

ArevaEPRDCPEm Resource

From: Pederson Ronda M (AREVA NP INC) [Ronda.Pederson@areva.com]
Sent: Friday, May 15, 2009 11:18 AM
To: Getachew Tesfaye
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); BEELMAN Ronald J (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 203, FSAR Ch. 6, Supplement 1
Attachments: RAI 203 Supp 1 Response US EPR DC.pdf

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 4 questions of RAI No. 203 on April 23, 2009. The attached file, "RAI 203 Supp 1 Response US EPR DC.pdf" provides a technically correct and complete response to the one remaining question, as committed.

Appended to this file are .pdf files of the requested data in tabular form which support the response to RAI 203 Question 06.02.01-13.

The following table indicates the respective pages in the response document, "RAI 203 Supp 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 203 — 06.02.01-13	2	3

This concludes the formal AREVA NP response to RAI 203, and there are no questions from this RAI for which AREVA NP has not provided responses.

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Pederson Ronda M (AREVA NP INC)

Sent: Thursday, April 23, 2009 3:06 PM

To: 'Getachew Tesfaye'

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); BEELMAN Ronald J (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 203, FSAR Ch. 6

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 203 Response US EPR DC.pdf," provides technically correct and complete responses to 3 of the 4 questions.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to RAI 203 Questions 06.01.02-7, 06.01.02-8 and 06.01.02.9.

The following table indicates the respective pages in the response document, "RAI 203 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 203 — 06.01.02-7	2	4
RAI 203 — 06.01.02-8	5	5
RAI 203 — 06.01.02-9	6	7
RAI 203 — 06.02.01-13	8	8

A complete answer is not provided for 1 of the 4 questions. The schedule for a technically correct and complete response to this question is provided below.

Question #	Response Date
RAI 203 — 06.02.01-13	May 15, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Getachew Tesfaye [mailto:Getachew.Tesfaye@nrc.gov]

Sent: Wednesday, March 25, 2009 2:39 PM

To: ZZ-DL-A-USEPR-DL

Cc: Jeffrey Poehler; David Terao; Walton Jensen; Christopher Jackson; Michael Miernicki; Joseph Colaccino; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 203 (2253_2276),FSAR Ch. 6

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on March 12, 2009, and discussed with your staff on March 25, 2009. RAI Questions 06.02.01-13 was modified as a result of that discussion. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

Thanks,
Getachew Tesfaye
Sr. Project Manager

NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 481

Mail Envelope Properties (5CEC4184E98FFE49A383961FAD402D31EA3526)

Subject: Response to U.S. EPR Design Certification Application RAI No. 203, FSAR Ch. 6, Supplement 1
Sent Date: 5/15/2009 11:17:53 AM
Received Date: 5/15/2009 11:17:57 AM
From: Pederson Ronda M (AREVA NP INC)

Created By: Ronda.Pederson@areva.com

Recipients:

"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@areva.com>

Tracking Status: None

"DELANO Karen V (AREVA NP INC)" <Karen.Delano@areva.com>

Tracking Status: None

"BEELMAN Ronald J (AREVA NP INC)" <Ronald.Beelman@areva.com>

Tracking Status: None

"Getachew Tesfaye" <Getachew.Tesfaye@nrc.gov>

Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	3986	5/15/2009 11:17:57 AM
RAI 203 Supp 1 Response US EPR DC.pdf		214698

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

Response to

Request for Additional Information No. 203 (2253, 2276), Supplement 1

3/25/2009

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 06.01.02 - Protective Coating Systems (Paints) - Organic Materials

SRP Section: 06.02.01 - Containment Functional Design

Application FSAR Ch.: 6

QUESTIONS for Component Integrity, Performance, and Testing Branch 1

(AP1000/EPR Projects) (CIB1)

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects)

(SPCV)

Question 06.02.01-13:

As discussed in our public meeting of February 26, 2009, the staff is performing audit calculations using the TRACE computer code to evaluate reactor vessel mixing following hot leg injection and using the MELCOR computer code to evaluate containment temperature and pressure. The following information is needed so that the staff can perform this work. We believe that this information will be readily available based on the work you have already done in developing Containment Technical Report ANP-10299P.

For the postulated double ended pump suction break analyzed with the new evaluation model of ANP-10299P, provide the following information in electronic tabular form.

1. Flow rate and temperature of the MHSI as a function of time into each cold leg.
2. Flow rate and temperature of the LHSI as a function of time into each cold leg and into each hot leg after hot leg injection begins. For our realistic TRACE analysis we request the actual temperature exiting the RHR heat exchangers (for design basis two pump operation).
3. Steam flow rate and enthalpy leaving each side of the break and liquid flow rate and enthalpy leaving each side of the break.
4. Figures 9-8 through 9-10 of ANP-10299P provide the containment atmospheric pressure and temperature and IRWST temperature as a function of time. Provide this information in electronic tabular form.

Response to Question 06.02.01-13:

The requested information is in electronic tabular form in the attached spreadsheet* (filename "RAI 203 Supplement 1.xls").

1. See the spreadsheet tab labeled "MHSI." For the first 1200 seconds, the medium head safety injection (MHSI) temperature is modeled as 122°F, which is the maximum allowable initial temperature of the in-containment refueling water storage tank (IRWST). The MHSI system is not connected to the residual heat removal system (RHRS) heat exchanger. Maintaining the initial temperature for this duration is consistent with the suction line being located near the bottom of the IRWST. At 1200 seconds the transition from RELAP to GOTHIC causes a discontinuity in the temperature profile as GOTHIC applies the volume average temperature of the IRWST as the MHSI temperature.
2. See the spreadsheet tab labeled "LHSI." For the first 1200 seconds, the low head safety injection (LHSI) temperature is modeled as 122°F, which is the maximum allowable initial temperature of the IRWST. Maintaining the initial temperature for this duration is consistent with the suction being located near the bottom of the IRWST. At 1200 seconds a transition from the RELAP computer code to GOTHIC causes a discontinuity

* In the electronic version of this RAI response the data in each tab of the spreadsheet is attached as a separate pdf. In the mailed version of this RAI response there is one Excel file on an enclosed CD.

in the temperature profile as GOTHIC applies the volume average temperature of the IRWST as the inlet temperature to the RHR heat exchanger.

3. See the spreadsheet tab labeled "Break." After 1200 seconds the steam flow is assumed to be discharged from the steam generator side, and the liquid is assumed to be discharged from the reactor vessel side.
4. See the spreadsheet tab labeled "P&T."

FSAR Impact:

The U.S. EPR FSAR will not be changed as a result of this question.

Time (s)	MHSI Flow (lbm/s)	MHSI Temperature (F)
0.00	0.00	122.00
0.00	0.00	122.00
0.13	0.00	122.00
0.25	0.00	122.00
0.38	0.00	122.00
0.50	0.00	122.00
0.63	0.00	122.00
0.75	0.00	122.00
0.88	0.00	122.00
1.00	0.00	122.00
1.13	0.00	122.00
1.25	0.00	122.00
1.38	0.00	122.00
1.50	0.00	122.00
1.63	0.00	122.00
1.75	0.00	122.00
1.88	0.00	122.00
2.00	0.00	122.00
2.13	0.00	122.00
2.25	0.00	122.00
2.38	0.00	122.00
2.50	0.00	122.00
2.63	0.00	122.00
2.75	0.00	122.00
2.88	0.00	122.00
3.00	0.00	122.00
3.13	0.00	122.00
3.25	0.00	122.00
3.38	0.00	122.00
3.50	0.00	122.00
3.63	0.00	122.00
3.75	0.00	122.00
3.88	0.00	122.00
4.00	0.00	122.00
4.13	0.00	122.00
4.25	0.00	122.00
4.38	0.00	122.00
4.50	0.00	122.00
4.63	0.00	122.00
4.75	0.00	122.00
4.88	0.00	122.00
5.00	0.00	122.00
5.13	0.00	122.00
5.25	0.00	122.00
5.38	0.00	122.00
5.50	0.00	122.00
5.63	0.00	122.00
5.75	0.00	122.00
5.88	0.00	122.00
6.00	0.00	122.00

