8}}{(P_2)^{0.5}(s_o)^{0.4}} \quad (\text{for sheet flow})$$

Where:

$$V = \text{avg. velocity (ft/s)} = V = k(s_o)^{0.5}$$

k = time of concentration velocity factor (ft/s) (see Attachment 2)

L = flow length (ft)

n_s = sheet flow Manning's effective roughness coefficient (see Attachment 2)

P_2 = 2-year, 24-hour rainfall (in), (see Attachment 1A)

s_o = slope of hydraulic grade line (land slope, ft/ft)

	L (ft)	$k_{s/c}$	V (fps)	n_s	P_2	s_o (ft/ft)	Tt (min)
sheet flow	20	NA	NA	0.011	2.5	0.00	1.3
channel	2077	17	0.5	NA	NA	0.001	64.4
channel	0	17	3.4	NA	NA	0.04	0.0
channel	0	17	1.7	NA	NA	0.01	0.0
channel	0	17	3.4	NA	NA	0.04	0.0
Total (Tc)	2097						65.6

Notes:

1
2
2
2
2

Notes: 1 For n, assume sheet flow on short prairie grass and lawns
2 For k, assume channelized flow in grassed waterway

2097

Driftmeyer Pond 1**Pond Size**

Target flow = predevelopment 5-year =

0.779 cfs

Overdetain flow from access road on east side for runoff from access road or pond bottom

900

length 30

Width 30

orifice diameter 0.16666667

orifice area 0.021816616

volume=

1800 length=

Width+

1' freeboard active vol bottom

78

72

60

26

20

8

1440

480

1920

ss

0 :1

East		inflow cfs	Add Vol	Adj Vol	Depth	outflow cfs	Volume out	West side		inflow cfs
Flow	1	0	0	0	0	0	0	Flow	1	0
Flow	2	0	0	0	0	0	0	Flow	2	0
Flow	3	0	0	0	0	0	0	Flow	3	0
Flow	4	0	0	0	0	0	0	Flow	4	0
Flow	5	0	0	0	0	0	0	Flow	5	0
Flow	6	0	0	0	0	0	0	Flow	6	0
Flow	7	0	0	0	0	0	0	Flow	7	0
Flow	8	0	0	0	0	0	0	Flow	8	0
Flow	9	0	0	0	0	0	0	Flow	9	0
Flow	10	0	0	0	0	0	0	Flow	10	0
Flow	11	0	0	0	0	0	0	Flow	11	0
Flow	12	0	0	0	0	0	0	Flow	12	0
Flow	13	0	0	0	0	0	0	Flow	13	0
Flow	14	0	0	0	0	0	0	Flow	14	0
Flow	15	0	0	0	0	0	0	Flow	15	0
Flow	16	0	0	0	0	0	0	Flow	16	0
Flow	17	0	0	0	0	0	0	Flow	17	0
Flow	18	0	0	0	0	0	0	Flow	18	0
Flow	19	0	0	0	0	0	0	Flow	19	0
Flow	20	0	0	0	0	0	0	Flow	20	0
Flow	21	0	0	0	0	0	0	Flow	21	0
Flow	22	0	0	0	0	0	0	Flow	22	0
Flow	23	0	0	0	0	0	0	Flow	23	0
Flow	24	0	0	0	0	0	0	Flow	24	0
Flow	25	0	0	0	0	0	0	Flow	25	0
Flow	26	0	0	0	0	0	0	Flow	26	0
Flow	27	0	0	0	0	0	0	Flow	27	0
Flow	28	0	0	0	0	0	0	Flow	28	0
Flow	29	0	0	0	0	0	0	Flow	29	0
Flow	30	0	0	0	0	0	0	Flow	30	0
Flow	31	0	0	0	0	0	0	Flow	31	0
Flow	32	0	0	0	0	0	0	Flow	32	0
Flow	33	0	0	0	0	0	0	Flow	33	0
Flow	34	0	0	0	0	0	0	Flow	34	0
Flow	35	0	0	0	0	0	0	Flow	35	0

Flow	36	0	0	0	0	0	0	0
Flow	37	0	0	0	0	0	0	0
Flow	38	0	0	0	0	0	0	0
Flow	39	0	0	0	0	0	0	0
Flow	40	0	0	0	0	0	0	0
Flow	41	0	0	0	0	0	0	0
Flow	42	0	0	0	0	0	0	0
Flow	43	0	0	0	0	0	0	0
Flow	44	0	0	0	0	0	0	0
Flow	45	0	0	0	0	0	0	0
Flow	46	0	0	0	0	0	0	0
Flow	47	0	0	0	0	0	0	0
Flow	48	0	0	0	0	0	0	0
Flow	49	0	0	0	0	0	0	0
Flow	50	0	0	0	0	0	0	0
Flow	51	0	0	0	0	0	0	0
Flow	52	0	0	0	0	0	0	0
Flow	53	0	0	0	0	0	0	0
Flow	54	0	0	0	0	0	0	0
Flow	55	0	0	0	0	0	0	0
Flow	56	0	0	0	0	0	0	0
Flow	57	0	0	0	0	0	0	0
Flow	58	0	0	0	0	0	0	0
Flow	59	0	0	0	0	0	0	0
Flow	60	0	0	0	0	0	0	0
Flow	61	0	0	0	0	0	0	0
Flow	62	0	0	0	0	0	0	0
Flow	63	0	0	0	0	0	0	0
Flow	64	0	0	0	0	0	0	0
Flow	65	0	0	0	0	0	0	0
Flow	66	0	0	0	0	0	0	0
Flow	67	0	0	0	0	0	0	0
Flow	68	0	0	0	0	0	0	0
Flow	69	0	0	0	0	0	0	0
Flow	70	0	0	0	0	0	0	0
Flow	71	0	0	0	0	0	0	0
Flow	72	0	0	0	0	0	0	0
Flow	73	0	0	0	0	0	0	0
Flow	74	0	0	0	0	0	0	0
Flow	75	0	0	0	0	0	0	0
Flow	76	0	0	0	0	0	0	0
Flow	77	0	0	0	0	0	0	0
Flow	78	0	0	0	0	0	0	0
Flow	79	0	0	0	0	0	0	0
Flow	80	0	0	0	0	0	0	0

Flow	36	0	0
Flow	37	0	0
Flow	38	0	0
Flow	39	0	0
Flow	40	0	0
Flow	41	0	0
Flow	42	0	0
Flow	43	0	0
Flow	44	0	0
Flow	45	0	0
Flow	46	0	0
Flow	47	0	0
Flow	48	0	0
Flow	49	0	0
Flow	50	0	0
Flow	51	0	0
Flow	52	0	0
Flow	53	0	0
Flow	54	0	0
Flow	55	0	0
Flow	56	0	0
Flow	57	0	0
Flow	58	0	0
Flow	59	0	0
Flow	60	0	0
Flow	61	0	0
Flow	62	0	0
Flow	63	0	0
Flow	64	0	0
Flow	65	0	0
Flow	66	0	0
Flow	67	0	0
Flow	68	0	0
Flow	69	0	0
Flow	70	0	0
Flow	71	0	0
Flow	72	0	0
Flow	73	0	0
Flow	74	0	0
Flow	75	0	0
Flow	76	0	0
Flow	77	0	0
Flow	78	0	0
Flow	79	0	0
Flow	80	0	0

Flow	81	0	0	0	0	0	0	0	Flow	81	0	0
Flow	82	0	0	0	0	0	0	0	Flow	82	0	0
Flow	83	0	0	0	0	0	0	0	Flow	83	0	0
Flow	84	0	0	0	0	0	0	0	Flow	84	0	0
Flow	85	0	0	0	0	0	0	0	Flow	85	0	0
Flow	86	0	0	0	0	0	0	0	Flow	86	0	0
Flow	87	0	0	0	0	0	0	0	Flow	87	0	0
Flow	88	0	0	0	0	0	0	0	Flow	88	0	0
Flow	89	0	0	0	0	0	0	0	Flow	89	0.001	0.001
Flow	90	0	0	0	0	0	0	0	Flow	90	0.001	0.001
Flow	91	0	0	0	0	0	0	0	Flow	91	0.001	0.001
Flow	92	0	0	0	0	0	0	0	Flow	92	0.001	0.001
Flow	93	0.001	0.001	0.06	0.06	6.67E-05	0.000886291	0.053177464	Flow	93	0.001	0.001
Flow	94	0.001	0.001	0.06	0.066823	7.42E-05	0.000935324	0.056119459	Flow	94	0.001	0.001
Flow	95	0.001	0.001	0.06	0.070703	7.86E-05	0.000962099	0.057725959	Flow	95	0.001	0.001
Flow	96	0.001	0.001	0.06	0.072977	8.11E-05	0.000977449	0.058646939	Flow	96	0.001	0.001
Flow	97	0.001	0.001	0.06	0.07433	8.26E-05	0.000986469	0.059188126	Flow	97	0.001	0.001
Flow	98	0.001	0.001	0.06	0.075142	8.35E-05	0.000991842	0.05951049	Flow	98	0.001	0.001
Flow	99	0.001	0.001	0.06	0.075632	8.4E-05	0.000995067	0.059704015	Flow	99	0.001	0.001
Flow	100	0.001	0.001	0.06	0.075928	8.44E-05	0.000997012	0.059820727	Flow	100	0.001	0.001
Flow	101	0.001	0.001	0.06	0.076107	8.46E-05	0.000998188	0.059891307	Flow	101	0.001	0.001
Flow	102	0.001	0.001	0.06	0.076216	8.47E-05	0.000998901	0.059934059	Flow	102	0.001	0.001
Flow	103	0.001	0.001	0.06	0.076281	8.48E-05	0.000999333	0.059959981	Flow	103	0.001	0.001
Flow	104	0.001	0.001	0.06	0.076321	8.48E-05	0.000999595	0.059975707	Flow	104	0.001	0.001
Flow	105	0.001	0.001	0.06	0.076346	8.48E-05	0.000999754	0.059985251	Flow	105	0.001	0.001
Flow	106	0.001	0.001	0.06	0.076361	8.48E-05	0.000999851	0.059991045	Flow	106	0.001	0.001
Flow	107	0.001	0.001	0.06	0.076369	8.49E-05	0.000999909	0.059994563	Flow	107	0.001	0.001
Flow	108	0.001	0.001	0.06	0.076375	8.49E-05	0.000999945	0.059996698	Flow	108	0.001	0.001
Flow	109	0.002	0.002	0.12	0.136378	0.000152	0.001336205	0.080172328	Flow	109	0.001	0.001
Flow	110	0.002	0.002	0.12	0.176206	0.000196	0.001518836	0.091130174	Flow	110	0.001	0.001
Flow	111	0.002	0.002	0.12	0.205076	0.000228	0.001638543	0.098312584	Flow	111	0.001	0.001
Flow	112	0.002	0.002	0.12	0.226763	0.000252	0.001723007	0.103380402	Flow	112	0.001	0.001
Flow	113	0.002	0.002	0.12	0.243383	0.00027	0.00178503	0.107101825	Flow	113	0.001	0.001
Flow	114	0.002	0.002	0.12	0.256281	0.000285	0.001831719	0.109903144	Flow	114	0.001	0.001
Flow	115	0.002	0.002	0.12	0.266378	0.000296	0.001867453	0.112047191	Flow	115	0.001	0.001
Flow	116	0.002	0.002	0.12	0.274331	0.000305	0.001895125	0.113707496	Flow	116	0.001	0.001
Flow	117	0.002	0.002	0.12	0.280623	0.000312	0.001916737	0.115004195	Flow	117	0.001	0.001
Flow	118	0.002	0.002	0.12	0.285619	0.000317	0.001933723	0.116023363	Flow	118	0.001	0.001
Flow	119	0.002	0.002	0.12	0.289596	0.000322	0.001947138	0.11682826	Flow	119	0.001	0.001
Flow	120	0.002	0.002	0.12	0.292767	0.000325	0.001957771	0.117466288	Flow	120	0.001	0.001
Flow	121	0.002	0.002	0.12	0.295301	0.000328	0.001966225	0.11797349	Flow	121	0.001	0.001
Flow	122	0.002	0.002	0.12	0.297327	0.00033	0.00197296	0.118377596	Flow	122	0.001	0.001
Flow	123	0.002	0.002	0.12	0.29895	0.000332	0.001978335	0.118700128	Flow	123	0.001	0.001
Flow	124	0.003	0.003	0.18	0.36025	0.0004	0.002171714	0.130302828	Flow	124	0.001	0.001
Flow	125	0.003	0.003	0.18	0.409947	0.000455	0.002316672	0.139000324	Flow	125	0.001	0.001

Flow	126	0.003	0.003	0.18	0.450947	0.000501	0.00242976	0.145785575	Flow	126	0.001	0.001
Flow	127	0.003	0.003	0.18	0.485161	0.000539	0.00252025	0.151215026	Flow	127	0.001	0.001
Flow	128	0.003	0.003	0.18	0.513946	0.000571	0.002593937	0.155636244	Flow	128	0.001	0.001
Flow	129	0.003	0.003	0.18	0.53831	0.000598	0.002654709	0.159282521	Flow	129	0.002	0.002
Flow	130	0.003	0.003	0.18	0.559027	0.000621	0.002705311	0.162318672	Flow	130	0.002	0.002
Flow	131	0.003	0.003	0.18	0.576709	0.000641	0.002747761	0.164865657	Flow	131	0.002	0.002
Flow	132	0.003	0.003	0.18	0.591843	0.000658	0.002783582	0.167014901	Flow	132	0.002	0.002
Flow	133	0.003	0.003	0.18	0.604828	0.000672	0.002813952	0.168837123	Flow	133	0.002	0.002
Flow	134	0.003	0.003	0.18	0.615991	0.000684	0.002839801	0.170388052	Flow	134	0.002	0.002
Flow	135	0.003	0.003	0.18	0.625603	0.000695	0.002861871	0.171712278	Flow	135	0.002	0.002
Flow	136	0.003	0.003	0.18	0.633891	0.000704	0.002880765	0.172845922	Flow	136	0.002	0.002
Flow	137	0.003	0.003	0.18	0.641045	0.000712	0.002896976	0.173818553	Flow	137	0.002	0.002
Flow	138	0.003	0.003	0.18	0.647226	0.000719	0.00291091	0.174654589	Flow	138	0.002	0.002
Flow	139	0.003	0.003	0.18	0.652571	0.000725	0.002922906	0.175374338	Flow	139	0.002	0.002
Flow	140	0.004	0.004	0.24	0.717197	0.000797	0.003064221	0.183853235	Flow	140	0.002	0.002
Flow	141	0.004	0.004	0.24	0.773344	0.000859	0.003181904	0.190914245	Flow	141	0.002	0.002
Flow	142	0.004	0.004	0.24	0.82243	0.000914	0.003281332	0.196879901	Flow	142	0.002	0.002
Flow	143	0.004	0.004	0.24	0.86555	0.000962	0.003366253	0.201975188	Flow	143	0.002	0.002
Flow	144	0.004	0.004	0.24	0.903575	0.001004	0.003439401	0.20636403	Flow	144	0.002	0.002
Flow	145	0.004	0.004	0.24	0.937211	0.001041	0.003502832	0.210169931	Flow	145	0.002	0.002
Flow	146	0.004	0.004	0.24	0.967041	0.001074	0.003558141	0.213488436	Flow	146	0.002	0.002
Flow	147	0.004	0.004	0.24	0.993552	0.001104	0.003606584	0.216395058	Flow	147	0.002	0.002
Flow	148	0.004	0.004	0.24	1.017157	0.00113	0.003649176	0.21895054	Flow	148	0.002	0.002
Flow	149	0.004	0.004	0.24	1.038207	0.001154	0.003686741	0.221204464	Flow	149	0.002	0.002
Flow	150	0.004	0.004	0.24	1.057002	0.001174	0.003719963	0.223197809	Flow	150	0.002	0.002
Flow	151	0.004	0.004	0.24	1.073804	0.001193	0.003749413	0.2249648	Flow	151	0.002	0.002
Flow	152	0.004	0.004	0.24	1.08884	0.00121	0.003775571	0.226534282	Flow	152	0.002	0.002
Flow	153	0.004	0.004	0.24	1.102305	0.001225	0.003798846	0.227930757	Flow	153	0.002	0.002
Flow	154	0.004	0.004	0.24	1.114374	0.001238	0.003819586	0.229175177	Flow	154	0.002	0.002
Flow	155	0.004	0.004	0.24	1.125199	0.00125	0.003838093	0.230285569	Flow	155	0.002	0.002
Flow	156	0.004	0.004	0.24	1.134914	0.001261	0.003854625	0.23127752	Flow	156	0.002	0.002
Flow	157	0.005	0.005	0.3	1.203636	0.001337	0.003969615	0.23817689	Flow	157	0.002	0.002
Flow	158	0.005	0.005	0.3	1.265459	0.001406	0.004070285	0.244217112	Flow	158	0.002	0.002
Flow	159	0.005	0.005	0.3	1.321242	0.001468	0.004159029	0.24954175	Flow	159	0.002	0.002
Flow	160	0.005	0.005	0.3	1.3717	0.001524	0.004237702	0.254262106	Flow	160	0.002	0.002
Flow	161	0.005	0.005	0.3	1.417438	0.001575	0.004307773	0.258466396	Flow	161	0.002	0.002
Flow	162	0.005	0.005	0.3	1.458972	0.001621	0.004370431	0.262225831	Flow	162	0.002	0.002
Flow	163	0.005	0.005	0.3	1.496746	0.001663	0.004426646	0.265598776	Flow	163	0.002	0.002
Flow	164	0.005	0.005	0.3	1.531147	0.001701	0.004477228	0.268633698	Flow	164	0.002	0.002
Flow	165	0.005	0.005	0.3	1.562514	0.001736	0.004522855	0.271371296	Flow	165	0.002	0.002
Flow	166	0.005	0.005	0.3	1.591142	0.001768	0.004564101	0.273846072	Flow	166	0.002	0.002
Flow	167	0.005	0.005	0.3	1.617296	0.001797	0.004601459	0.276087531	Flow	167	0.002	0.002
Flow	168	0.005	0.005	0.3	1.641209	0.001824	0.004635351	0.278121082	Flow	168	0.002	0.002
Flow	169	0.005	0.005	0.3	1.663088	0.001848	0.004666146	0.279968758	Flow	169	0.002	0.002
Flow	170	0.005	0.005	0.3	1.683119	0.00187	0.004694163	0.281649768	Flow	170	0.002	0.002

Flow	171	0.005	0.005	0.3	1.701469	0.001891	0.004719683	0.283180952	Flow	171	0.002	0.002
Flow	172	0.005	0.005	0.3	1.718288	0.001909	0.004742952	0.284577134	Flow	172	0.002	0.002
Flow	173	0.005	0.005	0.3	1.733711	0.001926	0.00476419	0.285851423	Flow	173	0.002	0.002
Flow	174	0.005	0.005	0.3	1.74786	0.001942	0.004783591	0.28701545	Flow	174	0.003	0.003
Flow	175	0.005	0.005	0.3	1.760844	0.001956	0.004801326	0.288079571	Flow	175	0.003	0.003
Flow	176	0.006	0.006	0.36	1.832765	0.002036	0.004898398	0.293903897	Flow	176	0.003	0.003
Flow	177	0.006	0.006	0.36	1.898861	0.00211	0.004985943	0.299156576	Flow	177	0.003	0.003
Flow	178	0.006	0.006	0.36	1.959704	0.002177	0.005065193	0.303911584	Flow	178	0.003	0.003
Flow	179	0.006	0.006	0.36	2.015793	0.00224	0.005137167	0.308230008	Flow	179	0.003	0.003
Flow	180	0.006	0.006	0.36	2.067563	0.002297	0.005202715	0.312162929	Flow	180	0.003	0.003
Flow	181	0.006	0.006	0.36	2.1154	0.00235	0.005262559	0.315753526	Flow	181	0.003	0.003
Flow	182	0.006	0.006	0.36	2.159646	0.0024	0.005317311	0.319038645	Flow	182	0.003	0.003
Flow	183	0.006	0.006	0.36	2.200607	0.002445	0.0053675	0.322049988	Flow	183	0.003	0.003
Flow	184	0.006	0.006	0.36	2.238557	0.002487	0.005413584	0.324815034	Flow	184	0.003	0.003
Flow	185	0.006	0.006	0.36	2.273742	0.002526	0.005455963	0.327357753	Flow	185	0.003	0.003
Flow	186	0.006	0.006	0.36	2.306385	0.002563	0.005494986	0.329699183	Flow	186	0.003	0.003
Flow	187	0.006	0.006	0.36	2.336685	0.002596	0.005530965	0.331857876	Flow	187	0.003	0.003
Flow	188	0.006	0.006	0.36	2.364828	0.002628	0.005564171	0.333850278	Flow	188	0.003	0.003
Flow	189	0.006	0.006	0.36	2.390977	0.002657	0.00559485	0.335691024	Flow	189	0.003	0.003
Flow	190	0.006	0.006	0.36	2.415286	0.002684	0.00562322	0.337393187	Flow	190	0.003	0.003
Flow	191	0.006	0.006	0.36	2.437893	0.002709	0.005649475	0.338968491	Flow	191	0.003	0.003
Flow	192	0.006	0.006	0.36	2.458925	0.002732	0.005673791	0.340427478	Flow	192	0.003	0.003
Flow	193	0.006	0.006	0.36	2.478497	0.002754	0.005696328	0.341779658	Flow	193	0.003	0.003
Flow	194	0.007	0.007	0.42	2.556717	0.002841	0.005785516	0.347130977	Flow	194	0.003	0.003
Flow	195	0.007	0.007	0.42	2.629587	0.002922	0.005867384	0.352043015	Flow	195	0.003	0.003
Flow	196	0.007	0.007	0.42	2.697543	0.002997	0.005942716	0.356562961	Flow	196	0.003	0.003
Flow	197	0.007	0.007	0.42	2.760981	0.003068	0.006012186	0.360731171	Flow	197	0.003	0.003
Flow	198	0.007	0.007	0.42	2.820249	0.003134	0.006076374	0.364582446	Flow	198	0.003	0.003
Flow	199	0.007	0.007	0.42	2.875667	0.003195	0.006135784	0.368147021	Flow	199	0.003	0.003
Flow	200	0.007	0.007	0.42	2.92752	0.003253	0.006190856	0.371451338	Flow	200	0.003	0.003
Flow	201	0.007	0.007	0.42	2.976069	0.003307	0.006241978	0.374518664	Flow	201	0.003	0.003
Flow	202	0.007	0.007	0.42	3.02155	0.003357	0.006289493	0.377369577	Flow	202	0.003	0.003
Flow	203	0.007	0.007	0.42	3.06418	0.003405	0.006333706	0.380022367	Flow	203	0.003	0.003
Flow	204	0.007	0.007	0.42	3.104158	0.003449	0.006374889	0.382493364	Flow	204	0.003	0.003
Flow	205	0.007	0.007	0.42	3.141665	0.003491	0.006413287	0.384797204	Flow	205	0.003	0.003
Flow	206	0.007	0.007	0.42	3.176867	0.00353	0.006449118	0.386947052	Flow	206	0.003	0.003
Flow	207	0.007	0.007	0.42	3.20992	0.003567	0.00648258	0.388954792	Flow	207	0.003	0.003
Flow	208	0.007	0.007	0.42	3.240966	0.003601	0.006513853	0.390831182	Flow	208	0.003	0.003
Flow	209	0.007	0.007	0.42	3.270134	0.003633	0.0065431	0.392585991	Flow	209	0.003	0.003
Flow	210	0.007	0.007	0.42	3.297548	0.003664	0.006570468	0.394228109	Flow	210	0.003	0.003
Flow	211	0.007	0.007	0.42	3.32332	0.003693	0.006596094	0.39576565	Flow	211	0.003	0.003
Flow	212	0.007	0.007	0.42	3.347555	0.00372	0.006620101	0.397206032	Flow	212	0.003	0.003
Flow	213	0.007	0.007	0.42	3.370349	0.003745	0.006642601	0.398556053	Flow	213	0.003	0.003
Flow	214	0.007	0.007	0.42	3.391793	0.003769	0.006663699	0.399821955	Flow	214	0.003	0.003
Flow	215	0.008	0.008	0.48	3.471971	0.003858	0.006742	0.404520017	Flow	215	0.003	0.003

Flow	216	0.008	0.008	0.48	3.547451	0.003942	0.006814891	0.40889347	Flow	216	0.003	0.003
Flow	217	0.008	0.008	0.48	3.618557	0.004021	0.006882853	0.41297115	Flow	217	0.003	0.003
Flow	218	0.008	0.008	0.48	3.685586	0.004095	0.006946308	0.416778464	Flow	218	0.003	0.003
Flow	219	0.008	0.008	0.48	3.748807	0.004165	0.007005632	0.420337917	Flow	219	0.003	0.003
Flow	220	0.008	0.008	0.48	3.80847	0.004232	0.007061159	0.423669542	Flow	220	0.003	0.003
Flow	221	0.008	0.008	0.48	3.8648	0.004294	0.007113188	0.426791255	Flow	221	0.003	0.003
Flow	222	0.008	0.008	0.48	3.918009	0.004353	0.007161986	0.429719142	Flow	222	0.003	0.003
Flow	223	0.008	0.008	0.48	3.96829	0.004409	0.007207795	0.432467703	Flow	223	0.003	0.003
Flow	224	0.008	0.008	0.48	4.015822	0.004462	0.007250834	0.435050049	Flow	224	0.003	0.003
Flow	225	0.008	0.008	0.48	4.060772	0.004512	0.007291301	0.437478077	Flow	225	0.003	0.003
Flow	226	0.008	0.008	0.48	4.103294	0.004559	0.007329377	0.439762614	Flow	226	0.003	0.003
Flow	227	0.008	0.008	0.48	4.143531	0.004604	0.007365226	0.441913536	Flow	227	0.003	0.003
Flow	228	0.008	0.008	0.48	4.181618	0.004646	0.007398998	0.443939878	Flow	228	0.003	0.003
Flow	229	0.008	0.008	0.48	4.217678	0.004686	0.007430832	0.445849924	Flow	229	0.003	0.003
Flow	230	0.008	0.008	0.48	4.251828	0.004724	0.007460855	0.447651284	Flow	230	0.003	0.003
Flow	231	0.008	0.008	0.48	4.284177	0.00476	0.007489183	0.449350965	Flow	231	0.003	0.003
Flow	232	0.008	0.008	0.48	4.314826	0.004794	0.007515924	0.450955431	Flow	232	0.003	0.003
Flow	233	0.008	0.008	0.48	4.34387	0.004827	0.007541178	0.452470653	Flow	233	0.003	0.003
Flow	234	0.008	0.008	0.48	4.371399	0.004857	0.007565036	0.453902159	Flow	234	0.003	0.003
Flow	235	0.008	0.008	0.48	4.397497	0.004886	0.007587585	0.455255071	Flow	235	0.004	0.004
Flow	236	0.009	0.009	0.54	4.482242	0.00498	0.007660346	0.459620788	Flow	236	0.004	0.004
Flow	237	0.009	0.009	0.54	4.562621	0.00507	0.007728727	0.463723622	Flow	237	0.004	0.004
Flow	238	0.009	0.009	0.54	4.638898	0.005154	0.007793062	0.467583744	Flow	238	0.004	0.004
Flow	239	0.009	0.009	0.54	4.711314	0.005235	0.007853654	0.471219256	Flow	239	0.004	0.004
Flow	240	0.009	0.009	0.54	4.780095	0.005311	0.007910775	0.474646472	Flow	240	0.004	0.004
Flow	241	0.009	0.009	0.54	4.845448	0.005384	0.007964669	0.477880143	Flow	241	0.004	0.004
Flow	242	0.009	0.009	0.54	4.907568	0.005453	0.008015561	0.480933659	Flow	242	0.004	0.004
Flow	243	0.009	0.009	0.54	4.966635	0.005518	0.008063653	0.483819205	Flow	243	0.004	0.004
Flow	244	0.009	0.009	0.54	5.022815	0.005581	0.008109132	0.486547905	Flow	244	0.004	0.004
Flow	245	0.009	0.009	0.54	5.076267	0.00564	0.008152166	0.489129941	Flow	245	0.004	0.004
Flow	246	0.009	0.009	0.54	5.127138	0.005697	0.008192911	0.491574655	Flow	246	0.004	0.004
Flow	247	0.009	0.009	0.54	5.175563	0.005751	0.008231511	0.493890638	Flow	247	0.004	0.004
Flow	248	0.009	0.009	0.54	5.221672	0.005802	0.008268097	0.496085808	Flow	248	0.004	0.004
Flow	249	0.009	0.009	0.54	5.265586	0.005851	0.008302791	0.498167478	Flow	249	0.004	0.004
Flow	250	0.009	0.009	0.54	5.307419	0.005897	0.008335707	0.500142413	Flow	250	0.004	0.004
Flow	251	0.009	0.009	0.54	5.347277	0.005941	0.008366948	0.502016882	Flow	251	0.004	0.004
Flow	252	0.009	0.009	0.54	5.38526	0.005984	0.008396612	0.503796706	Flow	252	0.004	0.004
Flow	253	0.009	0.009	0.54	5.421463	0.006024	0.008424788	0.505487297	Flow	253	0.004	0.004
Flow	254	0.009	0.009	0.54	5.455976	0.006062	0.008451562	0.507093696	Flow	254	0.004	0.004
Flow	255	0.009	0.009	0.54	5.488882	0.006099	0.00847701	0.508620599	Flow	255	0.004	0.004
Flow	256	0.009	0.009	0.54	5.520261	0.006134	0.008501207	0.510072394	Flow	256	0.004	0.004
Flow	257	0.009	0.009	0.54	5.550189	0.006167	0.00852422	0.511453181	Flow	257	0.004	0.004
Flow	258	0.009	0.009	0.54	5.578736	0.006199	0.008546113	0.512766797	Flow	258	0.004	0.004
Flow	259	0.009	0.009	0.54	5.605969	0.006229	0.008566947	0.514016837	Flow	259	0.004	0.004
Flow	260	0.009	0.009	0.54	5.631952	0.006258	0.008586778	0.515206671	Flow	260	0.004	0.004

Flow	261	0.01	0.01	0.6	5.716745	0.006352	0.008651177	0.519070596	Flow	261	0.004	0.004
Flow	262	0.01	0.01	0.6	5.797675	0.006442	0.008712197	0.522731809	Flow	262	0.004	0.004
Flow	263	0.01	0.01	0.6	5.874943	0.006528	0.00877006	0.526203619	Flow	263	0.004	0.004
Flow	264	0.01	0.01	0.6	5.948739	0.00661	0.00882497	0.529498182	Flow	264	0.004	0.004
Flow	265	0.01	0.01	0.6	6.019241	0.006688	0.00887711	0.532626629	Flow	265	0.004	0.004
Flow	266	0.01	0.01	0.6	6.086615	0.006763	0.008926653	0.535599179	Flow	266	0.004	0.004
Flow	267	0.01	0.01	0.6	6.151015	0.006834	0.008973754	0.538425238	Flow	267	0.004	0.004
Flow	268	0.01	0.01	0.6	6.21259	0.006903	0.009018558	0.541113481	Flow	268	0.004	0.004
Flow	269	0.01	0.01	0.6	6.271477	0.006968	0.009061199	0.543671926	Flow	269	0.004	0.004
Flow	270	0.01	0.01	0.6	6.327805	0.007031	0.0091018	0.546107998	Flow	270	0.004	0.004
Flow	271	0.01	0.01	0.6	6.381697	0.007091	0.009140476	0.548428586	Flow	271	0.004	0.004
Flow	272	0.01	0.01	0.6	6.433268	0.007148	0.009177335	0.550640092	Flow	272	0.004	0.004
Flow	273	0.01	0.01	0.6	6.482628	0.007203	0.009212475	0.552748477	Flow	273	0.004	0.004
Flow	274	0.01	0.01	0.6	6.52988	0.007255	0.009245988	0.554759296	Flow	274	0.004	0.004
Flow	275	0.01	0.01	0.6	6.57512	0.007306	0.009277962	0.556677737	Flow	275	0.004	0.004
Flow	276	0.01	0.01	0.6	6.618443	0.007354	0.009308478	0.55850865	Flow	276	0.004	0.004
Flow	277	0.01	0.01	0.6	6.659934	0.0074	0.00933761	0.560256574	Flow	277	0.004	0.004
Flow	278	0.011	0.011	0.66	6.759677	0.007511	0.009407273	0.564436363	Flow	278	0.004	0.004
Flow	279	0.011	0.011	0.66	6.855241	0.007617	0.009473536	0.568412166	Flow	279	0.004	0.004
Flow	280	0.011	0.011	0.66	6.946829	0.007719	0.009536611	0.572196636	Flow	280	0.004	0.004
Flow	281	0.011	0.011	0.66	7.034632	0.007816	0.00959669	0.575801376	Flow	281	0.004	0.004
Flow	282	0.011	0.011	0.66	7.118831	0.00791	0.009653951	0.579237055	Flow	282	0.004	0.004
Flow	283	0.011	0.011	0.66	7.199594	0.008	0.009708558	0.582513503	Flow	283	0.004	0.004
Flow	284	0.011	0.011	0.66	7.27708	0.008086	0.009760663	0.5856398	Flow	284	0.004	0.004
Flow	285	0.011	0.011	0.66	7.351441	0.008168	0.009810406	0.588624349	Flow	285	0.004	0.004
Flow	286	0.011	0.011	0.66	7.422816	0.008248	0.009857916	0.591474944	Flow	286	0.004	0.004
Flow	287	0.011	0.011	0.66	7.491341	0.008324	0.009903314	0.594198825	Flow	287	0.004	0.004
Flow	288	0.011	0.011	0.66	7.557142	0.008397	0.009946712	0.596802731	Flow	288	0.004	0.004
Flow	289	0.011	0.011	0.66	7.62034	0.008467	0.009988216	0.599292944	Flow	289	0.004	0.004
Flow	290	0.011	0.011	0.66	7.681047	0.008534	0.010027922	0.601675327	Flow	290	0.005	0.005
Flow	291	0.011	0.011	0.66	7.739371	0.008599	0.010065923	0.603955365	Flow	291	0.005	0.005
Flow	292	0.011	0.011	0.66	7.795416	0.008662	0.010102303	0.606138191	Flow	292	0.005	0.005
Flow	293	0.011	0.011	0.66	7.849278	0.008721	0.010137144	0.608228618	Flow	293	0.005	0.005
Flow	294	0.011	0.011	0.66	7.901049	0.008779	0.010170519	0.610231164	Flow	294	0.005	0.005
Flow	295	0.011	0.011	0.66	7.950818	0.008834	0.010202501	0.612150075	Flow	295	0.005	0.005
Flow	296	0.011	0.011	0.66	7.998668	0.008887	0.010233156	0.613989345	Flow	296	0.005	0.005
Flow	297	0.011	0.011	0.66	8.044679	0.008939	0.010262546	0.615752735	Flow	297	0.005	0.005
Flow	298	0.011	0.011	0.66	8.088926	0.008988	0.01029073	0.617443791	Flow	298	0.005	0.005
Flow	299	0.011	0.011	0.66	8.131482	0.009035	0.010317764	0.619065861	Flow	299	0.005	0.005
Flow	300	0.011	0.011	0.66	8.172416	0.00908	0.010343702	0.620622103	Flow	300	0.005	0.005
Flow	301	0.011	0.011	0.66	8.211794	0.009124	0.010368592	0.622115506	Flow	301	0.005	0.005
Flow	302	0.012	0.012	0.72	8.309679	0.009233	0.010430205	0.625812327	Flow	302	0.005	0.005
Flow	303	0.012	0.012	0.72	8.403866	0.009338	0.01048915	0.62934903	Flow	303	0.005	0.005
Flow	304	0.012	0.012	0.72	8.494517	0.009438	0.010545571	0.632734262	Flow	304	0.005	0.005
Flow	305	0.012	0.012	0.72	8.581783	0.009535	0.010599601	0.635976055	Flow	305	0.005	0.005