6.13	0.00	122.00
6.25	0.00	122.00
6.38	0.00	122.00
6.50	0.00	122.00
6.63	0.00	122.00
6.75	0.00	122.00
6.88	0.00	122.00
7.00	0.00	122.00
7.13	0.00	122.00
7.25	0.00	122.00
7.38	0.00	122.00
7.50	0.00	122.00
7.63	0.00	122.00
7.75	0.00	122.00
7.88	0.00	122.00
8.00	0.00	122.00
8.13	0.00	122.00
8.25	0.00	122.00
8.38	0.00	122.00
8.50	0.00	122.00
8.63	0.00	122.00
8.75	0.00	122.00
8.88	0.00	122.00
9.00	0.00	122.00
9.13	0.00	122.00
9.25	0.00	122.00
9.38	0.00	122.00
9.50	0.00	122.00
9.63	0.00	122.00
9.75	0.00	122.00
9.88	0.00	122.00
10.00	0.00	122.00
10.13	0.00	122.00
10.25	0.00	122.00
10.38	0.00	122.00
10.50	0.00	122.00
10.63	0.00	122.00
10.75	0.00	122.00
10.88	0.00	122.00
11.00	0.00	122.00
11.13	0.00	122.00
11.25	0.00	122.00
11.38	0.00	122.00
11.50	0.00	122.00
11.63	0.00	122.00
11.75	0.00	122.00
11.88	0.00	122.00
12.00	0.00	122.00
12.13	0.00	122.00
12.25	0.00	122.00
12.38	0.00	122.00
12.50	0.00	122.00

12.63	0.00	122.00
12.75	0.00	122.00
12.88	0.00	122.00
13.00	0.00	122.00
13.13	0.00	122.00
13.25	0.00	122.00
13.38	0.00	122.00
13.50	0.00	122.00
13.63	0.00	122.00
13.75	0.00	122.00
13.88	0.00	122.00
14.00	0.00	122.00
14.13	0.00	122.00
14.25	0.00	122.00
14.38	0.00	122.00
14.50	0.00	122.00
14.63	0.00	122.00
14.75	0.00	122.00
14.88	0.00	122.00
15.00	0.00	122.00
15.25	0.00	122.00
15.75	0.00	122.00
16.25	0.00	122.00
16.75	0.00	122.00
17.25	0.00	122.00
17.75	0.00	122.00
18.25	0.00	122.00
18.75	0.00	122.00
19.25	0.00	122.00
19.38	0.00	122.00
19.50	0.00	122.00
21.50	0.00	122.00
22.75	0.00	122.00
24.00	0.00	122.00
25.25	0.00	122.00
26.50	0.00	122.00
27.75	0.00	122.00
28.38	0.00	122.00
29.00	0.00	122.00
29.63	0.00	122.00
35.00	115.00	122.00
47.50	125.50	122.00
60.00	123.50	122.00
72.50	124.50	122.00
85.00	124.00	122.00
97.50	124.50	122.00
110.00	124.50	122.00
122.50	124.50	122.00
135.00	125.00	122.00
147.50	125.00	122.00
170.00	124.50	122.00
195.00	124.50	122.00

220.00	124.50	122.00
245.00	124.50	122.00
270.00	125.00	122.00
295.00	124.50	122.00
320.00	125.00	122.00
345.00	125.00	122.00
370.00	125.00	122.00
395.00	125.00	122.00
420.00	125.00	122.00
445.00	125.00	122.00
470.00	125.00	122.00
495.00	125.50	122.00
520.00	125.50	122.00
545.00	125.50	122.00
570.00	125.50	122.00
595.00	125.50	122.00
620.00	125.50	122.00
645.00	125.50	122.00
670.00	125.50	122.00
695.00	125.50	122.00
720.00	125.50	122.00
745.00	125.50	122.00
770.00	125.50	122.00
795.00	125.50	122.00
820.00	125.50	122.00
845.00	125.50	122.00
870.00	125.50	122.00
895.00	125.50	122.00
940.00	125.50	122.00
990.00	125.50	122.00
1040.00	125.50	122.00
1090.00	125.50	122.00
1140.00	125.50	122.00
1187.00	125.50	122.00
1200.00	125.50	122.00
1200.13	122.77	176.27
1201.14	122.77	176.27
1221.22	122.76	176.39
1241.22	122.76	176.52
1261.22	122.75	176.65
1281.22	122.74	176.77
1301.22	122.74	176.90
1321.22	122.73	177.02
1341.22	122.73	177.14
1361.22	122.72	177.26
1381.22	122.72	177.38
1401.22	122.71	177.50
1421.22	122.71	177.62
1441.22	122.70	177.74
1461.22	122.70	177.85
1481.22	122.69	177.97
1501.22	122.69	178.08

1521.22	122.68	178.20
1541.22	122.68	178.32
1561.22	122.67	178.43
1581.22	122.67	178.54
1601.22	122.66	178.66
1621.22	122.66	178.77
1641.22	122.65	178.88
1661.22	122.65	178.99
1681.22	122.64	179.11
1701.22	122.64	179.22
1721.22	122.63	179.33
1741.22	122.63	179.44
1761.22	122.62	179.55
1781.22	122.62	179.66
1801.22	122.61	179.76
1821.22	122.61	179.87
1841.22	122.60	179.98
1861.22	122.60	180.09
1881.22	122.59	180.19
1901.22	122.59	180.30
1921.22	122.58	180.41
1941.22	122.58	180.51
1961.22	122.57	180.62
1981.22	122.57	180.72
2001.22	122.57	180.83
2021.22	122.56	180.93
2041.22	122.56	181.03
2061.22	122.55	181.13
2081.22	122.55	181.24
2101.22	122.54	181.34
2121.22	122.54	181.44
2141.22	122.53	181.54
2161.22	122.53	181.64
2181.22	122.52	181.74
2201.22	122.52	181.84
2221.22	122.51	181.94
2241.22	122.51	182.04
2261.22	122.51	182.14
2281.22	122.50	182.24
2301.22	122.50	182.34
2321.22	122.49	182.44
2341.22	122.49	182.54
2361.22	122.48	182.63
2381.22	122.48	182.73
2401.22	122.47	182.83
2421.22	122.47	182.92
2441.22	122.47	183.02
2461.22	122.46	183.11
2481.22	122.46	183.21
2501.22	122.45	183.30
2521.22	122.45	183.40
2541.22	122.44	183.49

2561.22	122.44	183.59
2581.22	122.44	183.68
2601.22	122.43	183.78
2621.22	122.43	183.87
2641.22	122.42	183.96
2661.22	122.42	184.05
2681.22	122.41	184.15
2701.22	122.41	184.24
2721.22	122.41	184.33
2741.22	122.40	184.42
2761.22	122.40	184.51
2781.22	122.39	184.60
2801.22	122.39	184.69
2821.22	122.39	184.78
2841.22	122.38	184.87
2861.22	122.38	184.96
2881.22	122.37	185.05
2901.22	122.37	185.14
2921.22	122.37	185.23
2941.22	122.36	185.32
2961.22	122.36	185.41
2981.22	122.35	185.49
3001.22	122.35	185.58
3021.22	122.35	185.67
3041.22	122.34	185.76
3061.22	122.34	185.84
3081.22	122.33	185.93
3101.22	122.33	186.02
3121.22	122.33	186.10
3141.22	122.32	186.19
3161.22	122.32	186.27
3181.22	122.31	186.36
3201.22	122.31	186.44
3221.22	122.31	186.53
3241.22	122.30	186.61
3261.22	122.30	186.70
3281.22	122.29	186.78
3301.22	122.29	186.86
3321.22	122.29	186.95
3341.22	122.28	187.03
3361.22	122.28	187.11
3381.22	122.28	187.19
3401.22	122.27	187.28
3421.22	122.27	187.36
3441.22	122.26	187.44
3461.22	122.26	187.52
3481.22	122.26	187.60
3501.22	122.25	187.69
3521.22	122.25	187.77
3541.22	122.25	187.85
3561.22	122.24	187.93
3581.22	122.24	188.01

3601.22	122.23	188.09
3621.22	122.23	188.17
3641.22	122.23	188.25
3661.22	122.22	188.33
3681.22	122.22	188.40
3701.22	122.22	188.48
3721.22	122.21	188.56
3741.22	122.21	188.64
3761.22	122.20	188.72
3781.22	122.20	188.80
3801.22	122.20	188.87
3821.22	122.19	188.95
3841.22	122.19	189.03
3861.22	122.19	189.11
3881.22	122.18	189.18
3901.22	122.18	189.26
3921.22	122.18	189.33
3941.22	122.17	189.41
3961.22	122.17	189.49
3981.22	122.17	189.56
4001.22	122.16	189.64
4021.22	122.16	189.71
4041.22	122.16	189.79
4061.22	122.15	189.86
4081.22	122.15	189.94
4101.22	122.15	190.01
4121.22	122.14	190.09
4141.22	122.14	190.16
4161.22	122.13	190.23
4181.22	122.13	190.31
4201.22	122.13	190.38
4221.22	122.12	190.45
4241.22	122.12	190.53
4261.22	122.12	190.60
4281.22	122.11	190.67
4301.22	122.11	190.74
4321.22	122.11	190.81
4341.22	122.10	190.89
4361.22	122.10	190.96
4381.22	122.10	191.03
4401.22	122.09	191.10
4421.22	122.09	191.17
4441.22	122.09	191.24
4461.22	122.08	191.31
4481.22	122.08	191.38
4501.22	122.08	191.45
4521.22	122.07	191.52
4541.22	122.07	191.59
4561.22	122.07	191.66
4581.22	122.06	191.73
4601.22	122.06	191.80
4621.22	122.06	191.87

4641.22	122.05	191.94
4661.22	122.05	192.01
4681.22	122.05	192.08
4701.22	122.05	192.15
4721.22	122.04	192.21
4741.22	122.04	192.28
4761.22	122.04	192.35
4781.22	122.03	192.42
4801.22	122.03	192.48
4821.22	122.03	192.55
4841.22	122.02	192.62
4861.22	122.02	192.68
4881.22	122.02	192.75
4901.22	122.01	192.82
4921.22	122.01	192.88
4941.22	122.01	192.95
4961.22	122.00	193.02
4981.22	122.00	193.08
5001.22	122.00	193.15
5021.22	121.99	193.21
5041.22	121.99	193.28
5061.22	121.99	193.34
5081.22	121.99	193.41
5101.22	121.98	193.47
5121.22	121.98	193.54
5141.22	121.98	193.60
5161.22	121.97	193.66
5181.22	121.97	193.73
5201.22	121.97	193.79
5221.22	121.96	193.86
5241.22	121.96	193.92
5261.22	121.96	193.98
5281.22	121.96	194.05
5301.22	121.95	194.11
5321.22	121.95	194.17
5341.22	121.95	194.23
5361.22	121.94	194.30
5381.22	121.94	194.36
5400.02	126.16	194.42
5401.02	126.16	194.43
5501.12	126.16	195.60
5601.12	126.16	196.79
5701.12	126.16	197.95
5801.12	126.16	199.09
5901.12	126.16	200.21
6001.12	126.16	201.31
6101.12	126.16	202.39
6201.12	126.16	203.45
6301.12	126.16	204.49
6401.12	126.16	205.51
6501.12	126.16	206.51
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64801.10	126.16	181.19
64901.10	126.16	181.17
65001.10	126.16	181.15
65101.10	126.16	181.13
65201.10	126.16	181.11
65301.10	126.16	181.10
65401.10	126.16	181.08
65501.10	126.16	181.06
65601.10	126.16	181.04
65701.10	126.16	181.03
65801.10	126.16	181.01
65901.10	126.16	180.99
66001.10	126.16	180.97
66101.10	126.16	180.96
66201.10	126.16	180.94
66301.10	126.16	180.92
66401.10	126.16	180.90
66501.10	126.16	180.89
66601.10	126.16	180.87
66701.10	126.16	180.85
66801.10	126.16	180.84
66901.10	126.16	180.82
67001.10	126.16	180.80
67101.10	126.16	180.79
67201.10	126.16	180.77
67301.10	126.16	180.75
67401.10	126.16	180.74
67501.10	126.16	180.72
67601.10	126.16	180.70
67701.10	126.16	180.69
67801.10	126.16	180.67
67901.10	126.16	180.65
68001.10	126.16	180.64
68101.10	126.16	180.62
68201.10	126.16	180.60
68301.10	126.16	180.59
68401.10	126.16	180.57
68501.10	126.16	180.56
68601.10	126.16	180.54
68701.10	126.16	180.52
68801.10	126.16	180.51
68901.10	126.16	180.49
69001.10	126.16	180.48

69101.10	126.16	180.46
69201.10	126.16	180.45
69301.10	126.16	180.43
69401.10	126.16	180.41
69501.10	126.16	180.40
69601.10	126.16	180.38
69701.10	126.16	180.37
69801.10	126.16	180.35
69901.10	126.16	180.34
70001.10	126.16	180.32
70101.10	126.16	180.31
70201.10	126.16	180.29
70301.10	126.16	180.28
70401.10	126.16	180.26
70501.10	126.16	180.25
70601.10	126.16	180.23
70701.10	126.16	180.22
70801.10	126.16	180.20
70901.10	126.16	180.19
71001.10	126.16	180.17
71101.10	126.16	180.16
71201.10	126.16	180.14
71301.10	126.16	180.13
71401.10	126.16	180.11
71501.10	126.16	180.10
71601.10	126.16	180.08
71701.10	126.16	180.07
71801.10	126.16	180.05
71901.10	126.16	180.04
72001.10	126.16	180.02
72101.10	126.16	180.01
72201.10	126.16	179.99
72301.10	126.16	179.98
72401.10	126.16	179.97
72501.10	126.16	179.95
72601.10	126.16	179.94
72701.10	126.16	179.92
72801.10	126.16	179.91
72901.10	126.16	179.90
73001.10	126.16	179.88
73101.10	126.16	179.87
73201.10	126.16	179.85
73301.10	126.16	179.84
73401.10	126.16	179.83
73501.10	126.16	179.81
73601.10	126.16	179.80
73701.10	126.16	179.78
73801.10	126.16	179.77
73901.10	126.16	179.76
74001.10	126.16	179.74
74101.10	126.16	179.73
74201.10	126.16	179.72

74301.10	126.16	179.70
74401.10	126.16	179.69
74501.10	126.16	179.67
74601.10	126.16	179.66
74701.10	126.16	179.65
74801.10	126.16	179.63
74901.10	126.16	179.62
75001.10	126.16	179.61
75101.10	126.16	179.59
75201.10	126.16	179.58
75301.10	126.16	179.57
75401.10	126.16	179.56
75501.10	126.16	179.54
75601.10	126.16	179.53
75701.10	126.16	179.52
75801.10	126.16	179.50
75901.10	126.16	179.49
76001.10	126.16	179.48
76101.10	126.16	179.46
76201.10	126.16	179.45
76301.10	126.16	179.44
76401.10	126.16	179.43
76501.10	126.16	179.41
76601.10	126.16	179.40
76701.10	126.16	179.39
76801.10	126.16	179.38
76901.10	126.16	179.36
77001.10	126.16	179.35
77101.10	126.16	179.34
77201.10	126.16	179.33
77301.10	126.16	179.31
77401.10	126.16	179.30
77501.10	126.16	179.29
77601.10	126.16	179.28
77701.10	126.16	179.26
77801.10	126.16	179.25
77901.10	126.16	179.24
78001.10	126.16	179.23
78101.10	126.16	179.21
78201.10	126.16	179.20
78301.10	126.16	179.19
78401.10	126.16	179.18
78501.10	126.16	179.17
78601.10	126.16	179.15
78701.10	126.16	179.14
78801.10	126.16	179.13
78901.10	126.16	179.12
79001.10	126.16	179.11
79101.10	126.16	179.09
79201.10	126.16	179.08
79301.10	126.16	179.07
79401.10	126.16	179.06