Flow	306	0.012	0.012	0.72	8.665807	0.009629	0.010651365	0.639081881	Flow	306	0.005	0.005
Flow	307	0.012	0.012	0.72	8.746725	0.009719	0.010700978	0.642058704	Flow	307	0.005	0.005
Flow	308	0.012	0.012	0.72	8.824666	0.009805	0.01074855	0.644913024	Flow	308	0.005	0.005
Flow	309	0.012	0.012	0.72	8.899753	0.009889	0.010794182	0.647650917	Flow	309	0.005	0.005
Flow	310	0.012	0.012	0.72	8.972102	0.009969	0.010837968	0.650278075	Flow	310	0.005	0.005
Flow	311	0.012	0.012	0.72	9.041824	0.010046	0.010879997	0.65279983	Flow	311	0.005	0.005
Flow	312	0.012	0.012	0.72	9.109025	0.010121	0.010920353	0.655221192	Flow	312	0.005	0.005
Flow	313	0.012	0.012	0.72	9.173803	0.010193	0.010959114	0.657546866	Flow	313	0.005	0.005
Flow	314	0.012	0.012	0.72	9.236256	0.010263	0.010996355	0.659781284	Flow	314	0.005	0.005
Flow	315	0.012	0.012	0.72	9.296475	0.010329	0.011032144	0.661928616	Flow	315	0.005	0.005
Flow	316	0.012	0.012	0.72	9.354547	0.010394	0.011066547	0.6639928	Flow	316	0.005	0.005
Flow	317	0.012	0.012	0.72	9.410554	0.010456	0.011099626	0.665977551	Flow	317	0.005	0.005
Flow	318	0.012	0.012	0.72	9.464576	0.010516	0.01113144	0.667886378	Flow	318	0.005	0.005
Flow	319	0.013	0.013	0.78	9.57669	0.010641	0.011197175	0.671830491	Flow	319	0.005	0.005
Flow	320	0.013	0.013	0.78	9.684859	0.010761	0.011260234	0.675614028	Flow	320	0.005	0.005
Flow	321	0.013	0.013	0.78	9.789245	0.010877	0.011320754	0.679245243	Flow	321	0.005	0.005
Flow	322	0.013	0.013	0.78	9.89	0.010989	0.011378864	0.682731824	Flow	322	0.005	0.005
Flow	323	0.013	0.013	0.78	9.987268	0.011097	0.011434682	0.686080944	Flow	323	0.005	0.005
Flow	324	0.013	0.013	0.78	10.08119	0.011201	0.011488322	0.689299307	Flow	324	0.005	0.005
Flow	325	0.013	0.013	0.78	10.17189	0.011302	0.011539886	0.692393185	Flow	325	0.005	0.005
Flow	326	0.013	0.013	0.78	10.25949	0.011399	0.011589474	0.695368459	Flow	326	0.005	0.005
Flow	327	0.013	0.013	0.78	10.34413	0.011493	0.011637177	0.698230649	Flow	327	0.005	0.005
Flow	328	0.013	0.013	0.78	10.4259	0.011584	0.011683082	0.70098494	Flow	328	0.005	0.005
Flow	329	0.013	0.013	0.78	10.50491	0.011672	0.01172727	0.703636214	Flow	329	0.005	0.005
Flow	330	0.013	0.013	0.78	10.58127	0.011757	0.011769818	0.70618907	Flow	330	0.005	0.005
Flow	331	0.013	0.013	0.78	10.65509	0.011839	0.011810797	0.708647842	Flow	331	0.005	0.005
Flow	332	0.013	0.013	0.78	10.72644	0.011918	0.011850277	0.711016625	Flow	332	0.005	0.005
Flow	333	0.013	0.013	0.78	10.79542	0.011995	0.011888322	0.71329929	Flow	333	0.005	0.005
Flow	334	0.013	0.013	0.78	10.86212	0.012069	0.011924992	0.715499496	Flow	334	0.005	0.005
Flow	335	0.013	0.013	0.78	10.92662	0.012141	0.011960345	0.71762071	Flow	335	0.005	0.005
Flow	336	0.013	0.013	0.78	10.989	0.01221	0.011994437	0.719666217	Flow	336	0.006	0.006
Flow	337	0.014	0.014	0.84	11.10934	0.012344	0.01205993	0.723595799	Flow	337	0.006	0.006
Flow	338	0.014	0.014	0.84	11.22574	0.012473	0.012122948	0.727376858	Flow	338	0.006	0.006
Flow	339	0.014	0.014	0.84	11.33836	0.012598	0.012183608	0.731016486	0.000812 Flow	339	0.006	0.006
Flow	340	0.014	0.014	0.84	11.44735	0.012719	0.012242022	0.734521322	0.000816 Flow	340	0.006	0.006
Flow	341	0.014	0.014	0.84	11.55282	0.012836	0.012298293	0.737897593	0.00082 Flow	341	0.006	0.006
Flow	342	0.014	0.014	0.84	11.65493	0.01295	0.012352519	0.741151143	0.000824 Flow	342	0.006	0.006
Flow	343	0.014	0.014	0.84	11.75378	0.01306	0.012404791	0.744287468	0.000827 Flow	343	0.006	0.006
Flow	344	0.014	0.014	0.84	11.84949	0.013166	0.012455196	0.747311738	0.00083 Flow	344	0.006	0.006
Flow	345	0.014	0.014	0.84	11.94218	0.013269	0.012503814	0.75022883	0.000834 Flow	345	0.006	0.006
Flow	346	0.014	0.014	0.84	12.03195	0.013369	0.012550722	0.753043343	0.000837 Flow	346	0.006	0.006
Flow	347	0.014	0.014	0.84	12.1189	0.013465	0.012595994	0.755759622	0.00084 Flow	347	0.006	0.006
Flow	348	0.014	0.014	0.84	12.20315	0.013559	0.012639696	0.758381774	0.000843 Flow	348	0.006	0.006
Flow	349	0.014	0.014	0.84	12.28476	0.01365	0.012681895	0.760913688	0.000845 Flow	349	0.006	0.006
Flow	350	0.014	0.014	0.84	12.36385	0.013738	0.012722651	0.763359047	0.000848 Flow	350	0.006	0.006

Flow	351	0.014	0.014	0.84	12.44049	0.013823	0.012762022	0.765721344	0.000851	Flow	351	0.006	0.006
Flow	352	0.014	0.014	0.84	12.51477	0.013905	0.012800065	0.768003895	0.000853	Flow	352	0.006	0.006
Flow	353	0.014	0.014	0.84	12.58677	0.013985	0.012836831	0.770209848	0.000856	Flow	353	0.006	0.006
Flow	354	0.014	0.014	0.84	12.65656	0.014063	0.01287237	0.772342198	0.000858	Flow	354	0.006	0.006
Flow	355	0.014	0.014	0.84	12.72421	0.014138	0.01290673	0.77440379	0.00086	Flow	355	0.006	0.006
Flow	356	0.014	0.014	0.84	12.78981	0.014211	0.012939956	0.776397338	0.000863	Flow	356	0.006	0.006
Flow	357	0.014	0.014	0.84	12.85341	0.014282	0.01297209	0.778325424	0.000865	Flow	357	0.006	0.006
Flow	358	0.015	0.015	0.9	12.97509	0.014417	0.013033345	0.782000687	0.000869	Flow	358	0.006	0.006
Flow	359	0.015	0.015	0.9	13.09309	0.014548	0.013092475	0.785548513	0.000873	Flow	359	0.006	0.006
Flow	360	0.015	0.015	0.9	13.20754	0.014675	0.013149574	0.788974427	0.000877	Flow	360	0.006	0.006
Flow	361	0.015	0.015	0.9	13.31856	0.014798	0.013204727	0.792283637	0.00088	Flow	361	0.006	0.006
Flow	362	0.015	0.015	0.9	13.42628	0.014918	0.013258018	0.795481055	0.000884	Flow	362	0.006	0.006
Flow	363	0.015	0.015	0.9	13.5308	0.015034	0.013309522	0.798571325	0.000887	Flow	363	0.006	0.006
Flow	364	0.015	0.015	0.9	13.63223	0.015147	0.013359314	0.801558836	0.000891	Flow	364	0.006	0.006
Flow	365	0.015	0.015	0.9	13.73067	0.015256	0.013407462	0.804447742	0.000894	Flow	365	0.006	0.006
Flow	366	0.015	0.015	0.9	13.82622	0.015362	0.013454033	0.807241981	0.000897	Flow	366	0.006	0.006
Flow	367	0.015	0.015	0.9	13.91898	0.015466	0.013499088	0.809945286	0.0009	Flow	367	0.006	0.006
Flow	368	0.015	0.015	0.9	14.00903	0.015566	0.013542687	0.812561204	0.000903	Flow	368	0.006	0.006
Flow	369	0.015	0.015	0.9	14.09647	0.015663	0.013584885	0.8150931	0.000906	Flow	369	0.006	0.006
Flow	370	0.015	0.015	0.9	14.18138	0.015757	0.013625736	0.817544179	0.000908	Flow	370	0.006	0.006
Flow	371	0.015	0.015	0.9	14.26383	0.015849	0.013665291	0.819917488	0.000911	Flow	371	0.006	0.006
Flow	372	0.015	0.015	0.9	14.34392	0.015938	0.013703599	0.822215928	0.000914	Flow	372	0.006	0.006
Flow	373	0.015	0.015	0.9	14.4217	0.016024	0.013740704	0.824442267	0.000916	Flow	373	0.006	0.006
Flow	374	0.015	0.015	0.9	14.49726	0.016108	0.013776652	0.826599142	0.000918	Flow	374	0.006	0.006
Flow	375	0.015	0.015	0.9	14.57066	0.01619	0.013811485	0.82868907	0.000921	Flow	375	0.006	0.006
Flow	376	0.015	0.015	0.9	14.64197	0.016269	0.013845241	0.830714458	0.000923	Flow	376	0.006	0.006
Flow	377	0.016	0.016	0.96	14.77126	0.016413	0.013906232	0.834373915	0.000927	Flow	377	0.006	0.006
Flow	378	0.016	0.016	0.96	14.89688	0.016552	0.013965241	0.837914481	0.000931	Flow	378	0.006	0.006
Flow	379	0.016	0.016	0.96	15.01897	0.016688	0.01402235	0.841340986	0.000935	Flow	379	0.006	0.006
Flow	380	0.016	0.016	0.96	15.13763	0.01682	0.014077633	0.844658001	0.000939	Flow	380	0.007	0.007
Flow	381	0.016	0.016	0.96	15.25297	0.016948	0.014131164	0.847869854	0.000942	Flow	381	0.007	0.007
Flow	382	0.016	0.016	0.96	15.3651	0.017072	0.014183011	0.850980647	0.000946	Flow	382	0.007	0.007
Flow	383	0.016	0.016	0.96	15.47412	0.017193	0.014233238	0.853994275	0.000949	Flow	383	0.007	0.007
Flow	384	0.016	0.016	0.96	15.58012	0.017311	0.014281907	0.856914434	0.000952	Flow	384	0.007	0.007
Flow	385	0.016	0.016	0.96	15.68321	0.017426	0.014329077	0.859744638	0.000955	Flow	385	0.007	0.007
Flow	386	0.016	0.016	0.96	15.78347	0.017537	0.014374804	0.862488232	0.000958	Flow	386	0.007	0.007
Flow	387	0.016	0.016	0.96	15.88098	0.017646	0.01441914	0.865148397	0.000961	Flow	387	0.007	0.007
Flow	388	0.016	0.016	0.96	15.97583	0.017751	0.014462136	0.867728167	0.000964	Flow	388	0.007	0.007
Flow	389	0.016	0.016	0.96	16.0681	0.017853	0.014503841	0.870230435	0.000967	Flow	389	0.007	0.007
Flow	390	0.016	0.016	0.96	16.15787	0.017953	0.014544299	0.872657959	0.00097	Flow	390	0.007	0.007
Flow	391	0.016	0.016	0.96	16.24521	0.01805	0.014583556	0.875013375	0.000972	Flow	391	0.007	0.007
Flow	392	0.016	0.016	0.96	16.3302	0.018145	0.014621653	0.8772992	0.000975	Flow	392	0.007	0.007
Flow	393	0.016	0.016	0.96	16.4129	0.018237	0.014658631	0.879517841	0.000977	Flow	393	0.007	0.007
Flow	394	0.016	0.016	0.96	16.49338	0.018326	0.014694527	0.881671603	0.00098	Flow	394	0.007	0.007
Flow	395	0.017	0.017	1.02	16.63171	0.01848	0.014756019	0.88536113	0.000984	Flow	395	0.007	0.007

Flow	396	0.017	0.017	1.02	16.76635	0.018629	0.014815626	0.888937544	0.000988	Flow	396	0.007	0.007
Flow	397	0.017	0.017	1.02	16.89741	0.018775	0.01487342	0.89240519	0.000992	Flow	397	0.007	0.007
Flow	398	0.017	0.017	1.02	17.02501	0.018917	0.01492947	0.895768194	0.000995	Flow	398	0.007	0.007
Flow	399	0.017	0.017	1.02	17.14924	0.019055	0.014983841	0.899030473	0.000999	Flow	399	0.007	0.007
Flow	400	0.017	0.017	1.02	17.27021	0.019189	0.015036596	0.90219575	0.001002	Flow	400	0.007	0.007
Flow	401	0.017	0.017	1.02	17.38801	0.01932	0.015087793	0.905267568	0.001006	Flow	401	0.007	0.007
Flow	402	0.017	0.017	1.02	17.50274	0.019447	0.015137488	0.9082493	0.001009	Flow	402	0.007	0.007
Flow	403	0.017	0.017	1.02	17.61449	0.019572	0.015185736	0.91114416	0.001012	Flow	403	0.007	0.007
Flow	404	0.017	0.017	1.02	17.72335	0.019693	0.015232587	0.913955214	0.001016	Flow	404	0.007	0.007
Flow	405	0.017	0.017	1.02	17.8294	0.01981	0.01527809	0.916685388	0.001019	Flow	405	0.007	0.007
Flow	406	0.017	0.017	1.02	17.93271	0.019925	0.015322291	0.919337474	0.001021	Flow	406	0.007	0.007
Flow	407	0.017	0.017	1.02	18.03337	0.020037	0.015365236	0.921914143	0.001024	Flow	407	0.007	0.007
Flow	408	0.017	0.017	1.02	18.13146	0.020146	0.015406966	0.924417949	0.001027	Flow	408	0.007	0.007
Flow	409	0.017	0.017	1.02	18.22704	0.020252	0.015447522	0.926851333	0.00103	Flow	409	0.007	0.007
Flow	410	0.017	0.017	1.02	18.32019	0.020356	0.015486944	0.929216636	0.001032	Flow	410	0.007	0.007
Flow	411	0.017	0.017	1.02	18.41097	0.020457	0.015525268	0.931516098	0.001035	Flow	411	0.007	0.007
Flow	412	0.017	0.017	1.02	18.49946	0.020555	0.015562531	0.933751868	0.001038	Flow	412	0.007	0.007
Flow	413	0.017	0.017	1.02	18.5857	0.020651	0.015598767	0.935926005	0.00104	Flow	413	0.007	0.007
Flow	414	0.017	0.017	1.02	18.66978	0.020744	0.015634008	0.938040486	0.001042	Flow	414	0.007	0.007
Flow	415	0.017	0.017	1.02	18.75174	0.020835	0.015668287	0.94009721	0.001045	Flow	415	0.007	0.007
Flow	416	0.017	0.017	1.02	18.83164	0.020924	0.015701633	0.942097999	0.001047	Flow	416	0.007	0.007
Flow	417	0.018	0.018	1.08	18.96954	0.021077	0.015759019	0.945541146	0.001051	Flow	417	0.007	0.007
Flow	418	0.018	0.018	1.08	19.104	0.021227	0.015814772	0.948886295	0.001054	Flow	418	0.007	0.007
Flow	419	0.018	0.018	1.08	19.23512	0.021372	0.015868948	0.952136903	0.001058	Flow	419	0.007	0.007
Flow	420	0.018	0.018	1.08	19.36298	0.021514	0.015921604	0.955296269	0.001061	Flow	420	0.007	0.007
Flow	421	0.018	0.018	1.08	19.48768	0.021653	0.015972792	0.958367538	0.001065	Flow	421	0.007	0.007
Flow	422	0.018	0.018	1.08	19.60931	0.021788	0.016022562	0.961353713	0.001068	Flow	422	0.007	0.007
Flow	423	0.018	0.018	1.08	19.72796	0.02192	0.016070961	0.964257665	0.001071	Flow	423	0.007	0.007
Flow	424	0.018	0.018	1.08	19.8437	0.022049	0.016118036	0.967082139	0.001075	Flow	424	0.007	0.007
Flow	425	0.018	0.018	1.08	19.95662	0.022174	0.016163829	0.96982976	0.001078	Flow	425	0.007	0.007
Flow	426	0.018	0.018	1.08	20.06679	0.022296	0.016208384	0.972503041	0.001081	Flow	426	0.007	0.007
Flow	427	0.018	0.018	1.08	20.17429	0.022416	0.01625174	0.975104391	0.001083	Flow	427	0.007	0.007
Flow	428	0.018	0.018	1.08	20.27918	0.022532	0.016293935	0.977636117	0.001086	Flow	428	0.007	0.007
Flow	429	0.018	0.018	1.08	20.38155	0.022646	0.016335007	0.980100434	0.001089	Flow	429	0.007	0.007
Flow	430	0.018	0.018	1.08	20.48145	0.022757	0.016374991	0.982499465	0.001092	Flow	430	0.007	0.007
Flow	431	0.018	0.018	1.08	20.57895	0.022865	0.016413921	0.984835249	0.001094	Flow	431	0.007	0.007
Flow	432	0.018	0.018	1.08	20.67411	0.022971	0.016451829	0.987109746	0.001097	Flow	432	0.007	0.007
Flow	433	0.018	0.018	1.08	20.767	0.023074	0.016488747	0.989324838	0.001099	Flow	433	0.007	0.007
Flow	434	0.018	0.018	1.08	20.85768	0.023175	0.016524706	0.991482334	0.001102	Flow	434	0.007	0.007
Flow	435	0.018	0.018	1.08	20.9462	0.023274	0.016559733	0.993583977	0.001104	Flow	435	0.007	0.007
Flow	436	0.018	0.018	1.08	21.03261	0.02337	0.016593857	0.995631442	0.001106	Flow	436	0.007	0.007
Flow	437	0.019	0.019	1.14	21.17698	0.02353	0.01665071	0.999042622	0.00111	Flow	437	0.008	0.008
Flow	438	0.019	0.019	1.14	21.31794	0.023687	0.016706033	1.002362002	0.001114	Flow	438	0.008	0.008
Flow	439	0.019	0.019	1.14	21.45558	0.02384	0.016759877	1.005592641	0.001117	Flow	439	0.008	0.008
Flow	440	0.019	0.019	1.14	21.58998	0.023989	0.016812291	1.008737465	0.001121	Flow	440	0.008	0.008

Flow	441	0.019	0.019	1.14	21.72125	0.024135	0.016863321	1.011799274	0.001124	Flow	441	0.008	0.008
Flow	442	0.019	0.019	1.14	21.84945	0.024277	0.016913012	1.014780746	0.001128	Flow	442	0.008	0.008
Flow	443	0.019	0.019	1.14	21.97467	0.024416	0.016961407	1.017684448	0.001131	Flow	443	0.008	0.008
Flow	444	0.019	0.019	1.14	22.09698	0.024552	0.017008547	1.020512839	0.001134	Flow	444	0.008	0.008
Flow	445	0.019	0.019	1.14	22.21647	0.024685	0.017054471	1.023268278	0.001137	Flow	445	0.008	0.008
Flow	446	0.019	0.019	1.14	22.3332	0.024815	0.017099217	1.025953029	0.00114	Flow	446	0.008	0.008
Flow	447	0.019	0.019	1.14	22.44725	0.024941	0.017142821	1.028569265	0.001143	Flow	447	0.008	0.008
Flow	448	0.019	0.019	1.14	22.55868	0.025065	0.017185318	1.031119073	0.001146	Flow	448	0.008	0.008
Flow	449	0.019	0.019	1.14	22.66756	0.025186	0.017226741	1.033604459	0.001148	Flow	449	0.008	0.008
Flow	450	0.019	0.019	1.14	22.77395	0.025304	0.017267123	1.036027353	0.001151	Flow	450	0.008	0.008
Flow	451	0.019	0.019	1.14	22.87793	0.02542	0.017306493	1.038389609	0.001154	Flow	451	0.008	0.008
Flow	452	0.019	0.019	1.14	22.97954	0.025533	0.017344884	1.040693015	0.001156	Flow	452	0.008	0.008
Flow	453	0.019	0.019	1.14	23.07884	0.025643	0.017382321	1.042939289	0.001159	Flow	453	0.008	0.008
Flow	454	0.019	0.019	1.14	23.17591	0.025751	0.017418835	1.045130088	0.001161	Flow	454	0.008	0.008
Flow	455	0.02	0.02	1.2	23.33077	0.025923	0.017476937	1.048616245	0.001165	Flow	455	0.008	0.008
Flow	456	0.02	0.02	1.2	23.48216	0.026091	0.017533546	1.052012763	0.001169	Flow	456	0.008	0.008
Flow	457	0.02	0.02	1.2	23.63015	0.026256	0.017588708	1.055322509	0.001173	Flow	457	0.008	0.008
Flow	458	0.02	0.02	1.2	23.77482	0.026416	0.01764247	1.058548228	0.001176	Flow	458	0.008	0.008
Flow	459	0.02	0.02	1.2	23.91628	0.026574	0.017694876	1.061692551	0.00118	Flow	459	0.008	0.008
Flow	460	0.02	0.02	1.2	24.05458	0.026727	0.017745967	1.064758001	0.001183	Flow	460	0.008	0.008
Flow	461	0.02	0.02	1.2	24.18982	0.026878	0.017795783	1.067746999	0.001186	Flow	461	0.008	0.008
Flow	462	0.02	0.02	1.2	24.32208	0.027025	0.017844364	1.070661866	0.00119	Flow	462	0.008	0.008
Flow	463	0.02	0.02	1.2	24.45142	0.027168	0.017891747	1.073504835	0.001193	Flow	463	0.008	0.008
Flow	464	0.02	0.02	1.2	24.57791	0.027309	0.017937967	1.076278048	0.001196	Flow	464	0.008	0.008
Flow	465	0.02	0.02	1.2	24.70163	0.027446	0.017983059	1.078983568	0.001199	Flow	465	0.008	0.008
Flow	466	0.02	0.02	1.2	24.82265	0.027581	0.018027056	1.081623378	0.001202	Flow	466	0.008	0.008
Flow	467	0.02	0.02	1.2	24.94103	0.027712	0.01806999	1.084199385	0.001205	Flow	467	0.008	0.008
Flow	468	0.02	0.02	1.2	25.05683	0.027841	0.01811189	1.086713426	0.001207	Flow	468	0.008	0.008
Flow	469	0.02	0.02	1.2	25.17011	0.027967	0.018152788	1.089167273	0.00121	Flow	469	0.008	0.008
Flow	470	0.02	0.02	1.2	25.28095	0.02809	0.01819271	1.091562629	0.001213	Flow	470	0.008	0.008
Flow	471	0.02	0.02	1.2	25.38938	0.02821	0.018231686	1.09390114	0.001215	Flow	471	0.008	0.008
Flow	472	0.02	0.02	1.2	25.49548	0.028328	0.01826974	1.096184391	0.001218	Flow	472	0.008	0.008
Flow	473	0.02	0.02	1.2	25.5993	0.028444	0.018306899	1.098413912	0.00122	Flow	473	0.008	0.008
Flow	474	0.02	0.02	1.2	25.70088	0.028557	0.018343186	1.100591181	0.001223	Flow	474	0.008	0.008
Flow	475	0.02	0.02	1.2	25.80029	0.028667	0.018378627	1.102717623	0.001225	Flow	475	0.008	0.008
Flow	476	0.02	0.02	1.2	25.89757	0.028775	0.018413244	1.104794616	0.001228	Flow	476	0.008	0.008
Flow	477	0.02	0.02	1.2	25.99278	0.028881	0.018447058	1.106823491	0.00123	Flow	477	0.008	0.008
Flow	478	0.02	0.02	1.2	26.08596	0.028984	0.018480092	1.108805536	0.001232	Flow	478	0.008	0.008
Flow	479	0.02	0.02	1.2	26.17715	0.029086	0.018512367	1.110741993	0.001234	Flow	479	0.008	0.008
Flow	480	0.02	0.02	1.2	26.26641	0.029185	0.018543901	1.112634068	0.001236	Flow	480	0.008	0.008
Flow	481	0.021	0.021	1.26	26.41378	0.029349	0.018595848	1.115750882	0.00124	Flow	481	0.008	0.008
Flow	482	0.021	0.021	1.26	26.55802	0.029509	0.018646556	1.118793365	0.001243	Flow	482	0.008	0.008
Flow	483	0.021	0.021	1.26	26.69923	0.029666	0.018696061	1.121763684	0.001246	Flow	483	0.008	0.008
Flow	484	0.021	0.021	1.26	26.83747	0.029819	0.018744399	1.124663923	0.00125	Flow	484	0.008	0.008
Flow	485	0.021	0.021	1.26	26.9728	0.02997	0.018791601	1.127496086	0.001253	Flow	485	0.008	0.008

Flow	486	0.021	0.021	1.26	27.10531	0.030117	0.018837702	1.130262106	0.001256	Flow	486	0.008	0.008
Flow	487	0.021	0.021	1.26	27.23505	0.030261	0.018882731	1.132963842	0.001259	Flow	487	0.008	0.008
Flow	488	0.021	0.021	1.26	27.36208	0.030402	0.018926718	1.135603087	0.001262	Flow	488	0.009	0.009
Flow	489	0.021	0.021	1.26	27.48648	0.030541	0.018969693	1.13818157	0.001265	Flow	489	0.009	0.009
Flow	490	0.021	0.021	1.26	27.6083	0.030676	0.019011683	1.140700958	0.001267	Flow	490	0.009	0.009
Flow	491	0.021	0.021	1.26	27.7276	0.030808	0.019052714	1.14316286	0.00127	Flow	491	0.009	0.009
Flow	492	0.021	0.021	1.26	27.84443	0.030938	0.019092814	1.145568829	0.001273	Flow	492	0.009	0.009
Flow	493	0.021	0.021	1.26	27.95886	0.031065	0.019132006	1.147920365	0.001275	Flow	493	0.009	0.009
Flow	494	0.021	0.021	1.26	28.07094	0.03119	0.019170315	1.150218918	0.001278	Flow	494	0.009	0.009
Flow	495	0.021	0.021	1.26	28.18072	0.031312	0.019207765	1.152465886	0.001281	Flow	495	0.009	0.009
Flow	496	0.021	0.021	1.26	28.28826	0.031431	0.019244377	1.154662625	0.001283	Flow	496	0.009	0.009
Flow	497	0.022	0.022	1.32	28.4536	0.031615	0.019300534	1.158032058	0.001287	Flow	497	0.009	0.009
Flow	498	0.022	0.022	1.32	28.61556	0.031795	0.019355389	1.161323345	0.00129	Flow	498	0.009	0.009
Flow	499	0.022	0.022	1.32	28.77424	0.031971	0.019408979	1.16453873	0.001294	Flow	499	0.009	0.009
Flow	500	0.022	0.022	1.32	28.9297	0.032144	0.01946134	1.167680374	0.001297	Flow	500	0.009	0.009
Flow	501	0.022	0.022	1.32	29.08202	0.032313	0.019512506	1.170750352	0.001301	Flow	501	0.009	0.009
Flow	502	0.022	0.022	1.32	29.23127	0.032479	0.019562511	1.173750667	0.001304	Flow	502	0.009	0.009
Flow	503	0.022	0.022	1.32	29.37752	0.032642	0.019611387	1.176683247	0.001307	Flow	503	0.01	0.01
Flow	504	0.022	0.022	1.32	29.52084	0.032801	0.019659166	1.17954995	0.001311	Flow	504	0.01	0.01
Flow	505	0.022	0.022	1.32	29.66129	0.032957	0.019705876	1.182352568	0.001314	Flow	505	0.01	0.01
Flow	506	0.023	0.023	1.38	29.85893	0.033177	0.019771422	1.18628532	0.001318	Flow	506	0.01	0.01
Flow	507	0.023	0.023	1.38	30.05265	0.033392	0.019835453	1.190127208	0.001322	Flow	507	0.01	0.01
Flow	508	0.023	0.023	1.38	30.24252	0.033603	0.019898015	1.193880903	0.001327	Flow	508	0.01	0.01
Flow	509	0.023	0.023	1.38	30.42864	0.03381	0.01995915	1.19754897	0.001331	Flow	509	0.01	0.01
Flow	510	0.023	0.023	1.38	30.61109	0.034012	0.020018898	1.201133874	0.001335	Flow	510	0.01	0.01
Flow	511	0.023	0.023	1.38	30.78996	0.034211	0.0200773	1.204637983	0.001338	Flow	511	0.01	0.01
Flow	512	0.023	0.023	1.38	30.96532	0.034406	0.020134393	1.208063578	0.001342	Flow	512	0.01	0.01
Flow	513	0.024	0.024	1.44	31.19726	0.034664	0.020209658	1.212579456	0.001347	Flow	513	0.01	0.01
Flow	514	0.024	0.024	1.44	31.42468	0.034916	0.020283186	1.216991137	0.001352	Flow	514	0.01	0.01
Flow	515	0.024	0.024	1.44	31.64769	0.035164	0.020355029	1.221301762	0.001357	Flow	515	0.01	0.01
Flow	516	0.024	0.024	1.44	31.86638	0.035407	0.020425239	1.22551434	0.001362	Flow	516	0.011	0.011
Flow	517	0.024	0.024	1.44	32.08087	0.035645	0.020493863	1.229631758	0.001366	Flow	517	0.011	0.011
Flow	518	0.025	0.025	1.5	32.35124	0.035946	0.02058004	1.234802376	0.001372	Flow	518	0.011	0.011
Flow	519	0.025	0.025	1.5	32.61644	0.03624	0.020664219	1.239853161	0.001378	Flow	519	0.011	0.011
Flow	520	0.025	0.025	1.5	32.87658	0.03653	0.020746464	1.24478784	0.001383	Flow	520	0.011	0.011
Flow	521	0.025	0.025	1.5	33.1318	0.036813	0.020826833	1.249609978	0.001388	Flow	521	0.011	0.011
Flow	522	0.025	0.025	1.5	33.38219	0.037091	0.020905383	1.254322988	0.001394	Flow	522	0.011	0.011
Flow	523	0.025	0.025	1.5	33.62786	0.037364	0.020982169	1.258930137	0.001399	Flow	523	0.011	0.011
Flow	524	0.026	0.026	1.56	33.92893	0.037699	0.021075886	1.264553173	0.001405	Flow	524	0.011	0.011
Flow	525	0.026	0.026	1.56	34.22438	0.038027	0.02116745	1.270046986	0.001411	Flow	525	0.011	0.011
Flow	526	0.026	0.026	1.56	34.51433	0.038349	0.021256927	1.275415633	0.001417	Flow	526	0.011	0.011
Flow	527	0.026	0.026	1.56	34.79892	0.038665	0.021344383	1.280662993	0.001423	Flow	527	0.012	0.012
Flow	528	0.026	0.026	1.56	35.07825	0.038976	0.02142988	1.285792772	0.001429	Flow	528	0.012	0.012
Flow	529	0.027	0.027	1.62	35.41246	0.039347	0.021531724	1.291903432	0.001435	Flow	529	0.012	0.012
Flow	530	0.027	0.027	1.62	35.74056	0.039712	0.02163124	1.297874379	0.001442	Flow	530	0.012	0.012

Flow	531	0.027	0.027	1.62	36.06268	0.04007	0.021728501	1.303710057	0.001449	Flow	531	0.012	0.012
Flow	532	0.027	0.027	1.62	36.37897	0.040421	0.021823579	1.30941471	0.001455	Flow	532	0.012	0.012
Flow	533	0.027	0.027	1.62	36.68956	0.040766	0.02191654	1.314992391	0.001461	Flow	533	0.012	0.012
Flow	534	0.028	0.028	1.68	37.05457	0.041172	0.022025289	1.321517331	0.001468	Flow	534	0.012	0.012
Flow	535	0.028	0.028	1.68	37.41305	0.04157	0.022131574	1.327894424	0.001475	Flow	535	0.012	0.012
Flow	536	0.028	0.028	1.68	37.76515	0.041961	0.022235473	1.3341284	0.001482	Flow	536	0.012	0.012
Flow	537	0.028	0.028	1.68	38.11103	0.042346	0.022337063	1.340223773	0.001489	Flow	537	0.012	0.012
Flow	538	0.028	0.028	1.68	38.4508	0.042723	0.022436414	1.346184852	0.001496	Flow	538	0.012	0.012
Flow	539	0.028	0.028	1.68	38.78462	0.043094	0.022533596	1.352015755	0.001502	Flow	539	0.012	0.012
Flow	540	0.029	0.029	1.74	39.1726	0.043525	0.022646024	1.358761413	0.00151	Flow	540	0.012	0.012
Flow	541	0.029	0.029	1.74	39.55384	0.043949	0.022755955	1.365357324	0.001517	Flow	541	0.013	0.013
Flow	542	0.029	0.029	1.74	39.92848	0.044365	0.02286347	1.371808222	0.001524	Flow	542	0.013	0.013
Flow	543	0.029	0.029	1.74	40.29667	0.044774	0.022968644	1.378118623	0.001531	Flow	543	0.013	0.013
Flow	544	0.029	0.029	1.74	40.65856	0.045176	0.023071547	1.38429284	0.001538	Flow	544	0.013	0.013
Flow	545	0.029	0.029	1.74	41.01426	0.045571	0.02317225	1.390334995	0.001545	Flow	545	0.013	0.013
Flow	546	0.03	0.03	1.8	41.42393	0.046027	0.023287689	1.397261322	0.001553	Flow	546	0.013	0.013
Flow	547	0.03	0.03	1.8	41.82667	0.046474	0.023400621	1.404037236	0.00156	Flow	547	0.013	0.013
Flow	548	0.03	0.03	1.8	42.22263	0.046914	0.023511124	1.410667419	0.001567	Flow	548	0.013	0.013
Flow	549	0.03	0.03	1.8	42.61196	0.047347	0.023619272	1.417156339	0.001575	Flow	549	0.013	0.013
Flow	550	0.03	0.03	1.8	42.99481	0.047772	0.023725138	1.423508266	0.001582	Flow	550	0.013	0.013
Flow	551	0.031	0.031	1.86	43.4313	0.048257	0.023845265	1.430715887	0.00159	Flow	551	0.013	0.013
Flow	552	0.031	0.031	1.86	43.86058	0.048734	0.023962821	1.43776925	0.001598	Flow	552	0.013	0.013
Flow	553	0.031	0.031	1.86	44.28281	0.049203	0.024077885	1.44467313	0.001605	Flow	553	0.013	0.013
Flow	554	0.031	0.031	1.86	44.69814	0.049665	0.024190535	1.451432087	0.001613	Flow	554	0.013	0.013
Flow	555	0.031	0.031	1.86	45.10671	0.050119	0.024300841	1.458050479	0.00162	Flow	555	0.013	0.013
Flow	556	0.032	0.032	1.92	45.56866	0.050632	0.02442496	1.465497598	0.001628	Flow	556	0.013	0.013
Flow	557	0.032	0.032	1.92	46.02316	0.051137	0.024546465	1.472787911	0.001636	Flow	557	0.013	0.013
Flow	558	0.032	0.032	1.92	46.47037	0.051634	0.024665437	1.479926233	0.001644	Flow	558	0.013	0.013
Flow	559	0.032	0.032	1.92	46.91044	0.052123	0.024781953	1.486917161	0.001652	Flow	559	0.013	0.013
Flow	560	0.032	0.032	1.92	47.34353	0.052604	0.024896085	1.493765091	0.00166	Flow	560	0.013	0.013
Flow	561	0.032	0.032	1.92	47.76976	0.053078	0.025007904	1.500474226	0.001667	Flow	561	0.013	0.013
Flow	562	0.032	0.032	1.92	48.18929	0.053544	0.025117476	1.507048589	0.001674	Flow	562	0.013	0.013
Flow	563	0.032	0.032	1.92	48.60224	0.054002	0.025224867	1.513492036	0.001682	Flow	563	0.013	0.013
Flow	564	0.033	0.033	1.98	49.06875	0.054521	0.025345638	1.520738306	0.00169	Flow	564	0.013	0.013
Flow	565	0.033	0.033	1.98	49.52801	0.055031	0.025463974	1.527838449	0.001698	Flow	565	0.013	0.013
Flow	566	0.033	0.033	1.98	49.98017	0.055534	0.025579946	1.534796737	0.001705	Flow	566	0.013	0.013
Flow	567	0.033	0.033	1.98	50.42537	0.056028	0.025693621	1.541617258	0.001713	Flow	567	0.013	0.013
Flow	568	0.033	0.033	1.98	50.86376	0.056515	0.025805066	1.54830393	0.00172	Flow	568	0.013	0.013
Flow	569	0.033	0.033	1.98	51.29545	0.056995	0.025914342	1.554860509	0.001728	Flow	569	0.013	0.013
Flow	570	0.033	0.033	1.98	51.72059	0.057467	0.02602151	1.561290598	0.001735	Flow	570	0.013	0.013
Flow	571	0.033	0.033	1.98	52.1393	0.057933	0.026126628	1.567597653	0.001742	Flow	571	0.013	0.013
Flow	572	0.033	0.033	1.98	52.5517	0.058391	0.02622975	1.573784998	0.001749	Flow	572	0.013	0.013
Flow	573	0.033	0.033	1.98	52.95792	0.058842	0.02633093	1.579855823	0.001755	Flow	573	0.013	0.013
Flow	574	0.033	0.033	1.98	53.35806	0.059287	0.02643022	1.585813198	0.001762	Flow	574	0.013	0.013
Flow	575	0.033	0.033	1.98	53.75225	0.059725	0.026527668	1.591660078	0.001769	Flow	575	0.013	0.013

Flow	576	0.033	0.033	1.98	54.14059	0.060156	0.026623322	1.597399306	0.001775	Flow	576	0.013	0.013
Flow	577	0.033	0.033	1.98	54.52319	0.060581	0.026717227	1.603033619	0.001781	Flow	577	0.013	0.013
Flow	578	0.033	0.033	1.98	54.90016	0.061	0.026809428	1.608565659	0.001787	Flow	578	0.013	0.013
Flow	579	0.033	0.033	1.98	55.27159	0.061413	0.026899966	1.613997969	0.001793	Flow	579	0.013	0.013
Flow	580	0.033	0.033	1.98	55.63759	0.06182	0.026988883	1.619333005	0.001799	Flow	580	0.014	0.014
Flow	581	0.033	0.033	1.98	55.99826	0.06222	0.027076219	1.624573135	0.001805	Flow	581	0.014	0.014
Flow	582	0.034	0.034	2.04	56.41369	0.062682	0.027176467	1.630588003	0.001812	Flow	582	0.014	0.014
Flow	583	0.034	0.034	2.04	56.8231	0.063137	0.027274903	1.636494154	0.001818	Flow	583	0.014	0.014
Flow	584	0.034	0.034	2.04	57.22661	0.063585	0.027371572	1.64229432	0.001825	Flow	584	0.014	0.014
Flow	585	0.034	0.034	2.04	57.62431	0.064027	0.027466519	1.647991136	0.001831	Flow	585	0.014	0.014
Flow	586	0.034	0.034	2.04	58.01632	0.064463	0.027559786	1.653587144	0.001837	Flow	586	0.014	0.014
Flow	587	0.034	0.034	2.04	58.40273	0.064892	0.027651413	1.659084794	0.001843	Flow	587	0.014	0.014
Flow	588	0.034	0.034	2.04	58.78365	0.065315	0.027741441	1.664486455	0.001849	Flow	588	0.014	0.014
Flow	589	0.034	0.034	2.04	59.15916	0.065732	0.027829907	1.669794412	0.001855	Flow	589	0.014	0.014
Flow	590	0.034	0.034	2.04	59.52937	0.066144	0.027916848	1.675010875	0.001861	Flow	590	0.015	0.015
Flow	591	0.034	0.034	2.04	59.89436	0.066549	0.0280023	1.680137979	0.001867	Flow	591	0.015	0.015
Flow	592	0.035	0.035	2.1	60.31422	0.067016	0.028100277	1.686016615	0.001873	Flow	592	0.015	0.015
Flow	593	0.035	0.035	2.1	60.7282	0.067476	0.028196549	1.691792942	0.00188	Flow	593	0.015	0.015
Flow	594	0.035	0.035	2.1	61.13641	0.067929	0.028291157	1.697469424	0.001886	Flow	594	0.015	0.015
Flow	595	0.035	0.035	2.1	61.53894	0.068377	0.028384141	1.703048443	0.001892	Flow	595	0.015	0.015
Flow	596	0.035	0.035	2.1	61.93589	0.068818	0.028475538	1.708532297	0.001898	Flow	596	0.015	0.015
Flow	597	0.035	0.035	2.1	62.32736	0.069253	0.028565387	1.713923207	0.001904	Flow	597	0.016	0.016
Flow	598	0.036	0.036	2.16	62.77344	0.069748	0.028667426	1.720045545	0.001911	Flow	598	0.016	0.016
Flow	599	0.036	0.036	2.16	63.21339	0.070237	0.02876771	1.726062584	0.001918	Flow	599	0.016	0.016
Flow	600	0.036	0.036	2.16	63.64733	0.070719	0.028866281	1.731976854	0.001924	Flow	600	0.016	0.016
Flow	601	0.036	0.036	2.16	64.07535	0.071195	0.02896318	1.737790798	0.001931	Flow	601	0.016	0.016
Flow	602	0.037	0.037	2.22	64.55756	0.071731	0.029071959	1.744317552	0.001938	Flow	602	0.016	0.016
Flow	603	0.037	0.037	2.22	65.03324	0.072259	0.029178869	1.750732125	0.001945	Flow	603	0.016	0.016
Flow	604	0.037	0.037	2.22	65.50251	0.072781	0.029283954	1.757037251	0.001952	Flow	604	0.016	0.016
Flow	605	0.037	0.037	2.22	65.96547	0.073295	0.029387259	1.763235567	0.001959	Flow	605	0.016	0.016
Flow	606	0.038	0.038	2.28	66.48224	0.073869	0.029502143	1.770128567	0.001967	Flow	606	0.017	0.017
Flow	607	0.038	0.038	2.28	66.99211	0.074436	0.029615057	1.776903415	0.001974	Flow	607	0.017	0.017
Flow	608	0.038	0.038	2.28	67.4952	0.074995	0.02972605	1.783563302	0.001982	Flow	608	0.017	0.017
Flow	609	0.039	0.039	2.34	68.05164	0.075613	0.029848331	1.790899862	0.00199	Flow	609	0.017	0.017
Flow	610	0.039	0.039	2.34	68.60074	0.076223	0.02996851	1.798110619	0.001998	Flow	610	0.017	0.017
Flow	611	0.039	0.039	2.34	69.14263	0.076825	0.030086641	1.805198446	0.002006	Flow	611	0.017	0.017
Flow	612	0.039	0.039	2.34	69.67743	0.077419	0.030202773	1.812166385	0.002014	Flow	612	0.018	0.018
Flow	613	0.04	0.04	2.4	70.26527	0.078073	0.030329908	1.8197945	0.002022	Flow	613	0.018	0.018
Flow	614	0.04	0.04	2.4	70.84547	0.078717	0.030454873	1.827292402	0.00203	Flow	614	0.018	0.018
Flow	615	0.04	0.04	2.4	71.41818	0.079354	0.030577723	1.834663358	0.002039	Flow	615	0.018	0.018
Flow	616	0.041	0.041	2.46	72.04352	0.080048	0.0307113	1.842677997	0.002047	Flow	616	0.018	0.018
Flow	617	0.041	0.041	2.46	72.66084	0.080734	0.030842598	1.850555869	0.002056	Flow	617	0.019	0.019
Flow	618	0.041	0.041	2.46	73.27028	0.081411	0.030971674	1.85830045	0.002065	Flow	618	0.019	0.019
Flow	619	0.042	0.042	2.52	73.93198	0.082147	0.031111212	1.86667269	0.002074	Flow	619	0.019	0.019
Flow	620	0.042	0.042	2.52	74.58531	0.082873	0.031248372	1.874902321	0.002083	Flow	620	0.019	0.019

Flow	621	0.042	0.042	2.52	75.23041	0.083589	0.031383217	1.882992997	0.002092	Flow	621	0.019	0.019
Flow	622	0.043	0.043	2.58	75.92741	0.084364	0.031528264	1.891695816	0.002102	Flow	622	0.019	0.019
Flow	623	0.043	0.043	2.58	76.61572	0.085129	0.031670848	1.900250859	0.002111	Flow	623	0.02	0.02
Flow	624	0.044	0.044	2.64	77.35547	0.085951	0.031823376	1.909402585	0.002122	Flow	624	0.02	0.02
Flow	625	0.044	0.044	2.64	78.08606	0.086762	0.031973304	1.91839824	0.002132	Flow	625	0.02	0.02
Flow	626	0.044	0.044	2.64	78.80767	0.087564	0.032120699	1.927241919	0.002141	Flow	626	0.02	0.02
Flow	627	0.045	0.045	2.7	79.58042	0.088423	0.032277796	1.93666777	0.002152	Flow	627	0.02	0.02
Flow	628	0.045	0.045	2.7	80.34376	0.089271	0.03243223	1.945933823	0.002162	Flow	628	0.02	0.02
Flow	629	0.046	0.046	2.76	81.15782	0.090175	0.032596123	1.955767359	0.002173	Flow	629	0.021	0.021
Flow	630	0.046	0.046	2.76	81.96206	0.091069	0.03275723	1.965433799	0.002184	Flow	630	0.021	0.021
Flow	631	0.046	0.046	2.76	82.75662	0.091952	0.032915627	1.974937591	0.002194	Flow	631	0.021	0.021
Flow	632	0.047	0.047	2.82	83.60168	0.092891	0.033083257	1.984995436	0.002206	Flow	632	0.021	0.021
Flow	633	0.047	0.047	2.82	84.43669	0.093819	0.033248063	1.994883766	0.002217	Flow	633	0.021	0.021
Flow	634	0.048	0.048	2.88	85.3218	0.094802	0.033421872	2.005312295	0.002228	Flow	634	0.022	0.022
Flow	635	0.048	0.048	2.88	86.19649	0.095774	0.033592749	2.015564946	0.00224	Flow	635	0.022	0.022
Flow	636	0.049	0.049	2.94	87.12093	0.096801	0.033772405	2.026344328	0.002251	Flow	636	0.022	0.022
Flow	637	0.049	0.049	2.94	88.03458	0.097816	0.033949033	2.036941967	0.002263	Flow	637	0.022	0.022
Flow	638	0.049	0.049	2.94	88.93764	0.09882	0.034122713	2.047362778	0.002275	Flow	638	0.023	0.023
Flow	639	0.05	0.05	3	89.89028	0.099878	0.034304975	2.058298524	0.002287	Flow	639	0.023	0.023
Flow	640	0.05	0.05	3	90.83198	0.100924	0.034484199	2.069051927	0.002299	Flow	640	0.023	0.023
Flow	641	0.051	0.051	3.06	91.82293	0.102025	0.034671794	2.080307661	0.002311	Flow	641	0.023	0.023
Flow	642	0.051	0.051	3.06	92.80262	0.103114	0.034856267	2.091375997	0.002324	Flow	642	0.024	0.024
Flow	643	0.052	0.052	3.12	93.83124	0.104257	0.035048908	2.10293446	0.002337	Flow	643	0.024	0.024
Flow	644	0.052	0.052	3.12	94.84831	0.105387	0.035238349	2.114300917	0.002349	Flow	644	0.024	0.024
Flow	645	0.053	0.053	3.18	95.91401	0.106571	0.035435762	2.126145696	0.002362	Flow	645	0.024	0.024
Flow	646	0.053	0.053	3.18	96.96786	0.107742	0.035629905	2.13779429	0.002375	Flow	646	0.025	0.025
Flow	647	0.054	0.054	3.24	98.07007	0.108967	0.03583183	2.149909804	0.002389	Flow	647	0.025	0.025
Flow	648	0.054	0.054	3.24	99.16016	0.110178	0.036030423	2.161825361	0.002402	Flow	648	0.025	0.025
Flow	649	0.055	0.055	3.3	100.2983	0.111443	0.036236614	2.174196834	0.002416	Flow	649	0.026	0.026
Flow	650	0.056	0.056	3.36	101.4841	0.11276	0.036450193	2.187011573	0.00243	Flow	650	0.026	0.026
Flow	651	0.056	0.056	3.36	102.6571	0.114063	0.03666024	2.199614375	0.002444	Flow	651	0.026	0.026
Flow	652	0.057	0.057	3.42	103.8775	0.115419	0.036877504	2.212650231	0.002459	Flow	652	0.026	0.026
Flow	653	0.057	0.057	3.42	105.0849	0.116761	0.037091195	2.225471702	0.002473	Flow	653	0.027	0.027
Flow	654	0.058	0.058	3.48	106.3394	0.118155	0.03731194	2.238716398	0.002487	Flow	654	0.027	0.027
Flow	655	0.059	0.059	3.54	107.6407	0.119601	0.03753954	2.252372423	0.002503	Flow	655	0.027	0.027
Flow	656	0.059	0.059	3.54	108.9283	0.121031	0.037763402	2.265804126	0.002518	Flow	656	0.028	0.028
Flow	657	0.06	0.06	3.6	110.2625	0.122514	0.037993969	2.279638115	0.002533	Flow	657	0.028	0.028
Flow	658	0.061	0.061	3.66	111.6429	0.124048	0.03823105	2.293862981	0.002549	Flow	658	0.028	0.028
Flow	659	0.061	0.061	3.66	113.009	0.125566	0.038464249	2.307854932	0.002564	Flow	659	0.029	0.029
Flow	660	0.062	0.062	3.72	114.4211	0.127135	0.038703825	2.322229486	0.00258	Flow	660	0.029	0.029
Flow	661	0.063	0.063	3.78	115.8789	0.128754	0.038949595	2.336975727	0.002597	Flow	661	0.029	0.029
Flow	662	0.063	0.063	3.78	117.3219	0.130358	0.039191362	2.351481727	0.002613	Flow	662	0.03	0.03
Flow	663	0.064	0.064	3.84	118.8105	0.132012	0.039439198	2.366351883	0.002629	Flow	663	0.03	0.03
Flow	664	0.065	0.065	3.9	120.3441	0.133716	0.03969293	2.381575773	0.002646	Flow	664	0.03	0.03
Flow	665	0.066	0.066	3.96	121.9225	0.135469	0.039952386	2.397143179	0.002663	Flow	665	0.031	0.031

Flow	666	0.066	0.066	3.96	123.4854	0.137206	0.040207635	2.412458077	0.002681	Flow	666	0.031	0.031
Flow	667	0.067	0.067	4.02	125.0929	0.138992	0.040468501	2.428110082	0.002698	Flow	667	0.032	0.032
Flow	668	0.068	0.068	4.08	126.7448	0.140828	0.040734824	2.444089466	0.002716	Flow	668	0.032	0.032
Flow	669	0.069	0.069	4.14	128.4407	0.142712	0.041006445	2.460386715	0.002734	Flow	669	0.033	0.033
Flow	670	0.069	0.069	4.14	130.1203	0.144578	0.041273694	2.476421644	0.002752	Flow	670	0.033	0.033
Flow	671	0.07	0.07	4.2	131.8439	0.146493	0.041546151	2.492769069	0.00277	Flow	671	0.034	0.034
Flow	672	0.071	0.071	4.26	133.6111	0.148457	0.041823666	2.50941995	0.002788	Flow	672	0.035	0.035
Flow	673	0.072	0.072	4.32	135.4217	0.150469	0.042106091	2.526365455	0.002807	Flow	673	0.035	0.035
Flow	674	0.073	0.073	4.38	137.2754	0.152528	0.042393283	2.543596966	0.002826	Flow	674	0.036	0.036
Flow	675	0.074	0.074	4.44	139.1718	0.154635	0.042685101	2.56110608	0.002846	Flow	675	0.037	0.037
Flow	676	0.075	0.075	4.5	141.1107	0.15679	0.04298141	2.578884604	0.002865	Flow	676	0.037	0.037
Flow	677	0.076	0.076	4.56	143.0918	0.158991	0.043282076	2.596924562	0.002885	Flow	677	0.038	0.038
Flow	678	0.077	0.077	4.62	145.1148	0.161239	0.04358697	2.615218187	0.002906	Flow	678	0.039	0.039
Flow	679	0.078	0.078	4.68	147.1796	0.163533	0.043895965	2.633757924	0.002926	Flow	679	0.04	0.04
Flow	680	0.079	0.079	4.74	149.2859	0.165873	0.04420894	2.652536426	0.002947	Flow	680	0.04	0.04
Flow	681	0.08	0.08	4.8	151.4333	0.168259	0.044525776	2.671546552	0.002968	Flow	681	0.041	0.041
Flow	682	0.082	0.082	4.92	153.6818	0.170758	0.044855113	2.691306781	0.00299	Flow	682	0.042	0.042
Flow	683	0.083	0.083	4.98	155.9705	0.173301	0.045187879	2.711272751	0.003013	Flow	683	0.042	0.042
Flow	684	0.084	0.084	5.04	158.2992	0.175888	0.04552397	2.731438175	0.003035	Flow	684	0.043	0.043
Flow	685	0.086	0.086	5.16	160.7278	0.178586	0.045871845	2.752310729	0.003058	Flow	685	0.044	0.044
Flow	686	0.087	0.087	5.22	163.1955	0.181328	0.046222644	2.773358668	0.003082	Flow	686	0.045	0.045
Flow	687	0.089	0.089	5.34	165.7621	0.18418	0.046584708	2.795082456	0.003106	Flow	687	0.045	0.045
Flow	688	0.09	0.09	5.4	168.367	0.187074	0.046949315	2.816958919	0.00313	Flow	688	0.046	0.046
Flow	689	0.092	0.092	5.52	171.0701	0.190078	0.047324688	2.839481256	0.003155	Flow	689	0.047	0.047
Flow	690	0.093	0.093	5.58	173.8106	0.193123	0.047702249	2.862134938	0.00318	Flow	690	0.048	0.048
Flow	691	0.095	0.095	5.7	176.6484	0.196276	0.048090098	2.885405865	0.003206	Flow	691	0.048	0.048
Flow	692	0.097	0.097	5.82	179.583	0.199537	0.048487904	2.909274225	0.003233	Flow	692	0.049	0.049
Flow	693	0.098	0.098	5.88	182.5538	0.202838	0.048887311	2.933238642	0.003259	Flow	693	0.051	0.051
Flow	694	0.1	0.1	6	185.6205	0.206245	0.049296235	2.957774092	0.003286	Flow	694	0.055	0.055
Flow	695	0.102	0.102	6.12	188.7828	0.209759	0.049714366	2.982861971	0.003314	Flow	695	0.062	0.062
Flow	696	0.104	0.104	6.24	192.0399	0.213378	0.050141402	3.008484132	0.003343	Flow	696	0.071	0.071
Flow	697	0.106	0.106	6.36	195.3914	0.217102	0.050577048	3.034622893	0.003372	Flow	697	0.079	0.079
Flow	698	0.109	0.109	6.54	198.8968	0.220996	0.051028715	3.061722884	0.003402	Flow	698	0.087	0.087
Flow	699	0.112	0.112	6.72	202.5551	0.225061	0.051495858	3.089751482	0.003433	Flow	699	0.095	0.095
Flow	700	0.116	0.116	6.96	206.4253	0.229361	0.0519855	3.119129973	0.003466	Flow	700	0.107	0.107
Flow	701	0.121	0.121	7.26	210.5662	0.233962	0.052504322	3.150259345	0.0035	Flow	701	0.122	0.122
Flow	702	0.127	0.127	7.62	215.0359	0.238929	0.053058657	3.183519436	0.003537	Flow	702	0.14	0.14
Flow	703	0.133	0.133	7.98	219.8324	0.244258	0.053647143	3.218828598	0.003576	Flow	703	0.158	0.158
Flow	704	0.141	0.141	8.46	225.0736	0.250082	0.054282895	3.2569737	0.003619	Flow	704	0.173	0.173
Flow	705	0.15	0.15	9	230.8166	0.256463	0.05497108	3.298264786	0.003665	Flow	705	0.189	0.189
Flow	706	0.162	0.162	9.72	237.2383	0.263598	0.055730531	3.343831867	0.003715	Flow	706	0.206	0.206
Flow	707	0.175	0.175	10.5	244.3945	0.271549	0.056564827	3.393889634	0.003771	Flow	707	0.227	0.227
Flow	708	0.19	0.19	11.4	252.4006	0.280445	0.057483864	3.449031825	0.003832	Flow	708	0.251	0.251
Flow	709	0.207	0.207	12.42	261.3716	0.290413	0.058496507	3.509790399	0.0039	Flow	709	0.273	0.273
Flow	710	0.226	0.226	13.56	271.4218	0.30158	0.059610547	3.576632799	0.003974	Flow	710	0.294	0.294

Flow	711	0.246	0.246	14.76	282.6052	0.314006	0.060826215	3.649572884	0.004055	Flow	711	0.316	0.316
Flow	712	0.27	0.27	16.2	295.1556	0.327951	0.062162182	3.729730928	0.004144	Flow	712	0.346	0.346
Flow	713	0.297	0.297	17.82	309.2459	0.343607	0.063628647	3.817718849	0.004242	Flow	713	0.387	0.387
Flow	714	0.326	0.326	19.56	324.9881	0.361098	0.065228066	3.913683958	0.004349	Flow	714	0.433	0.433
Flow	715	0.358	0.358	21.48	342.5545	0.380616	0.066967727	4.018063601	0.004465	Flow	715	0.478	0.478
Flow	716	0.392	0.392	23.52	362.0564	0.402285	0.068847608	4.130856479	0.00459	Flow	716	0.516	0.516
Flow	717	0.429	0.429	25.74	383.6655	0.426295	0.0708724	4.252344008	0.004725	Flow	717	0.541	0.541
Flow	718	0.471	0.471	28.26	407.6732	0.45297	0.073056157	4.383369421	0.00487	Flow	718	0.548	0.548
Flow	719	0.516	0.516	30.96	434.2498	0.4825	0.075399866	4.523991931	0.005027	Flow	719	0.539	0.539
Flow	720	0.559	0.559	33.54	463.2658	0.51474	0.077878196	4.672691741	0.005192	Flow	720	0.522	0.522
Flow	721	0.608	0.608	36.48	495.0731	0.550081	0.080507331	4.830439855	0.005367	Flow	721	0.502	0.502
Flow	722	0.653	0.653	39.18	529.4227	0.588247	0.083253409	4.995204541	0.00555	Flow	722	0.482	0.482
Flow	723	0.704	0.704	42.24	566.6675	0.629631	0.086132073	5.167924354	0.005742	Flow	723	0.457	0.457
Flow	724	0.753	0.753	45.18	606.6796	0.674088	0.089121078	5.347264697	0.005941	Flow	724	0.422	0.422
Flow	725	0.796	0.796	47.76	649.0923	0.721214	0.092183667	5.531019991	0.006146	Flow	725	0.373	0.373
Flow	726	0.836	0.836	50.16	693.7213	0.770801	0.095300078	5.718004699	0.006353	Flow	726	0.316	0.316
Flow	727	0.871	0.871	52.26	740.2633	0.822515	0.098445043	5.906702558	0.006563	Flow	727	0.261	0.261
Flow	728	0.9	0.9	54	788.3566	0.875952	0.101592605	6.095556287	0.006773	Flow	728	0.213	0.213
Flow	729	0.924	0.924	55.44	837.701	0.930779	0.104723771	6.283426231	0.006982	Flow	729	0.176	0.176
Flow	730	0.939	0.939	56.34	887.7576	0.986397	0.107807245	6.468434676	0.007187	Flow	730	0.15	0.15
Flow	731	0.944	0.944	56.64	937.9292	1.042144	0.110811738	6.64870429	0.007387	Flow	731	0.13	0.13
Flow	732	0.944	0.944	56.64	987.9205	1.097689	0.113726517	6.823590997	0.007582	Flow	732	0.115	0.115
Flow	733	0.934	0.934	56.04	1037.137	1.152374	0.116524912	6.991494724	0.007768	Flow	733	0.104	0.104
Flow	734	0.92	0.92	55.2	1085.345	1.205939	0.119202325	7.152139515	0.007947	Flow	734	0.095	0.095
Flow	735	0.899	0.899	53.94	1132.133	1.257926	0.121744547	7.304672807	0.008116	Flow	735	0.089	0.089
Flow	736	0.869	0.869	52.14	1176.969	1.307743	0.124131836	7.447910157	0.008275	Flow	736	0.084	0.084
Flow	737	0.836	0.836	50.16	1219.681	1.355201	0.126364131	7.581847855	0.008424	Flow	737	0.08	0.08
Flow	738	0.801	0.801	48.06	1260.159	1.400176	0.128443871	7.706632275	0.008563	Flow	738	0.076	0.076
Flow	739	0.762	0.762	45.72	1298.172	1.442414	0.130366767	7.822006015	0.008691	Flow	739	0.073	0.073
Flow	740	0.721	0.721	43.26	1333.61	1.481789	0.132134187	7.92805121	0.008809	Flow	740	0.07	0.07
Flow	741	0.68	0.68	40.8	1366.482	1.518313	0.133752751	8.025165065	0.008917	Flow	741	0.068	0.068
Flow	742	0.638	0.638	38.28	1396.737	1.55193	0.135225333	8.113519966	0.009015	Flow	742	0.067	0.067
Flow	743	0.601	0.601	36.06	1424.683	1.582982	0.136571454	8.194287262	0.009105	Flow	743	0.064	0.064
Flow	744	0.565	0.565	33.9	1450.389	1.611543	0.137798033	8.26788197	0.009187	Flow	744	0.062	0.062
Flow	745	0.529	0.529	31.74	1473.861	1.637624	0.138908573	8.334514377	0.009261	Flow	745	0.06	0.06
Flow	746	0.497	0.497	29.82	1495.347	1.661496	0.139917392	8.395043545	0.009328	Flow	746	0.059	0.059
Flow	747	0.463	0.463	27.78	1514.732	1.683035	0.140821383	8.449282983	0.009388	Flow	747	0.057	0.057
Flow	748	0.435	0.435	26.1	1532.382	1.702647	0.141639481	8.49836889	0.009443	Flow	748	0.056	0.056
Flow	749	0.41	0.41	24.6	1548.484	1.720538	0.142381681	8.542900861	0.009492	Flow	749	0.054	0.054
Flow	750	0.385	0.385	23.1	1563.041	1.736712	0.143049371	8.582962284	0.009537	Flow	750	0.052	0.052
Flow	751	0.364	0.364	21.84	1576.298	1.751442	0.143654732	8.619283914	0.009577	Flow	751	0.05	0.05
Flow	752	0.345	0.345	20.7	1588.379	1.764865	0.144204165	8.652249877	0.009614	Flow	752	0.048	0.048
Flow	753	0.327	0.327	19.62	1599.347	1.777052	0.144701173	8.682070364	0.009647	Flow	753	0.047	0.047
Flow	754	0.31	0.31	18.6	1609.265	1.788072	0.145149143	8.708948552	0.009677	Flow	754	0.046	0.046
Flow	755	0.293	0.293	17.58	1618.136	1.797928	0.145548659	8.732919549	0.009703	Flow	755	0.044	0.044

Flow	756	0.279	0.279	16.74	1626.143	1.806825	0.145908327	8.754499601	0.009727	Flow	756	0.043	0.043
Flow	757	0.266	0.266	15.96	1633.348	1.814831	0.146231232	8.773873923	0.009749	Flow	757	0.042	0.042
Flow	758	0.252	0.252	15.12	1639.694	1.821883	0.146515036	8.790902176	0.009768	Flow	758	0.04	0.04
Flow	759	0.241	0.241	14.46	1645.363	1.828182	0.146768099	8.806085945	0.009785	Flow	759	0.04	0.04
Flow	760	0.228	0.228	13.68	1650.237	1.833597	0.146985317	8.819119044	0.009799	Flow	760	0.039	0.039
Flow	761	0.218	0.218	13.08	1654.498	1.838331	0.147174952	8.830497102	0.009812	Flow	761	0.038	0.038
Flow	762	0.208	0.208	12.48	1658.148	1.842386	0.147337182	8.840230921	0.009822	Flow	762	0.038	0.038
Flow	763	0.199	0.199	11.94	1661.247	1.845831	0.147474835	8.848490101	0.009832	Flow	763	0.037	0.037
Flow	764	0.191	0.191	11.46	1663.859	1.848732	0.147590706	8.855442359	0.009839	Flow	764	0.037	0.037
Flow	765	0.183	0.183	10.98	1665.984	1.851093	0.147684904	8.861094249	0.009846	Flow	765	0.036	0.036
Flow	766	0.175	0.175	10.5	1667.622	1.852914	0.147757529	8.865451714	0.009851	Flow	766	0.036	0.036
Flow	767	0.168	0.168	10.08	1668.837	1.854263	0.147811326	8.86867953	0.009854	Flow	767	0.036	0.036
Flow	768	0.161	0.161	9.66	1669.628	1.855143	0.147846366	8.870781933	0.009856	Flow	768	0.035	0.035
Flow	769	0.155	0.155	9.3	1670.058	1.85562	0.147865368	8.871922084	0.009858	Flow	769	0.035	0.035
Flow	770	0.15	0.15	9	1670.186	1.855762	0.147871038	8.872262274	0.009858	Flow	770	0.034	0.034
Flow	771	0.144	0.144	8.64	1669.953	1.855504	0.144	8.64	0.0096	Flow	771	0.034	0.034
Flow	772	0.139	0.139	8.34	1669.653	1.85517	0.139	8.34	0.009267	Flow	772	0.033	0.033
Flow	773	0.134	0.134	8.04	1669.353	1.854837	0.134	8.04	0.008933	Flow	773	0.033	0.033
Flow	774	0.13	0.13	7.8	1669.113	1.85457	0.13	7.8	0.008667	Flow	774	0.032	0.032
Flow	775	0.126	0.126	7.56	1668.873	1.854304	0.126	7.56	0.0084	Flow	775	0.032	0.032
Flow	776	0.122	0.122	7.32	1668.633	1.854037	0.122	7.32	0.008133	Flow	776	0.032	0.032
Flow	777	0.119	0.119	7.14	1668.453	1.853837	0.119	7.14	0.007933	Flow	777	0.031	0.031
Flow	778	0.116	0.116	6.96	1668.273	1.853637	0.116	6.96	0.007733	Flow	778	0.031	0.031
Flow	779	0.113	0.113	6.78	1668.093	1.853437	0.113	6.78	0.007533	Flow	779	0.03	0.03
Flow	780	0.11	0.11	6.6	1667.913	1.853237	0.11	6.6	0.007333	Flow	780	0.03	0.03
Flow	781	0.107	0.107	6.42	1667.733	1.853037	0.107	6.42	0.007133	Flow	781	0.03	0.03
Flow	782	0.105	0.105	6.3	1667.613	1.852904	0.105	6.3	0.007	Flow	782	0.029	0.029
Flow	783	0.103	0.103	6.18	1667.493	1.85277	0.103	6.18	0.006867	Flow	783	0.029	0.029
Flow	784	0.101	0.101	6.06	1667.373	1.852637	0.101	6.06	0.006733	Flow	784	0.029	0.029
Flow	785	0.099	0.099	5.94	1667.253	1.852504	0.099	5.94	0.0066	Flow	785	0.028	0.028
Flow	786	0.097	0.097	5.82	1667.133	1.85237	0.097	5.82	0.006467	Flow	786	0.028	0.028
Flow	787	0.095	0.095	5.7	1667.013	1.852237	0.095	5.7	0.006333	Flow	787	0.028	0.028
Flow	788	0.093	0.093	5.58	1666.893	1.852104	0.093	5.58	0.0062	Flow	788	0.028	0.028
Flow	789	0.091	0.091	5.46	1666.773	1.85197	0.091	5.46	0.006067	Flow	789	0.027	0.027
Flow	790	0.089	0.089	5.34	1666.653	1.851837	0.089	5.34	0.005933	Flow	790	0.027	0.027
Flow	791	0.088	0.088	5.28	1666.593	1.85177	0.088	5.28	0.005867	Flow	791	0.027	0.027
Flow	792	0.086	0.086	5.16	1666.473	1.851637	0.086	5.16	0.005733	Flow	792	0.026	0.026
Flow	793	0.085	0.085	5.1	1666.413	1.85157	0.085	5.1	0.005667	Flow	793	0.026	0.026
Flow	794	0.083	0.083	4.98	1666.293	1.851437	0.083	4.98	0.005533	Flow	794	0.026	0.026
Flow	795	0.082	0.082	4.92	1666.233	1.85137	0.082	4.92	0.005467	Flow	795	0.025	0.025
Flow	796	0.08	0.08	4.8	1666.113	1.851237	0.08	4.8	0.005333	Flow	796	0.025	0.025
Flow	797	0.079	0.079	4.74	1666.053	1.85117	0.079	4.74	0.005267	Flow	797	0.025	0.025
Flow	798	0.078	0.078	4.68	1665.993	1.851104	0.078	4.68	0.0052	Flow	798	0.025	0.025
Flow	799	0.077	0.077	4.62	1665.933	1.851037	0.077	4.62	0.005133	Flow	799	0.025	0.025
Flow	800	0.076	0.076	4.56	1665.873	1.85097	0.076	4.56	0.005067	Flow	800	0.024	0.024

Flow	801	0.075	0.075	4.5	1665.813	1.850904	0.075	4.5	0.005 Flow	801	0.024	0.024
Flow	802	0.074	0.074	4.44	1665.753	1.850837	0.074	4.44	0.004933 Flow	802	0.024	0.024
Flow	803	0.073	0.073	4.38	1665.693	1.85077	0.073	4.38	0.004867 Flow	803	0.024	0.024
Flow	804	0.072	0.072	4.32	1665.633	1.850704	0.072	4.32	0.0048 Flow	804	0.024	0.024
Flow	805	0.071	0.071	4.26	1665.573	1.850637	0.071	4.26	0.004733 Flow	805	0.024	0.024
Flow	806	0.071	0.071	4.26	1665.573	1.850637	0.071	4.26	0.004733 Flow	806	0.024	0.024
Flow	807	0.07	0.07	4.2	1665.513	1.85057	0.07	4.2	0.004667 Flow	807	0.023	0.023
Flow	808	0.069	0.069	4.14	1665.453	1.850504	0.069	4.14	0.0046 Flow	808	0.023	0.023
Flow	809	0.068	0.068	4.08	1665.393	1.850437	0.068	4.08	0.004533 Flow	809	0.023	0.023
Flow	810	0.068	0.068	4.08	1665.393	1.850437	0.068	4.08	0.004533 Flow	810	0.023	0.023
Flow	811	0.067	0.067	4.02	1665.333	1.85037	0.067	4.02	0.004467 Flow	811	0.022	0.022
Flow	812	0.066	0.066	3.96	1665.273	1.850304	0.066	3.96	0.0044 Flow	812	0.022	0.022
Flow	813	0.066	0.066	3.96	1665.273	1.850304	0.066	3.96	0.0044 Flow	813	0.022	0.022
Flow	814	0.065	0.065	3.9	1665.213	1.850237	0.065	3.9	0.004333 Flow	814	0.022	0.022
Flow	815	0.065	0.065	3.9	1665.213	1.850237	0.065	3.9	0.004333 Flow	815	0.021	0.021
Flow	816	0.064	0.064	3.84	1665.153	1.85017	0.064	3.84	0.004267 Flow	816	0.021	0.021
Flow	817	0.063	0.063	3.78	1665.093	1.850104	0.063	3.78	0.0042 Flow	817	0.021	0.021
Flow	818	0.063	0.063	3.78	1665.093	1.850104	0.063	3.78	0.0042 Flow	818	0.021	0.021
Flow	819	0.062	0.062	3.72	1665.033	1.850037	0.062	3.72	0.004133 Flow	819	0.021	0.021
Flow	820	0.062	0.062	3.72	1665.033	1.850037	0.062	3.72	0.004133 Flow	820	0.021	0.021
Flow	821	0.061	0.061	3.66	1664.973	1.84997	0.061	3.66	0.004067 Flow	821	0.02	0.02
Flow	822	0.06	0.06	3.6	1664.913	1.849904	0.06	3.6	0.004 Flow	822	0.02	0.02
Flow	823	0.06	0.06	3.6	1664.913	1.849904	0.06	3.6	0.004 Flow	823	0.02	0.02
Flow	824	0.059	0.059	3.54	1664.853	1.849837	0.059	3.54	0.003933 Flow	824	0.02	0.02
Flow	825	0.059	0.059	3.54	1664.853	1.849837	0.059	3.54	0.003933 Flow	825	0.02	0.02
Flow	826	0.058	0.058	3.48	1664.793	1.84977	0.058	3.48	0.003867 Flow	826	0.02	0.02
Flow	827	0.058	0.058	3.48	1664.793	1.84977	0.058	3.48	0.003867 Flow	827	0.019	0.019
Flow	828	0.057	0.057	3.42	1664.733	1.849704	0.057	3.42	0.0038 Flow	828	0.019	0.019
Flow	829	0.057	0.057	3.42	1664.733	1.849704	0.057	3.42	0.0038 Flow	829	0.019	0.019
Flow	830	0.056	0.056	3.36	1664.673	1.849637	0.056	3.36	0.003733 Flow	830	0.019	0.019
Flow	831	0.056	0.056	3.36	1664.673	1.849637	0.056	3.36	0.003733 Flow	831	0.019	0.019
Flow	832	0.055	0.055	3.3	1664.613	1.84957	0.055	3.3	0.003667 Flow	832	0.019	0.019
Flow	833	0.055	0.055	3.3	1664.613	1.84957	0.055	3.3	0.003667 Flow	833	0.019	0.019
Flow	834	0.054	0.054	3.24	1664.553	1.849504	0.054	3.24	0.0036 Flow	834	0.018	0.018
Flow	835	0.054	0.054	3.24	1664.553	1.849504	0.054	3.24	0.0036 Flow	835	0.018	0.018
Flow	836	0.053	0.053	3.18	1664.493	1.849437	0.053	3.18	0.003533 Flow	836	0.018	0.018
Flow	837	0.053	0.053	3.18	1664.493	1.849437	0.053	3.18	0.003533 Flow	837	0.018	0.018
Flow	838	0.052	0.052	3.12	1664.433	1.84937	0.052	3.12	0.003467 Flow	838	0.018	0.018
Flow	839	0.052	0.052	3.12	1664.433	1.84937	0.052	3.12	0.003467 Flow	839	0.018	0.018
Flow	840	0.052	0.052	3.12	1664.433	1.84937	0.052	3.12	0.003467 Flow	840	0.017	0.017
Flow	841	0.051	0.051	3.06	1664.373	1.849304	0.051	3.06	0.0034 Flow	841	0.017	0.017
Flow	842	0.051	0.051	3.06	1664.373	1.849304	0.051	3.06	0.0034 Flow	842	0.017	0.017
Flow	843	0.05	0.05	3	1664.313	1.849237	0.05	3	0.003333 Flow	843	0.017	0.017
Flow	844	0.05	0.05	3	1664.313	1.849237	0.05	3	0.003333 Flow	844	0.017	0.017
Flow	845	0.049	0.049	2.94	1664.253	1.84917	0.049	2.94	0.003267 Flow	845	0.017	0.017