79501.10	126.16	179.05
79601.10	126.16	179.04
79701.10	126.16	179.02
79801.10	126.16	179.01
79901.10	126.16	179.00
80001.10	126.16	178.99
80101.10	126.16	178.98
80201.10	126.16	178.97
80301.10	126.16	178.95
80401.10	126.16	178.94
80501.10	126.16	178.93
80601.10	126.16	178.92
80701.10	126.16	178.91
80801.10	126.16	178.90
80901.10	126.16	178.89
81001.10	126.16	178.87
81101.10	126.16	178.86
81201.10	126.16	178.85
81301.10	126.16	178.84
81401.10	126.16	178.83
81501.10	126.16	178.82
81601.10	126.16	178.81
81701.10	126.16	178.80
81801.10	126.16	178.78
81901.10	126.16	178.77
82001.10	126.16	178.76
82101.10	126.16	178.75
82201.10	126.16	178.74
82301.10	126.16	178.73
82401.10	126.16	178.72
82501.10	126.16	178.71
82601.10	126.16	178.70
82701.10	126.16	178.69
82801.10	126.16	178.67
82901.10	126.16	178.66
83001.10	126.16	178.65
83101.10	126.16	178.64
83201.10	126.16	178.63
83301.10	126.16	178.62
83401.10	126.16	178.61
83501.10	126.16	178.60
83601.10	126.16	178.59
83701.10	126.16	178.58
83801.10	126.16	178.57
83901.10	126.16	178.56
84001.10	126.16	178.55
84101.10	126.16	178.54
84201.10	126.16	178.53
84301.10	126.16	178.51
84401.10	126.16	178.50
84501.10	126.16	178.49
84601.10	126.16	178.48

84701.10	126.16	178.47
84801.10	126.16	178.46
84901.10	126.16	178.45
85001.10	126.16	178.44
85101.10	126.16	178.43
85201.10	126.16	178.42
85301.10	126.16	178.41
85401.10	126.16	178.40
85501.10	126.16	178.39
85601.10	126.16	178.38
85701.10	126.16	178.37
85801.10	126.16	178.36
85901.10	126.16	178.35
86001.10	126.16	178.34
86101.10	126.16	178.33
86201.10	126.16	178.32
86301.10	126.16	178.31
86400.00	126.16	178.30

Time (s)	LHSI to CL (lbm/s)	LHSI to HL (lbm/s)	LHSI Temperature (F)
0.00	0.00	0.00	122.00
0.00	0.00	0.00	122.00
0.13	0.00	0.00	122.00
0.25	0.00	0.00	122.00
0.38	0.00	0.00	122.00
0.50	0.00	0.00	122.00
0.63	0.00	0.00	122.00
0.75	0.00	0.00	122.00
0.88	0.00	0.00	122.00
1.00	0.00	0.00	122.00
1.13	0.00	0.00	122.00
1.25	0.00	0.00	122.00
1.38	0.00	0.00	122.00
1.50	0.00	0.00	122.00
1.63	0.00	0.00	122.00
1.75	0.00	0.00	122.00
1.88	0.00	0.00	122.00
2.00	0.00	0.00	122.00
2.13	0.00	0.00	122.00
2.25	0.00	0.00	122.00
2.38	0.00	0.00	122.00
2.50	0.00	0.00	122.00
2.63	0.00	0.00	122.00
2.75	0.00	0.00	122.00
2.88	0.00	0.00	122.00
3.00	0.00	0.00	122.00
3.13	0.00	0.00	122.00
3.25	0.00	0.00	122.00
3.38	0.00	0.00	122.00
3.50	0.00	0.00	122.00
3.63	0.00	0.00	122.00
3.75	0.00	0.00	122.00
3.88	0.00	0.00	122.00
4.00	0.00	0.00	122.00
4.13	0.00	0.00	122.00
4.25	0.00	0.00	122.00
4.38	0.00	0.00	122.00
4.50	0.00	0.00	122.00
4.63	0.00	0.00	122.00
4.75	0.00	0.00	122.00
4.88	0.00	0.00	122.00
5.00	0.00	0.00	122.00
5.13	0.00	0.00	122.00
5.25	0.00	0.00	122.00
5.38	0.00	0.00	122.00
5.50	0.00	0.00	122.00
5.63	0.00	0.00	122.00
5.75	0.00	0.00	122.00
5.88	0.00	0.00	122.00
6.00	0.00	0.00	122.00

6.13	0.00	0.00	122.00
6.25	0.00	0.00	122.00
6.38	0.00	0.00	122.00
6.50	0.00	0.00	122.00
6.63	0.00	0.00	122.00
6.75	0.00	0.00	122.00
6.88	0.00	0.00	122.00
7.00	0.00	0.00	122.00
7.13	0.00	0.00	122.00
7.25	0.00	0.00	122.00
7.38	0.00	0.00	122.00
7.50	0.00	0.00	122.00
7.63	0.00	0.00	122.00
7.75	0.00	0.00	122.00
7.88	0.00	0.00	122.00
8.00	0.00	0.00	122.00
8.13	0.00	0.00	122.00
8.25	0.00	0.00	122.00
8.38	0.00	0.00	122.00
8.50	0.00	0.00	122.00
8.63	0.00	0.00	122.00
8.75	0.00	0.00	122.00
8.88	0.00	0.00	122.00
9.00	0.00	0.00	122.00
9.13	0.00	0.00	122.00
9.25	0.00	0.00	122.00
9.38	0.00	0.00	122.00
9.50	0.00	0.00	122.00
9.63	0.00	0.00	122.00
9.75	0.00	0.00	122.00
9.88	0.00	0.00	122.00
10.00	0.00	0.00	122.00
10.13	0.00	0.00	122.00
10.25	0.00	0.00	122.00
10.38	0.00	0.00	122.00
10.50	0.00	0.00	122.00
10.63	0.00	0.00	122.00
10.75	0.00	0.00	122.00
10.88	0.00	0.00	122.00
11.00	0.00	0.00	122.00
11.13	0.00	0.00	122.00
11.25	0.00	0.00	122.00
11.38	0.00	0.00	122.00
11.50	0.00	0.00	122.00
11.63	0.00	0.00	122.00
11.75	0.00	0.00	122.00
11.88	0.00	0.00	122.00
12.00	0.00	0.00	122.00
12.13	0.00	0.00	122.00
12.25	0.00	0.00	122.00
12.38	0.00	0.00	122.00

12.50	0.00	0.00	122.00
12.63	0.00	0.00	122.00
12.75	0.00	0.00	122.00
12.88	0.00	0.00	122.00
13.00	0.00	0.00	122.00
13.13	0.00	0.00	122.00
13.25	0.00	0.00	122.00
13.38	0.00	0.00	122.00
13.50	0.00	0.00	122.00
13.63	0.00	0.00	122.00
13.75	0.00	0.00	122.00
13.88	0.00	0.00	122.00
14.00	0.00	0.00	122.00
14.13	0.00	0.00	122.00
14.25	0.00	0.00	122.00
14.38	0.00	0.00	122.00
14.50	0.00	0.00	122.00
14.63	0.00	0.00	122.00
14.75	0.00	0.00	122.00
14.88	0.00	0.00	122.00
15.00	0.00	0.00	122.00
15.25	0.00	0.00	122.00
15.75	0.00	0.00	122.00
16.25	0.00	0.00	122.00
16.75	0.00	0.00	122.00
17.25	0.00	0.00	122.00
17.75	0.00	0.00	122.00
18.25	0.00	0.00	122.00
18.75	0.00	0.00	122.00
19.25	0.00	0.00	122.00
19.38	0.00	0.00	122.00
19.50	0.00	0.00	122.00
21.50	0.00	0.00	122.00
22.75	0.00	0.00	122.00
24.00	0.00	0.00	122.00
25.25	0.00	0.00	122.00
26.50	0.00	0.00	122.00
27.75	0.00	0.00	122.00
28.38	0.00	0.00	122.00
29.00	0.00	0.00	122.00
29.63	0.00	0.00	122.00
35.00	221.00	0.00	122.00
47.50	271.50	0.00	122.00
60.00	253.50	0.00	122.00
72.50	263.00	0.00	122.00
85.00	260.50	0.00	122.00
97.50	261.50	0.00	122.00
110.00	262.00	0.00	122.00
122.50	263.50	0.00	122.00
135.00	265.00	0.00	122.00
147.50	265.50	0.00	122.00