Flow	846	0.049	0.049	2.94	1664.253	1.84917	0.049	2.94	0.003267	Flow	846	0.017	0.017
Flow	847	0.049	0.049	2.94	1664.253	1.84917	0.049	2.94	0.003267	Flow	847	0.017	0.017
Flow	848	0.048	0.048	2.88	1664.193	1.849104	0.048	2.88	0.0032	Flow	848	0.017	0.017
Flow	849	0.048	0.048	2.88	1664.193	1.849104	0.048	2.88	0.0032	Flow	849	0.016	0.016
Flow	850	0.047	0.047	2.82	1664.133	1.849037	0.047	2.82	0.003133	Flow	850	0.016	0.016
Flow	851	0.047	0.047	2.82	1664.133	1.849037	0.047	2.82	0.003133	Flow	851	0.016	0.016
Flow	852	0.047	0.047	2.82	1664.133	1.849037	0.047	2.82	0.003133	Flow	852	0.016	0.016
Flow	853	0.046	0.046	2.76	1664.073	1.84897	0.046	2.76	0.003067	Flow	853	0.016	0.016
Flow	854	0.046	0.046	2.76	1664.073	1.84897	0.046	2.76	0.003067	Flow	854	0.016	0.016
Flow	855	0.046	0.046	2.76	1664.073	1.84897	0.046	2.76	0.003067	Flow	855	0.016	0.016
Flow	856	0.045	0.045	2.7	1664.013	1.848904	0.045	2.7	0.003	Flow	856	0.016	0.016
Flow	857	0.045	0.045	2.7	1664.013	1.848904	0.045	2.7	0.003	Flow	857	0.016	0.016
Flow	858	0.045	0.045	2.7	1664.013	1.848904	0.045	2.7	0.003	Flow	858	0.016	0.016
Flow	859	0.044	0.044	2.64	1663.953	1.848837	0.044	2.64	0.002933	Flow	859	0.016	0.016
Flow	860	0.044	0.044	2.64	1663.953	1.848837	0.044	2.64	0.002933	Flow	860	0.016	0.016
Flow	861	0.044	0.044	2.64	1663.953	1.848837	0.044	2.64	0.002933	Flow	861	0.016	0.016
Flow	862	0.044	0.044	2.64	1663.953	1.848837	0.044	2.64	0.002933	Flow	862	0.015	0.015
Flow	863	0.043	0.043	2.58	1663.893	1.84877	0.043	2.58	0.002867	Flow	863	0.015	0.015
Flow	864	0.043	0.043	2.58	1663.893	1.84877	0.043	2.58	0.002867	Flow	864	0.015	0.015
Flow	865	0.043	0.043	2.58	1663.893	1.84877	0.043	2.58	0.002867	Flow	865	0.015	0.015
Flow	866	0.043	0.043	2.58	1663.893	1.84877	0.043	2.58	0.002867	Flow	866	0.015	0.015
Flow	867	0.042	0.042	2.52	1663.833	1.848704	0.042	2.52	0.0028	Flow	867	0.015	0.015
Flow	868	0.042	0.042	2.52	1663.833	1.848704	0.042	2.52	0.0028	Flow	868	0.015	0.015
Flow	869	0.042	0.042	2.52	1663.833	1.848704	0.042	2.52	0.0028	Flow	869	0.015	0.015
Flow	870	0.042	0.042	2.52	1663.833	1.848704	0.042	2.52	0.0028	Flow	870	0.015	0.015
Flow	871	0.041	0.041	2.46	1663.773	1.848637	0.041	2.46	0.002733	Flow	871	0.015	0.015
Flow	872	0.041	0.041	2.46	1663.773	1.848637	0.041	2.46	0.002733	Flow	872	0.015	0.015
Flow	873	0.041	0.041	2.46	1663.773	1.848637	0.041	2.46	0.002733	Flow	873	0.015	0.015
Flow	874	0.041	0.041	2.46	1663.773	1.848637	0.041	2.46	0.002733	Flow	874	0.015	0.015
Flow	875	0.041	0.041	2.46	1663.773	1.848637	0.041	2.46	0.002733	Flow	875	0.015	0.015
Flow	876	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	876	0.015	0.015
Flow	877	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	877	0.015	0.015
Flow	878	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	878	0.015	0.015
Flow	879	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	879	0.015	0.015
Flow	880	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	880	0.015	0.015
Flow	881	0.04	0.04	2.4	1663.713	1.84857	0.04	2.4	0.002667	Flow	881	0.015	0.015
Flow	882	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	882	0.015	0.015
Flow	883	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	883	0.015	0.015
Flow	884	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	884	0.015	0.015
Flow	885	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	885	0.015	0.015
Flow	886	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	886	0.015	0.015
Flow	887	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	887	0.014	0.014
Flow	888	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	888	0.014	0.014
Flow	889	0.039	0.039	2.34	1663.653	1.848504	0.039	2.34	0.0026	Flow	889	0.014	0.014
Flow	890	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	890	0.014	0.014

Flow	891	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	891	0.014	0.014
Flow	892	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	892	0.014	0.014
Flow	893	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	893	0.014	0.014
Flow	894	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	894	0.014	0.014
Flow	895	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	895	0.014	0.014
Flow	896	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	896	0.014	0.014
Flow	897	0.038	0.038	2.28	1663.593	1.848437	0.038	2.28	0.002533	Flow	897	0.014	0.014
Flow	898	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	898	0.014	0.014
Flow	899	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	899	0.014	0.014
Flow	900	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	900	0.014	0.014
Flow	901	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	901	0.013	0.013
Flow	902	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	902	0.013	0.013
Flow	903	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	903	0.013	0.013
Flow	904	0.037	0.037	2.22	1663.533	1.84837	0.037	2.22	0.002467	Flow	904	0.013	0.013
Flow	905	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	905	0.013	0.013
Flow	906	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	906	0.013	0.013
Flow	907	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	907	0.013	0.013
Flow	908	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	908	0.013	0.013
Flow	909	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	909	0.013	0.013
Flow	910	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	910	0.013	0.013
Flow	911	0.036	0.036	2.16	1663.473	1.848304	0.036	2.16	0.0024	Flow	911	0.013	0.013
Flow	912	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	912	0.013	0.013
Flow	913	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	913	0.013	0.013
Flow	914	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	914	0.013	0.013
Flow	915	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	915	0.013	0.013
Flow	916	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	916	0.013	0.013
Flow	917	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	917	0.013	0.013
Flow	918	0.035	0.035	2.1	1663.413	1.848237	0.035	2.1	0.002333	Flow	918	0.013	0.013
Flow	919	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	919	0.013	0.013
Flow	920	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	920	0.012	0.012
Flow	921	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	921	0.012	0.012
Flow	922	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	922	0.012	0.012
Flow	923	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	923	0.012	0.012
Flow	924	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	924	0.012	0.012
Flow	925	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	925	0.012	0.012
Flow	926	0.034	0.034	2.04	1663.353	1.84817	0.034	2.04	0.002267	Flow	926	0.012	0.012
Flow	927	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	927	0.012	0.012
Flow	928	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	928	0.012	0.012
Flow	929	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	929	0.012	0.012
Flow	930	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	930	0.012	0.012
Flow	931	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	931	0.012	0.012
Flow	932	0.033	0.033	1.98	1663.293	1.848104	0.033	1.98	0.0022	Flow	932	0.012	0.012
Flow	933	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	933	0.012	0.012
Flow	934	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	934	0.012	0.012
Flow	935	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	935	0.012	0.012

Flow	936	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	936	0.012	0.012
Flow	937	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	937	0.012	0.012
Flow	938	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	938	0.012	0.012
Flow	939	0.032	0.032	1.92	1663.233	1.848037	0.032	1.92	0.002133	Flow	939	0.011	0.011
Flow	940	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	940	0.011	0.011
Flow	941	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	941	0.011	0.011
Flow	942	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	942	0.011	0.011
Flow	943	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	943	0.011	0.011
Flow	944	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	944	0.011	0.011
Flow	945	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	945	0.011	0.011
Flow	946	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	946	0.011	0.011
Flow	947	0.031	0.031	1.86	1663.173	1.84797	0.031	1.86	0.002067	Flow	947	0.011	0.011
Flow	948	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	948	0.011	0.011
Flow	949	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	949	0.011	0.011
Flow	950	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	950	0.011	0.011
Flow	951	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	951	0.011	0.011
Flow	952	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	952	0.011	0.011
Flow	953	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	953	0.011	0.011
Flow	954	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	954	0.011	0.011
Flow	955	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	955	0.011	0.011
Flow	956	0.03	0.03	1.8	1663.113	1.847904	0.03	1.8	0.002	Flow	956	0.011	0.011
Flow	957	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	957	0.011	0.011
Flow	958	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	958	0.01	0.01
Flow	959	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	959	0.01	0.01
Flow	960	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	960	0.01	0.01
Flow	961	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	961	0.01	0.01
Flow	962	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	962	0.01	0.01
Flow	963	0.029	0.029	1.74	1663.053	1.847837	0.029	1.74	0.001933	Flow	963	0.01	0.01
Flow	964	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	964	0.01	0.01
Flow	965	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	965	0.01	0.01
Flow	966	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	966	0.01	0.01
Flow	967	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	967	0.01	0.01
Flow	968	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	968	0.01	0.01
Flow	969	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	969	0.01	0.01
Flow	970	0.028	0.028	1.68	1662.993	1.84777	0.028	1.68	0.001867	Flow	970	0.01	0.01
Flow	971	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	971	0.01	0.01
Flow	972	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	972	0.01	0.01
Flow	973	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	973	0.01	0.01
Flow	974	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	974	0.01	0.01
Flow	975	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	975	0.01	0.01
Flow	976	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	976	0.01	0.01
Flow	977	0.027	0.027	1.62	1662.933	1.847704	0.027	1.62	0.0018	Flow	977	0.01	0.01
Flow	978	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	978	0.01	0.01
Flow	979	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	979	0.01	0.01
Flow	980	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	980	0.01	0.01

Flow	981	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	981	0.01	0.01
Flow	982	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	982	0.01	0.01
Flow	983	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	983	0.01	0.01
Flow	984	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	984	0.01	0.01
Flow	985	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	985	0.01	0.01
Flow	986	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	986	0.01	0.01
Flow	987	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	987	0.01	0.01
Flow	988	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	988	0.01	0.01
Flow	989	0.026	0.026	1.56	1662.873	1.847637	0.026	1.56	0.001733	Flow	989	0.01	0.01
Flow	990	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	990	0.01	0.01
Flow	991	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	991	0.01	0.01
Flow	992	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	992	0.01	0.01
Flow	993	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	993	0.01	0.01
Flow	994	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	994	0.01	0.01
Flow	995	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	995	0.01	0.01
Flow	996	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	996	0.01	0.01
Flow	997	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	997	0.01	0.01
Flow	998	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	998	0.01	0.01
Flow	999	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	999	0.01	0.01
Flow	1000	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1000	0.009	0.009
Flow	1001	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1001	0.009	0.009
Flow	1002	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1002	0.009	0.009
Flow	1003	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1003	0.009	0.009
Flow	1004	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1004	0.009	0.009
Flow	1005	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1005	0.009	0.009
Flow	1006	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1006	0.009	0.009
Flow	1007	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1007	0.009	0.009
Flow	1008	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1008	0.009	0.009
Flow	1009	0.025	0.025	1.5	1662.813	1.84757	0.025	1.5	0.001667	Flow	1009	0.009	0.009
Flow	1010	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1010	0.009	0.009
Flow	1011	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1011	0.009	0.009
Flow	1012	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1012	0.009	0.009
Flow	1013	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1013	0.009	0.009
Flow	1014	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1014	0.009	0.009
Flow	1015	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1015	0.009	0.009
Flow	1016	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1016	0.009	0.009
Flow	1017	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1017	0.009	0.009
Flow	1018	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1018	0.009	0.009
Flow	1019	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1019	0.009	0.009
Flow	1020	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1020	0.009	0.009
Flow	1021	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1021	0.009	0.009
Flow	1022	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1022	0.009	0.009
Flow	1023	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1023	0.009	0.009
Flow	1024	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1024	0.009	0.009
Flow	1025	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1025	0.009	0.009

Flow	1026	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1026	0.009	0.009
Flow	1027	0.024	0.024	1.44	1662.753	1.847504	0.024	1.44	0.0016	Flow	1027	0.009	0.009
Flow	1028	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1028	0.009	0.009
Flow	1029	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1029	0.009	0.009
Flow	1030	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1030	0.009	0.009
Flow	1031	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1031	0.009	0.009
Flow	1032	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1032	0.009	0.009
Flow	1033	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1033	0.009	0.009
Flow	1034	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1034	0.009	0.009
Flow	1035	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1035	0.009	0.009
Flow	1036	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1036	0.009	0.009
Flow	1037	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1037	0.009	0.009
Flow	1038	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1038	0.009	0.009
Flow	1039	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1039	0.009	0.009
Flow	1040	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1040	0.009	0.009
Flow	1041	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1041	0.009	0.009
Flow	1042	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1042	0.009	0.009
Flow	1043	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1043	0.009	0.009
Flow	1044	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1044	0.008	0.008
Flow	1045	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1045	0.008	0.008
Flow	1046	0.023	0.023	1.38	1662.693	1.847437	0.023	1.38	0.001533	Flow	1046	0.008	0.008
Flow	1047	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1047	0.008	0.008
Flow	1048	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1048	0.008	0.008
Flow	1049	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1049	0.008	0.008
Flow	1050	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1050	0.008	0.008
Flow	1051	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1051	0.008	0.008
Flow	1052	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1052	0.008	0.008
Flow	1053	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1053	0.009	0.009
Flow	1054	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1054	0.009	0.009
Flow	1055	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1055	0.008	0.008
Flow	1056	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1056	0.008	0.008
Flow	1057	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1057	0.008	0.008
Flow	1058	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1058	0.008	0.008
Flow	1059	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1059	0.008	0.008
Flow	1060	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1060	0.008	0.008
Flow	1061	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1061	0.008	0.008
Flow	1062	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1062	0.008	0.008
Flow	1063	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1063	0.008	0.008
Flow	1064	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1064	0.008	0.008
Flow	1065	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1065	0.008	0.008
Flow	1066	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1066	0.008	0.008
Flow	1067	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1067	0.008	0.008
Flow	1068	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1068	0.008	0.008
Flow	1069	0.022	0.022	1.32	1662.633	1.84737	0.022	1.32	0.001467	Flow	1069	0.008	0.008
Flow	1070	0.021	0.021	1.26	1662.573	1.847304	0.021	1.26	0.0014	Flow	1070	0.008	0.008

Flow	1251	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1251	0.005	0.005
Flow	1252	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1252	0.005	0.005
Flow	1253	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1253	0.005	0.005
Flow	1254	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1254	0.005	0.005
Flow	1255	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1255	0.005	0.005
Flow	1256	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1256	0.005	0.005
Flow	1257	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1257	0.005	0.005
Flow	1258	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1258	0.005	0.005
Flow	1259	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1259	0.005	0.005
Flow	1260	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1260	0.005	0.005
Flow	1261	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1261	0.005	0.005
Flow	1262	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1262	0.005	0.005
Flow	1263	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1263	0.005	0.005
Flow	1264	0.014	0.014	0.84	1662.153	1.846837	0.014	0.84	0.000933	Flow	1264	0.005	0.005
Flow	1265	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1265	0.005	0.005
Flow	1266	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1266	0.005	0.005
Flow	1267	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1267	0.005	0.005
Flow	1268	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1268	0.005	0.005
Flow	1269	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1269	0.005	0.005
Flow	1270	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1270	0.005	0.005
Flow	1271	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1271	0.005	0.005
Flow	1272	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1272	0.005	0.005
Flow	1273	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1273	0.005	0.005
Flow	1274	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1274	0.005	0.005
Flow	1275	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1275	0.005	0.005
Flow	1276	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1276	0.005	0.005
Flow	1277	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1277	0.005	0.005
Flow	1278	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1278	0.005	0.005
Flow	1279	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1279	0.005	0.005
Flow	1280	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1280	0.005	0.005
Flow	1281	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1281	0.005	0.005
Flow	1282	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1282	0.005	0.005
Flow	1283	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1283	0.005	0.005
Flow	1284	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1284	0.005	0.005
Flow	1285	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1285	0.005	0.005
Flow	1286	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1286	0.005	0.005
Flow	1287	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1287	0.005	0.005
Flow	1288	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1288	0.005	0.005
Flow	1289	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1289	0.005	0.005
Flow	1290	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1290	0.005	0.005
Flow	1291	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1291	0.005	0.005
Flow	1292	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1292	0.005	0.005
Flow	1293	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1293	0.005	0.005
Flow	1294	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1294	0.005	0.005
Flow	1295	0.013	0.013	0.78	1662.093	1.84677	0.013	0.78	0.000867	Flow	1295	0.005	0.005

[illegible]

[illegible]

[illegible]

Flow	1431	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1431	0.005	0.005
Flow	1432	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1432	0.005	0.005
Flow	1433	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1433	0.005	0.005
Flow	1434	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1434	0.005	0.005
Flow	1435	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1435	0.005	0.005
Flow	1436	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1436	0.005	0.005
Flow	1437	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1437	0.005	0.005
Flow	1438	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1438	0.005	0.005
Flow	1439	0.012	0.012	0.72	1662.033	1.846704	0.012	0.72	0.0008	Flow	1439	0.005	0.005
Flow	1440	0.012	0.012	0.72	1662.033	1.846704				Flow	1440	0.005	0.005
												1.855762	0.147871038
												0.548	Total = 0.695871 <0.779

Johlin Pond

12.2 target 5-year predevelopment flow

pond bottom 19200

length 240

Width 80

orifice diameter 1.5

orifice area 1.767145868

volume=

38400 length:

width:

Active volume

1' Freeboard

246

234

252

86

74

92

21156 17316

38472

ss 0 :1

							inflow cfs	Add Vol	Adj Vol	Depth	outflow cfs	Volume out
Flow	1 #####	0	1	1	1	1995	0:00	0	0	0	0	0
Flow	2 #####	0	2	1	1	1995	0:01	0	0	0	0	0
Flow	3 #####	0	3	1	1	1995	0:02	0	0	0	0	0
Flow	4 #####	0	4	1	1	1995	0:03	0	0	0	0	0
Flow	5 #####	0	5	1	1	1995	0:04	0	0	0	0	0
Flow	6 #####	0	6	1	1	1995	0:05	0	0	0	0	0
Flow	7 #####	0	7	1	1	1995	0:06	0	0	0	0	0
Flow	8 #####	0	8	1	1	1995	0:07	0	0	0	0	0
Flow	9 #####	0	9	1	1	1995	0:08	0	0	0	0	0
Flow	10 #####	0	10	1	1	1995	0:09	0	0	0	0	0
Flow	11 #####	0	11	1	1	1995	0:10	0	0	0	0	0
Flow	12 #####	0	12	1	1	1995	0:11	0	0	0	0	0
Flow	13 #####	0	13	1	1	1995	0:12	0	0	0	0	0
Flow	14 #####	0	14	1	1	1995	0:13	0	0	0	0	0
Flow	15 #####	0	15	1	1	1995	0:14	0	0	0	0	0
Flow	16 #####	0	16	1	1	1995	0:15	0	0	0	0	0
Flow	17 #####	0	17	1	1	1995	0:16	0	0	0	0	0
Flow	18 #####	0	18	1	1	1995	0:17	0	0	0	0	0
Flow	19 #####	0	19	1	1	1995	0:18	0	0	0	0	0
Flow	20 #####	0	20	1	1	1995	0:19	0	0	0	0	0
Flow	21 #####	0	21	1	1	1995	0:20	0	0	0	0	0
Flow	22 #####	0	22	1	1	1995	0:21	0	0	0	0	0
Flow	23 #####	0	23	1	1	1995	0:22	0	0	0	0	0
Flow	24 #####	0	24	1	1	1995	0:23	0	0	0	0	0
Flow	25 #####	0	25	1	1	1995	0:24	0	0	0	0	0
Flow	26 #####	0	26	1	1	1995	0:25	0	0	0	0	0
Flow	27 #####	0	27	1	1	1995	0:26	0	0	0	0	0
Flow	28 #####	0	28	1	1	1995	0:27	0	0	0	0	0
Flow	29 #####	0	29	1	1	1995	0:28	0	0	0	0	0
Flow	30 #####	0	30	1	1	1995	0:29	0	0	0	0	0
Flow	31 #####	0	31	1	1	1995	0:30	0	0	0	0	0
Flow	32 #####	0	32	1	1	1995	0:31	0	0	0	0	0
Flow	33 #####	0	33	1	1	1995	0:32	0	0	0	0	0
Flow	34 #####	0	34	1	1	1995	0:33	0	0	0	0	0
Flow	35 #####	0	35	1	1	1995	0:34	0	0	0	0	0
Flow	36 #####	0	36	1	1	1995	0:35	0	0	0	0	0
Flow	37 #####	0	37	1	1	1995	0:36	0	0	0	0	0
Flow	38 #####	0	38	1	1	1995	0:37	0	0	0	0	0
Flow	39 #####	0	39	1	1	1995	0:38	0	0	0	0	0
Flow	40 #####	0	40	1	1	1995	0:39	0	0	0	0	0
Flow	41 #####	0	41	1	1	1995	0:40	0	0	0	0	0
Flow	42 #####	0	42	1	1	1995	0:41	0	0	0	0	0
Flow	43 #####	0	43	1	1	1995	0:42	0	0	0	0	0
Flow	44 #####	0	44	1	1	1995	0:43	0	0	0	0	0
Flow	45 #####	0	45	1	1	1995	0:44	0	0	0	0	0
Flow	46 #####	0	46	1	1	1995	0:45	0	0	0	0	0
Flow	47 #####	0	47	1	1	1995	0:46	0	0	0	0	0

Flow	48 #####	0	48	1	1	1995	0:47	0	0	0	0	0	0
Flow	49 #####	0	49	1	1	1995	0:48	0	0	0	0	0	0
Flow	50 #####	0	50	1	1	1995	0:49	0	0	0	0	0	0
Flow	51 #####	0	51	1	1	1995	0:50	0	0	0	0	0	0
Flow	52 #####	0	52	1	1	1995	0:51	0	0	0	0	0	0
Flow	53 #####	0	53	1	1	1995	0:52	0	0	0	0	0	0
Flow	54 #####	0	54	1	1	1995	0:53	0	0	0	0	0	0
Flow	55 #####	0	55	1	1	1995	0:54	0	0	0	0	0	0
Flow	56 #####	0	56	1	1	1995	0:55	0	0	0	0	0	0
Flow	57 #####	0	57	1	1	1995	0:56	0	0	0	0	0	0
Flow	58 #####	0	58	1	1	1995	0:57	0	0	0	0	0	0
Flow	59 #####	0	59	1	1	1995	0:58	0	0	0	0	0	0
Flow	60 #####	0	60	1	1	1995	0:59	0	0	0	0	0	0
Flow	61 #####	0	61	1	1	1995	1:00	0	0	0	0	0	0
Flow	62 #####	0	62	1	1	1995	1:01	0	0	0	0	0	0
Flow	63 #####	0	63	1	1	1995	1:02	0	0	0	0	0	0
Flow	64 #####	0	64	1	1	1995	1:03	0	0	0	0	0	0
Flow	65 #####	0	65	1	1	1995	1:04	0	0	0	0	0	0
Flow	66 #####	0	66	1	1	1995	1:05	0	0	0	0	0	0
Flow	67 #####	0	67	1	1	1995	1:06	0	0	0	0	0	0
Flow	68 #####	0	68	1	1	1995	1:07	0	0	0	0	0	0
Flow	69 #####	0	69	1	1	1995	1:08	0	0	0	0	0	0
Flow	70 #####	0	70	1	1	1995	1:09	0	0	0	0	0	0
Flow	71 #####	0	71	1	1	1995	1:10	0	0	0	0	0	0
Flow	72 #####	0	72	1	1	1995	1:11	0	0	0	0	0	0
Flow	73 #####	0	73	1	1	1995	1:12	0	0	0	0	0	0
Flow	74 #####	0	74	1	1	1995	1:13	0	0	0	0	0	0
Flow	75 #####	0	75	1	1	1995	1:14	0	0	0	0	0	0
Flow	76 #####	0	76	1	1	1995	1:15	0	0	0	0	0	0
Flow	77 #####	0	77	1	1	1995	1:16	0	0	0	0	0	0
Flow	78 #####	0	78	1	1	1995	1:17	0	0	0	0	0	0
Flow	79 #####	0	79	1	1	1995	1:18	0	0	0	0	0	0
Flow	80 #####	0	80	1	1	1995	1:19	0	0	0	0	0	0
Flow	81 #####	0	81	1	1	1995	1:20	0	0	0	0	0	0
Flow	82 #####	0	82	1	1	1995	1:21	0	0	0	0	0	0
Flow	83 #####	0	83	1	1	1995	1:22	0	0	0	0	0	0
Flow	84 #####	0	84	1	1	1995	1:23	0	0	0	0	0	0
Flow	85 #####	0	85	1	1	1995	1:24	0	0	0	0	0	0
Flow	86 #####	0	86	1	1	1995	1:25	0	0	0	0	0	0
Flow	87 #####	0	87	1	1	1995	1:26	0	0	0	0	0	0
Flow	88 #####	0	88	1	1	1995	1:27	0	0	0	0	0	0
Flow	89 #####	0	89	1	1	1995	1:28	0	0	0	0	0	0
Flow	90 #####	0	90	1	1	1995	1:29	0	0	0	0	0	0
Flow	91 #####	0	91	1	1	1995	1:30	0	0	0	0	0	0
Flow	92 #####	0	92	1	1	1995	1:31	0	0	0	0	0	0
Flow	93 #####	0	93	1	1	1995	1:32	0	0	0	0	0	0
Flow	94 #####	0	94	1	1	1995	1:33	0	0	0	0	0	0
Flow	95 #####	0	95	1	1	1995	1:34	0	0	0	0	0	0
Flow	96 #####	0	96	1	1	1995	1:35	0	0	0	0	0	0
Flow	97 #####	0	97	1	1	1995	1:36	0	0	0	0	0	0
Flow	98 #####	0	98	1	1	1995	1:37	0	0	0	0	0	0
Flow	99 #####	0	99	1	1	1995	1:38	0	0	0	0	0	0
Flow	100 #####	0	100	1	1	1995	1:39	0	0	0	0	0	0
Flow	101 #####	0	101	1	1	1995	1:40	0	0	0	0	0	0
Flow	102 #####	0	102	1	1	1995	1:41	0	0	0	0	0	0
Flow	103 #####	0	103	1	1	1995	1:42	0	0	0	0	0	0
Flow	104 #####	0	104	1	1	1995	1:43	0	0	0	0	0	0

Flow	105	#####	0	105	1	1	1995	1:44	0	0	0	0	0	0
Flow	106	#####	0	106	1	1	1995	1:45	0	0	0	0	0	0
Flow	107	#####	0	107	1	1	1995	1:46	0	0	0	0	0	0
Flow	108	#####	0	108	1	1	1995	1:47	0	0	0	0	0	0
Flow	109	#####	0	109	1	1	1995	1:48	0	0	0	0	0	0
Flow	110	#####	0	110	1	1	1995	1:49	0	0	0	0	0	0
Flow	111	#####	0	111	1	1	1995	1:50	0	0	0	0	0	0
Flow	112	#####	0	112	1	1	1995	1:51	0	0	0	0	0	0
Flow	113	#####	0	113	1	1	1995	1:52	0	0	0	0	0	0
Flow	114	#####	0	114	1	1	1995	1:53	0	0	0	0	0	0
Flow	115	#####	0	115	1	1	1995	1:54	0	0	0	0	0	0
Flow	116	#####	0	116	1	1	1995	1:55	0	0	0	0	0	0
Flow	117	#####	0	117	1	1	1995	1:56	0	0	0	0	0	0
Flow	118	#####	0	118	1	1	1995	1:57	0	0	0	0	0	0
Flow	119	#####	0	119	1	1	1995	1:58	0	0	0	0	0	0
Flow	120	#####	0	120	1	1	1995	1:59	0	0	0	0	0	0
Flow	121	#####	0	121	1	1	1995	2:00	0	0	0	0	0	0
Flow	122	#####	0	122	1	1	1995	2:01	0	0	0	0	0	0
Flow	123	#####	0	123	1	1	1995	2:02	0	0	0	0	0	0
Flow	124	#####	0	124	1	1	1995	2:03	0	0	0	0	0	0
Flow	125	#####	0	125	1	1	1995	2:04	0	0	0	0	0	0
Flow	126	#####	0	126	1	1	1995	2:05	0	0	0	0	0	0
Flow	127	#####	0	127	1	1	1995	2:06	0	0	0	0	0	0
Flow	128	#####	0	128	1	1	1995	2:07	0	0	0	0	0	0
Flow	129	#####	0	129	1	1	1995	2:08	0	0	0	0	0	0
Flow	130	#####	0	130	1	1	1995	2:09	0	0	0	0	0	0
Flow	131	#####	0	131	1	1	1995	2:10	0	0	0	0	0	0
Flow	132	#####	0	132	1	1	1995	2:11	0	0	0	0	0	0
Flow	133	#####	0	133	1	1	1995	2:12	0	0	0	0	0	0
Flow	134	#####	0	134	1	1	1995	2:13	0	0	0	0	0	0
Flow	135	#####	0	135	1	1	1995	2:14	0	0	0	0	0	0
Flow	136	#####	0	136	1	1	1995	2:15	0	0	0	0	0	0
Flow	137	#####	0	137	1	1	1995	2:16	0	0	0	0	0	0
Flow	138	#####	0	138	1	1	1995	2:17	0	0	0	0	0	0
Flow	139	#####	0	139	1	1	1995	2:18	0	0	0	0	0	0
Flow	140	#####	0	140	1	1	1995	2:19	0	0	0	0	0	0
Flow	141	#####	0	141	1	1	1995	2:20	0	0	0	0	0	0
Flow	142	#####	0	142	1	1	1995	2:21	0	0	0	0	0	0
Flow	143	#####	0	143	1	1	1995	2:22	0	0	0	0	0	0
Flow	144	#####	0	144	1	1	1995	2:23	0	0	0	0	0	0
Flow	145	#####	0	145	1	1	1995	2:24	0	0	0	0	0	0
Flow	146	#####	0	146	1	1	1995	2:25	0	0	0	0	0	0
Flow	147	#####	0	147	1	1	1995	2:26	0	0	0	0	0	0
Flow	148	#####	0	148	1	1	1995	2:27	0	0	0	0	0	0
Flow	149	#####	0	149	1	1	1995	2:28	0	0	0	0	0	0
Flow	150	#####	0	150	1	1	1995	2:29	0	0	0	0	0	0
Flow	151	#####	0	151	1	1	1995	2:30	0	0	0	0	0	0
Flow	152	#####	0	152	1	1	1995	2:31	0	0	0	0	0	0
Flow	153	#####	0	153	1	1	1995	2:32	0	0	0	0	0	0
Flow	154	#####	0	154	1	1	1995	2:33	0	0	0	0	0	0
Flow	155	#####	0	155	1	1	1995	2:34	0	0	0	0	0	0
Flow	156	#####	0	156	1	1	1995	2:35	0	0	0	0	0	0
Flow	157	#####	0	157	1	1	1995	2:36	0	0	0	0	0	0
Flow	158	#####	0	158	1	1	1995	2:37	0	0	0	0	0	0
Flow	159	#####	0	159	1	1	1995	2:38	0	0	0	0	0	0
Flow	160	#####	0	160	1	1	1995	2:39	0	0	0	0	0	0
Flow	161	#####	0	161	1	1	1995	2:40	0	0	0	0	0	0

Flow	162	#####	0	162	1	1	1995	2:41	0	0	0	0	0	0
Flow	163	#####	0	163	1	1	1995	2:42	0	0	0	0	0	0
Flow	164	#####	0	164	1	1	1995	2:43	0	0	0	0	0	0
Flow	165	#####	0	165	1	1	1995	2:44	0	0	0	0	0	0
Flow	166	#####	0	166	1	1	1995	2:45	0	0	0	0	0	0
Flow	167	#####	0	167	1	1	1995	2:46	0	0	0	0	0	0
Flow	168	#####	0	168	1	1	1995	2:47	0	0	0	0	0	0
Flow	169	#####	0	169	1	1	1995	2:48	0	0	0	0	0	0
Flow	170	#####	0	170	1	1	1995	2:49	0	0	0	0	0	0
Flow	171	#####	0	171	1	1	1995	2:50	0	0	0	0	0	0
Flow	172	#####	0	172	1	1	1995	2:51	0	0	0	0	0	0
Flow	173	#####	0	173	1	1	1995	2:52	0	0	0	0	0	0
Flow	174	#####	0	174	1	1	1995	2:53	0	0	0	0	0	0
Flow	175	#####	0	175	1	1	1995	2:54	0	0	0	0	0	0
Flow	176	#####	0	176	1	1	1995	2:55	0	0	0	0	0	0
Flow	177	#####	0	177	1	1	1995	2:56	0	0	0	0	0	0
Flow	178	#####	0	178	1	1	1995	2:57	0	0	0	0	0	0
Flow	179	#####	0	179	1	1	1995	2:58	0	0	0	0	0	0
Flow	180	#####	0	180	1	1	1995	2:59	0	0	0	0	0	0
Flow	181	#####	0	181	1	1	1995	3:00	0	0	0	0	0	0
Flow	182	#####	0	182	1	1	1995	3:01	0	0	0	0	0	0
Flow	183	#####	0	183	1	1	1995	3:02	0	0	0	0	0	0
Flow	184	#####	0	184	1	1	1995	3:03	0	0	0	0	0	0
Flow	185	#####	0	185	1	1	1995	3:04	0	0	0	0	0	0
Flow	186	#####	0	186	1	1	1995	3:05	0	0	0	0	0	0
Flow	187	#####	0	187	1	1	1995	3:06	0	0	0	0	0	0
Flow	188	#####	0	188	1	1	1995	3:07	0	0	0	0	0	0
Flow	189	#####	0	189	1	1	1995	3:08	0	0	0	0	0	0
Flow	190	#####	0	190	1	1	1995	3:09	0	0	0	0	0	0
Flow	191	#####	0	191	1	1	1995	3:10	0	0	0	0	0	0
Flow	192	#####	0	192	1	1	1995	3:11	0	0	0	0	0	0
Flow	193	#####	0	193	1	1	1995	3:12	0	0	0	0	0	0
Flow	194	#####	0	194	1	1	1995	3:13	0	0	0	0	0	0
Flow	195	#####	0	195	1	1	1995	3:14	0	0	0	0	0	0
Flow	196	#####	0	196	1	1	1995	3:15	0	0	0	0	0	0
Flow	197	#####	0	197	1	1	1995	3:16	0	0	0	0	0	0
Flow	198	#####	0	198	1	1	1995	3:17	0	0	0	0	0	0
Flow	199	#####	0	199	1	1	1995	3:18	0	0	0	0	0	0
Flow	200	#####	0	200	1	1	1995	3:19	0	0	0	0	0	0
Flow	201	#####	0	201	1	1	1995	3:20	0	0	0	0	0	0
Flow	202	#####	0	202	1	1	1995	3:21	0	0	0	0	0	0
Flow	203	#####	0	203	1	1	1995	3:22	0	0	0	0	0	0
Flow	204	#####	0	204	1	1	1995	3:23	0	0	0	0	0	0
Flow	205	#####	0	205	1	1	1995	3:24	0	0	0	0	0	0
Flow	206	#####	0	206	1	1	1995	3:25	0	0	0	0	0	0
Flow	207	#####	0	207	1	1	1995	3:26	0	0	0	0	0	0
Flow	208	#####	0	208	1	1	1995	3:27	0	0	0	0	0	0
Flow	209	#####	0	209	1	1	1995	3:28	0	0	0	0	0	0
Flow	210	#####	0	210	1	1	1995	3:29	0	0	0	0	0	0
Flow	211	#####	0	211	1	1	1995	3:30	0	0	0	0	0	0
Flow	212	#####	0	212	1	1	1995	3:31	0	0	0	0	0	0
Flow	213	#####	0	213	1	1	1995	3:32	0	0	0	0	0	0
Flow	214	#####	0	214	1	1	1995	3:33	0	0	0	0	0	0
Flow	215	#####	0	215	1	1	1995	3:34	0	0	0	0	0	0
Flow	216	#####	0	216	1	1	1995	3:35	0	0	0	0	0	0
Flow	217	#####	0	217	1	1	1995	3:36	0	0	0	0	0	0
Flow	218	#####	0	218	1	1	1995	3:37	0	0	0	0	0	0

Flow	219	#####	0	219	1	1	1995	3:38	0	0	0	0	0	0
Flow	220	#####	0	220	1	1	1995	3:39	0	0	0	0	0	0
Flow	221	#####	0	221	1	1	1995	3:40	0	0	0	0	0	0
Flow	222	#####	0	222	1	1	1995	3:41	0	0	0	0	0	0
Flow	223	#####	0	223	1	1	1995	3:42	0	0	0	0	0	0
Flow	224	#####	0	224	1	1	1995	3:43	0	0	0	0	0	0
Flow	225	#####	0	225	1	1	1995	3:44	0	0	0	0	0	0
Flow	226	#####	0	226	1	1	1995	3:45	0	0	0	0	0	0
Flow	227	#####	0	227	1	1	1995	3:46	0	0	0	0	0	0
Flow	228	#####	0	228	1	1	1995	3:47	0	0	0	0	0	0
Flow	229	#####	0	229	1	1	1995	3:48	0	0	0	0	0	0
Flow	230	#####	0	230	1	1	1995	3:49	0	0	0	0	0	0
Flow	231	#####	0	231	1	1	1995	3:50	0	0	0	0	0	0
Flow	232	#####	0	232	1	1	1995	3:51	0	0	0	0	0	0
Flow	233	#####	0	233	1	1	1995	3:52	0	0	0	0	0	0
Flow	234	#####	0	234	1	1	1995	3:53	0	0	0	0	0	0
Flow	235	#####	0	235	1	1	1995	3:54	0	0	0	0	0	0
Flow	236	#####	0	236	1	1	1995	3:55	0	0	0	0	0	0
Flow	237	#####	0	237	1	1	1995	3:56	0	0	0	0	0	0
Flow	238	#####	0	238	1	1	1995	3:57	0	0	0	0	0	0
Flow	239	#####	0	239	1	1	1995	3:58	0	0	0	0	0	0
Flow	240	#####	0	240	1	1	1995	3:59	0	0	0	0	0	0
Flow	241	#####	0	241	1	1	1995	4:00	0	0	0	0	0	0
Flow	242	#####	0	242	1	1	1995	4:01	0	0	0	0	0	0
Flow	243	#####	0	243	1	1	1995	4:02	0	0	0	0	0	0
Flow	244	#####	0	244	1	1	1995	4:03	0	0	0	0	0	0
Flow	245	#####	0	245	1	1	1995	4:04	0	0	0	0	0	0
Flow	246	#####	0	246	1	1	1995	4:05	0	0	0	0	0	0
Flow	247	#####	0	247	1	1	1995	4:06	0	0	0	0	0	0
Flow	248	#####	0	248	1	1	1995	4:07	0	0	0	0	0	0
Flow	249	#####	0	249	1	1	1995	4:08	0	0	0	0	0	0
Flow	250	#####	0	250	1	1	1995	4:09	0	0	0	0	0	0
Flow	251	#####	0	251	1	1	1995	4:10	0	0	0	0	0	0
Flow	252	#####	0	252	1	1	1995	4:11	0	0	0	0	0	0
Flow	253	#####	0	253	1	1	1995	4:12	0	0	0	0	0	0
Flow	254	#####	0	254	1	1	1995	4:13	0	0	0	0	0	0
Flow	255	#####	0	255	1	1	1995	4:14	0	0	0	0	0	0
Flow	256	#####	0	256	1	1	1995	4:15	0	0	0	0	0	0
Flow	257	#####	0	257	1	1	1995	4:16	0	0	0	0	0	0
Flow	258	#####	0	258	1	1	1995	4:17	0	0	0	0	0	0
Flow	259	#####	0	259	1	1	1995	4:18	0	0	0	0	0	0
Flow	260	#####	0	260	1	1	1995	4:19	0	0	0	0	0	0
Flow	261	#####	0	261	1	1	1995	4:20	0	0	0	0	0	0
Flow	262	#####	0	262	1	1	1995	4:21	0	0	0	0	0	0
Flow	263	#####	0	263	1	1	1995	4:22	0	0	0	0	0	0
Flow	264	#####	0	264	1	1	1995	4:23	0	0	0	0	0	0
Flow	265	#####	0	265	1	1	1995	4:24	0	0	0	0	0	0
Flow	266	#####	0	266	1	1	1995	4:25	0	0	0	0	0	0
Flow	267	#####	0	267	1	1	1995	4:26	0	0	0	0	0	0
Flow	268	#####	0	268	1	1	1995	4:27	0	0	0	0	0	0
Flow	269	#####	0	269	1	1	1995	4:28	0	0	0	0	0	0
Flow	270	#####	0	270	1	1	1995	4:29	0	0	0	0	0	0
Flow	271	#####	0	271	1	1	1995	4:30	0	0	0	0	0	0
Flow	272	#####	0	272	1	1	1995	4:31	0	0	0	0	0	0
Flow	273	#####	0	273	1	1	1995	4:32	0	0	0	0	0	0
Flow	274	#####	0	274	1	1	1995	4:33	0	0	0	0	0	0
Flow	275	#####	0	275	1	1	1995	4:34	0	0	0	0	0	0

Flow	276	#####	0	276	1	1	1995	4:35	0	0	0	0	0	0
Flow	277	#####	0	277	1	1	1995	4:36	0	0	0	0	0	0
Flow	278	#####	0	278	1	1	1995	4:37	0	0	0	0	0	0
Flow	279	#####	0	279	1	1	1995	4:38	0	0	0	0	0	0
Flow	280	#####	0	280	1	1	1995	4:39	0	0	0	0	0	0
Flow	281	#####	0	281	1	1	1995	4:40	0	0	0	0	0	0
Flow	282	#####	0	282	1	1	1995	4:41	0	0	0	0	0	0
Flow	283	#####	0	283	1	1	1995	4:42	0	0	0	0	0	0
Flow	284	#####	0	284	1	1	1995	4:43	0	0	0	0	0	0
Flow	285	#####	0	285	1	1	1995	4:44	0	0	0	0	0	0
Flow	286	#####	0	286	1	1	1995	4:45	0	0	0	0	0	0
Flow	287	#####	0	287	1	1	1995	4:46	0	0	0	0	0	0
Flow	288	#####	0	288	1	1	1995	4:47	0	0	0	0	0	0
Flow	289	#####	0	289	1	1	1995	4:48	0	0	0	0	0	0
Flow	290	#####	0	290	1	1	1995	4:49	0	0	0	0	0	0
Flow	291	#####	0	291	1	1	1995	4:50	0	0	0	0	0	0
Flow	292	#####	0	292	1	1	1995	4:51	0	0	0	0	0	0
Flow	293	#####	0	293	1	1	1995	4:52	0	0	0	0	0	0
Flow	294	#####	0	294	1	1	1995	4:53	0	0	0	0	0	0
Flow	295	#####	0	295	1	1	1995	4:54	0	0	0	0	0	0
Flow	296	#####	0	296	1	1	1995	4:55	0	0	0	0	0	0
Flow	297	#####	0	297	1	1	1995	4:56	0	0	0	0	0	0
Flow	298	#####	0	298	1	1	1995	4:57	0	0	0	0	0	0
Flow	299	#####	0	299	1	1	1995	4:58	0	0	0	0	0	0
Flow	300	#####	0	300	1	1	1995	4:59	0	0	0	0	0	0
Flow	301	#####	0	301	1	1	1995	5:00	0	0	0	0	0	0
Flow	302	#####	0	302	1	1	1995	5:01	0	0	0	0	0	0
Flow	303	#####	0	303	1	1	1995	5:02	0	0	0	0	0	0
Flow	304	#####	0	304	1	1	1995	5:03	0	0	0	0	0	0
Flow	305	#####	0	305	1	1	1995	5:04	0	0	0	0	0	0
Flow	306	#####	0	306	1	1	1995	5:05	0	0	0	0	0	0
Flow	307	#####	0	307	1	1	1995	5:06	0	0	0	0	0	0
Flow	308	#####	0	308	1	1	1995	5:07	0	0	0	0	0	0
Flow	309	#####	0	309	1	1	1995	5:08	0	0	0	0	0	0
Flow	310	#####	0	310	1	1	1995	5:09	0	0	0	0	0	0
Flow	311	#####	0	311	1	1	1995	5:10	0	0	0	0	0	0
Flow	312	#####	0	312	1	1	1995	5:11	0	0	0	0	0	0
Flow	313	#####	0	313	1	1	1995	5:12	0	0	0	0	0	0
Flow	314	#####	0	314	1	1	1995	5:13	0	0	0	0	0	0
Flow	315	#####	0	315	1	1	1995	5:14	0	0	0	0	0	0
Flow	316	#####	0	316	1	1	1995	5:15	0	0	0	0	0	0
Flow	317	#####	0	317	1	1	1995	5:16	0	0	0	0	0	0
Flow	318	#####	0	318	1	1	1995	5:17	0	0	0	0	0	0
Flow	319	#####	0	319	1	1	1995	5:18	0	0	0	0	0	0
Flow	320	#####	0	320	1	1	1995	5:19	0	0	0	0	0	0
Flow	321	#####	0	321	1	1	1995	5:20	0	0	0	0	0	0
Flow	322	#####	0	322	1	1	1995	5:21	0	0	0	0	0	0
Flow	323	#####	0	323	1	1	1995	5:22	0	0	0	0	0	0
Flow	324	#####	0	324	1	1	1995	5:23	0	0	0	0	0	0
Flow	325	#####	0	325	1	1	1995	5:24	0	0	0	0	0	0
Flow	326	#####	0	326	1	1	1995	5:25	0	0	0	0	0	0
Flow	327	#####	0.001	327	1	1	1995	5:26	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	328	#####	0.001	328	1	1	1995	5:27	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	329	#####	0.001	329	1	1	1995	5:28	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	330	#####	0.001	330	1	1	1995	5:29	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	331	#####	0.001	331	1	1	1995	5:30	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	332	#####	0.001	332	1	1	1995	5:31	0.001	0.06	0.06	3.13E-06	0.001	0.06

Flow	333	#####	0.001	333	1	1	1995	5:32	0.001	0.06	0.06	3.13E-06	0.001	0.06
Flow	334	#####	0.002	334	1	1	1995	5:33	0.002	0.12	0.12	6.25E-06	0.002	0.12
Flow	335	#####	0.002	335	1	1	1995	5:34	0.002	0.12	0.12	6.25E-06	0.002	0.12
Flow	336	#####	0.002	336	1	1	1995	5:35	0.002	0.12	0.12	6.25E-06	0.002	0.12
Flow	337	#####	0.002	337	1	1	1995	5:36	0.002	0.12	0.12	6.25E-06	0.002	0.12
Flow	338	#####	0.003	338	1	1	1995	5:37	0.003	0.18	0.18	9.38E-06	0.003	0.18
Flow	339	#####	0.003	339	1	1	1995	5:38	0.003	0.18	0.18	9.38E-06	0.003	0.18
Flow	340	#####	0.003	340	1	1	1995	5:39	0.003	0.18	0.18	9.38E-06	0.003	0.18
Flow	341	#####	0.004	341	1	1	1995	5:40	0.004	0.24	0.24	1.25E-05	0.004	0.24
Flow	342	#####	0.004	342	1	1	1995	5:41	0.004	0.24	0.24	1.25E-05	0.004	0.24
Flow	343	#####	0.004	343	1	1	1995	5:42	0.004	0.24	0.24	1.25E-05	0.004	0.24
Flow	344	#####	0.005	344	1	1	1995	5:43	0.005	0.3	0.3	1.56E-05	0.005	0.3
Flow	345	#####	0.005	345	1	1	1995	5:44	0.005	0.3	0.3	1.56E-05	0.005	0.3
Flow	346	#####	0.006	346	1	1	1995	5:45	0.006	0.36	0.36	1.88E-05	0.006	0.36
Flow	347	#####	0.006	347	1	1	1995	5:46	0.006	0.36	0.36	1.88E-05	0.006	0.36
Flow	348	#####	0.007	348	1	1	1995	5:47	0.007	0.42	0.42	2.19E-05	0.007	0.42
Flow	349	#####	0.008	349	1	1	1995	5:48	0.008	0.48	0.48	0.000025	0.008	0.48
Flow	350	#####	0.008	350	1	1	1995	5:49	0.008	0.48	0.48	0.000025	0.008	0.48
Flow	351	#####	0.009	351	1	1	1995	5:50	0.009	0.54	0.54	2.81E-05	0.009	0.54
Flow	352	#####	0.009	352	1	1	1995	5:51	0.009	0.54	0.54	2.81E-05	0.009	0.54
Flow	353	#####	0.01	353	1	1	1995	5:52	0.01	0.6	0.6	3.13E-05	0.01	0.6
Flow	354	#####	0.011	354	1	1	1995	5:53	0.011	0.66	0.66	3.44E-05	0.011	0.66
Flow	355	#####	0.012	355	1	1	1995	5:54	0.012	0.72	0.72	3.75E-05	0.012	0.72
Flow	356	#####	0.013	356	1	1	1995	5:55	0.013	0.78	0.78	4.06E-05	0.013	0.78
Flow	357	#####	0.013	357	1	1	1995	5:56	0.013	0.78	0.78	4.06E-05	0.013	0.78
Flow	358	#####	0.014	358	1	1	1995	5:57	0.014	0.84	0.84	4.38E-05	0.014	0.84
Flow	359	#####	0.015	359	1	1	1995	5:58	0.015	0.9	0.9	4.69E-05	0.015	0.9
Flow	360	#####	0.016	360	1	1	1995	5:59	0.016	0.96	0.96	0.00005	0.016	0.96
Flow	361	#####	0.017	361	1	1	1995	6:00	0.017	1.02	1.02	5.31E-05	0.017	1.02
Flow	362	#####	0.018	362	1	1	1995	6:01	0.018	1.08	1.08	5.63E-05	0.018	1.08
Flow	363	#####	0.019	363	1	1	1995	6:02	0.019	1.14	1.14	5.94E-05	0.019	1.14
Flow	364	#####	0.02	364	1	1	1995	6:03	0.02	1.2	1.2	6.25E-05	0.02	1.2
Flow	365	#####	0.021	365	1	1	1995	6:04	0.021	1.26	1.26	6.56E-05	0.021	1.26
Flow	366	#####	0.022	366	1	1	1995	6:05	0.022	1.32	1.32	6.88E-05	0.022	1.32
Flow	367	#####	0.023	367	1	1	1995	6:06	0.023	1.38	1.38	7.19E-05	0.023	1.38
Flow	368	#####	0.024	368	1	1	1995	6:07	0.024	1.44	1.44	7.5E-05	0.024	1.44
Flow	369	#####	0.025	369	1	1	1995	6:08	0.025	1.5	1.5	7.81E-05	0.025	1.5
Flow	370	#####	0.027	370	1	1	1995	6:09	0.027	1.62	1.62	8.44E-05	0.027	1.62
Flow	371	#####	0.028	371	1	1	1995	6:10	0.028	1.68	1.68	8.75E-05	0.028	1.68
Flow	372	#####	0.029	372	1	1	1995	6:11	0.029	1.74	1.74	9.06E-05	0.029	1.74
Flow	373	#####	0.03	373	1	1	1995	6:12	0.03	1.8	1.8	9.38E-05	0.03	1.8
Flow	374	#####	0.032	374	1	1	1995	6:13	0.032	1.92	1.92	0.0001	0.032	1.92
Flow	375	#####	0.033	375	1	1	1995	6:14	0.033	1.98	1.98	0.000103	0.033	1.98
Flow	376	#####	0.034	376	1	1	1995	6:15	0.034	2.04	2.04	0.000106	0.034	2.04
Flow	377	#####	0.035	377	1	1	1995	6:16	0.035	2.1	2.1	0.000109	0.035	2.1
Flow	378	#####	0.037	378	1	1	1995	6:17	0.037	2.22	2.22	0.000116	0.037	2.22
Flow	379	#####	0.038	379	1	1	1995	6:18	0.038	2.28	2.28	0.000119	0.038	2.28
Flow	380	#####	0.04	380	1	1	1995	6:19	0.04	2.4	2.4	0.000125	0.04	2.4
Flow	381	#####	0.041	381	1	1	1995	6:20	0.041	2.46	2.46	0.000128	0.041	2.46
Flow	382	#####	0.042	382	1	1	1995	6:21	0.042	2.52	2.52	0.000131	0.042	2.52
Flow	383	#####	0.044	383	1	1	1995	6:22	0.044	2.64	2.64	0.000138	0.044	2.64
Flow	384	#####	0.045	384	1	1	1995	6:23	0.045	2.7	2.7	0.000141	0.045	2.7
Flow	385	#####	0.047	385	1	1	1995	6:24	0.047	2.82	2.82	0.000147	0.047	2.82
Flow	386	#####	0.048	386	1	1	1995	6:25	0.048	2.88	2.88	0.00015	0.048	2.88
Flow	387	#####	0.05	387	1	1	1995	6:26	0.05	3	3	0.000156	0.05	3
Flow	388	#####	0.051	388	1	1	1995	6:27	0.051	3.06	3.06	0.000159	0.051	3.06
Flow	389	#####	0.053	389	1	1	1995	6:28	0.053	3.18	3.18	0.000166	0.053	3.18

Flow	390	#####	0.054	390	1	1	1995	6:29	0.054	3.24	3.24	0.000169	0.054	3.24
Flow	391	#####	0.056	391	1	1	1995	6:30	0.056	3.36	3.36	0.000175	0.056	3.36
Flow	392	#####	0.057	392	1	1	1995	6:31	0.057	3.42	3.42	0.000178	0.057	3.42
Flow	393	#####	0.059	393	1	1	1995	6:32	0.059	3.54	3.54	0.000184	0.059	3.54
Flow	394	#####	0.061	394	1	1	1995	6:33	0.061	3.66	3.66	0.000191	0.061	3.66
Flow	395	#####	0.062	395	1	1	1995	6:34	0.062	3.72	3.72	0.000194	0.062	3.72
Flow	396	#####	0.064	396	1	1	1995	6:35	0.064	3.84	3.84	0.0002	0.064	3.84
Flow	397	#####	0.066	397	1	1	1995	6:36	0.066	3.96	3.96	0.000206	0.066	3.96
Flow	398	#####	0.067	398	1	1	1995	6:37	0.067	4.02	4.02	0.000209	0.067	4.02
Flow	399	#####	0.069	399	1	1	1995	6:38	0.069	4.14	4.14	0.000216	0.069	4.14
Flow	400	#####	0.071	400	1	1	1995	6:39	0.071	4.26	4.26	0.000222	0.071	4.26
Flow	401	#####	0.072	401	1	1	1995	6:40	0.072	4.32	4.32	0.000225	0.072	4.32
Flow	402	#####	0.074	402	1	1	1995	6:41	0.074	4.44	4.44	0.000231	0.074	4.44
Flow	403	#####	0.076	403	1	1	1995	6:42	0.076	4.56	4.56	0.000238	0.076	4.56
Flow	404	#####	0.077	404	1	1	1995	6:43	0.077	4.62	4.62	0.000241	0.077	4.62
Flow	405	#####	0.079	405	1	1	1995	6:44	0.079	4.74	4.74	0.000247	0.079	4.74
Flow	406	#####	0.081	406	1	1	1995	6:45	0.081	4.86	4.86	0.000253	0.081	4.86
Flow	407	#####	0.083	407	1	1	1995	6:46	0.083	4.98	4.98	0.000259	0.083	4.98
Flow	408	#####	0.084	408	1	1	1995	6:47	0.084	5.04	5.04	0.000263	0.084	5.04
Flow	409	#####	0.086	409	1	1	1995	6:48	0.086	5.16	5.16	0.000269	0.086	5.16
Flow	410	#####	0.088	410	1	1	1995	6:49	0.088	5.28	5.28	0.000275	0.088	5.28
Flow	411	#####	0.09	411	1	1	1995	6:50	0.09	5.4	5.4	0.000281	0.09	5.4
Flow	412	#####	0.092	412	1	1	1995	6:51	0.092	5.52	5.52	0.000288	0.092	5.52
Flow	413	#####	0.093	413	1	1	1995	6:52	0.093	5.58	5.58	0.000291	0.093	5.58
Flow	414	#####	0.095	414	1	1	1995	6:53	0.095	5.7	5.7	0.000297	0.095	5.7
Flow	415	#####	0.097	415	1	1	1995	6:54	0.097	5.82	5.82	0.000303	0.097	5.82
Flow	416	#####	0.099	416	1	1	1995	6:55	0.099	5.94	5.94	0.000309	0.099	5.94
Flow	417	#####	0.101	417	1	1	1995	6:56	0.101	6.06	6.06	0.000316	0.101	6.06
Flow	418	#####	0.103	418	1	1	1995	6:57	0.103	6.18	6.18	0.000322	0.103	6.18
Flow	419	#####	0.104	419	1	1	1995	6:58	0.104	6.24	6.24	0.000325	0.104	6.24
Flow	420	#####	0.106	420	1	1	1995	6:59	0.106	6.36	6.36	0.000331	0.106	6.36
Flow	421	#####	0.108	421	1	1	1995	7:00	0.108	6.48	6.48	0.000338	0.108	6.48
Flow	422	#####	0.11	422	1	1	1995	7:01	0.11	6.6	6.6	0.000344	0.11	6.6
Flow	423	#####	0.112	423	1	1	1995	7:02	0.112	6.72	6.72	0.00035	0.112	6.72
Flow	424	#####	0.114	424	1	1	1995	7:03	0.114	6.84	6.84	0.000356	0.114	6.84
Flow	425	#####	0.116	425	1	1	1995	7:04	0.116	6.96	6.96	0.000363	0.116	6.96
Flow	426	#####	0.118	426	1	1	1995	7:05	0.118	7.08	7.08	0.000369	0.118	7.08
Flow	427	#####	0.12	427	1	1	1995	7:06	0.12	7.2	7.2	0.000375	0.12	7.2
Flow	428	#####	0.121	428	1	1	1995	7:07	0.121	7.26	7.26	0.000378	0.121	7.26
Flow	429	#####	0.123	429	1	1	1995	7:08	0.123	7.38	7.38	0.000384	0.123	7.38
Flow	430	#####	0.125	430	1	1	1995	7:09	0.125	7.5	7.5	0.000391	0.125	7.5
Flow	431	#####	0.127	431	1	1	1995	7:10	0.127	7.62	7.62	0.000397	0.127	7.62
Flow	432	#####	0.129	432	1	1	1995	7:11	0.129	7.74	7.74	0.000403	0.129	7.74
Flow	433	#####	0.131	433	1	1	1995	7:12	0.131	7.86	7.86	0.000409	0.131	7.86
Flow	434	#####	0.133	434	1	1	1995	7:13	0.133	7.98	7.98	0.000416	0.133	7.98
Flow	435	#####	0.135	435	1	1	1995	7:14	0.135	8.1	8.1	0.000422	0.135	8.1
Flow	436	#####	0.137	436	1	1	1995	7:15	0.137	8.22	8.22	0.000428	0.137	8.22
Flow	437	#####	0.139	437	1	1	1995	7:16	0.139	8.34	8.34	0.000434	0.139	8.34
Flow	438	#####	0.141	438	1	1	1995	7:17	0.141	8.46	8.46	0.000441	0.141	8.46
Flow	439	#####	0.143	439	1	1	1995	7:18	0.143	8.58	8.58	0.000447	0.143	8.58
Flow	440	#####	0.145	440	1	1	1995	7:19	0.145	8.7	8.7	0.000453	0.145	8.7
Flow	441	#####	0.147	441	1	1	1995	7:20	0.147	8.82	8.82	0.000459	0.147	8.82
Flow	442	#####	0.149	442	1	1	1995	7:21	0.149	8.94	8.94	0.000466	0.149	8.94
Flow	443	#####	0.151	443	1	1	1995	7:22	0.151	9.06	9.06	0.000472	0.151	9.06
Flow	444	#####	0.153	444	1	1	1995	7:23	0.153	9.18	9.18	0.000478	0.153	9.18
Flow	445	#####	0.155	445	1	1	1995	7:24	0.155	9.3	9.3	0.000484	0.155	9.3
Flow	446	#####	0.157	446	1	1	1995	7:25	0.157	9.42	9.42	0.000491	0.157	9.42

Flow	447	#####	0.159	447	1	1	1995	7:26	0.159	9.54	9.54	0.000497	0.159	9.54
Flow	448	#####	0.161	448	1	1	1995	7:27	0.161	9.66	9.66	0.000503	0.161	9.66
Flow	449	#####	0.163	449	1	1	1995	7:28	0.163	9.78	9.78	0.000509	0.163	9.78
Flow	450	#####	0.165	450	1	1	1995	7:29	0.165	9.9	9.9	0.000516	0.165	9.9
Flow	451	#####	0.167	451	1	1	1995	7:30	0.167	10.02	10.02	0.000522	0.167	10.02
Flow	452	#####	0.169	452	1	1	1995	7:31	0.169	10.14	10.14	0.000528	0.169	10.14
Flow	453	#####	0.172	453	1	1	1995	7:32	0.172	10.32	10.32	0.000538	0.172	10.32
Flow	454	#####	0.174	454	1	1	1995	7:33	0.174	10.44	10.44	0.000544	0.174	10.44
Flow	455	#####	0.176	455	1	1	1995	7:34	0.176	10.56	10.56	0.00055	0.176	10.56
Flow	456	#####	0.178	456	1	1	1995	7:35	0.178	10.68	10.68	0.000556	0.178	10.68
Flow	457	#####	0.18	457	1	1	1995	7:36	0.18	10.8	10.8	0.000563	0.18	10.8
Flow	458	#####	0.182	458	1	1	1995	7:37	0.182	10.92	10.92	0.000569	0.182	10.92
Flow	459	#####	0.184	459	1	1	1995	7:38	0.184	11.04	11.04	0.000575	0.184	11.04
Flow	460	#####	0.186	460	1	1	1995	7:39	0.186	11.16	11.16	0.000581	0.186	11.16
Flow	461	#####	0.188	461	1	1	1995	7:40	0.188	11.28	11.28	0.000588	0.188	11.28
Flow	462	#####	0.191	462	1	1	1995	7:41	0.191	11.46	11.46	0.000597	0.191	11.46
Flow	463	#####	0.193	463	1	1	1995	7:42	0.193	11.58	11.58	0.000603	0.193	11.58
Flow	464	#####	0.195	464	1	1	1995	7:43	0.195	11.7	11.7	0.000609	0.195	11.7
Flow	465	#####	0.197	465	1	1	1995	7:44	0.197	11.82	11.82	0.000616	0.197	11.82
Flow	466	#####	0.199	466	1	1	1995	7:45	0.199	11.94	11.94	0.000622	0.199	11.94
Flow	467	#####	0.202	467	1	1	1995	7:46	0.202	12.12	12.12	0.000631	0.202	12.12
Flow	468	#####	0.204	468	1	1	1995	7:47	0.204	12.24	12.24	0.000638	0.204	12.24
Flow	469	#####	0.206	469	1	1	1995	7:48	0.206	12.36	12.36	0.000644	0.206	12.36
Flow	470	#####	0.208	470	1	1	1995	7:49	0.208	12.48	12.48	0.00065	0.208	12.48
Flow	471	#####	0.21	471	1	1	1995	7:50	0.21	12.6	12.6	0.000656	0.21	12.6
Flow	472	#####	0.213	472	1	1	1995	7:51	0.213	12.78	12.78	0.000666	0.213	12.78
Flow	473	#####	0.215	473	1	1	1995	7:52	0.215	12.9	12.9	0.000672	0.215	12.9
Flow	474	#####	0.217	474	1	1	1995	7:53	0.217	13.02	13.02	0.000678	0.217	13.02
Flow	475	#####	0.219	475	1	1	1995	7:54	0.219	13.14	13.14	0.000684	0.219	13.14
Flow	476	#####	0.221	476	1	1	1995	7:55	0.221	13.26	13.26	0.000691	0.221	13.26
Flow	477	#####	0.224	477	1	1	1995	7:56	0.224	13.44	13.44	0.0007	0.224	13.44
Flow	478	#####	0.226	478	1	1	1995	7:57	0.226	13.56	13.56	0.000706	0.226	13.56
Flow	479	#####	0.228	479	1	1	1995	7:58	0.228	13.68	13.68	0.000713	0.228	13.68
Flow	480	#####	0.23	480	1	1	1995	7:59	0.23	13.8	13.8	0.000719	0.23	13.8
Flow	481	#####	0.233	481	1	1	1995	8:00	0.233	13.98	13.98	0.000728	0.233	13.98
Flow	482	#####	0.235	482	1	1	1995	8:01	0.235	14.1	14.1	0.000734	0.235	14.1
Flow	483	#####	0.237	483	1	1	1995	8:02	0.237	14.22	14.22	0.000741	0.237	14.22
Flow	484	#####	0.239	484	1	1	1995	8:03	0.239	14.34	14.34	0.000747	0.239	14.34
Flow	485	#####	0.242	485	1	1	1995	8:04	0.242	14.52	14.52	0.000756	0.241790769	14.50744614
Flow	486	#####	0.244	486	1	1	1995	8:05	0.244	14.64	14.65255	0.000763	0.242891922	14.57351532
Flow	487	#####	0.246	487	1	1	1995	8:06	0.246	14.76	14.83904	0.000773	0.244432691	14.66596148
Flow	488	#####	0.248	488	1	1	1995	8:07	0.248	14.88	15.05308	0.000784	0.24618923	14.77135382
Flow	489	#####	0.25	489	1	1	1995	8:08	0.25	15	15.28172	0.000796	0.248051909	14.88311452
Flow	490	#####	0.253	490	1	1	1995	8:09	0.253	15.18	15.57861	0.000811	0.250449831	15.02698986
Flow	491	#####	0.255	491	1	1	1995	8:10	0.255	15.3	15.85162	0.000826	0.252634826	15.15808958
Flow	492	#####	0.257	492	1	1	1995	8:11	0.257	15.42	16.11353	0.000839	0.254713372	15.28280229
Flow	493	#####	0.259	493	1	1	1995	8:12	0.259	15.54	16.37073	0.000853	0.25673814	15.40428842
Flow	494	#####	0.262	494	1	1	1995	8:13	0.262	15.72	16.68644	0.000869	0.259201932	15.55211595
Flow	495	#####	0.264	495	1	1	1995	8:14	0.264	15.84	16.97432	0.000884	0.261428321	15.68569928
Flow	496	#####	0.266	496	1	1	1995	8:15	0.266	15.96	17.24862	0.000898	0.263532163	15.81192981
Flow	497	#####	0.268	497	1	1	1995	8:16	0.268	16.08	17.51669	0.000912	0.265572116	15.93432696
Flow	498	#####	0.271	498	1	1	1995	8:17	0.271	16.26	17.84237	0.000929	0.268029525	16.08177151
Flow	499	#####	0.273	499	1	1	1995	8:18	0.273	16.38	18.1406	0.000945	0.270260249	16.21561494
Flow	500	#####	0.275	500	1	1	1995	8:19	0.275	16.5	18.42498	0.00096	0.272370408	16.34222451
Flow	501	#####	0.278	501	1	1	1995	8:20	0.278	16.68	18.76276	0.000977	0.274855682	16.49134091
Flow	502	#####	0.28	502	1	1	1995	8:21	0.28	16.8	19.07141	0.000993	0.277107234	16.62643403
Flow	503	#####	0.282	503	1	1	1995	8:22	0.282	16.92	19.36498	0.001009	0.279231843	16.75391055

Flow	504	#####	0.285	504	1	1	1995	8:23	0.285	17.1	19.71107	0.001027	0.281715998	16.90295985
Flow	505	#####	0.287	505	1	1	1995	8:24	0.287	17.22	20.02811	0.001043	0.283972572	17.03835432
Flow	506	#####	0.29	506	1	1	1995	8:25	0.29	17.4	20.38976	0.001062	0.286524934	17.19149607
Flow	507	#####	0.292	507	1	1	1995	8:26	0.292	17.52	20.71826	0.001079	0.288823846	17.32943074
Flow	508	#####	0.294	508	1	1	1995	8:27	0.294	17.64	21.02883	0.001095	0.290980546	17.45883275
Flow	509	#####	0.297	509	1	1	1995	8:28	0.297	17.82	21.39	0.001114	0.293468683	17.60812101
Flow	510	#####	0.299	510	1	1	1995	8:29	0.299	17.94	21.72188	0.001131	0.295736594	17.74419565
Flow	511	#####	0.302	511	1	1	1995	8:30	0.302	18.12	22.09768	0.001151	0.298283854	17.89703123
Flow	512	#####	0.304	512	1	1	1995	8:31	0.304	18.24	22.44065	0.001169	0.30058971	18.03538261
Flow	513	#####	0.307	513	1	1	1995	8:32	0.307	18.42	22.82527	0.001189	0.303154717	18.18928305
Flow	514	#####	0.31	514	1	1	1995	8:33	0.31	18.6	23.23598	0.00121	0.305870034	18.35220205
Flow	515	#####	0.312	515	1	1	1995	8:34	0.312	18.72	23.60378	0.001229	0.308281309	18.49687854
Flow	516	#####	0.315	516	1	1	1995	8:35	0.315	18.9	24.0069	0.00125	0.310902683	18.65416099
Flow	517	#####	0.318	517	1	1	1995	8:36	0.318	19.08	24.43274	0.001273	0.313647988	18.81887928
Flow	518	#####	0.321	518	1	1	1995	8:37	0.321	19.26	24.87386	0.001296	0.3164667	18.98800199
Flow	519	#####	0.324	519	1	1	1995	8:38	0.324	19.44	25.32586	0.001319	0.319329109	19.15974653
Flow	520	#####	0.326	520	1	1	1995	8:39	0.326	19.56	25.72611	0.00134	0.321842578	19.31055469
Flow	521	#####	0.329	521	1	1	1995	8:40	0.329	19.74	26.15556	0.001362	0.324517715	19.4710629
Flow	522	#####	0.332	522	1	1	1995	8:41	0.332	19.92	26.6045	0.001386	0.327290896	19.63745376
Flow	523	#####	0.335	523	1	1	1995	8:42	0.335	20.1	27.06704	0.00141	0.330123779	19.80742672
Flow	524	#####	0.339	524	1	1	1995	8:43	0.339	20.34	27.59962	0.001437	0.333355729	20.00134374
Flow	525	#####	0.342	525	1	1	1995	8:44	0.342	20.52	28.11827	0.001464	0.336473387	20.1884032
Flow	526	#####	0.345	526	1	1	1995	8:45	0.345	20.7	28.62987	0.001491	0.339520565	20.37123388
Flow	527	#####	0.348	527	1	1	1995	8:46	0.348	20.88	29.13863	0.001518	0.342524	20.55143998
Flow	528	#####	0.351	528	1	1	1995	8:47	0.351	21.06	29.64719	0.001544	0.345500126	20.73000756
Flow	529	#####	0.355	529	1	1	1995	8:48	0.355	21.3	30.21719	0.001574	0.34880558	20.92833483
Flow	530	#####	0.358	530	1	1	1995	8:49	0.358	21.48	30.76885	0.001603	0.351975193	21.11851159
Flow	531	#####	0.362	531	1	1	1995	8:50	0.362	21.72	31.37034	0.001634	0.355398856	21.32393135
Flow	532	#####	0.365	532	1	1	1995	8:51	0.365	21.9	31.94641	0.001664	0.358647191	21.51883146
Flow	533	#####	0.369	533	1	1	1995	8:52	0.369	22.14	32.56758	0.001696	0.362117187	21.72703121
Flow	534	#####	0.373	534	1	1	1995	8:53	0.373	22.38	33.22055	0.00173	0.365729334	21.94376004
Flow	535	#####	0.377	535	1	1	1995	8:54	0.377	22.62	33.89679	0.001765	0.369432988	22.16597928
Flow	536	#####	0.38	536	1	1	1995	8:55	0.38	22.8	34.53081	0.001798	0.372872002	22.37232009
Flow	537	#####	0.384	537	1	1	1995	8:56	0.384	23.04	35.19849	0.001833	0.376459627	22.5875776
Flow	538	#####	0.388	538	1	1	1995	8:57	0.388	23.28	35.89091	0.001869	0.380144438	22.80866628
Flow	539	#####	0.392	539	1	1	1995	8:58	0.392	23.52	36.60224	0.001906	0.383893059	23.03358354
Flow	540	#####	0.396	540	1	1	1995	8:59	0.396	23.76	37.32866	0.001944	0.387683758	23.26102549
Flow	541	#####	0.4	541	1	1	1995	9:00	0.4	24	38.06763	0.001983	0.391502331	23.49013987
Flow	542	#####	0.405	542	1	1	1995	9:01	0.405	24.3	38.87749	0.002025	0.395644873	23.73869236
Flow	543	#####	0.409	543	1	1	1995	9:02	0.409	24.54	39.6788	0.002067	0.399701413	23.98208481
Flow	544	#####	0.413	544	1	1	1995	9:03	0.413	24.78	40.47672	0.002108	0.403700279	24.22201674
Flow	545	#####	0.418	545	1	1	1995	9:04	0.418	25.08	41.3347	0.002153	0.407956452	24.4773871
Flow	546	#####	0.422	546	1	1	1995	9:05	0.422	25.32	42.17731	0.002197	0.412093595	24.7256157
Flow	547	#####	0.426	547	1	1	1995	9:06	0.426	25.56	43.0117	0.00224	0.41614981	24.96898859
Flow	548	#####	0.431	548	1	1	1995	9:07	0.431	25.86	43.90271	0.002287	0.420438103	25.2262862
Flow	549	#####	0.436	549	1	1	1995	9:08	0.436	26.16	44.83642	0.002335	0.424885477	25.49312861
Flow	550	#####	0.44	550	1	1	1995	9:09	0.44	26.4	45.74329	0.002382	0.42916088	25.7496528
Flow	551	#####	0.445	551	1	1	1995	9:10	0.445	26.7	46.69364	0.002432	0.433596013	26.0157608
Flow	552	#####	0.45	552	1	1	1995	9:11	0.45	27	47.67788	0.002483	0.438141993	26.28851958
Flow	553	#####	0.455	553	1	1	1995	9:12	0.455	27.3	48.68936	0.002536	0.442765166	26.56590997
Flow	554	#####	0.459	554	1	1	1995	9:13	0.459	27.54	49.66345	0.002587	0.447172261	26.83033569
Flow	555	#####	0.464	555	1	1	1995	9:14	0.464	27.84	50.67312	0.002639	0.451694925	27.01169551
Flow	556	#####	0.469	556	1	1	1995	9:15	0.469	28.14	51.71142	0.002693	0.456299129	27.37794774
Flow	557	#####	0.474	557	1	1	1995	9:16	0.474	28.44	52.77347	0.002749	0.460961063	27.6576638
Flow	558	#####	0.479	558	1	1	1995	9:17	0.479	28.74	53.85581	0.002805	0.46566402	27.93984119
Flow	559	#####	0.484	559	1	1	1995	9:18	0.484	29.04	54.95597	0.002862	0.470396234	28.22377404
Flow	560	#####	0.49	560	1	1	1995	9:19	0.49	29.4	56.13219	0.002924	0.475403543	28.52421256