170.00	263.00	0.00	122.00
195.00	263.00	0.00	122.00
220.00	263.00	0.00	122.00
245.00	263.50	0.00	122.00
270.00	265.00	0.00	122.00
295.00	264.00	0.00	122.00
320.00	265.00	0.00	122.00
345.00	267.00	0.00	122.00
370.00	267.50	0.00	122.00
395.00	267.00	0.00	122.00
420.00	268.00	0.00	122.00
445.00	267.50	0.00	122.00
470.00	268.50	0.00	122.00
495.00	269.50	0.00	122.00
520.00	269.00	0.00	122.00
545.00	269.00	0.00	122.00
570.00	269.50	0.00	122.00
595.00	270.00	0.00	122.00
620.00	270.00	0.00	122.00
645.00	269.50	0.00	122.00
670.00	269.50	0.00	122.00
695.00	270.00	0.00	122.00
720.00	271.00	0.00	122.00
745.00	271.00	0.00	122.00
770.00	271.00	0.00	122.00
795.00	270.50	0.00	122.00
820.00	270.00	0.00	122.00
845.00	270.50	0.00	122.00
870.00	271.00	0.00	122.00
895.00	271.50	0.00	122.00
940.00	271.00	0.00	122.00
990.00	270.50	0.00	122.00
1040.00	271.00	0.00	122.00
1090.00	270.50	0.00	122.00
1140.00	271.00	0.00	122.00
1187.00	271.00	0.00	122.00
1200.00	271.00	0.00	122.00
1200.13	262.95	0.00	122.29
1201.14	262.90	0.00	123.04
1221.22	262.46	0.00	129.35
1241.22	262.40	0.00	130.30
1261.22	262.39	0.00	130.46
1281.22	262.38	0.00	130.51
1301.22	262.38	0.00	130.55
1321.22	262.38	0.00	130.58
1341.22	262.37	0.00	130.62
1361.22	262.37	0.00	130.65
1381.22	262.37	0.00	130.68
1401.22	262.37	0.00	130.71
1421.22	262.37	0.00	130.74
1441.22	262.36	0.00	130.77

1461.22	262.36	0.00	130.81
1481.22	262.36	0.00	130.84
1501.22	262.36	0.00	130.87
1521.22	262.36	0.00	130.90
1541.22	262.35	0.00	130.93
1561.22	262.35	0.00	130.96
1581.22	262.35	0.00	130.99
1601.22	262.35	0.00	131.02
1621.22	262.34	0.00	131.05
1641.22	262.34	0.00	131.08
1661.22	262.34	0.00	131.11
1681.22	262.34	0.00	131.14
1701.22	262.34	0.00	131.17
1721.22	262.33	0.00	131.20
1741.22	262.33	0.00	131.23
1761.22	262.33	0.00	131.26
1781.22	262.33	0.00	131.28
1801.22	262.33	0.00	131.31
1821.22	262.32	0.00	131.34
1841.22	262.32	0.00	131.37
1861.22	262.32	0.00	131.40
1881.22	262.32	0.00	131.43
1901.22	262.32	0.00	131.46
1921.22	262.31	0.00	131.48
1941.22	262.31	0.00	131.51
1961.22	262.31	0.00	131.54
1981.22	262.31	0.00	131.57
2001.22	262.31	0.00	131.59
2021.22	262.30	0.00	131.62
2041.22	262.30	0.00	131.65
2061.22	262.30	0.00	131.68
2081.22	262.30	0.00	131.70
2101.22	262.30	0.00	131.73
2121.22	262.30	0.00	131.76
2141.22	262.29	0.00	131.79
2161.22	262.29	0.00	131.81
2181.22	262.29	0.00	131.84
2201.22	262.29	0.00	131.87
2221.22	262.29	0.00	131.89
2241.22	262.28	0.00	131.92
2261.22	262.28	0.00	131.94
2281.22	262.28	0.00	131.97
2301.22	262.28	0.00	132.00
2321.22	262.28	0.00	132.02
2341.22	262.28	0.00	132.05
2361.22	262.27	0.00	132.07
2381.22	262.27	0.00	132.10
2401.22	262.27	0.00	132.13
2421.22	262.27	0.00	132.15
2441.22	262.27	0.00	132.18
2461.22	262.26	0.00	132.20

2481.22	262.26	0.00	132.23
2501.22	262.26	0.00	132.25
2521.22	262.26	0.00	132.28
2541.22	262.26	0.00	132.30
2561.22	262.26	0.00	132.33
2581.22	262.25	0.00	132.35
2601.22	262.25	0.00	132.38
2621.22	262.25	0.00	132.40
2641.22	262.25	0.00	132.43
2661.22	262.25	0.00	132.45
2681.22	262.24	0.00	132.48
2701.22	262.24	0.00	132.50
2721.22	262.24	0.00	132.52
2741.22	262.24	0.00	132.55
2761.22	262.24	0.00	132.57
2781.22	262.24	0.00	132.60
2801.22	262.23	0.00	132.62
2821.22	262.23	0.00	132.64
2841.22	262.23	0.00	132.67
2861.22	262.23	0.00	132.69
2881.22	262.23	0.00	132.72
2901.22	262.23	0.00	132.74
2921.22	262.22	0.00	132.76
2941.22	262.22	0.00	132.79
2961.22	262.22	0.00	132.81
2981.22	262.22	0.00	132.83
3001.22	262.22	0.00	132.86
3021.22	262.22	0.00	132.88
3041.22	262.21	0.00	132.90
3061.22	262.21	0.00	132.93
3081.22	262.21	0.00	132.95
3101.22	262.21	0.00	132.97
3121.22	262.21	0.00	132.99
3141.22	262.21	0.00	133.02
3161.22	262.21	0.00	133.04
3181.22	262.20	0.00	133.06
3201.22	262.20	0.00	133.08
3221.22	262.20	0.00	133.11
3241.22	262.20	0.00	133.13
3261.22	262.20	0.00	133.15
3281.22	262.20	0.00	133.17
3301.22	262.19	0.00	133.20
3321.22	262.19	0.00	133.22
3341.22	262.19	0.00	133.24
3361.22	262.19	0.00	133.26
3381.22	262.19	0.00	133.28
3401.22	262.19	0.00	133.31
3421.22	262.18	0.00	133.33
3441.22	262.18	0.00	133.35
3461.22	262.18	0.00	133.37
3481.22	262.18	0.00	133.39

3501.22	262.18	0.00	133.41
3521.22	262.18	0.00	133.44
3541.22	262.18	0.00	133.46
3561.22	262.17	0.00	133.48
3581.22	262.17	0.00	133.50
3601.22	262.17	0.00	133.52
3621.22	262.17	0.00	133.54
3641.22	262.17	0.00	133.56
3661.22	262.17	0.00	133.58
3681.22	262.17	0.00	133.60
3701.22	262.16	0.00	133.63
3721.22	262.16	0.00	133.65
3741.22	262.16	0.00	133.67
3761.22	262.16	0.00	133.69
3781.22	262.16	0.00	133.71
3801.22	262.16	0.00	133.73
3821.22	262.15	0.00	133.75
3841.22	262.15	0.00	133.77
3861.22	262.15	0.00	133.79
3881.22	262.15	0.00	133.81
3901.22	262.15	0.00	133.83
3921.22	262.15	0.00	133.85
3941.22	262.15	0.00	133.87
3961.22	262.14	0.00	133.89
3981.22	262.14	0.00	133.91
4001.22	262.14	0.00	133.93
4021.22	262.14	0.00	133.95
4041.22	262.14	0.00	133.97
4061.22	262.14	0.00	133.99
4081.22	262.14	0.00	134.01
4101.22	262.13	0.00	134.03
4121.22	262.13	0.00	134.05
4141.22	262.13	0.00	134.07
4161.22	262.13	0.00	134.09
4181.22	262.13	0.00	134.11
4201.22	262.13	0.00	134.13
4221.22	262.13	0.00	134.15
4241.22	262.13	0.00	134.17
4261.22	262.12	0.00	134.19
4281.22	262.12	0.00	134.20
4301.22	262.12	0.00	134.22
4321.22	262.12	0.00	134.24
4341.22	262.12	0.00	134.26
4361.22	262.12	0.00	134.28
4381.22	262.12	0.00	134.30
4401.22	262.11	0.00	134.32
4421.22	262.11	0.00	134.34
4441.22	262.11	0.00	134.36
4461.22	262.11	0.00	134.38
4481.22	262.11	0.00	134.39
4501.22	262.11	0.00	134.41