Flow	561	#####	0.495	561	1	1	1995	9:20	0.495	29.7	57.30798	0.002985	0.48035682	28.82140918
Flow	562	#####	0.5	562	1	1	1995	9:21	0.5	30	58.48657	0.003046	0.485271169	29.11627014
Flow	563	#####	0.505	563	1	1	1995	9:22	0.505	30.3	59.6703	0.003108	0.490157355	29.40944128
Flow	564	#####	0.51	564	1	1	1995	9:23	0.51	30.6	60.86086	0.00317	0.495023083	29.70138498
Flow	565	#####	0.516	565	1	1	1995	9:24	0.516	30.96	62.11947	0.003235	0.500115479	30.00692874
Flow	566	#####	0.521	566	1	1	1995	9:25	0.521	31.26	63.37255	0.003301	0.505134448	30.3080669
Flow	567	#####	0.526	567	1	1	1995	9:26	0.526	31.56	64.62448	0.003366	0.510099546	30.60597275
Flow	568	#####	0.532	568	1	1	1995	9:27	0.532	31.92	65.93851	0.003434	0.515259445	30.91556672
Flow	569	#####	0.537	569	1	1	1995	9:28	0.537	32.22	67.24294	0.003502	0.520331064	31.21986387
Flow	570	#####	0.542	570	1	1	1995	9:29	0.542	32.52	68.54308	0.00357	0.525337259	31.52023552
Flow	571	#####	0.548	571	1	1	1995	9:30	0.548	32.88	69.90284	0.003641	0.530522515	31.83135092
Flow	572	#####	0.553	572	1	1	1995	9:31	0.553	33.18	71.25149	0.003711	0.535615803	32.1369482
Flow	573	#####	0.559	573	1	1	1995	9:32	0.559	33.54	72.65454	0.003784	0.540863646	32.45181874
Flow	574	#####	0.564	574	1	1	1995	9:33	0.564	33.84	74.04272	0.003856	0.54600623	32.76037381
Flow	575	#####	0.569	575	1	1	1995	9:34	0.569	34.14	75.42235	0.003928	0.551069576	33.06417457
Flow	576	#####	0.575	576	1	1	1995	9:35	0.575	34.5	76.85817	0.004003	0.55629024	33.37741438
Flow	577	#####	0.58	577	1	1	1995	9:36	0.58	34.8	78.28076	0.004077	0.561414887	33.68489322
Flow	578	#####	0.586	578	1	1	1995	9:37	0.586	35.16	79.75587	0.004154	0.566679794	34.00078766
Flow	579	#####	0.591	579	1	1	1995	9:38	0.591	35.46	81.21508	0.00423	0.57184028	34.31041683
Flow	580	#####	0.596	580	1	1	1995	9:39	0.596	35.76	82.66466	0.004305	0.576921011	34.61526066
Flow	581	#####	0.601	581	1	1	1995	9:40	0.601	36.06	84.1094	0.004381	0.58194063	34.91643778
Flow	582	#####	0.607	582	1	1	1995	9:41	0.607	36.42	85.61296	0.004459	0.587119053	35.22714317
Flow	583	#####	0.612	583	1	1	1995	9:42	0.612	36.72	87.10582	0.004537	0.592215809	35.53294853
Flow	584	#####	0.617	584	1	1	1995	9:43	0.617	37.02	88.59287	0.004614	0.597249505	35.83497032
Flow	585	#####	0.622	585	1	1	1995	9:44	0.622	37.32	90.0779	0.004692	0.602234372	36.13406232
Flow	586	#####	0.628	586	1	1	1995	9:45	0.628	37.68	91.62384	0.004772	0.60738023	36.44281378
Flow	587	#####	0.633	587	1	1	1995	9:46	0.633	37.98	93.16103	0.004852	0.612454089	36.74724536
Flow	588	#####	0.638	588	1	1	1995	9:47	0.638	38.28	94.69378	0.004932	0.61747181	37.04830862
Flow	589	#####	0.643	589	1	1	1995	9:48	0.643	38.58	96.22547	0.005012	0.622445645	37.34673868
Flow	590	#####	0.648	590	1	1	1995	9:49	0.648	38.88	97.75873	0.005092	0.627385086	37.64310514
Flow	591	#####	0.653	591	1	1	1995	9:50	0.653	39.18	99.29563	0.005172	0.63229751	37.93785058
Flow	592	#####	0.658	592	1	1	1995	9:51	0.658	39.48	100.8378	0.005252	0.637188663	38.23131979
Flow	593	#####	0.663	593	1	1	1995	9:52	0.663	39.78	102.3865	0.005333	0.642063034	38.52378204
Flow	594	#####	0.668	594	1	1	1995	9:53	0.668	40.08	103.9427	0.005414	0.646924135	38.8154481
Flow	595	#####	0.673	595	1	1	1995	9:54	0.673	40.38	105.5072	0.005495	0.651774722	39.10648334
Flow	596	#####	0.678	596	1	1	1995	9:55	0.678	40.68	107.0807	0.005577	0.656616963	39.39701779
Flow	597	#####	0.683	597	1	1	1995	9:56	0.683	40.98	108.6637	0.00566	0.661452565	39.6871539
Flow	598	#####	0.688	598	1	1	1995	9:57	0.688	41.28	110.2566	0.005743	0.666282876	39.97697255
Flow	599	#####	0.693	599	1	1	1995	9:58	0.693	41.58	111.8596	0.005826	0.671108962	40.26653775
Flow	600	#####	0.698	600	1	1	1995	9:59	0.698	41.88	113.4731	0.00591	0.67593167	40.5559002
Flow	601	#####	0.703	601	1	1	1995	10:00	0.703	42.18	115.0972	0.005995	0.68075167	40.8451002
Flow	602	#####	0.709	602	1	1	1995	10:01	0.709	42.54	116.7921	0.006083	0.685745664	41.14473987
Flow	603	#####	0.714	603	1	1	1995	10:02	0.714	42.84	118.4873	0.006171	0.690704602	41.44227612
Flow	604	#####	0.719	604	1	1	1995	10:03	0.719	43.14	120.185	0.00626	0.69563532	41.73811919
Flow	605	#####	0.724	605	1	1	1995	10:04	0.724	43.44	121.8869	0.006348	0.700543279	42.03259677
Flow	606	#####	0.729	606	1	1	1995	10:05	0.729	43.74	123.5943	0.006437	0.705432853	42.32597117
Flow	607	#####	0.735	607	1	1	1995	10:06	0.735	44.1	125.3684	0.00653	0.71047758	42.62865482
Flow	608	#####	0.74	608	1	1	1995	10:07	0.74	44.4	127.1397	0.006622	0.715479188	42.9287513
Flow	609	#####	0.746	609	1	1	1995	10:08	0.746	44.76	128.971	0.006717	0.720613446	43.23680678
Flow	610	#####	0.751	610	1	1	1995	10:09	0.751	45.06	130.7941	0.006812	0.725689035	43.54134208
Flow	611	#####	0.757	611	1	1	1995	10:10	0.757	45.42	132.6728	0.00691	0.73088216	43.8529296
Flow	612	#####	0.762	612	1	1	1995	10:11	0.762	45.72	134.5399	0.007007	0.736006952	44.16041711
Flow	613	#####	0.768	613	1	1	1995	10:12	0.768	46.08	136.4595	0.007107	0.741238942	44.4743365
Flow	614	#####	0.774	614	1	1	1995	10:13	0.774	46.44	138.4251	0.00721	0.746558532	44.79351191
Flow	615	#####	0.78	615	1	1	1995	10:14	0.78	46.8	140.4316	0.007314	0.751949791	45.11698748
Flow	616	#####	0.786	616	1	1	1995	10:15	0.786	47.16	142.4746	0.007421	0.75739976	45.44398561
Flow	617	#####	0.792	617	1	1	1995	10:16	0.792	47.52	144.5506	0.007529	0.762897884	45.77387307

Flow	618	#####	0.799	618	1	1	1995	10:17	0.799	47.94	146.7168	0.007641	0.768592736	46.11556414
Flow	619	#####	0.805	619	1	1	1995	10:18	0.805	48.3	148.9012	0.007755	0.774293305	46.45759832
Flow	620	#####	0.812	620	1	1	1995	10:19	0.812	48.72	151.1636	0.007873	0.780153428	46.80920567
Flow	621	#####	0.818	621	1	1	1995	10:20	0.818	49.08	153.4344	0.007991	0.785991355	47.15948133
Flow	622	#####	0.825	622	1	1	1995	10:21	0.825	49.5	155.7749	0.008113	0.791963501	47.51781003
Flow	623	#####	0.832	623	1	1	1995	10:22	0.832	49.92	158.1771	0.008238	0.798046535	47.88279212
Flow	624	#####	0.839	624	1	1	1995	10:23	0.839	50.34	160.6343	0.008366	0.804221289	48.25327731
Flow	625	#####	0.847	625	1	1	1995	10:24	0.847	50.82	163.201	0.0085	0.810621018	48.63726111
Flow	626	#####	0.854	626	1	1	1995	10:25	0.854	51.24	165.8038	0.008636	0.817059364	49.02356185
Flow	627	#####	0.862	627	1	1	1995	10:26	0.862	51.72	168.5002	0.008776	0.823676417	49.42058504
Flow	628	#####	0.869	628	1	1	1995	10:27	0.869	52.14	171.2196	0.008918	0.830296447	49.81778681
Flow	629	#####	0.877	629	1	1	1995	10:28	0.877	52.62	174.0218	0.009064	0.837063268	50.22379607
Flow	630	#####	0.885	630	1	1	1995	10:29	0.885	53.1	176.898	0.009213	0.84395234	50.63714041
Flow	631	#####	0.894	631	1	1	1995	10:30	0.894	53.64	179.9009	0.00937	0.851085279	51.06511674
Flow	632	#####	0.902	632	1	1	1995	10:31	0.902	54.12	182.9558	0.009529	0.858280967	51.49685801
Flow	633	#####	0.911	633	1	1	1995	10:32	0.911	54.66	186.1189	0.009694	0.865668627	51.94011765
Flow	634	#####	0.919	634	1	1	1995	10:33	0.919	55.14	189.3188	0.00986	0.873078494	52.38470966
Flow	635	#####	0.928	635	1	1	1995	10:34	0.928	55.68	192.6141	0.010032	0.880644133	52.83864798
Flow	636	#####	0.937	636	1	1	1995	10:35	0.937	56.22	195.9955	0.010208	0.888340383	53.30042298
Flow	637	#####	0.947	637	1	1	1995	10:36	0.947	56.82	199.515	0.010391	0.896281054	53.77686322
Flow	638	#####	0.956	638	1	1	1995	10:37	0.956	57.36	203.0982	0.010578	0.904293499	54.25760996
Flow	639	#####	0.966	639	1	1	1995	10:38	0.966	57.96	206.8006	0.010771	0.91249871	54.74992259
Flow	640	#####	0.976	640	1	1	1995	10:39	0.976	58.56	210.6106	0.010969	0.920866248	55.25197487
Flow	641	#####	0.986	641	1	1	1995	10:40	0.986	59.16	214.5187	0.011173	0.929370631	55.76223787
Flow	642	#####	0.996	642	1	1	1995	10:41	0.996	59.76	218.5164	0.011381	0.937990516	56.27943094
Flow	643	#####	1.006	643	1	1	1995	10:42	1.006	60.36	222.597	0.011594	0.94670801	56.80248058
Flow	644	#####	1.017	644	1	1	1995	10:43	1.017	61.02	226.8145	0.011813	0.955634509	57.33807056
Flow	645	#####	1.028	645	1	1	1995	10:44	1.028	61.68	231.1564	0.012039	0.964738045	57.88428269
Flow	646	#####	1.039	646	1	1	1995	10:45	1.039	62.34	235.6122	0.012271	0.973991697	58.43950182
Flow	647	#####	1.05	647	1	1	1995	10:46	1.05	63	240.1727	0.012509	0.983372789	59.00236735
Flow	648	#####	1.062	648	1	1	1995	10:47	1.062	63.72	244.8903	0.012755	0.992983856	59.57903139
Flow	649	#####	1.073	649	1	1	1995	10:48	1.073	64.38	249.6913	0.013005	1.002670124	60.16020741
Flow	650	#####	1.085	650	1	1	1995	10:49	1.085	65.1	254.631	0.013262	1.012539762	60.75238572
Flow	651	#####	1.097	651	1	1	1995	10:50	1.097	65.82	259.6987	0.013526	1.022565802	61.35394811
Flow	652	#####	1.109	652	1	1	1995	10:51	1.109	66.54	264.8847	0.013796	1.032725395	61.9635237
Flow	653	#####	1.122	653	1	1	1995	10:52	1.122	67.32	270.2412	0.014075	1.043114976	62.58689858
Flow	654	#####	1.135	654	1	1	1995	10:53	1.135	68.1	275.7543	0.014362	1.053701379	63.22208273
Flow	655	#####	1.147	655	1	1	1995	10:54	1.147	68.82	281.3522	0.014654	1.064342913	63.8605748
Flow	656	#####	1.161	656	1	1	1995	10:55	1.161	69.66	287.1516	0.014956	1.075256445	64.51538669
Flow	657	#####	1.174	657	1	1	1995	10:56	1.174	70.44	293.0762	0.015264	1.086292346	65.17754073
Flow	658	#####	1.188	658	1	1	1995	10:57	1.188	71.28	299.1787	0.015582	1.097543516	65.85261097
Flow	659	#####	1.202	659	1	1	1995	10:58	1.202	72.12	305.4461	0.015909	1.108979958	66.53879747
Flow	660	#####	1.216	660	1	1	1995	10:59	1.216	72.96	311.8673	0.016243	1.120576027	67.23456163
Flow	661	#####	1.23	661	1	1	1995	11:00	1.23	73.8	318.4327	0.016585	1.132309792	67.93858749
Flow	662	#####	1.245	662	1	1	1995	11:01	1.245	74.7	325.1941	0.016937	1.144268045	68.65608269
Flow	663	#####	1.26	663	1	1	1995	11:02	1.26	75.6	332.1381	0.017299	1.156420375	69.38522248
Flow	664	#####	1.275	664	1	1	1995	11:03	1.275	76.5	339.2528	0.017669	1.16874067	70.12444017
Flow	665	#####	1.291	665	1	1	1995	11:04	1.291	77.46	346.5884	0.018051	1.181308754	70.87852523
Flow	666	#####	1.307	666	1	1	1995	11:05	1.307	78.42	354.1299	0.018444	1.194091738	71.64550429
Flow	667	#####	1.323	667	1	1	1995	11:06	1.323	79.38	361.8644	0.018847	1.20706129	72.42367742
Flow	668	#####	1.339	668	1	1	1995	11:07	1.339	80.34	369.7807	0.019259	1.220192992	73.21157955
Flow	669	#####	1.356	669	1	1	1995	11:08	1.356	81.36	377.9291	0.019684	1.233563711	74.01382266
Flow	670	#####	1.373	670	1	1	1995	11:09	1.373	82.38	386.2953	0.02012	1.247142609	74.82855655
Flow	671	#####	1.39	671	1	1	1995	11:10	1.39	83.4	394.8667	0.020566	1.260903018	75.6541811
Flow	672	#####	1.408	672	1	1	1995	11:11	1.408	84.48	403.6926	0.021026	1.27491661	76.49499662
Flow	673	#####	1.426	673	1	1	1995	11:12	1.426	85.56	412.7576	0.021498	1.289151406	77.34908438
Flow	674	#####	1.444	674	1	1	1995	11:13	1.444	86.64	422.0485	0.021982	1.303579663	78.21477978

Flow	675	#####	1.463	675	1	1	1995	11:14	1.463	87.78	431.6137	0.02248	1.318268932	79.09613591
Flow	676	#####	1.482	676	1	1	1995	11:15	1.482	88.92	441.4376	0.022992	1.333186937	79.99121623
Flow	677	#####	1.502	677	1	1	1995	11:16	1.502	90.12	451.5663	0.023519	1.348395179	80.90371076
Flow	678	#####	1.522	678	1	1	1995	11:17	1.522	91.32	461.9826	0.024062	1.363858244	81.83149466
Flow	679	#####	1.542	679	1	1	1995	11:18	1.542	92.52	472.6711	0.024618	1.379545252	82.77271511
Flow	680	#####	1.563	680	1	1	1995	11:19	1.563	93.78	483.6784	0.025192	1.395515824	83.73094945
Flow	681	#####	1.584	681	1	1	1995	11:20	1.584	95.04	494.9875	0.025781	1.411736075	84.70416452
Flow	682	#####	1.606	682	1	1	1995	11:21	1.606	96.36	506.6433	0.026388	1.428260956	85.69565738
Flow	683	#####	1.628	683	1	1	1995	11:22	1.628	97.68	518.6277	0.027012	1.445054553	86.70327318
Flow	684	#####	1.651	684	1	1	1995	11:23	1.651	99.06	530.9844	0.027655	1.462168019	87.73008114
Flow	685	#####	1.674	685	1	1	1995	11:24	1.674	100.44	543.6943	0.028317	1.479564142	88.77384852
Flow	686	#####	1.697	686	1	1	1995	11:25	1.697	101.82	556.7404	0.028997	1.497210265	89.83261592
Flow	687	#####	1.721	687	1	1	1995	11:26	1.721	103.26	570.1678	0.029696	1.515157446	90.90944678
Flow	688	#####	1.746	688	1	1	1995	11:27	1.746	104.76	584.0184	0.030418	1.533450171	92.00701028
Flow	689	#####	1.772	689	1	1	1995	11:28	1.772	106.32	598.3314	0.031163	1.552127155	93.12762931
Flow	690	#####	1.798	690	1	1	1995	11:29	1.798	107.88	613.0837	0.031931	1.571145153	94.26870915
Flow	691	#####	1.825	691	1	1	1995	11:30	1.825	109.5	628.315	0.032725	1.590541977	95.43251862
Flow	692	#####	1.852	692	1	1	1995	11:31	1.852	111.12	644.0025	0.033542	1.610275523	96.61653137
Flow	693	#####	1.88	693	1	1	1995	11:32	1.88	112.8	660.186	0.034385	1.630382704	97.82296225
Flow	694	#####	1.909	694	1	1	1995	11:33	1.909	114.54	676.903	0.035255	1.650895698	99.05374191
Flow	695	#####	1.939	695	1	1	1995	11:34	1.939	116.34	694.1893	0.036156	1.671842498	100.3105499
Flow	696	#####	1.969	696	1	1	1995	11:35	1.969	118.14	712.0187	0.037084	1.693176057	101.5905634
Flow	697	#####	2	697	1	1	1995	11:36	2	120	730.4282	0.038043	1.714925134	102.895508
Flow	698	#####	2.032	698	1	1	1995	11:37	2.032	121.92	749.4527	0.039034	1.737114765	104.2268859
Flow	699	#####	2.065	699	1	1	1995	11:38	2.065	123.9	769.1258	0.040059	1.759766685	105.5860011
Flow	700	#####	2.101	700	1	1	1995	11:39	2.101	126.06	789.5998	0.041125	1.783035198	106.9821119
Flow	701	#####	2.138	701	1	1	1995	11:40	2.138	128.28	810.8977	0.042234	1.806922113	108.4153268
Flow	702	#####	2.177	702	1	1	1995	11:41	2.177	130.62	833.1023	0.043391	1.831494356	109.8896613
Flow	703	#####	2.215	703	1	1	1995	11:42	2.215	132.9	856.1127	0.044589	1.856615073	111.3969044
Flow	704	#####	2.255	704	1	1	1995	11:43	2.255	135.3	880.0158	0.045834	1.882355451	112.9413271
Flow	705	#####	2.302	705	1	1	1995	11:44	2.302	138.12	905.1944	0.047146	1.909094156	114.5456493
Flow	706	#####	2.354	706	1	1	1995	11:45	2.354	141.24	931.8888	0.048536	1.937039394	116.2223636
Flow	707	#####	2.408	707	1	1	1995	11:46	2.408	144.48	960.1464	0.050008	1.966188467	117.971308
Flow	708	#####	2.464	708	1	1	1995	11:47	2.464	147.84	990.0151	0.051563	1.996536815	119.7922089
Flow	709	#####	2.527	709	1	1	1995	11:48	2.527	151.62	1021.843	0.053221	2.028376065	121.7025639
Flow	710	#####	2.591	710	1	1	1995	11:49	2.591	155.46	1055.6	0.054979	2.061608381	123.6965029
Flow	711	#####	2.669	711	1	1	1995	11:50	2.669	160.14	1092.044	0.056877	2.096893853	125.8136312
Flow	712	#####	2.755	712	1	1	1995	11:51	2.755	165.3	1131.53	0.058934	2.134467204	128.0680322
Flow	713	#####	2.852	713	1	1	1995	11:52	2.852	171.12	1174.582	0.061176	2.174693783	130.481627
Flow	714	#####	2.952	714	1	1	1995	11:53	2.952	177.12	1221.221	0.063605	2.217448088	133.0468853
Flow	715	#####	3.067	715	1	1	1995	11:54	3.067	184.02	1272.194	0.06626	2.263252578	135.7951547
Flow	716	#####	3.185	716	1	1	1995	11:55	3.185	191.1	1327.499	0.069141	2.311923346	138.7154008
Flow	717	#####	3.32	717	1	1	1995	11:56	3.32	199.2	1387.983	0.072291	2.364005594	141.8403357
Flow	718	#####	3.486	718	1	1	1995	11:57	3.486	209.16	1455.303	0.075797	2.420656065	145.2393639
Flow	719	#####	3.675	719	1	1	1995	11:58	3.675	220.5	1530.563	0.079717	2.482458932	148.9475359
Flow	720	#####	3.867	720	1	1	1995	11:59	3.867	232.02	1613.636	0.084044	2.548937457	152.9362474
Flow	721	#####	4.082	721	1	1	1995	12:00	4.082	244.92	1705.62	0.088834	2.620580479	157.2348287
Flow	722	#####	4.315	722	1	1	1995	12:01	4.315	258.9	1807.285	0.094129	2.697551265	161.8530759
Flow	723	#####	4.587	723	1	1	1995	12:02	4.587	275.22	1920.652	0.100034	2.780870205	166.8522123
Flow	724	#####	4.878	724	1	1	1995	12:03	4.878	292.68	2046.48	0.106587	2.870516908	172.2310145
Flow	725	#####	5.201	725	1	1	1995	12:04	5.201	312.06	2186.309	0.11387	2.966962998	178.0177799
Flow	726	#####	5.541	726	1	1	1995	12:05	5.541	332.46	2340.751	0.121914	3.069969009	184.1981405
Flow	727	#####	5.931	727	1	1	1995	12:06	5.931	355.86	2512.413	0.130855	3.180547516	190.8328509
Flow	728	#####	6.36	728	1	1	1995	12:07	6.36	381.6	2703.18	0.140791	3.299087767	197.945266
Flow	729	#####	6.765	729	1	1	1995	12:08	6.765	405.9	2911.134	0.151622	3.42363566	205.4181396
Flow	730	#####	7.19	730	1	1	1995	12:09	7.19	431.4	3137.116	0.163391	3.554035158	213.2421095
Flow	731	#####	7.69	731	1	1	1995	12:10	7.69	461.4	3385.274	0.176316	3.691928953	221.5157372

Flow	732	#####	8.225	732	1	1	1995	12:11	8.225	493.5	3657.258	0.190482	3.837374948	230.2424969
Flow	733	#####	8.73	733	1	1	1995	12:12	8.73	523.8	3950.816	0.205772	3.988410117	239.304607
Flow	734	#####	9.283	734	1	1	1995	12:13	9.283	556.98	4268.491	0.222317	4.145659343	248.7395606
Flow	735	#####	9.796	735	1	1	1995	12:14	9.796	587.76	4607.512	0.239975	4.307146433	258.428786
Flow	736	#####	10.397	736	1	1	1995	12:15	10.397	623.82	4972.903	0.259005	4.474674031	268.4804419
Flow	737	#####	10.976	737	1	1	1995	12:16	10.976	658.56	5362.983	0.279322	4.646860143	278.8116086
Flow	738	#####	11.598	738	1	1	1995	12:17	11.598	695.88	5780.051	0.301044	4.824165991	289.4499594
Flow	739	#####	12.16	739	1	1	1995	12:18	12.16	729.6	6220.201	0.323969	5.004476086	300.2685652
Flow	740	#####	12.828	740	1	1	1995	12:19	12.828	769.68	6689.612	0.348417	5.189874878	311.3924927
Flow	741	#####	13.512	741	1	1	1995	12:20	13.512	810.72	7188.94	0.374424	5.380081276	322.8048766
Flow	742	#####	14.138	742	1	1	1995	12:21	14.138	848.28	7714.415	0.401792	5.573242109	334.3945265
Flow	743	#####	14.709	743	1	1	1995	12:22	14.709	882.54	8262.561	0.430342	5.767847059	346.0708235
Flow	744	#####	15.367	744	1	1	1995	12:23	15.367	922.02	8838.51	0.460339	5.96548737	357.9292422
Flow	745	#####	16.03	745	1	1	1995	12:24	16.03	961.8	9442.38	0.491791	6.165909651	369.9545791
Flow	746	#####	16.626	746	1	1	1995	12:25	16.626	997.56	10069.99	0.524478	6.367527654	382.0516593
Flow	747	#####	17.239	747	1	1	1995	12:26	17.239	1034.34	10722.27	0.558452	6.570521852	394.2313111
Flow	748	#####	17.734	748	1	1	1995	12:27	17.734	1064.04	11392.08	0.593338	6.772639784	406.358387
Flow	749	#####	18.287	749	1	1	1995	12:28	18.287	1097.22	12082.94	0.62932	6.974977317	418.498639
Flow	750	#####	18.781	750	1	1	1995	12:29	18.781	1126.86	12791.31	0.666214	7.1765192	430.591152
Flow	751	#####	19.276	751	1	1	1995	12:30	19.276	1156.56	13517.27	0.704025	7.377360043	442.6416026
Flow	752	#####	19.639	752	1	1	1995	12:31	19.639	1178.34	14252.97	0.742342	7.575462313	454.5277388
Flow	753	#####	20.027	753	1	1	1995	12:32	20.027	1201.62	15000.07	0.781253	7.771466601	466.2879961
Flow	754	#####	20.403	754	1	1	1995	12:33	20.403	1224.18	15757.96	0.820727	7.965377623	477.9226574
Flow	755	#####	20.734	755	1	1	1995	12:34	20.734	1244.04	16524.07	0.860629	8.156709289	489.4025573
Flow	756	#####	20.95	756	1	1	1995	12:35	20.95	1257	17291.67	0.900608	8.34401172	500.6407032
Flow	757	#####	21.157	757	1	1	1995	12:36	21.157	1269.42	18060.45	0.940649	8.52748001	511.6488006
Flow	758	#####	21.364	758	1	1	1995	12:37	21.364	1281.84	18830.64	0.980763	8.707409711	522.4445827
Flow	759	#####	21.535	759	1	1	1995	12:38	21.535	1292.1	19600.3	1.020849	8.88357446	533.0144676
Flow	760	#####	21.688	760	1	1	1995	12:39	21.688	1301.28	20368.56	1.060863	9.056004104	543.3602462
Flow	761	#####	21.749	761	1	1	1995	12:40	21.749	1304.94	21130.14	1.100528	9.223752278	553.4251367
Flow	762	#####	21.8	762	1	1	1995	12:41	21.8	1308	21884.72	1.139829	9.387001525	563.2200915
Flow	763	#####	21.834	763	1	1	1995	12:42	21.834	1310.04	22631.54	1.178726	9.545824476	572.7494685
Flow	764	#####	21.858	764	1	1	1995	12:43	21.858	1311.48	23370.27	1.217201	9.70036914	582.0221484
Flow	765	#####	21.82	765	1	1	1995	12:44	21.82	1309.2	24097.45	1.255075	9.85012907	591.0077442
Flow	766	#####	21.736	766	1	1	1995	12:45	21.736	1304.16	24810.6	1.292219	9.994821251	599.689275
Flow	767	#####	21.625	767	1	1	1995	12:46	21.625	1297.5	25508.41	1.328563	10.13440133	608.0640801
Flow	768	#####	21.512	768	1	1	1995	12:47	21.512	1290.72	26191.07	1.364118	10.26911438	616.1468631
Flow	769	#####	21.376	769	1	1	1995	12:48	21.376	1282.56	26857.48	1.398827	10.39893892	623.9363355
Flow	770	#####	21.218	770	1	1	1995	12:49	21.218	1273.08	27506.62	1.432637	10.52385947	631.4315682
Flow	771	#####	21.018	771	1	1	1995	12:50	21.018	1261.08	28136.27	1.465431	10.6436277	638.6176621
Flow	772	#####	20.814	772	1	1	1995	12:51	20.814	1248.84	28746.49	1.497213	10.75842863	645.505718
Flow	773	#####	20.578	773	1	1	1995	12:52	20.578	1234.68	29335.67	1.527899	10.86811923	652.0871538
Flow	774	#####	20.343	774	1	1	1995	12:53	20.343	1220.58	29904.16	1.557508	10.97292001	658.3752007
Flow	775	#####	20.056	775	1	1	1995	12:54	20.056	1203.36	30449.14	1.585893	11.0724559	664.347354
Flow	776	#####	19.742	776	1	1	1995	12:55	19.742	1184.52	30969.32	1.612985	11.16663257	669.9979544
Flow	777	#####	19.449	777	1	1	1995	12:56	19.449	1166.94	31466.26	1.638868	11.25586743	675.3520457
Flow	778	#####	19.166	778	1	1	1995	12:57	19.166	1149.96	31940.87	1.663587	11.34043628	680.4261767
Flow	779	#####	18.819	779	1	1	1995	12:58	18.819	1129.14	32389.58	1.686957	11.4198152	685.1889122
Flow	780	#####	18.464	780	1	1	1995	12:59	18.464	1107.84	32812.23	1.70897	11.4940822	689.6449318
Flow	781	#####	18.122	781	1	1	1995	13:00	18.122	1087.32	33209.91	1.729683	11.56352495	693.8114971
Flow	782	#####	17.75	782	1	1	1995	13:01	17.75	1065	33581.1	1.749015	11.62796838	697.6781027
Flow	783	#####	17.418	783	1	1	1995	13:02	17.418	1045.08	33928.5	1.767109	11.68796023	701.2776139
Flow	784	#####	17.021	784	1	1	1995	13:03	17.021	1021.26	34248.48	1.783775	11.74294594	704.5767563
Flow	785	#####	16.643	785	1	1	1995	13:04	16.643	998.58	34542.48	1.799088	11.7932414	707.5944842
Flow	786	#####	16.259	786	1	1	1995	13:05	16.259	975.54	34810.43	1.813043	11.83889304	710.3335824
Flow	787	#####	15.912	787	1	1	1995	13:06	15.912	954.72	35054.82	1.825772	11.8803778	712.8226678
Flow	788	#####	15.504	788	1	1	1995	13:07	15.504	930.24	35272.23	1.837095	11.91716315	715.0297889

Flow	789	#####	15.083	789	1	1	1995	13:08	15.083	904.98	35462.18	1.846989	11.94920858	716.9525151
Flow	790	#####	14.704	790	1	1	1995	13:09	14.704	882.24	35627.47	1.855597	11.97702355	718.6214128
Flow	791	#####	14.378	791	1	1	1995	13:10	14.378	862.68	35771.53	1.8631	12.00121348	720.072809
Flow	792	#####	14.044	792	1	1	1995	13:11	14.044	842.64	35894.1	1.869484	12.02175632	721.305379
Flow	793	#####	13.672	793	1	1	1995	13:12	13.672	820.32	35993.11	1.874641	12.03832603	722.2995619
Flow	794	#####	13.328	794	1	1	1995	13:13	13.328	799.68	36070.49	1.878671	12.05125949	723.0755694
Flow	795	#####	12.969	795	1	1	1995	13:14	12.969	778.14	36125.56	1.881539	12.06045458	723.6272747
Flow	796	#####	12.691	796	1	1	1995	13:15	12.691	761.46	36163.39	1.88351	12.06676812	724.0060872
Flow	797	#####	12.38	797	1	1	1995	13:16	12.38	742.8	36182.18	1.884489	12.06990323	724.1941938
Flow	798	#####	12.059	798	1	1	1995	13:17	12.059	723.54	36181.53	1.884455	12.059	723.54
Flow	799	#####	11.764	799	1	1	1995	13:18	11.764	705.84	36163.83	1.883533	11.764	705.84
Flow	800	#####	11.528	800	1	1	1995	13:19	11.528	691.68	36149.67	1.882795	11.528	691.68
Flow	801	#####	11.263	801	1	1	1995	13:20	11.263	675.78	36133.77	1.881967	11.263	675.78
Flow	802	#####	10.993	802	1	1	1995	13:21	10.993	659.58	36117.57	1.881123	10.993	659.58
Flow	803	#####	10.744	803	1	1	1995	13:22	10.744	644.64	36102.63	1.880345	10.744	644.64
Flow	804	#####	10.485	804	1	1	1995	13:23	10.485	629.1	36087.09	1.879536	10.485	629.1
Flow	805	#####	10.273	805	1	1	1995	13:24	10.273	616.38	36074.37	1.878873	10.273	616.38
Flow	806	#####	10.042	806	1	1	1995	13:25	10.042	602.52	36060.51	1.878151	10.042	602.52
Flow	807	#####	9.825	807	1	1	1995	13:26	9.825	589.5	36047.49	1.877473	9.825	589.5
Flow	808	#####	9.601	808	1	1	1995	13:27	9.601	576.06	36034.05	1.876773	9.601	576.06
Flow	809	#####	9.42	809	1	1	1995	13:28	9.42	565.2	36023.19	1.876208	9.42	565.2
Flow	810	#####	9.215	810	1	1	1995	13:29	9.215	552.9	36010.89	1.875567	9.215	552.9
Flow	811	#####	9.009	811	1	1	1995	13:30	9.009	540.54	35998.53	1.874923	9.009	540.54
Flow	812	#####	8.816	812	1	1	1995	13:31	8.816	528.96	35986.95	1.87432	8.816	528.96
Flow	813	#####	8.651	813	1	1	1995	13:32	8.651	519.06	35977.05	1.873805	8.651	519.06
Flow	814	#####	8.47	814	1	1	1995	13:33	8.47	508.2	35966.19	1.873239	8.47	508.2
Flow	815	#####	8.29	815	1	1	1995	13:34	8.29	497.4	35955.39	1.872676	8.29	497.4
Flow	816	#####	8.119	816	1	1	1995	13:35	8.119	487.14	35945.13	1.872142	8.119	487.14
Flow	817	#####	7.944	817	1	1	1995	13:36	7.944	476.64	35934.63	1.871595	7.944	476.64
Flow	818	#####	7.794	818	1	1	1995	13:37	7.794	467.64	35925.63	1.871126	7.794	467.64
Flow	819	#####	7.628	819	1	1	1995	13:38	7.628	457.68	35915.67	1.870608	7.628	457.68
Flow	820	#####	7.473	820	1	1	1995	13:39	7.473	448.38	35906.37	1.870123	7.473	448.38
Flow	821	#####	7.318	821	1	1	1995	13:40	7.318	439.08	35897.07	1.869639	7.318	439.08
Flow	822	#####	7.183	822	1	1	1995	13:41	7.183	430.98	35888.97	1.869217	7.183	430.98
Flow	823	#####	7.038	823	1	1	1995	13:42	7.038	422.28	35880.27	1.868764	7.038	422.28
Flow	824	#####	6.891	824	1	1	1995	13:43	6.891	413.46	35871.45	1.868305	6.891	413.46
Flow	825	#####	6.756	825	1	1	1995	13:44	6.756	405.36	35863.35	1.867883	6.756	405.36
Flow	826	#####	6.64	826	1	1	1995	13:45	6.64	398.4	35856.39	1.86752	6.64	398.4
Flow	827	#####	6.523	827	1	1	1995	13:46	6.523	391.38	35849.37	1.867155	6.523	391.38
Flow	828	#####	6.395	828	1	1	1995	13:47	6.395	383.7	35841.69	1.866755	6.395	383.7
Flow	829	#####	6.274	829	1	1	1995	13:48	6.274	376.44	35834.43	1.866376	6.274	376.44
Flow	830	#####	6.15	830	1	1	1995	13:49	6.15	369	35826.99	1.865989	6.15	369
Flow	831	#####	6.047	831	1	1	1995	13:50	6.047	362.82	35820.81	1.865667	6.047	362.82
Flow	832	#####	5.937	832	1	1	1995	13:51	5.937	356.22	35814.21	1.865323	5.937	356.22
Flow	833	#####	5.825	833	1	1	1995	13:52	5.825	349.5	35807.49	1.864973	5.825	349.5
Flow	834	#####	5.721	834	1	1	1995	13:53	5.721	343.26	35801.25	1.864648	5.721	343.26
Flow	835	#####	5.629	835	1	1	1995	13:54	5.629	337.74	35795.73	1.864361	5.629	337.74
Flow	836	#####	5.529	836	1	1	1995	13:55	5.529	331.74	35789.73	1.864048	5.529	331.74
Flow	837	#####	5.428	837	1	1	1995	13:56	5.428	325.68	35783.67	1.863733	5.428	325.68
Flow	838	#####	5.333	838	1	1	1995	13:57	5.333	319.98	35777.97	1.863436	5.333	319.98
Flow	839	#####	5.237	839	1	1	1995	13:58	5.237	314.22	35772.21	1.863136	5.237	314.22
Flow	840	#####	5.154	840	1	1	1995	13:59	5.154	309.24	35767.23	1.862876	5.154	309.24
Flow	841	#####	5.065	841	1	1	1995	14:00	5.065	303.9	35761.89	1.862598	5.065	303.9
Flow	842	#####	4.981	842	1	1	1995	14:01	4.981	298.86	35756.85	1.862336	4.981	298.86
Flow	843	#####	4.897	843	1	1	1995	14:02	4.897	293.82	35751.81	1.862073	4.897	293.82
Flow	844	#####	4.823	844	1	1	1995	14:03	4.823	289.38	35747.37	1.861842	4.823	289.38
Flow	845	#####	4.744	845	1	1	1995	14:04	4.744	284.64	35742.63	1.861595	4.744	284.64