4521.22	262.11	0.00	134.43
4541.22	262.10	0.00	134.45
4561.22	262.10	0.00	134.47
4581.22	262.10	0.00	134.49
4601.22	262.10	0.00	134.50
4621.22	262.10	0.00	134.52
4641.22	262.10	0.00	134.54
4661.22	262.10	0.00	134.56
4681.22	262.10	0.00	134.58
4701.22	262.09	0.00	134.60
4721.22	262.09	0.00	134.61
4741.22	262.09	0.00	134.63
4761.22	262.09	0.00	134.65
4781.22	262.09	0.00	134.67
4801.22	262.09	0.00	134.69
4821.22	262.09	0.00	134.70
4841.22	262.09	0.00	134.72
4861.22	262.08	0.00	134.74
4881.22	262.08	0.00	134.76
4901.22	262.08	0.00	134.77
4921.22	262.08	0.00	134.79
4941.22	262.08	0.00	134.81
4961.22	262.08	0.00	134.83
4981.22	262.08	0.00	134.84
5001.22	262.08	0.00	134.86
5021.22	262.07	0.00	134.88
5041.22	262.07	0.00	134.90
5061.22	262.07	0.00	134.91
5081.22	262.07	0.00	134.93
5101.22	262.07	0.00	134.95
5121.22	262.07	0.00	134.96
5141.22	262.07	0.00	134.98
5161.22	262.07	0.00	135.00
5181.22	262.06	0.00	135.01
5201.22	262.06	0.00	135.03
5221.22	262.06	0.00	135.05
5241.22	262.06	0.00	135.07
5261.22	262.06	0.00	135.08
5281.22	262.06	0.00	135.10
5301.22	262.06	0.00	135.12
5321.22	262.06	0.00	135.13
5341.22	262.05	0.00	135.15
5361.22	262.05	0.00	135.17
5381.22	262.05	0.00	135.18
5400.02	64.51	231.42	135.21
5401.02	65.56	235.18	135.34
5501.12	65.54	235.08	136.80
5601.12	65.53	235.06	137.13
5701.12	65.52	235.04	137.46
5801.12	65.52	235.02	137.78
5901.12	65.51	235.00	138.10

6001.12	65.51	234.98	138.40
6101.12	65.50	234.96	138.70
6201.12	65.49	234.94	138.99
6301.12	65.49	234.92	139.28
6401.12	65.48	234.90	139.56
6501.12	65.48	234.88	139.84
6601.12	65.47	234.86	140.11
6701.12	65.47	234.84	140.37
6801.12	65.46	234.82	140.64
6901.12	65.46	234.81	140.90
7001.12	65.45	234.79	141.15
7101.12	65.45	234.77	141.40
7201.12	65.44	234.75	141.64
7301.12	65.44	234.74	141.88
7401.12	65.43	234.72	142.12
7501.12	65.43	234.71	142.35
7601.12	65.43	234.69	142.50
7701.12	65.42	234.69	142.64
7801.12	65.42	234.68	142.78
7901.12	65.42	234.67	142.91
8001.12	65.42	234.66	143.05
8101.12	65.41	234.65	143.18
8201.12	65.41	234.64	143.30
8301.12	65.41	234.63	143.43
8401.12	65.41	234.62	143.56
8501.12	65.40	234.61	143.68
8601.12	65.40	234.60	143.80
8701.12	65.40	234.60	143.92
8801.12	65.40	234.59	144.03
8901.12	65.39	234.58	144.15
9001.12	65.39	234.57	144.26
9101.12	65.39	234.56	144.37
9201.12	65.39	234.56	144.48
9301.12	65.39	234.55	144.58
9401.12	65.38	234.54	144.69
9501.12	65.38	234.53	144.79
9601.12	65.38	234.53	144.90
9701.12	65.38	234.52	144.99
9801.12	65.38	234.51	145.09
9901.12	65.37	234.51	145.19
10001.10	65.37	234.50	145.28
10101.10	65.37	234.49	145.38
10201.10	65.37	234.49	145.47
10301.10	65.37	234.48	145.56
10401.10	65.37	234.47	145.65
10501.10	65.36	234.47	145.73
10601.10	65.36	234.46	145.82
10701.10	65.36	234.46	145.90
10801.10	65.36	234.45	145.98
10901.10	65.36	234.44	146.07
11001.10	65.36	234.44	146.15

11101.10	65.35	234.43	146.23
11201.10	65.35	234.43	146.30
11301.10	65.35	234.42	146.38
11401.10	65.35	234.42	146.46
11501.10	65.35	234.41	146.53
11601.10	65.35	234.41	146.60
11701.10	65.34	234.40	146.67
11801.10	65.34	234.40	146.74
11901.10	65.34	234.39	146.81
12001.10	65.34	234.39	146.88
12101.10	65.34	234.39	146.80
12201.10	65.34	234.40	146.68
12301.10	65.35	234.41	146.56
12401.10	65.35	234.42	146.44
12501.10	65.35	234.43	146.32
12601.10	65.35	234.43	146.20
12701.10	65.36	234.44	146.09
12801.10	65.36	234.45	145.97
12901.10	65.36	234.46	145.86
13001.10	65.36	234.47	145.75
13101.10	65.36	234.47	145.64
13201.10	65.37	234.48	145.53
13301.10	65.37	234.49	145.42
13401.10	65.37	234.50	145.32
13501.10	65.37	234.50	145.21
13601.10	65.38	234.51	145.11
13701.10	65.38	234.52	145.00
13801.10	65.38	234.52	144.90
13901.10	65.38	234.53	144.80
14001.10	65.38	234.54	144.70
14101.10	65.39	234.55	144.60
14201.10	65.39	234.55	144.50
14301.10	65.39	234.56	144.41
14401.10	65.39	234.57	144.31
14501.10	65.39	234.57	144.21
14601.10	65.39	234.58	144.12
14701.10	65.40	234.59	144.03
14801.10	65.40	234.59	143.94
14901.10	65.40	234.60	143.84
15001.10	65.40	234.60	143.75
15101.10	65.40	234.61	143.67
15201.10	65.40	234.62	143.58
15301.10	65.41	234.62	143.49
15401.10	65.41	234.63	143.40
15501.10	65.41	234.63	143.32
15601.10	65.41	234.64	143.24
15701.10	65.41	234.65	143.15
15801.10	65.41	234.65	143.07
15901.10	65.42	234.66	142.99
16001.10	65.42	234.66	142.91
16101.10	65.42	234.67	142.83

16201.10	65.42	234.67	142.75
16301.10	65.42	234.68	142.67
16401.10	65.42	234.68	142.59
16501.10	65.42	234.69	142.52
16601.10	65.43	234.69	142.44
16701.10	65.43	234.70	142.37
16801.10	65.43	234.70	142.29
16901.10	65.43	234.71	142.22
17001.10	65.43	234.71	142.15
17101.10	65.43	234.72	142.07
17201.10	65.43	234.72	142.00
17301.10	65.44	234.73	141.93
17401.10	65.44	234.73	141.86
17501.10	65.44	234.74	141.79
17601.10	65.44	234.74	141.73
17701.10	65.44	234.75	141.66
17801.10	65.44	234.75	141.59
17901.10	65.44	234.76	141.52
18001.10	65.44	234.76	141.46
18101.10	65.45	234.76	141.39
18201.10	65.45	234.77	141.33
18301.10	65.45	234.77	141.27
18401.10	65.45	234.78	141.20
18501.10	65.45	234.78	141.14
18601.10	65.45	234.79	141.08
18701.10	65.45	234.79	141.02
18801.10	65.45	234.79	140.96
18901.10	65.46	234.80	140.90
19001.10	65.46	234.80	140.84
19101.10	65.46	234.81	140.78
19201.10	65.46	234.81	140.72
19301.10	65.46	234.81	140.66
19401.10	65.46	234.82	140.61
19501.10	65.46	234.82	140.55
19601.10	65.46	234.83	140.49
19701.10	65.46	234.83	140.44
19801.10	65.47	234.83	140.38
19901.10	65.47	234.84	140.33
20001.10	65.47	234.84	140.27
20101.10	65.47	234.84	140.22
20201.10	65.47	234.85	140.17
20301.10	65.47	234.85	140.12
20401.10	65.47	234.85	140.06
20501.10	65.47	234.86	140.01
20601.10	65.47	234.86	139.96
20701.10	65.47	234.86	139.91
20801.10	65.47	234.87	139.86
20901.10	65.48	234.87	139.81
21001.10	65.48	234.87	139.76
21101.10	65.48	234.88	139.71
21201.10	65.48	234.88	139.66

21301.10	65.48	234.88	139.62
21401.10	65.48	234.89	139.57
21501.10	65.48	234.89	139.52
21601.10	65.48	234.89	139.47
21701.10	65.48	234.90	139.43
21801.10	65.48	234.90	139.38
21901.10	65.48	234.90	139.34
22001.10	65.49	234.91	139.29
22101.10	65.49	234.91	139.25
22201.10	65.49	234.91	139.20
22301.10	65.49	234.91	139.16
22401.10	65.49	234.92	139.12
22501.10	65.49	234.92	139.07
22601.10	65.49	234.92	139.03
22701.10	65.49	234.93	138.99
22801.10	65.49	234.93	138.95
22901.10	65.49	234.93	138.91
23001.10	65.49	234.93	138.86
23101.10	65.49	234.94	138.82
23201.10	65.49	234.94	138.78
23301.10	65.50	234.94	138.74
23401.10	65.50	234.94	138.70
23501.10	65.50	234.95	138.66
23601.10	65.50	234.95	138.62
23701.10	65.50	234.95	138.59
23801.10	65.50	234.95	138.55
23901.10	65.50	234.96	138.51
24001.10	65.50	234.96	138.47
24101.10	65.50	234.96	138.43
24201.10	65.50	234.96	138.40
24301.10	65.50	234.97	138.36
24401.10	65.50	234.97	138.32
24501.10	65.50	234.97	138.29
24601.10	65.50	234.97	138.25
24701.10	65.51	234.98	138.22
24801.10	65.51	234.98	138.18
24901.10	65.51	234.98	138.15
25001.10	65.51	234.98	138.11
25101.10	65.51	234.99	138.08
25201.10	65.51	234.99	138.04
25301.10	65.51	234.99	138.01
25401.10	65.51	234.99	137.97
25501.10	65.51	234.99	137.94
25601.10	65.51	235.00	137.91
25701.10	65.51	235.00	137.87
25801.10	65.51	235.00	137.84
25901.10	65.51	235.00	137.81
26001.10	65.51	235.01	137.77
26101.10	65.51	235.01	137.74
26201.10	65.51	235.01	137.71
26301.10	65.52	235.01	137.68

26401.10	65.52	235.01	137.65
26501.10	65.52	235.02	137.62
26601.10	65.52	235.02	137.58
26701.10	65.52	235.02	137.55
26801.10	65.52	235.02	137.52
26901.10	65.52	235.02	137.49
27001.10	65.52	235.03	137.46
27101.10	65.52	235.03	137.43
27201.10	65.52	235.03	137.40
27301.10	65.52	235.03	137.37
27401.10	65.52	235.03	137.34
27501.10	65.52	235.04	137.32
27601.10	65.52	235.04	137.29
27701.10	65.52	235.04	137.26
27801.10	65.52	235.04	137.23
27901.10	65.52	235.04	137.20
28001.10	65.52	235.04	137.17
28101.10	65.52	235.05	137.15
28201.10	65.53	235.05	137.12
28301.10	65.53	235.05	137.09
28401.10	65.53	235.05	137.06
28501.10	65.53	235.05	137.04
28601.10	65.53	235.06	137.01
28701.10	65.53	235.06	136.98
28801.10	65.53	235.06	136.96
28901.10	65.53	235.06	136.93
29001.10	65.53	235.06	136.91
29101.10	65.53	235.06	136.88
29201.10	65.53	235.07	136.85
29301.10	65.53	235.07	136.83
29401.10	65.53	235.07	136.80
29501.10	65.53	235.07	136.78
29601.10	65.53	235.07	136.75
29701.10	65.53	235.07	136.73
29801.10	65.53	235.08	136.70
29901.10	65.53	235.08	136.68
30001.10	65.53	235.08	136.65
30101.10	65.53	235.08	136.63
30201.10	65.53	235.08	136.61
30301.10	65.54	235.08	136.58
30401.10	65.54	235.08	136.56
30501.10	65.54	235.09	136.54
30601.10	65.54	235.09	136.51
30701.10	65.54	235.09	136.49
30801.10	65.54	235.09	136.47
30901.10	65.54	235.09	136.44
31001.10	65.54	235.09	136.42
31101.10	65.54	235.10	136.40
31201.10	65.54	235.10	136.38
31301.10	65.54	235.10	136.35
31401.10	65.54	235.10	136.33

31501.10	65.54	235.10	136.31
31601.10	65.54	235.10	136.29
31701.10	65.54	235.10	136.27
31801.10	65.54	235.11	136.24
31901.10	65.54	235.11	136.22
32001.10	65.54	235.11	136.20
32101.10	65.54	235.11	136.18
32201.10	65.54	235.11	136.16
32301.10	65.54	235.11	136.14
32401.10	65.54	235.11	136.12
32501.10	65.54	235.11	136.10
32601.10	65.54	235.12	136.08
32701.10	65.54	235.12	136.06
32801.10	65.54	235.12	136.04
32901.10	65.55	235.12	136.02
33001.10	65.55	235.12	136.00
33101.10	65.55	235.12	135.98
33201.10	65.55	235.12	135.96
33301.10	65.55	235.13	135.94
33401.10	65.55	235.13	135.92
33501.10	65.55	235.13	135.90
33601.10	65.55	235.13	135.88
33701.10	65.55	235.13	135.86
33801.10	65.55	235.13	135.84
33901.10	65.55	235.13	135.82
34001.10	65.55	235.13	135.80
34101.10	65.55	235.14	135.78
34201.10	65.55	235.14	135.77
34301.10	65.55	235.14	135.75
34401.10	65.55	235.14	135.73
34501.10	65.55	235.14	135.71
34601.10	65.55	235.14	135.69
34701.10	65.55	235.14	135.67
34801.10	65.55	235.14	135.66
34901.10	65.55	235.14	135.64
35001.10	65.55	235.15	135.62
35101.10	65.55	235.15	135.60
35201.10	65.55	235.15	135.59
35301.10	65.55	235.15	135.57
35401.10	65.55	235.15	135.55
35501.10	65.55	235.15	135.53
35601.10	65.55	235.15	135.52
35701.10	65.55	235.15	135.50
35801.10	65.55	235.15	135.48
35901.10	65.56	235.16	135.47
36001.10	65.56	235.16	135.45
36101.10	65.56	235.16	135.43
36201.10	65.56	235.16	135.42
36301.10	65.56	235.16	135.40
36401.10	65.56	235.16	135.38
36501.10	65.56	235.16	135.37

36601.10	65.56	235.16	135.35
36701.10	65.56	235.16	135.34
36801.10	65.56	235.17	135.32
36901.10	65.56	235.17	135.30
37001.10	65.56	235.17	135.29
37101.10	65.56	235.17	135.27
37201.10	65.56	235.17	135.26
37301.10	65.56	235.17	135.24
37401.10	65.56	235.17	135.23
37501.10	65.56	235.17	135.21
37601.10	65.56	235.17	135.19
37701.10	65.56	235.17	135.18
37801.10	65.56	235.17	135.16
37901.10	65.56	235.18	135.15
38001.10	65.56	235.18	135.13
38101.10	65.56	235.18	135.12
38201.10	65.56	235.18	135.11
38301.10	65.56	235.18	135.09
38401.10	65.56	235.18	135.08
38501.10	65.56	235.18	135.06
38601.10	65.56	235.18	135.05
38701.10	65.56	235.18	135.03
38801.10	65.56	235.18	135.02
38901.10	65.56	235.19	135.00
39001.10	65.56	235.19	134.99
39101.10	65.56	235.19	134.98
39201.10	65.56	235.19	134.96
39301.10	65.56	235.19	134.95
39401.10	65.56	235.19	134.93
39501.10	65.56	235.19	134.92
39601.10	65.57	235.19	134.91
39701.10	65.57	235.19	134.89
39801.10	65.57	235.19	134.88
39901.10	65.57	235.19	134.86
40001.10	65.57	235.19	134.85
40101.10	65.57	235.20	134.84
40201.10	65.57	235.20	134.82
40301.10	65.57	235.20	134.81
40401.10	65.57	235.20	134.80
40501.10	65.57	235.20	134.78
40601.10	65.57	235.20	134.77
40701.10	65.57	235.20	134.76
40801.10	65.57	235.20	134.75
40901.10	65.57	235.20	134.73
41001.10	65.57	235.20	134.72
41101.10	65.57	235.20	134.71
41201.10	65.57	235.20	134.69
41301.10	65.57	235.21	134.68
41401.10	65.57	235.21	134.67
41501.10	65.57	235.21	134.66
41601.10	65.57	235.21	134.64