Flow	846	#####	4.663	846	1	1	1995	14:05	4.663	279.78	35737.77	1.861342	4.663	279.78
Flow	847	#####	4.588	847	1	1	1995	14:06	4.588	275.28	35733.27	1.861108	4.588	275.28
Flow	848	#####	4.521	848	1	1	1995	14:07	4.521	271.26	35729.25	1.860898	4.521	271.26
Flow	849	#####	4.451	849	1	1	1995	14:08	4.451	267.06	35725.05	1.86068	4.451	267.06
Flow	850	#####	4.382	850	1	1	1995	14:09	4.382	262.92	35720.91	1.860464	4.382	262.92
Flow	851	#####	4.316	851	1	1	1995	14:10	4.316	258.96	35716.95	1.860258	4.316	258.96
Flow	852	#####	4.249	852	1	1	1995	14:11	4.249	254.94	35712.93	1.860048	4.249	254.94
Flow	853	#####	4.19	853	1	1	1995	14:12	4.19	251.4	35709.39	1.859864	4.19	251.4
Flow	854	#####	4.127	854	1	1	1995	14:13	4.127	247.62	35705.61	1.859667	4.127	247.62
Flow	855	#####	4.066	855	1	1	1995	14:14	4.066	243.96	35701.95	1.859476	4.066	243.96
Flow	856	#####	4.007	856	1	1	1995	14:15	4.007	240.42	35698.41	1.859292	4.007	240.42
Flow	857	#####	3.954	857	1	1	1995	14:16	3.954	237.24	35695.23	1.859126	3.954	237.24
Flow	858	#####	3.897	858	1	1	1995	14:17	3.897	233.82	35691.81	1.858948	3.897	233.82
Flow	859	#####	3.84	859	1	1	1995	14:18	3.84	230.4	35688.39	1.85877	3.84	230.4
Flow	860	#####	3.787	860	1	1	1995	14:19	3.787	227.22	35685.21	1.858605	3.787	227.22
Flow	861	#####	3.738	861	1	1	1995	14:20	3.738	224.28	35682.27	1.858451	3.738	224.28
Flow	862	#####	3.69	862	1	1	1995	14:21	3.69	221.4	35679.39	1.858301	3.69	221.4
Flow	863	#####	3.639	863	1	1	1995	14:22	3.639	218.34	35676.33	1.858142	3.639	218.34
Flow	864	#####	3.589	864	1	1	1995	14:23	3.589	215.34	35673.33	1.857986	3.589	215.34
Flow	865	#####	3.539	865	1	1	1995	14:24	3.539	212.34	35670.33	1.85783	3.539	212.34
Flow	866	#####	3.495	866	1	1	1995	14:25	3.495	209.7	35667.69	1.857692	3.495	209.7
Flow	867	#####	3.449	867	1	1	1995	14:26	3.449	206.94	35664.93	1.857548	3.449	206.94
Flow	868	#####	3.404	868	1	1	1995	14:27	3.404	204.24	35662.23	1.857408	3.404	204.24
Flow	869	#####	3.36	869	1	1	1995	14:28	3.36	201.6	35659.59	1.85727	3.36	201.6
Flow	870	#####	3.319	870	1	1	1995	14:29	3.319	199.14	35657.13	1.857142	3.319	199.14
Flow	871	#####	3.277	871	1	1	1995	14:30	3.277	196.62	35654.61	1.857011	3.277	196.62
Flow	872	#####	3.235	872	1	1	1995	14:31	3.235	194.1	35652.09	1.85688	3.235	194.1
Flow	873	#####	3.194	873	1	1	1995	14:32	3.194	191.64	35649.63	1.856751	3.194	191.64
Flow	874	#####	3.154	874	1	1	1995	14:33	3.154	189.24	35647.23	1.856626	3.154	189.24
Flow	875	#####	3.117	875	1	1	1995	14:34	3.117	187.02	35645.01	1.856511	3.117	187.02
Flow	876	#####	3.078	876	1	1	1995	14:35	3.078	184.68	35642.67	1.856389	3.078	184.68
Flow	877	#####	3.04	877	1	1	1995	14:36	3.04	182.4	35640.39	1.85627	3.04	182.4
Flow	878	#####	3.002	878	1	1	1995	14:37	3.002	180.12	35638.11	1.856151	3.002	180.12
Flow	879	#####	2.967	879	1	1	1995	14:38	2.967	178.02	35636.01	1.856042	2.967	178.02
Flow	880	#####	2.931	880	1	1	1995	14:39	2.931	175.86	35633.85	1.85593	2.931	175.86
Flow	881	#####	2.896	881	1	1	1995	14:40	2.896	173.76	35631.75	1.85582	2.896	173.76
Flow	882	#####	2.863	882	1	1	1995	14:41	2.863	171.78	35629.77	1.855717	2.863	171.78
Flow	883	#####	2.833	883	1	1	1995	14:42	2.833	169.98	35627.97	1.855623	2.833	169.98
Flow	884	#####	2.802	884	1	1	1995	14:43	2.802	168.12	35626.11	1.855526	2.802	168.12
Flow	885	#####	2.772	885	1	1	1995	14:44	2.772	166.32	35624.31	1.855433	2.772	166.32
Flow	886	#####	2.743	886	1	1	1995	14:45	2.743	164.58	35622.57	1.855342	2.743	164.58
Flow	887	#####	2.713	887	1	1	1995	14:46	2.713	162.78	35620.77	1.855248	2.713	162.78
Flow	888	#####	2.689	888	1	1	1995	14:47	2.689	161.34	35619.33	1.855173	2.689	161.34
Flow	889	#####	2.664	889	1	1	1995	14:48	2.664	159.84	35617.83	1.855095	2.664	159.84
Flow	890	#####	2.64	890	1	1	1995	14:49	2.64	158.4	35616.39	1.85502	2.64	158.4
Flow	891	#####	2.616	891	1	1	1995	14:50	2.616	156.96	35614.95	1.854945	2.616	156.96
Flow	892	#####	2.594	892	1	1	1995	14:51	2.594	155.64	35613.63	1.854876	2.594	155.64
Flow	893	#####	2.572	893	1	1	1995	14:52	2.572	154.32	35612.31	1.854808	2.572	154.32
Flow	894	#####	2.55	894	1	1	1995	14:53	2.55	153	35610.99	1.854739	2.55	153
Flow	895	#####	2.528	895	1	1	1995	14:54	2.528	151.68	35609.67	1.85467	2.528	151.68
Flow	896	#####	2.508	896	1	1	1995	14:55	2.508	150.48	35608.47	1.854608	2.508	150.48
Flow	897	#####	2.489	897	1	1	1995	14:56	2.489	149.34	35607.33	1.854548	2.489	149.34
Flow	898	#####	2.469	898	1	1	1995	14:57	2.469	148.14	35606.13	1.854486	2.469	148.14
Flow	899	#####	2.45	899	1	1	1995	14:58	2.45	147	35604.99	1.854426	2.45	147
Flow	900	#####	2.431	900	1	1	1995	14:59	2.431	145.86	35603.85	1.854367	2.431	145.86
Flow	901	#####	2.413	901	1	1	1995	15:00	2.413	144.78	35602.77	1.854311	2.413	144.78
Flow	902	#####	2.394	902	1	1	1995	15:01	2.394	143.64	35601.63	1.854251	2.394	143.64

Flow	903	#####	2.376	903	1	1	1995	15:02	2.376	142.56	35600.55	1.854195	2.376	142.56
Flow	904	#####	2.358	904	1	1	1995	15:03	2.358	141.48	35599.47	1.854139	2.358	141.48
Flow	905	#####	2.341	905	1	1	1995	15:04	2.341	140.46	35598.45	1.854086	2.341	140.46
Flow	906	#####	2.324	906	1	1	1995	15:05	2.324	139.44	35597.43	1.854033	2.324	139.44
Flow	907	#####	2.306	907	1	1	1995	15:06	2.306	138.36	35596.35	1.853976	2.306	138.36
Flow	908	#####	2.29	908	1	1	1995	15:07	2.29	137.4	35595.39	1.853926	2.29	137.4
Flow	909	#####	2.273	909	1	1	1995	15:08	2.273	136.38	35594.37	1.853873	2.273	136.38
Flow	910	#####	2.258	910	1	1	1995	15:09	2.258	135.48	35593.47	1.853826	2.258	135.48
Flow	911	#####	2.241	911	1	1	1995	15:10	2.241	134.46	35592.45	1.853773	2.241	134.46
Flow	912	#####	2.226	912	1	1	1995	15:11	2.226	133.56	35591.55	1.853726	2.226	133.56
Flow	913	#####	2.21	913	1	1	1995	15:12	2.21	132.6	35590.59	1.853676	2.21	132.6
Flow	914	#####	2.195	914	1	1	1995	15:13	2.195	131.7	35589.69	1.85363	2.195	131.7
Flow	915	#####	2.18	915	1	1	1995	15:14	2.18	130.8	35588.79	1.853583	2.18	130.8
Flow	916	#####	2.165	916	1	1	1995	15:15	2.165	129.9	35587.89	1.853536	2.165	129.9
Flow	917	#####	2.15	917	1	1	1995	15:16	2.15	129	35586.99	1.853489	2.15	129
Flow	918	#####	2.135	918	1	1	1995	15:17	2.135	128.1	35586.09	1.853442	2.135	128.1
Flow	919	#####	2.121	919	1	1	1995	15:18	2.121	127.26	35585.25	1.853398	2.121	127.26
Flow	920	#####	2.106	920	1	1	1995	15:19	2.106	126.36	35584.35	1.853351	2.106	126.36
Flow	921	#####	2.092	921	1	1	1995	15:20	2.092	125.52	35583.51	1.853308	2.092	125.52
Flow	922	#####	2.078	922	1	1	1995	15:21	2.078	124.68	35582.67	1.853264	2.078	124.68
Flow	923	#####	2.064	923	1	1	1995	15:22	2.064	123.84	35581.83	1.85322	2.064	123.84
Flow	924	#####	2.05	924	1	1	1995	15:23	2.05	123	35580.99	1.853176	2.05	123
Flow	925	#####	2.037	925	1	1	1995	15:24	2.037	122.22	35580.21	1.853136	2.037	122.22
Flow	926	#####	2.023	926	1	1	1995	15:25	2.023	121.38	35579.37	1.853092	2.023	121.38
Flow	927	#####	2.01	927	1	1	1995	15:26	2.01	120.6	35578.59	1.853051	2.01	120.6
Flow	928	#####	1.997	928	1	1	1995	15:27	1.997	119.82	35577.81	1.853011	1.997	119.82
Flow	929	#####	1.983	929	1	1	1995	15:28	1.983	118.98	35576.97	1.852967	1.983	118.98
Flow	930	#####	1.97	930	1	1	1995	15:29	1.97	118.2	35576.19	1.852926	1.97	118.2
Flow	931	#####	1.958	931	1	1	1995	15:30	1.958	117.48	35575.47	1.852889	1.958	117.48
Flow	932	#####	1.946	932	1	1	1995	15:31	1.946	116.76	35574.75	1.852851	1.946	116.76
Flow	933	#####	1.934	933	1	1	1995	15:32	1.934	116.04	35574.03	1.852814	1.934	116.04
Flow	934	#####	1.922	934	1	1	1995	15:33	1.922	115.32	35573.31	1.852776	1.922	115.32
Flow	935	#####	1.911	935	1	1	1995	15:34	1.911	114.66	35572.65	1.852742	1.911	114.66
Flow	936	#####	1.9	936	1	1	1995	15:35	1.9	114	35571.99	1.852708	1.9	114
Flow	937	#####	1.89	937	1	1	1995	15:36	1.89	113.4	35571.39	1.852676	1.89	113.4
Flow	938	#####	1.88	938	1	1	1995	15:37	1.88	112.8	35570.79	1.852645	1.88	112.8
Flow	939	#####	1.87	939	1	1	1995	15:38	1.87	112.2	35570.19	1.852614	1.87	112.2
Flow	940	#####	1.861	940	1	1	1995	15:39	1.861	111.66	35569.65	1.852586	1.861	111.66
Flow	941	#####	1.852	941	1	1	1995	15:40	1.852	111.12	35569.11	1.852558	1.852	111.12
Flow	942	#####	1.843	942	1	1	1995	15:41	1.843	110.58	35568.57	1.85253	1.843	110.58
Flow	943	#####	1.835	943	1	1	1995	15:42	1.835	110.1	35568.09	1.852505	1.835	110.1
Flow	944	#####	1.826	944	1	1	1995	15:43	1.826	109.56	35567.55	1.852476	1.826	109.56
Flow	945	#####	1.818	945	1	1	1995	15:44	1.818	109.08	35567.07	1.852451	1.818	109.08
Flow	946	#####	1.81	946	1	1	1995	15:45	1.81	108.6	35566.59	1.852426	1.81	108.6
Flow	947	#####	1.801	947	1	1	1995	15:46	1.801	108.06	35566.05	1.852398	1.801	108.06
Flow	948	#####	1.793	948	1	1	1995	15:47	1.793	107.58	35565.57	1.852373	1.793	107.58
Flow	949	#####	1.785	949	1	1	1995	15:48	1.785	107.1	35565.09	1.852348	1.785	107.1
Flow	950	#####	1.777	950	1	1	1995	15:49	1.777	106.62	35564.61	1.852323	1.777	106.62
Flow	951	#####	1.769	951	1	1	1995	15:50	1.769	106.14	35564.13	1.852298	1.769	106.14
Flow	952	#####	1.761	952	1	1	1995	15:51	1.761	105.66	35563.65	1.852273	1.761	105.66
Flow	953	#####	1.753	953	1	1	1995	15:52	1.753	105.18	35563.17	1.852248	1.753	105.18
Flow	954	#####	1.745	954	1	1	1995	15:53	1.745	104.7	35562.69	1.852223	1.745	104.7
Flow	955	#####	1.737	955	1	1	1995	15:54	1.737	104.22	35562.21	1.852198	1.737	104.22
Flow	956	#####	1.729	956	1	1	1995	15:55	1.729	103.74	35561.73	1.852173	1.729	103.74
Flow	957	#####	1.722	957	1	1	1995	15:56	1.722	103.32	35561.31	1.852151	1.722	103.32
Flow	958	#####	1.714	958	1	1	1995	15:57	1.714	102.84	35560.83	1.852126	1.714	102.84
Flow	959	#####	1.706	959	1	1	1995	15:58	1.706	102.36	35560.35	1.852101	1.706	102.36

Flow	960	#####	1.699	960	1	1	1995	15:59	1.699	101.94	35559.93	1.85208	1.699	101.94
Flow	961	#####	1.692	961	1	1	1995	16:00	1.692	101.52	35559.51	1.852058	1.692	101.52
Flow	962	#####	1.684	962	1	1	1995	16:01	1.684	101.04	35559.03	1.852033	1.684	101.04
Flow	963	#####	1.677	963	1	1	1995	16:02	1.677	100.62	35558.61	1.852011	1.677	100.62
Flow	964	#####	1.669	964	1	1	1995	16:03	1.669	100.14	35558.13	1.851986	1.669	100.14
Flow	965	#####	1.662	965	1	1	1995	16:04	1.662	99.72	35557.71	1.851964	1.662	99.72
Flow	966	#####	1.655	966	1	1	1995	16:05	1.655	99.3	35557.29	1.851942	1.655	99.3
Flow	967	#####	1.648	967	1	1	1995	16:06	1.648	98.88	35556.87	1.85192	1.648	98.88
Flow	968	#####	1.641	968	1	1	1995	16:07	1.641	98.46	35556.45	1.851898	1.641	98.46
Flow	969	#####	1.634	969	1	1	1995	16:08	1.634	98.04	35556.03	1.851876	1.634	98.04
Flow	970	#####	1.627	970	1	1	1995	16:09	1.627	97.62	35555.61	1.851855	1.627	97.62
Flow	971	#####	1.62	971	1	1	1995	16:10	1.62	97.2	35555.19	1.851833	1.62	97.2
Flow	972	#####	1.613	972	1	1	1995	16:10	1.613	96.78	35554.77	1.851811	1.613	96.78
Flow	973	#####	1.606	973	1	1	1995	16:12	1.606	96.36	35554.35	1.851789	1.606	96.36
Flow	974	#####	1.599	974	1	1	1995	16:13	1.599	95.94	35553.93	1.851767	1.599	95.94
Flow	975	#####	1.592	975	1	1	1995	16:14	1.592	95.52	35553.51	1.851745	1.592	95.52
Flow	976	#####	1.585	976	1	1	1995	16:15	1.585	95.1	35553.09	1.851723	1.585	95.1
Flow	977	#####	1.578	977	1	1	1995	16:16	1.578	94.68	35552.67	1.851701	1.578	94.68
Flow	978	#####	1.571	978	1	1	1995	16:17	1.571	94.26	35552.25	1.85168	1.571	94.26
Flow	979	#####	1.565	979	1	1	1995	16:17	1.565	93.9	35551.89	1.851661	1.565	93.9
Flow	980	#####	1.558	980	1	1	1995	16:19	1.558	93.48	35551.47	1.851639	1.558	93.48
Flow	981	#####	1.551	981	1	1	1995	16:20	1.551	93.06	35551.05	1.851617	1.551	93.06
Flow	982	#####	1.544	982	1	1	1995	16:21	1.544	92.64	35550.63	1.851595	1.544	92.64
Flow	983	#####	1.538	983	1	1	1995	16:22	1.538	92.28	35550.27	1.851576	1.538	92.28
Flow	984	#####	1.531	984	1	1	1995	16:23	1.531	91.86	35549.85	1.851555	1.531	91.86
Flow	985	#####	1.524	985	1	1	1995	16:24	1.524	91.44	35549.43	1.851533	1.524	91.44
Flow	986	#####	1.517	986	1	1	1995	16:24	1.517	91.02	35549.01	1.851511	1.517	91.02
Flow	987	#####	1.511	987	1	1	1995	16:26	1.511	90.66	35548.65	1.851492	1.511	90.66
Flow	988	#####	1.504	988	1	1	1995	16:27	1.504	90.24	35548.23	1.85147	1.504	90.24
Flow	989	#####	1.498	989	1	1	1995	16:28	1.498	89.88	35547.87	1.851451	1.498	89.88
Flow	990	#####	1.491	990	1	1	1995	16:29	1.491	89.46	35547.45	1.85143	1.491	89.46
Flow	991	#####	1.484	991	1	1	1995	16:30	1.484	89.04	35547.03	1.851408	1.484	89.04
Flow	992	#####	1.478	992	1	1	1995	16:31	1.478	88.68	35546.67	1.851389	1.478	88.68
Flow	993	#####	1.472	993	1	1	1995	16:32	1.472	88.32	35546.31	1.85137	1.472	88.32
Flow	994	#####	1.465	994	1	1	1995	16:33	1.465	87.9	35545.89	1.851348	1.465	87.9
Flow	995	#####	1.459	995	1	1	1995	16:34	1.459	87.54	35545.53	1.85133	1.459	87.54
Flow	996	#####	1.453	996	1	1	1995	16:35	1.453	87.18	35545.17	1.851311	1.453	87.18
Flow	997	#####	1.447	997	1	1	1995	16:36	1.447	86.82	35544.81	1.851292	1.447	86.82
Flow	998	#####	1.441	998	1	1	1995	16:37	1.441	86.46	35544.45	1.851273	1.441	86.46
Flow	999	#####	1.434	999	1	1	1995	16:38	1.434	86.04	35544.03	1.851251	1.434	86.04
Flow	1000	#####	1.429	1000	1	1	1995	16:39	1.429	85.74	35543.73	1.851236	1.429	85.74
Flow	1001	#####	1.423	1001	1	1	1995	16:40	1.423	85.38	35543.37	1.851217	1.423	85.38
Flow	1002	#####	1.417	1002	1	1	1995	16:41	1.417	85.02	35543.01	1.851198	1.417	85.02
Flow	1003	#####	1.411	1003	1	1	1995	16:42	1.411	84.66	35542.65	1.85118	1.411	84.66
Flow	1004	#####	1.405	1004	1	1	1995	16:43	1.405	84.3	35542.29	1.851161	1.405	84.3
Flow	1005	#####	1.4	1005	1	1	1995	16:44	1.4	84	35541.99	1.851145	1.4	84
Flow	1006	#####	1.394	1006	1	1	1995	16:45	1.394	83.64	35541.63	1.851126	1.394	83.64
Flow	1007	#####	1.389	1007	1	1	1995	16:46	1.389	83.34	35541.33	1.851111	1.389	83.34
Flow	1008	#####	1.384	1008	1	1	1995	16:47	1.384	83.04	35541.03	1.851095	1.384	83.04
Flow	1009	#####	1.379	1009	1	1	1995	16:48	1.379	82.74	35540.73	1.85108	1.379	82.74
Flow	1010	#####	1.373	1010	1	1	1995	16:49	1.373	82.38	35540.37	1.851061	1.373	82.38
Flow	1011	#####	1.368	1011	1	1	1995	16:50	1.368	82.08	35540.07	1.851045	1.368	82.08
Flow	1012	#####	1.363	1012	1	1	1995	16:51	1.363	81.78	35539.77	1.85103	1.363	81.78
Flow	1013	#####	1.358	1013	1	1	1995	16:52	1.358	81.48	35539.47	1.851014	1.358	81.48
Flow	1014	#####	1.354	1014	1	1	1995	16:53	1.354	81.24	35539.23	1.851001	1.354	81.24
Flow	1015	#####	1.349	1015	1	1	1995	16:54	1.349	80.94	35538.93	1.850986	1.349	80.94
Flow	1016	#####	1.344	1016	1	1	1995	16:55	1.344	80.64	35538.63	1.85097	1.344	80.64

Flow	1017	#####	1.339	1017	1	1	1995	16:55	1.339	80.34	35538.33	1.850955	1.339	80.34
Flow	1018	#####	1.335	1018	1	1	1995	16:57	1.335	80.1	35538.09	1.850942	1.335	80.1
Flow	1019	#####	1.33	1019	1	1	1995	16:58	1.33	79.8	35537.79	1.850926	1.33	79.8
Flow	1020	#####	1.326	1020	1	1	1995	16:59	1.326	79.56	35537.55	1.850914	1.326	79.56
Flow	1021	#####	1.322	1021	1	1	1995	17:00	1.322	79.32	35537.31	1.850901	1.322	79.32
Flow	1022	#####	1.317	1022	1	1	1995	17:01	1.317	79.02	35537.01	1.850886	1.317	79.02
Flow	1023	#####	1.313	1023	1	1	1995	17:02	1.313	78.78	35536.77	1.850873	1.313	78.78
Flow	1024	#####	1.309	1024	1	1	1995	17:02	1.309	78.54	35536.53	1.850861	1.309	78.54
Flow	1025	#####	1.305	1025	1	1	1995	17:04	1.305	78.3	35536.29	1.850848	1.305	78.3
Flow	1026	#####	1.301	1026	1	1	1995	17:05	1.301	78.06	35536.05	1.850836	1.301	78.06
Flow	1027	#####	1.297	1027	1	1	1995	17:06	1.297	77.82	35535.81	1.850823	1.297	77.82
Flow	1028	#####	1.293	1028	1	1	1995	17:07	1.293	77.58	35535.57	1.850811	1.293	77.58
Flow	1029	#####	1.289	1029	1	1	1995	17:08	1.289	77.34	35535.33	1.850798	1.289	77.34
Flow	1030	#####	1.286	1030	1	1	1995	17:09	1.286	77.16	35535.15	1.850789	1.286	77.16
Flow	1031	#####	1.282	1031	1	1	1995	17:09	1.282	76.92	35534.91	1.850776	1.282	76.92
Flow	1032	#####	1.278	1032	1	1	1995	17:11	1.278	76.68	35534.67	1.850764	1.278	76.68
Flow	1033	#####	1.274	1033	1	1	1995	17:12	1.274	76.44	35534.43	1.850751	1.274	76.44
Flow	1034	#####	1.271	1034	1	1	1995	17:13	1.271	76.26	35534.25	1.850742	1.271	76.26
Flow	1035	#####	1.267	1035	1	1	1995	17:14	1.267	76.02	35534.01	1.85073	1.267	76.02
Flow	1036	#####	1.264	1036	1	1	1995	17:15	1.264	75.84	35533.83	1.85072	1.264	75.84
Flow	1037	#####	1.261	1037	1	1	1995	17:16	1.261	75.66	35533.65	1.850711	1.261	75.66
Flow	1038	#####	1.257	1038	1	1	1995	17:17	1.257	75.42	35533.41	1.850698	1.257	75.42
Flow	1039	#####	1.254	1039	1	1	1995	17:18	1.254	75.24	35533.23	1.850689	1.254	75.24
Flow	1040	#####	1.25	1040	1	1	1995	17:19	1.25	75	35532.99	1.850676	1.25	75
Flow	1041	#####	1.247	1041	1	1	1995	17:20	1.247	74.82	35532.81	1.850667	1.247	74.82
Flow	1042	#####	1.244	1042	1	1	1995	17:21	1.244	74.64	35532.63	1.850658	1.244	74.64
Flow	1043	#####	1.241	1043	1	1	1995	17:22	1.241	74.46	35532.45	1.850648	1.241	74.46
Flow	1044	#####	1.237	1044	1	1	1995	17:23	1.237	74.22	35532.21	1.850636	1.237	74.22
Flow	1045	#####	1.234	1045	1	1	1995	17:24	1.234	74.04	35532.03	1.850626	1.234	74.04
Flow	1046	#####	1.231	1046	1	1	1995	17:25	1.231	73.86	35531.85	1.850617	1.231	73.86
Flow	1047	#####	1.228	1047	1	1	1995	17:26	1.228	73.68	35531.67	1.850608	1.228	73.68
Flow	1048	#####	1.225	1048	1	1	1995	17:27	1.225	73.5	35531.49	1.850598	1.225	73.5
Flow	1049	#####	1.222	1049	1	1	1995	17:28	1.222	73.32	35531.31	1.850589	1.222	73.32
Flow	1050	#####	1.219	1050	1	1	1995	17:29	1.219	73.14	35531.13	1.85058	1.219	73.14
Flow	1051	#####	1.216	1051	1	1	1995	17:30	1.216	72.96	35530.95	1.85057	1.216	72.96
Flow	1052	#####	1.213	1052	1	1	1995	17:31	1.213	72.78	35530.77	1.850561	1.213	72.78
Flow	1053	#####	1.21	1053	1	1	1995	17:32	1.21	72.6	35530.59	1.850551	1.21	72.6
Flow	1054	#####	1.207	1054	1	1	1995	17:33	1.207	72.42	35530.41	1.850542	1.207	72.42
Flow	1055	#####	1.204	1055	1	1	1995	17:34	1.204	72.24	35530.23	1.850533	1.204	72.24
Flow	1056	#####	1.201	1056	1	1	1995	17:35	1.201	72.06	35530.05	1.850523	1.201	72.06
Flow	1057	#####	1.198	1057	1	1	1995	17:36	1.198	71.88	35529.87	1.850514	1.198	71.88
Flow	1058	#####	1.195	1058	1	1	1995	17:37	1.195	71.7	35529.69	1.850505	1.195	71.7
Flow	1059	#####	1.192	1059	1	1	1995	17:38	1.192	71.52	35529.51	1.850495	1.192	71.52
Flow	1060	#####	1.189	1060	1	1	1995	17:39	1.189	71.34	35529.33	1.850486	1.189	71.34
Flow	1061	#####	1.186	1061	1	1	1995	17:40	1.186	71.16	35529.15	1.850476	1.186	71.16
Flow	1062	#####	1.183	1062	1	1	1995	17:40	1.183	70.98	35528.97	1.850467	1.183	70.98
Flow	1063	#####	1.18	1063	1	1	1995	17:42	1.18	70.8	35528.79	1.850458	1.18	70.8
Flow	1064	#####	1.178	1064	1	1	1995	17:43	1.178	70.68	35528.67	1.850451	1.178	70.68
Flow	1065	#####	1.175	1065	1	1	1995	17:44	1.175	70.5	35528.49	1.850442	1.175	70.5
Flow	1066	#####	1.172	1066	1	1	1995	17:45	1.172	70.32	35528.31	1.850433	1.172	70.32
Flow	1067	#####	1.169	1067	1	1	1995	17:46	1.169	70.14	35528.13	1.850423	1.169	70.14
Flow	1068	#####	1.166	1068	1	1	1995	17:47	1.166	69.96	35527.95	1.850414	1.166	69.96
Flow	1069	#####	1.164	1069	1	1	1995	17:47	1.164	69.84	35527.83	1.850408	1.164	69.84
Flow	1070	#####	1.161	1070	1	1	1995	17:49	1.161	69.66	35527.65	1.850398	1.161	69.66
Flow	1071	#####	1.158	1071	1	1	1995	17:50	1.158	69.48	35527.47	1.850389	1.158	69.48
Flow	1072	#####	1.155	1072	1	1	1995	17:51	1.155	69.3	35527.29	1.85038	1.155	69.3
Flow	1073	#####	1.153	1073	1	1	1995	17:52	1.153	69.18	35527.17	1.850373	1.153	69.18

Flow	1074	#####	1.15	1074	1	1	1995	17:53	1.15	69	35526.99	1.850364	1.15	69
Flow	1075	#####	1.147	1075	1	1	1995	17:54	1.147	68.82	35526.81	1.850355	1.147	68.82
Flow	1076	#####	1.145	1076	1	1	1995	17:54	1.145	68.7	35526.69	1.850348	1.145	68.7
Flow	1077	#####	1.142	1077	1	1	1995	17:56	1.142	68.52	35526.51	1.850339	1.142	68.52
Flow	1078	#####	1.139	1078	1	1	1995	17:57	1.139	68.34	35526.33	1.85033	1.139	68.34
Flow	1079	#####	1.137	1079	1	1	1995	17:58	1.137	68.22	35526.21	1.850323	1.137	68.22
Flow	1080	#####	1.134	1080	1	1	1995	17:59	1.134	68.04	35526.03	1.850314	1.134	68.04
Flow	1081	#####	1.132	1081	1	1	1995	18:00	1.132	67.92	35525.91	1.850308	1.132	67.92
Flow	1082	#####	1.129	1082	1	1	1995	18:01	1.129	67.74	35525.73	1.850298	1.129	67.74
Flow	1083	#####	1.127	1083	1	1	1995	18:02	1.127	67.62	35525.61	1.850292	1.127	67.62
Flow	1084	#####	1.124	1084	1	1	1995	18:03	1.124	67.44	35525.43	1.850283	1.124	67.44
Flow	1085	#####	1.122	1085	1	1	1995	18:04	1.122	67.32	35525.31	1.850276	1.122	67.32
Flow	1086	#####	1.119	1086	1	1	1995	18:05	1.119	67.14	35525.13	1.850267	1.119	67.14
Flow	1087	#####	1.116	1087	1	1	1995	18:06	1.116	66.96	35524.95	1.850258	1.116	66.96
Flow	1088	#####	1.114	1088	1	1	1995	18:07	1.114	66.84	35524.83	1.850251	1.114	66.84
Flow	1089	#####	1.112	1089	1	1	1995	18:08	1.112	66.72	35524.71	1.850245	1.112	66.72
Flow	1090	#####	1.109	1090	1	1	1995	18:09	1.109	66.54	35524.53	1.850236	1.109	66.54
Flow	1091	#####	1.107	1091	1	1	1995	18:10	1.107	66.42	35524.41	1.85023	1.107	66.42
Flow	1092	#####	1.104	1092	1	1	1995	18:11	1.104	66.24	35524.23	1.85022	1.104	66.24
Flow	1093	#####	1.102	1093	1	1	1995	18:12	1.102	66.12	35524.11	1.850214	1.102	66.12
Flow	1094	#####	1.099	1094	1	1	1995	18:13	1.099	65.94	35523.93	1.850205	1.099	65.94
Flow	1095	#####	1.097	1095	1	1	1995	18:14	1.097	65.82	35523.81	1.850198	1.097	65.82
Flow	1096	#####	1.094	1096	1	1	1995	18:15	1.094	65.64	35523.63	1.850189	1.094	65.64
Flow	1097	#####	1.092	1097	1	1	1995	18:16	1.092	65.52	35523.51	1.850183	1.092	65.52
Flow	1098	#####	1.089	1098	1	1	1995	18:17	1.089	65.34	35523.33	1.850173	1.089	65.34
Flow	1099	#####	1.087	1099	1	1	1995	18:18	1.087	65.22	35523.21	1.850167	1.087	65.22
Flow	1100	#####	1.084	1100	1	1	1995	18:19	1.084	65.04	35523.03	1.850158	1.084	65.04
Flow	1101	#####	1.082	1101	1	1	1995	18:20	1.082	64.92	35522.91	1.850151	1.082	64.92
Flow	1102	#####	1.08	1102	1	1	1995	18:21	1.08	64.8	35522.79	1.850145	1.08	64.8
Flow	1103	#####	1.077	1103	1	1	1995	18:22	1.077	64.62	35522.61	1.850136	1.077	64.62
Flow	1104	#####	1.075	1104	1	1	1995	18:23	1.075	64.5	35522.49	1.85013	1.075	64.5
Flow	1105	#####	1.072	1105	1	1	1995	18:24	1.072	64.32	35522.31	1.85012	1.072	64.32
Flow	1106	#####	1.07	1106	1	1	1995	18:25	1.07	64.2	35522.19	1.850114	1.07	64.2
Flow	1107	#####	1.068	1107	1	1	1995	18:25	1.068	64.08	35522.07	1.850108	1.068	64.08
Flow	1108	#####	1.065	1108	1	1	1995	18:27	1.065	63.9	35521.89	1.850098	1.065	63.9
Flow	1109	#####	1.063	1109	1	1	1995	18:28	1.063	63.78	35521.77	1.850092	1.063	63.78
Flow	1110	#####	1.06	1110	1	1	1995	18:29	1.06	63.6	35521.59	1.850083	1.06	63.6
Flow	1111	#####	1.058	1111	1	1	1995	18:30	1.058	63.48	35521.47	1.850076	1.058	63.48
Flow	1112	#####	1.056	1112	1	1	1995	18:31	1.056	63.36	35521.35	1.85007	1.056	63.36
Flow	1113	#####	1.053	1113	1	1	1995	18:32	1.053	63.18	35521.17	1.850061	1.053	63.18
Flow	1114	#####	1.051	1114	1	1	1995	18:32	1.051	63.06	35521.05	1.850055	1.051	63.06
Flow	1115	#####	1.048	1115	1	1	1995	18:34	1.048	62.88	35520.87	1.850045	1.048	62.88
Flow	1116	#####	1.046	1116	1	1	1995	18:35	1.046	62.76	35520.75	1.850039	1.046	62.76
Flow	1117	#####	1.044	1117	1	1	1995	18:36	1.044	62.64	35520.63	1.850033	1.044	62.64
Flow	1118	#####	1.041	1118	1	1	1995	18:37	1.041	62.46	35520.45	1.850023	1.041	62.46
Flow	1119	#####	1.039	1119	1	1	1995	18:38	1.039	62.34	35520.33	1.850017	1.039	62.34
Flow	1120	#####	1.036	1120	1	1	1995	18:39	1.036	62.16	35520.15	1.850008	1.036	62.16
Flow	1121	#####	1.034	1121	1	1	1995	18:39	1.034	62.04	35520.03	1.850001	1.034	62.04
Flow	1122	#####	1.032	1122	1	1	1995	18:41	1.032	61.92	35519.91	1.849995	1.032	61.92
Flow	1123	#####	1.029	1123	1	1	1995	18:42	1.029	61.74	35519.73	1.849986	1.029	61.74
Flow	1124	#####	1.027	1124	1	1	1995	18:43	1.027	61.62	35519.61	1.84998	1.027	61.62
Flow	1125	#####	1.024	1125	1	1	1995	18:44	1.024	61.44	35519.43	1.84997	1.024	61.44
Flow	1126	#####	1.022	1126	1	1	1995	18:45	1.022	61.32	35519.31	1.849964	1.022	61.32
Flow	1127	#####	1.02	1127	1	1	1995	18:46	1.02	61.2	35519.19	1.849958	1.02	61.2
Flow	1128	#####	1.017	1128	1	1	1995	18:47	1.017	61.02	35519.01	1.849948	1.017	61.02
Flow	1129	#####	1.015	1129	1	1	1995	18:48	1.015	60.9	35518.89	1.849942	1.015	60.9
Flow	1130	#####	1.013	1130	1	1	1995	18:49	1.013	60.78	35518.77	1.849936	1.013	60.78

Flow	1131	#####	1.01	1131	1	1	1995	18:50	1.01	60.6	35518.59	1.849926	1.01	60.6
Flow	1132	#####	1.008	1132	1	1	1995	18:51	1.008	60.48	35518.47	1.84992	1.008	60.48
Flow	1133	#####	1.005	1133	1	1	1995	18:52	1.005	60.3	35518.29	1.849911	1.005	60.3
Flow	1134	#####	1.003	1134	1	1	1995	18:53	1.003	60.18	35518.17	1.849905	1.003	60.18
Flow	1135	#####	1.001	1135	1	1	1995	18:54	1.001	60.06	35518.05	1.849898	1.001	60.06
Flow	1136	#####	0.998	1136	1	1	1995	18:55	0.998	59.88	35517.87	1.849889	0.998	59.88
Flow	1137	#####	0.996	1137	1	1	1995	18:56	0.996	59.76	35517.75	1.849883	0.996	59.76
Flow	1138	#####	0.994	1138	1	1	1995	18:57	0.994	59.64	35517.63	1.849876	0.994	59.64
Flow	1139	#####	0.991	1139	1	1	1995	18:58	0.991	59.46	35517.45	1.849867	0.991	59.46
Flow	1140	#####	0.989	1140	1	1	1995	18:59	0.989	59.34	35517.33	1.849861	0.989	59.34
Flow	1141	#####	0.986	1141	1	1	1995	19:00	0.986	59.16	35517.15	1.849851	0.986	59.16
Flow	1142	#####	0.984	1142	1	1	1995	19:01	0.984	59.04	35517.03	1.849845	0.984	59.04
Flow	1143	#####	0.982	1143	1	1	1995	19:02	0.982	58.92	35516.91	1.849839	0.982	58.92
Flow	1144	#####	0.979	1144	1	1	1995	19:03	0.979	58.74	35516.73	1.84983	0.979	58.74
Flow	1145	#####	0.977	1145	1	1	1995	19:04	0.977	58.62	35516.61	1.849823	0.977	58.62
Flow	1146	#####	0.974	1146	1	1	1995	19:05	0.974	58.44	35516.43	1.849814	0.974	58.44
Flow	1147	#####	0.972	1147	1	1	1995	19:06	0.972	58.32	35516.31	1.849808	0.972	58.32
Flow	1148	#####	0.969	1148	1	1	1995	19:07	0.969	58.14	35516.13	1.849798	0.969	58.14
Flow	1149	#####	0.967	1149	1	1	1995	19:08	0.967	58.02	35516.01	1.849792	0.967	58.02
Flow	1150	#####	0.965	1150	1	1	1995	19:09	0.965	57.9	35515.89	1.849786	0.965	57.9
Flow	1151	#####	0.962	1151	1	1	1995	19:10	0.962	57.72	35515.71	1.849776	0.962	57.72
Flow	1152	#####	0.96	1152	1	1	1995	19:10	0.96	57.6	35515.59	1.84977	0.96	57.6
Flow	1153	#####	0.958	1153	1	1	1995	19:12	0.958	57.48	35515.47	1.849764	0.958	57.48
Flow	1154	#####	0.955	1154	1	1	1995	19:13	0.955	57.3	35515.29	1.849755	0.955	57.3
Flow	1155	#####	0.953	1155	1	1	1995	19:14	0.953	57.18	35515.17	1.849748	0.953	57.18
Flow	1156	#####	0.951	1156	1	1	1995	19:15	0.951	57.06	35515.05	1.849742	0.951	57.06
Flow	1157	#####	0.948	1157	1	1	1995	19:16	0.948	56.88	35514.87	1.849733	0.948	56.88
Flow	1158	#####	0.946	1158	1	1	1995	19:17	0.946	56.76	35514.75	1.849726	0.946	56.76
Flow	1159	#####	0.943	1159	1	1	1995	19:17	0.943	56.58	35514.57	1.849717	0.943	56.58
Flow	1160	#####	0.941	1160	1	1	1995	19:19	0.941	56.46	35514.45	1.849711	0.941	56.46
Flow	1161	#####	0.939	1161	1	1	1995	19:20	0.939	56.34	35514.33	1.849705	0.939	56.34
Flow	1162	#####	0.936	1162	1	1	1995	19:21	0.936	56.16	35514.15	1.849695	0.936	56.16
Flow	1163	#####	0.934	1163	1	1	1995	19:22	0.934	56.04	35514.03	1.849689	0.934	56.04
Flow	1164	#####	0.932	1164	1	1	1995	19:23	0.932	55.92	35513.91	1.849683	0.932	55.92
Flow	1165	#####	0.929	1165	1	1	1995	19:24	0.929	55.74	35513.73	1.849673	0.929	55.74
Flow	1166	#####	0.927	1166	1	1	1995	19:24	0.927	55.62	35513.61	1.849667	0.927	55.62
Flow	1167	#####	0.924	1167	1	1	1995	19:26	0.924	55.44	35513.43	1.849658	0.924	55.44
Flow	1168	#####	0.922	1168	1	1	1995	19:27	0.922	55.32	35513.31	1.849651	0.922	55.32
Flow	1169	#####	0.92	1169	1	1	1995	19:28	0.92	55.2	35513.19	1.849645	0.92	55.2
Flow	1170	#####	0.917	1170	1	1	1995	19:29	0.917	55.02	35513.01	1.849636	0.917	55.02
Flow	1171	#####	0.915	1171	1	1	1995	19:30	0.915	54.9	35512.89	1.84963	0.915	54.9
Flow	1172	#####	0.912	1172	1	1	1995	19:31	0.912	54.72	35512.71	1.84962	0.912	54.72
Flow	1173	#####	0.91	1173	1	1	1995	19:32	0.91	54.6	35512.59	1.849614	0.91	54.6
Flow	1174	#####	0.908	1174	1	1	1995	19:33	0.908	54.48	35512.47	1.849608	0.908	54.48
Flow	1175	#####	0.905	1175	1	1	1995	19:34	0.905	54.3	35512.29	1.849598	0.905	54.3
Flow	1176	#####	0.903	1176	1	1	1995	19:35	0.903	54.18	35512.17	1.849592	0.903	54.18
Flow	1177	#####	0.901	1177	1	1	1995	19:36	0.901	54.06	35512.05	1.849586	0.901	54.06
Flow	1178	#####	0.899	1178	1	1	1995	19:37	0.899	53.94	35511.93	1.84958	0.899	53.94
Flow	1179	#####	0.896	1179	1	1	1995	19:38	0.896	53.76	35511.75	1.84957	0.896	53.76
Flow	1180	#####	0.894	1180	1	1	1995	19:39	0.894	53.64	35511.63	1.849564	0.894	53.64
Flow	1181	#####	0.892	1181	1	1	1995	19:40	0.892	53.52	35511.51	1.849558	0.892	53.52
Flow	1182	#####	0.89	1182	1	1	1995	19:41	0.89	53.4	35511.39	1.849551	0.89	53.4
Flow	1183	#####	0.887	1183	1	1	1995	19:42	0.887	53.22	35511.21	1.849542	0.887	53.22
Flow	1184	#####	0.885	1184	1	1	1995	19:43	0.885	53.1	35511.09	1.849536	0.885	53.1
Flow	1185	#####	0.882	1185	1	1	1995	19:44	0.882	52.92	35510.91	1.849526	0.882	52.92
Flow	1186	#####	0.88	1186	1	1	1995	19:45	0.88	52.8	35510.79	1.84952	0.88	52.8
Flow	1187	#####	0.878	1187	1	1	1995	19:46	0.878	52.68	35510.67	1.849514	0.878	52.68

Flow	1188	#####	0.875	1188	1	1	1995	19:47	0.875	52.5	35510.49	1.849505	0.875	52.5
Flow	1189	#####	0.873	1189	1	1	1995	19:48	0.873	52.38	35510.37	1.849498	0.873	52.38
Flow	1190	#####	0.871	1190	1	1	1995	19:49	0.871	52.26	35510.25	1.849492	0.871	52.26
Flow	1191	#####	0.869	1191	1	1	1995	19:50	0.869	52.14	35510.13	1.849486	0.869	52.14
Flow	1192	#####	0.866	1192	1	1	1995	19:51	0.866	51.96	35509.95	1.849476	0.866	51.96
Flow	1193	#####	0.864	1193	1	1	1995	19:52	0.864	51.84	35509.83	1.84947	0.864	51.84
Flow	1194	#####	0.862	1194	1	1	1995	19:53	0.862	51.72	35509.71	1.849464	0.862	51.72
Flow	1195	#####	0.859	1195	1	1	1995	19:54	0.859	51.54	35509.53	1.849455	0.859	51.54
Flow	1196	#####	0.857	1196	1	1	1995	19:55	0.857	51.42	35509.41	1.849448	0.857	51.42
Flow	1197	#####	0.854	1197	1	1	1995	19:55	0.854	51.24	35509.23	1.849439	0.854	51.24
Flow	1198	#####	0.852	1198	1	1	1995	19:57	0.852	51.12	35509.11	1.849433	0.852	51.12
Flow	1199	#####	0.849	1199	1	1	1995	19:58	0.849	50.94	35508.93	1.849423	0.849	50.94
Flow	1200	#####	0.847	1200	1	1	1995	19:59	0.847	50.82	35508.81	1.849417	0.847	50.82
Flow	1201	#####	0.844	1201	1	1	1995	20:00	0.844	50.64	35508.63	1.849408	0.844	50.64
Flow	1202	#####	0.842	1202	1	1	1995	20:01	0.842	50.52	35508.51	1.849401	0.842	50.52
Flow	1203	#####	0.839	1203	1	1	1995	20:02	0.839	50.34	35508.33	1.849392	0.839	50.34
Flow	1204	#####	0.837	1204	1	1	1995	20:02	0.837	50.22	35508.21	1.849386	0.837	50.22
Flow	1205	#####	0.835	1205	1	1	1995	20:04	0.835	50.1	35508.09	1.84938	0.835	50.1
Flow	1206	#####	0.832	1206	1	1	1995	20:05	0.832	49.92	35507.91	1.84937	0.832	49.92
Flow	1207	#####	0.83	1207	1	1	1995	20:06	0.83	49.8	35507.79	1.849364	0.83	49.8
Flow	1208	#####	0.827	1208	1	1	1995	20:07	0.827	49.62	35507.61	1.849355	0.827	49.62
Flow	1209	#####	0.825	1209	1	1	1995	20:08	0.825	49.5	35507.49	1.849348	0.825	49.5
Flow	1210	#####	0.822	1210	1	1	1995	20:09	0.822	49.32	35507.31	1.849339	0.822	49.32
Flow	1211	#####	0.82	1211	1	1	1995	20:09	0.82	49.2	35507.19	1.849333	0.82	49.2
Flow	1212	#####	0.817	1212	1	1	1995	20:11	0.817	49.02	35507.01	1.849323	0.817	49.02
Flow	1213	#####	0.815	1213	1	1	1995	20:12	0.815	48.9	35506.89	1.849317	0.815	48.9
Flow	1214	#####	0.812	1214	1	1	1995	20:13	0.812	48.72	35506.71	1.849308	0.812	48.72
Flow	1215	#####	0.81	1215	1	1	1995	20:14	0.81	48.6	35506.59	1.849301	0.81	48.6
Flow	1216	#####	0.807	1216	1	1	1995	20:15	0.807	48.42	35506.41	1.849292	0.807	48.42
Flow	1217	#####	0.805	1217	1	1	1995	20:16	0.805	48.3	35506.29	1.849286	0.805	48.3
Flow	1218	#####	0.802	1218	1	1	1995	20:17	0.802	48.12	35506.11	1.849276	0.802	48.12
Flow	1219	#####	0.8	1219	1	1	1995	20:18	0.8	48	35505.99	1.84927	0.8	48
Flow	1220	#####	0.798	1220	1	1	1995	20:19	0.798	47.88	35505.87	1.849264	0.798	47.88
Flow	1221	#####	0.795	1221	1	1	1995	20:20	0.795	47.7	35505.69	1.849255	0.795	47.7
Flow	1222	#####	0.793	1222	1	1	1995	20:21	0.793	47.58	35505.57	1.849248	0.793	47.58
Flow	1223	#####	0.79	1223	1	1	1995	20:22	0.79	47.4	35505.39	1.849239	0.79	47.4
Flow	1224	#####	0.788	1224	1	1	1995	20:23	0.788	47.28	35505.27	1.849233	0.788	47.28
Flow	1225	#####	0.786	1225	1	1	1995	20:24	0.786	47.16	35505.15	1.849226	0.786	47.16
Flow	1226	#####	0.784	1226	1	1	1995	20:25	0.784	47.04	35505.03	1.84922	0.784	47.04
Flow	1227	#####	0.781	1227	1	1	1995	20:26	0.781	46.86	35504.85	1.849211	0.781	46.86
Flow	1228	#####	0.779	1228	1	1	1995	20:27	0.779	46.74	35504.73	1.849205	0.779	46.74
Flow	1229	#####	0.777	1229	1	1	1995	20:28	0.777	46.62	35504.61	1.849198	0.777	46.62
Flow	1230	#####	0.775	1230	1	1	1995	20:29	0.775	46.5	35504.49	1.849192	0.775	46.5
Flow	1231	#####	0.772	1231	1	1	1995	20:30	0.772	46.32	35504.31	1.849183	0.772	46.32
Flow	1232	#####	0.77	1232	1	1	1995	20:31	0.77	46.2	35504.19	1.849176	0.77	46.2
Flow	1233	#####	0.768	1233	1	1	1995	20:32	0.768	46.08	35504.07	1.84917	0.768	46.08
Flow	1234	#####	0.766	1234	1	1	1995	20:33	0.766	45.96	35503.95	1.849164	0.766	45.96
Flow	1235	#####	0.764	1235	1	1	1995	20:34	0.764	45.84	35503.83	1.849158	0.764	45.84
Flow	1236	#####	0.762	1236	1	1	1995	20:35	0.762	45.72	35503.71	1.849151	0.762	45.72
Flow	1237	#####	0.76	1237	1	1	1995	20:36	0.76	45.6	35503.59	1.849145	0.76	45.6
Flow	1238	#####	0.758	1238	1	1	1995	20:37	0.758	45.48	35503.47	1.849139	0.758	45.48
Flow	1239	#####	0.755	1239	1	1	1995	20:38	0.755	45.3	35503.29	1.84913	0.755	45.3
Flow	1240	#####	0.754	1240	1	1	1995	20:39	0.754	45.24	35503.23	1.849126	0.754	45.24
Flow	1241	#####	0.752	1241	1	1	1995	20:40	0.752	45.12	35503.11	1.84912	0.752	45.12
Flow	1242	#####	0.75	1242	1	1	1995	20:40	0.75	45	35502.99	1.849114	0.75	45
Flow	1243	#####	0.748	1243	1	1	1995	20:42	0.748	44.88	35502.87	1.849108	0.748	44.88
Flow	1244	#####	0.746	1244	1	1	1995	20:43	0.746	44.76	35502.75	1.849101	0.746	44.76

Flow	1245	#####	0.744	1245	1	1	1995	20:44	0.744	44.64	35502.63	1.849095	0.744	44.64
Flow	1246	#####	0.742	1246	1	1	1995	20:45	0.742	44.52	35502.51	1.849089	0.742	44.52
Flow	1247	#####	0.74	1247	1	1	1995	20:46	0.74	44.4	35502.39	1.849083	0.74	44.4
Flow	1248	#####	0.739	1248	1	1	1995	20:47	0.739	44.34	35502.33	1.84908	0.739	44.34
Flow	1249	#####	0.737	1249	1	1	1995	20:47	0.737	44.22	35502.21	1.849073	0.737	44.22
Flow	1250	#####	0.735	1250	1	1	1995	20:49	0.735	44.1	35502.09	1.849067	0.735	44.1
Flow	1251	#####	0.734	1251	1	1	1995	20:50	0.734	44.04	35502.03	1.849064	0.734	44.04
Flow	1252	#####	0.732	1252	1	1	1995	20:51	0.732	43.92	35501.91	1.849058	0.732	43.92
Flow	1253	#####	0.73	1253	1	1	1995	20:52	0.73	43.8	35501.79	1.849051	0.73	43.8
Flow	1254	#####	0.729	1254	1	1	1995	20:53	0.729	43.74	35501.73	1.849048	0.729	43.74
Flow	1255	#####	0.727	1255	1	1	1995	20:54	0.727	43.62	35501.61	1.849042	0.727	43.62
Flow	1256	#####	0.726	1256	1	1	1995	20:54	0.726	43.56	35501.55	1.849039	0.726	43.56
Flow	1257	#####	0.724	1257	1	1	1995	20:56	0.724	43.44	35501.43	1.849033	0.724	43.44
Flow	1258	#####	0.723	1258	1	1	1995	20:57	0.723	43.38	35501.37	1.84903	0.723	43.38
Flow	1259	#####	0.721	1259	1	1	1995	20:58	0.721	43.26	35501.25	1.849023	0.721	43.26
Flow	1260	#####	0.72	1260	1	1	1995	20:59	0.72	43.2	35501.19	1.84902	0.72	43.2
Flow	1261	#####	0.718	1261	1	1	1995	21:00	0.718	43.08	35501.07	1.849014	0.718	43.08
Flow	1262	#####	0.717	1262	1	1	1995	21:01	0.717	43.02	35501.01	1.849011	0.717	43.02
Flow	1263	#####	0.715	1263	1	1	1995	21:02	0.715	42.9	35500.89	1.849005	0.715	42.9
Flow	1264	#####	0.714	1264	1	1	1995	21:03	0.714	42.84	35500.83	1.849001	0.714	42.84
Flow	1265	#####	0.713	1265	1	1	1995	21:04	0.713	42.78	35500.77	1.848998	0.713	42.78
Flow	1266	#####	0.711	1266	1	1	1995	21:05	0.711	42.66	35500.65	1.848992	0.711	42.66
Flow	1267	#####	0.71	1267	1	1	1995	21:06	0.71	42.6	35500.59	1.848989	0.71	42.6
Flow	1268	#####	0.709	1268	1	1	1995	21:07	0.709	42.54	35500.53	1.848986	0.709	42.54
Flow	1269	#####	0.708	1269	1	1	1995	21:08	0.708	42.48	35500.47	1.848983	0.708	42.48
Flow	1270	#####	0.706	1270	1	1	1995	21:09	0.706	42.36	35500.35	1.848976	0.706	42.36
Flow	1271	#####	0.705	1271	1	1	1995	21:10	0.705	42.3	35500.29	1.848973	0.705	42.3
Flow	1272	#####	0.704	1272	1	1	1995	21:11	0.704	42.24	35500.23	1.84897	0.704	42.24
Flow	1273	#####	0.703	1273	1	1	1995	21:12	0.703	42.18	35500.17	1.848967	0.703	42.18
Flow	1274	#####	0.702	1274	1	1	1995	21:13	0.702	42.12	35500.11	1.848964	0.702	42.12
Flow	1275	#####	0.701	1275	1	1	1995	21:14	0.701	42.06	35500.05	1.848961	0.701	42.06
Flow	1276	#####	0.7	1276	1	1	1995	21:15	0.7	42	35499.99	1.848958	0.7	42
Flow	1277	#####	0.699	1277	1	1	1995	21:16	0.699	41.94	35499.93	1.848955	0.699	41.94
Flow	1278	#####	0.698	1278	1	1	1995	21:17	0.698	41.88	35499.87	1.848951	0.698	41.88
Flow	1279	#####	0.697	1279	1	1	1995	21:18	0.697	41.82	35499.81	1.848948	0.697	41.82
Flow	1280	#####	0.696	1280	1	1	1995	21:19	0.696	41.76	35499.75	1.848945	0.696	41.76
Flow	1281	#####	0.695	1281	1	1	1995	21:20	0.695	41.7	35499.69	1.848942	0.695	41.7
Flow	1282	#####	0.694	1282	1	1	1995	21:21	0.694	41.64	35499.63	1.848939	0.694	41.64
Flow	1283	#####	0.693	1283	1	1	1995	21:22	0.693	41.58	35499.57	1.848936	0.693	41.58
Flow	1284	#####	0.692	1284	1	1	1995	21:23	0.692	41.52	35499.51	1.848933	0.692	41.52
Flow	1285	#####	0.692	1285	1	1	1995	21:24	0.692	41.52	35499.51	1.848933	0.692	41.52
Flow	1286	#####	0.691	1286	1	1	1995	21:25	0.691	41.46	35499.45	1.84893	0.691	41.46
Flow	1287	#####	0.69	1287	1	1	1995	21:25	0.69	41.4	35499.39	1.848926	0.69	41.4
Flow	1288	#####	0.689	1288	1	1	1995	21:27	0.689	41.34	35499.33	1.848923	0.689	41.34
Flow	1289	#####	0.688	1289	1	1	1995	21:28	0.688	41.28	35499.27	1.84892	0.688	41.28
Flow	1290	#####	0.687	1290	1	1	1995	21:29	0.687	41.22	35499.21	1.848917	0.687	41.22
Flow	1291	#####	0.686	1291	1	1	1995	21:30	0.686	41.16	35499.15	1.848914	0.686	41.16
Flow	1292	#####	0.686	1292	1	1	1995	21:31	0.686	41.16	35499.15	1.848914	0.686	41.16
Flow	1293	#####	0.685	1293	1	1	1995	21:32	0.685	41.1	35499.09	1.848911	0.685	41.1
Flow	1294	#####	0.685	1294	1	1	1995	21:32	0.685	41.1	35499.09	1.848911	0.685	41.1
Flow	1295	#####	0.684	1295	1	1	1995	21:34	0.684	41.04	35499.03	1.848908	0.684	41.04
Flow	1296	#####	0.683	1296	1	1	1995	21:35	0.683	40.98	35498.97	1.848905	0.683	40.98
Flow	1297	#####	0.683	1297	1	1	1995	21:36	0.683	40.98	35498.97	1.848905	0.683	40.98
Flow	1298	#####	0.682	1298	1	1	1995	21:37	0.682	40.92	35498.91	1.848901	0.682	40.92
Flow	1299	#####	0.681	1299	1	1	1995	21:38	0.681	40.86	35498.85	1.848898	0.681	40.86
Flow	1300	#####	0.681	1300	1	1	1995	21:39	0.681	40.86	35498.85	1.848898	0.681	40.86
Flow	1301	#####	0.68	1301	1	1	1995	21:39	0.68	40.8	35498.79	1.848895	0.68	40.8

Flow	1302	#####	0.679	1302	1	1	1995	21:41	0.679	40.74	35498.73	1.848892	0.679	40.74
Flow	1303	#####	0.679	1303	1	1	1995	21:42	0.679	40.74	35498.73	1.848892	0.679	40.74
Flow	1304	#####	0.678	1304	1	1	1995	21:43	0.678	40.68	35498.67	1.848889	0.678	40.68
Flow	1305	#####	0.678	1305	1	1	1995	21:44	0.678	40.68	35498.67	1.848889	0.678	40.68
Flow	1306	#####	0.677	1306	1	1	1995	21:45	0.677	40.62	35498.61	1.848886	0.677	40.62
Flow	1307	#####	0.677	1307	1	1	1995	21:46	0.677	40.62	35498.61	1.848886	0.677	40.62
Flow	1308	#####	0.676	1308	1	1	1995	21:47	0.676	40.56	35498.55	1.848883	0.676	40.56
Flow	1309	#####	0.676	1309	1	1	1995	21:48	0.676	40.56	35498.55	1.848883	0.676	40.56
Flow	1310	#####	0.675	1310	1	1	1995	21:49	0.675	40.5	35498.49	1.84888	0.675	40.5
Flow	1311	#####	0.675	1311	1	1	1995	21:50	0.675	40.5	35498.49	1.84888	0.675	40.5
Flow	1312	#####	0.674	1312	1	1	1995	21:51	0.674	40.44	35498.43	1.848876	0.674	40.44
Flow	1313	#####	0.674	1313	1	1	1995	21:52	0.674	40.44	35498.43	1.848876	0.674	40.44
Flow	1314	#####	0.673	1314	1	1	1995	21:53	0.673	40.38	35498.37	1.848873	0.673	40.38
Flow	1315	#####	0.673	1315	1	1	1995	21:54	0.673	40.38	35498.37	1.848873	0.673	40.38
Flow	1316	#####	0.672	1316	1	1	1995	21:55	0.672	40.32	35498.31	1.84887	0.672	40.32
Flow	1317	#####	0.671	1317	1	1	1995	21:56	0.671	40.26	35498.25	1.848867	0.671	40.26
Flow	1318	#####	0.671	1318	1	1	1995	21:57	0.671	40.26	35498.25	1.848867	0.671	40.26
Flow	1319	#####	0.67	1319	1	1	1995	21:58	0.67	40.2	35498.19	1.848864	0.67	40.2
Flow	1320	#####	0.67	1320	1	1	1995	21:59	0.67	40.2	35498.19	1.848864	0.67	40.2
Flow	1321	#####	0.669	1321	1	1	1995	22:00	0.669	40.14	35498.13	1.848861	0.669	40.14
Flow	1322	#####	0.669	1322	1	1	1995	22:01	0.669	40.14	35498.13	1.848861	0.669	40.14
Flow	1323	#####	0.669	1323	1	1	1995	22:02	0.669	40.14	35498.13	1.848861	0.669	40.14
Flow	1324	#####	0.668	1324	1	1	1995	22:03	0.668	40.08	35498.07	1.848858	0.668	40.08
Flow	1325	#####	0.668	1325	1	1	1995	22:04	0.668	40.08	35498.07	1.848858	0.668	40.08
Flow	1326	#####	0.667	1326	1	1	1995	22:05	0.667	40.02	35498.01	1.848855	0.667	40.02
Flow	1327	#####	0.667	1327	1	1	1995	22:06	0.667	40.02	35498.01	1.848855	0.667	40.02
Flow	1328	#####	0.666	1328	1	1	1995	22:07	0.666	39.96	35497.95	1.848851	0.666	39.96
Flow	1329	#####	0.666	1329	1	1	1995	22:08	0.666	39.96	35497.95	1.848851	0.666	39.96
Flow	1330	#####	0.665	1330	1	1	1995	22:09	0.665	39.9	35497.89	1.848848	0.665	39.9
Flow	1331	#####	0.665	1331	1	1	1995	22:10	0.665	39.9	35497.89	1.848848	0.665	39.9
Flow	1332	#####	0.664	1332	1	1	1995	22:10	0.664	39.84	35497.83	1.848845	0.664	39.84
Flow	1333	#####	0.664	1333	1	1	1995	22:12	0.664	39.84	35497.83	1.848845	0.664	39.84
Flow	1334	#####	0.663	1334	1	1	1995	22:13	0.663	39.78	35497.77	1.848842	0.663	39.78
Flow	1335	#####	0.663	1335	1	1	1995	22:14	0.663	39.78	35497.77	1.848842	0.663	39.78
Flow	1336	#####	0.662	1336	1	1	1995	22:15	0.662	39.72	35497.71	1.848839	0.662	39.72
Flow	1337	#####	0.662	1337	1	1	1995	22:16	0.662	39.72	35497.71	1.848839	0.662	39.72
Flow	1338	#####	0.661	1338	1	1	1995	22:17	0.661	39.66	35497.65	1.848836	0.661	39.66
Flow	1339	#####	0.661	1339	1	1	1995	22:17	0.661	39.66	35497.65	1.848836	0.661	39.66
Flow	1340	#####	0.66	1340	1	1	1995	22:19	0.66	39.6	35497.59	1.848833	0.66	39.6
Flow	1341	#####	0.659	1341	1	1	1995	22:20	0.659	39.54	35497.53	1.84883	0.659	39.54
Flow	1342	#####	0.659	1342	1	1	1995	22:21	0.659	39.54	35497.53	1.84883	0.659	39.54
Flow	1343	#####	0.658	1343	1	1	1995	22:22	0.658	39.48	35497.47	1.848826	0.658	39.48
Flow	1344	#####	0.658	1344	1	1	1995	22:23	0.658	39.48	35497.47	1.848826	0.658	39.48
Flow	1345	#####	0.657	1345	1	1	1995	22:24	0.657	39.42	35497.41	1.848823	0.657	39.42
Flow	1346	#####	0.657	1346	1	1	1995	22:24	0.657	39.42	35497.41	1.848823	0.657	39.42
Flow	1347	#####	0.656	1347	1	1	1995	22:26	0.656	39.36	35497.35	1.84882	0.656	39.36
Flow	1348	#####	0.656	1348	1	1	1995	22:27	0.656	39.36	35497.35	1.84882	0.656	39.36
Flow	1349	#####	0.655	1349	1	1	1995	22:28	0.655	39.3	35497.29	1.848817	0.655	39.3
Flow	1350	#####	0.655	1350	1	1	1995	22:29	0.655	39.3	35497.29	1.848817	0.655	39.3
Flow	1351	#####	0.654	1351	1	1	1995	22:30	0.654	39.24	35497.23	1.848814	0.654	39.24
Flow	1352	#####	0.654	1352	1	1	1995	22:31	0.654	39.24	35497.23	1.848814	0.654	39.24
Flow	1353	#####	0.653	1353	1	1	1995	22:32	0.653	39.18	35497.17	1.848811	0.653	39.18
Flow	1354	#####	0.653	1354	1	1	1995	22:33	0.653	39.18	35497.17	1.848811	0.653	39.18
Flow	1355	#####	0.652	1355	1	1	1995	22:34	0.652	39.12	35497.11	1.848808	0.652	39.12
Flow	1356	#####	0.652	1356	1	1	1995	22:35	0.652	39.12	35497.11	1.848808	0.652	39.12
Flow	1357	#####	0.651	1357	1	1	1995	22:36	0.651	39.06	35497.05	1.848805	0.651	39.06
Flow	1358	#####	0.651	1358	1	1	1995	22:37	0.651	39.06	35497.05	1.848805	0.651	39.06

Flow	1359	#####	0.65	1359	1	1	1995	22:38	0.65	39	35496.99	1.848801	0.65	39
Flow	1360	#####	0.65	1360	1	1	1995	22:39	0.65	39	35496.99	1.848801	0.65	39
Flow	1361	#####	0.649	1361	1	1	1995	22:40	0.649	38.94	35496.93	1.848798	0.649	38.94
Flow	1362	#####	0.649	1362	1	1	1995	22:41	0.649	38.94	35496.93	1.848798	0.649	38.94
Flow	1363	#####	0.648	1363	1	1	1995	22:42	0.648	38.88	35496.87	1.848795	0.648	38.88
Flow	1364	#####	0.648	1364	1	1	1995	22:43	0.648	38.88	35496.87	1.848795	0.648	38.88
Flow	1365	#####	0.647	1365	1	1	1995	22:44	0.647	38.82	35496.81	1.848792	0.647	38.82
Flow	1366	#####	0.646	1366	1	1	1995	22:45	0.646	38.76	35496.75	1.848789	0.646	38.76
Flow	1367	#####	0.646	1367	1	1	1995	22:46	0.646	38.76	35496.75	1.848789	0.646	38.76
Flow	1368	#####	0.645	1368	1	1	1995	22:47	0.645	38.7	35496.69	1.848786	0.645	38.7
Flow	1369	#####	0.645	1369	1	1	1995	22:48	0.645	38.7	35496.69	1.848786	0.645	38.7
Flow	1370	#####	0.644	1370	1	1	1995	22:49	0.644	38.64	35496.63	1.848783	0.644	38.64
Flow	1371	#####	0.644	1371	1	1	1995	22:50	0.644	38.64	35496.63	1.848783	0.644	38.64
Flow	1372	#####	0.643	1372	1	1	1995	22:51	0.643	38.58	35496.57	1.84878	0.643	38.58
Flow	1373	#####	0.643	1373	1	1	1995	22:52	0.643	38.58	35496.57	1.84878	0.643	38.58
Flow	1374	#####	0.642	1374	1	1	1995	22:53	0.642	38.52	35496.51	1.848776	0.642	38.52
Flow	1375	#####	0.642	1375	1	1	1995	22:54	0.642	38.52	35496.51	1.848776	0.642	38.52
Flow	1376	#####	0.641	1376	1	1	1995	22:55	0.641	38.46	35496.45	1.848773	0.641	38.46
Flow	1377	#####	0.641	1377	1	1	1995	22:55	0.641	38.46	35496.45	1.848773	0.641	38.46
Flow	1378	#####	0.64	1378	1	1	1995	22:57	0.64	38.4	35496.39	1.84877	0.64	38.4
Flow	1379	#####	0.64	1379	1	1	1995	22:58	0.64	38.4	35496.39	1.84877	0.64	38.4
Flow	1380	#####	0.639	1380	1	1	1995	22:59	0.639	38.34	35496.33	1.848767	0.639	38.34
Flow	1381	#####	0.638	1381	1	1	1995	23:00	0.638	38.28	35496.27	1.848764	0.638	38.28
Flow	1382	#####	0.638	1382	1	1	1995	23:01	0.638	38.28	35496.27	1.848764	0.638	38.28
Flow	1383	#####	0.637	1383	1	1	1995	23:02	0.637	38.22	35496.21	1.848761	0.637	38.22
Flow	1384	#####	0.637	1384	1	1	1995	23:02	0.637	38.22	35496.21	1.848761	0.637	38.22
Flow	1385	#####	0.636	1385	1	1	1995	23:04	0.636	38.16	35496.15	1.848758	0.636	38.16
Flow	1386	#####	0.636	1386	1	1	1995	23:05	0.636	38.16	35496.15	1.848758	0.636	38.16
Flow	1387	#####	0.635	1387	1	1	1995	23:06	0.635	38.1	35496.09	1.848755	0.635	38.1
Flow	1388	#####	0.635	1388	1	1	1995	23:07	0.635	38.1	35496.09	1.848755	0.635	38.1
Flow	1389	#####	0.634	1389	1	1	1995	23:08	0.634	38.04	35496.03	1.848751	0.634	38.04
Flow	1390	#####	0.634	1390	1	1	1995	23:09	0.634	38.04	35496.03	1.848751	0.634	38.04
Flow	1391	#####	0.633	1391	1	1	1995	23:09	0.633	37.98	35495.97	1.848748	0.633	37.98
Flow	1392	#####	0.633	1392	1	1	1995	23:11	0.633	37.98	35495.97	1.848748	0.633	37.98
Flow	1393	#####	0.632	1393	1	1	1995	23:12	0.632	37.92	35495.91	1.848745	0.632	37.92
Flow	1394	#####	0.631	1394	1	1	1995	23:13	0.631	37.86	35495.85	1.848742	0.631	37.86
Flow	1395	#####	0.631	1395	1	1	1995	23:14	0.631	37.86	35495.85	1.848742	0.631	37.86
Flow	1396	#####	0.63	1396	1	1	1995	23:15	0.63	37.8	35495.79	1.848739	0.63	37.8
Flow	1397	#####	0.63	1397	1	1	1995	23:16	0.63	37.8	35495.79	1.848739	0.63	37.8
Flow	1398	#####	0.629	1398	1	1	1995	23:17	0.629	37.74	35495.73	1.848736	0.629	37.74
Flow	1399	#####	0.629	1399	1	1	1995	23:18	0.629	37.74	35495.73	1.848736	0.629	37.74
Flow	1400	#####	0.628	1400	1	1	1995	23:19	0.628	37.68	35495.67	1.848733	0.628	37.68
Flow	1401	#####	0.628	1401	1	1	1995	23:20	0.628	37.68	35495.67	1.848733	0.628	37.68
Flow	1402	#####	0.627	1402	1	1	1995	23:21	0.627	37.62	35495.61	1.84873	0.627	37.62
Flow	1403	#####	0.627	1403	1	1	1995	23:22	0.627	37.62	35495.61	1.84873	0.627	37.62
Flow	1404	#####	0.626	1404	1	1	1995	23:23	0.626	37.56	35495.55	1.848726	0.626	37.56
Flow	1405	#####	0.626	1405	1	1	1995	23:24	0.626	37.56	35495.55	1.848726	0.626	37.56
Flow	1406	#####	0.625	1406	1	1	1995	23:25	0.625	37.5	35495.49	1.848723	0.625	37.5
Flow	1407	#####	0.625	1407	1	1	1995	23:26	0.625	37.5	35495.49	1.848723	0.625	37.5
Flow	1408	#####	0.624	1408	1	1	1995	23:27	0.624	37.44	35495.43	1.84872	0.624	37.44
Flow	1409	#####	0.624	1409	1	1	1995	23:28	0.624	37.44	35495.43	1.84872	0.624	37.44
Flow	1410	#####	0.623	1410	1	1	1995	23:29	0.623	37.38	35495.37	1.848717	0.623	37.38
Flow	1411	#####	0.623	1411	1	1	1995	23:30	0.623	37.38	35495.37	1.848717	0.623	37.38
Flow	1412	#####	0.622	1412	1	1	1995	23:31	0.622	37.32	35495.31	1.848714	0.622	37.32
Flow	1413	#####	0.622	1413	1	1	1995	23:32	0.622	37.32	35495.31	1.848714	0.622	37.32
Flow	1414	#####	0.621	1414	1	1	1995	23:33	0.621	37.26	35495.25	1.848711	0.621	37.26
Flow	1415	#####	0.621	1415	1	1	1995	23:34	0.621	37.26	35495.25	1.848711	0.621	37.26

Flow	1416	#####	0.621	1416	1	1	1995	23:35	0.621	37.26	35495.25	1.848711	0.621	37.26
Flow	1417	#####	0.62	1417	1	1	1995	23:36	0.62	37.2	35495.19	1.848708	0.62	37.2
Flow	1418	#####	0.62	1418	1	1	1995	23:37	0.62	37.2	35495.19	1.848708	0.62	37.2
Flow	1419	#####	0.619	1419	1	1	1995	23:38	0.619	37.14	35495.13	1.848705	0.619	37.14
Flow	1420	#####	0.619	1420	1	1	1995	23:39	0.619	37.14	35495.13	1.848705	0.619	37.14
Flow	1421	#####	0.619	1421	1	1	1995	23:40	0.619	37.14	35495.13	1.848705	0.619	37.14
Flow	1422	#####	0.618	1422	1	1	1995	23:40	0.618	37.08	35495.07	1.848701	0.618	37.08
Flow	1423	#####	0.617	1423	1	1	1995	23:42	0.617	37.02	35495.01	1.848698	0.617	37.02
Flow	1424	#####	0.617	1424	1	1	1995	23:43	0.617	37.02	35495.01	1.848698	0.617	37.02
Flow	1425	#####	0.617	1425	1	1	1995	23:44	0.617	37.02	35495.01	1.848698	0.617	37.02
Flow	1426	#####	0.617	1426	1	1	1995	23:45	0.617	37.02	35495.01	1.848698	0.617	37.02
Flow	1427	#####	0.616	1427	1	1	1995	23:46	0.616	36.96	35494.95	1.848695	0.616	36.96
Flow	1428	#####	0.616	1428	1	1	1995	23:47	0.616	36.96	35494.95	1.848695	0.616	36.96
Flow	1429	#####	0.616	1429	1	1	1995	23:47	0.616	36.96	35494.95	1.848695	0.616	36.96
Flow	1430	#####	0.615	1430	1	1	1995	23:49	0.615	36.9	35494.89	1.848692	0.615	36.9
Flow	1431	#####	0.615	1431	1	1	1995	23:50	0.615	36.9	35494.89	1.848692	0.615	36.9
Flow	1432	#####	0.614	1432	1	1	1995	23:51	0.614	36.84	35494.83	1.848689	0.614	36.84
Flow	1433	#####	0.614	1433	1	1	1995	23:52	0.614	36.84	35494.83	1.848689	0.614	36.84
Flow	1434	#####	0.614	1434	1	1	1995	23:53	0.614	36.84	35494.83	1.848689	0.614	36.84
Flow	1435	#####	0.613	1435	1	1	1995	23:54	0.613	36.78	35494.77	1.848686	0.613	36.78
Flow	1436	#####	0.613	1436	1	1	1995	23:54	0.613	36.78	35494.77	1.848686	0.613	36.78
Flow	1437	#####	0.612	1437	1	1	1995	23:56	0.612	36.72	35494.71	1.848683	0.612	36.72
Flow	1438	#####	0.612	1438	1	1	1995	23:57	0.612	36.72	35494.71	1.848683	0.612	36.72
Flow	1439	#####	0.611	1439	1	1	1995	23:58	0.611	36.66	35494.65	1.84868	0.611	36.66
Flow	1440	#####	0.611	1440	1	1	1995	23:59	0.611	36.66	35494.65	1.84868		

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Water Quality Volume

$$WQ_v = C \cdot 0.75 \cdot A / 12 \times 120 \text{ percent}$$

$$A_j = 15.3 \text{ acres}$$

$$A_D = 0.4 \text{ acres}$$

$$C = 0.86 \cdot i^3 - 0.78 \cdot i^2 + 0.774 \cdot i + 0.04$$

$$i = \text{impervious ratio}$$

$$i_D = 1 \text{ Driftmeyer}$$

$$i_j = 0.36 \text{ Johlin}$$

$$C_D = 0.894$$

$$C_j = 0.257676$$

$$WQ_{vD} = 0.02235 \text{ ac-ft Driftmeyer}$$

$$WQ_{vJ} = 0.246403 \text{ ac-ft Johlin} \quad 12960 \quad 0.828187 \quad 216$$

$$60$$

$$\text{Johlin} \quad 12960$$

$$\text{forebay} \quad 8 \text{ to } 25\% \text{ of normal pool area} \quad 3' \text{ deep min}$$

$$\text{forebay outlet} \quad 6\text{-}12'' \text{ deep}$$

$$\text{micropool} \quad 10\% \text{ of } WQ_v \quad 4\text{-}6' \text{ deep}$$

johlin forebay			Micropool			total vol provided		total vol required	
volume									
74	56		74	50					
45	27		24	0					
3330	1512	9684	1776	0	3552	0	13236	10733.31	123%
26%			1073.331		33%				

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Summary: Application Appendix A - Stormwater Analysis electronically filed by Teresa Orahod on behalf of Oregon Clean Energy, LLC