41701.10	65.57	235.21	134.63
41801.10	65.57	235.21	134.62
41901.10	65.57	235.21	134.61
42001.10	65.57	235.21	134.59
42101.10	65.57	235.21	134.58
42201.10	65.57	235.21	134.57
42301.10	65.57	235.21	134.56
42401.10	65.57	235.21	134.55
42501.10	65.57	235.22	134.53
42601.10	65.57	235.22	134.52
42701.10	65.57	235.22	134.51
42801.10	65.57	235.22	134.50
42901.10	65.57	235.22	134.49
43001.10	65.57	235.22	134.47
43101.10	65.57	235.22	134.46
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43301.10	65.57	235.22	134.44
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43501.10	65.57	235.22	134.42
43601.10	65.57	235.22	134.41
43701.10	65.57	235.22	134.39
43801.10	65.57	235.22	134.38
43901.10	65.57	235.23	134.37
44001.10	65.57	235.23	134.36
44101.10	65.58	235.23	134.35
44201.10	65.58	235.23	134.34
44301.10	65.58	235.23	134.33
44401.10	65.58	235.23	134.32
44501.10	65.58	235.23	134.31
44601.10	65.58	235.23	134.29
44701.10	65.58	235.23	134.28
44801.10	65.58	235.23	134.27
44901.10	65.58	235.23	134.26
45001.10	65.58	235.23	134.25
45101.10	65.58	235.23	134.24
45201.10	65.58	235.23	134.23
45301.10	65.58	235.24	134.22
45401.10	65.58	235.24	134.21
45501.10	65.58	235.24	134.20
45601.10	65.58	235.24	134.19
45701.10	65.58	235.24	134.18
45801.10	65.58	235.24	134.17
45901.10	65.58	235.24	134.16
46001.10	65.58	235.24	134.15
46101.10	65.58	235.24	134.14
46201.10	65.58	235.24	134.13
46301.10	65.58	235.24	134.12
46401.10	65.58	235.24	134.11
46501.10	65.58	235.24	134.10
46601.10	65.58	235.24	134.09
46701.10	65.58	235.24	134.08

46801.10	65.58	235.24	134.07
46901.10	65.58	235.25	134.06
47001.10	65.58	235.25	134.05
47101.10	65.58	235.25	134.04
47201.10	65.58	235.25	134.03
47301.10	65.58	235.25	134.02
47401.10	65.58	235.25	134.01
47501.10	65.58	235.25	134.00
47601.10	65.58	235.25	133.99
47701.10	65.58	235.25	133.98
47801.10	65.58	235.25	133.97
47901.10	65.58	235.25	133.96
48001.10	65.58	235.25	133.95
48101.10	65.58	235.25	133.94
48201.10	65.58	235.25	133.93
48301.10	65.58	235.25	133.93
48401.10	65.58	235.25	133.92
48501.10	65.58	235.26	133.91
48601.10	65.58	235.26	133.90
48701.10	65.58	235.26	133.89
48801.10	65.58	235.26	133.88
48901.10	65.58	235.26	133.87
49001.10	65.58	235.26	133.86
49101.10	65.58	235.26	133.85
49201.10	65.58	235.26	133.84
49301.10	65.58	235.26	133.83
49401.10	65.58	235.26	133.83
49501.10	65.58	235.26	133.82
49601.10	65.58	235.26	133.81
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49901.10	65.59	235.26	133.78
50001.10	65.59	235.26	133.77
50101.10	65.59	235.26	133.77
50201.10	65.59	235.26	133.76
50301.10	65.59	235.26	133.75
50401.10	65.59	235.27	133.74
50501.10	65.59	235.27	133.73
50601.10	65.59	235.27	133.72
50701.10	65.59	235.27	133.71
50801.10	65.59	235.27	133.71
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51201.10	65.59	235.27	133.67
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51701.10	65.59	235.27	133.63
51801.10	65.59	235.27	133.62

51901.10	65.59	235.27	133.62
52001.10	65.59	235.27	133.61
52101.10	65.59	235.27	133.60
52201.10	65.59	235.28	133.59
52301.10	65.59	235.28	133.58
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52501.10	65.59	235.28	133.57
52601.10	65.59	235.28	133.56
52701.10	65.59	235.28	133.55
52801.10	65.59	235.28	133.54
52901.10	65.59	235.28	133.54
53001.10	65.59	235.28	133.53
53101.10	65.59	235.28	133.52
53201.10	65.59	235.28	133.51
53301.10	65.59	235.28	133.51
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53801.10	65.59	235.28	133.47
53901.10	65.59	235.28	133.46
54001.10	65.59	235.28	133.45
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54301.10	65.59	235.29	133.43
54401.10	65.59	235.29	133.42
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55101.10	65.59	235.29	133.37
55201.10	65.59	235.29	133.37
55301.10	65.59	235.29	133.36
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55801.10	65.59	235.29	133.33
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56101.10	65.59	235.29	133.31
56201.10	65.59	235.29	133.30
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56901.10	65.59	235.30	133.25

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57101.10	65.59	235.30	133.24
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57301.10	65.59	235.30	133.22
57401.10	65.60	235.30	133.22
57501.10	65.60	235.30	133.21
57601.10	65.60	235.30	133.21
57701.10	65.60	235.30	133.20
57801.10	65.60	235.30	133.19
57901.10	65.60	235.30	133.19
58001.10	65.60	235.30	133.18
58101.10	65.60	235.30	133.17
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58401.10	65.60	235.30	133.15
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58801.10	65.60	235.30	133.13
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61701.10	65.60	235.31	132.96
61801.10	65.60	235.32	132.95
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62201.10	65.60	235.32	132.93
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67101.10	65.60	235.33	132.68

67201.10	65.60	235.33	132.68
67301.10	65.60	235.33	132.67
67401.10	65.60	235.33	132.67
67501.10	65.60	235.33	132.66
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67701.10	65.60	235.33	132.65
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68101.10	65.61	235.34	132.63
68201.10	65.61	235.34	132.63
68301.10	65.61	235.34	132.62
68401.10	65.61	235.34	132.62
68501.10	65.61	235.34	132.62
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69101.10	65.61	235.34	132.59
69201.10	65.61	235.34	132.58
69301.10	65.61	235.34	132.58
69401.10	65.61	235.34	132.58
69501.10	65.61	235.34	132.57
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69701.10	65.61	235.34	132.56
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71801.10	65.61	235.35	132.47
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72001.10	65.61	235.35	132.47
72101.10	65.61	235.35	132.46
72201.10	65.61	235.35	132.46

72301.10	65.61	235.35	132.45
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72701.10	65.61	235.35	132.44
72801.10	65.61	235.35	132.43
72901.10	65.61	235.35	132.43
73001.10	65.61	235.35	132.43
73101.10	65.61	235.35	132.42
73201.10	65.61	235.35	132.42
73301.10	65.61	235.35	132.41
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74401.10	65.61	235.35	132.37
74501.10	65.61	235.35	132.37
74601.10	65.61	235.35	132.36
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74801.10	65.61	235.35	132.36
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75401.10	65.61	235.35	132.33
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75701.10	65.61	235.35	132.32
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75901.10	65.61	235.36	132.32
76001.10	65.61	235.36	132.31
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76301.10	65.61	235.36	132.30
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77301.10	65.61	235.36	132.27

77401.10	65.61	235.36	132.26
77501.10	65.61	235.36	132.26
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78001.10	65.61	235.36	132.24
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79101.10	65.61	235.36	132.21
79201.10	65.61	235.36	132.20
79301.10	65.61	235.36	132.20
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84301.10	65.62	235.37	132.04
84401.10	65.62	235.37	132.04
84501.10	65.62	235.37	132.04
84601.10	65.62	235.37	132.03
84701.10	65.62	235.37	132.03
84801.10	65.62	235.37	132.03
84901.10	65.62	235.37	132.02
85001.10	65.62	235.37	132.02
85101.10	65.62	235.37	132.02
85201.10	65.62	235.37	132.02
85301.10	65.62	235.37	132.01
85401.10	65.62	235.37	132.01
85501.10	65.62	235.37	132.01
85601.10	65.62	235.37	132.00
85701.10	65.62	235.37	132.00
85801.10	65.62	235.37	132.00
85901.10	65.62	235.38	132.00
86001.10	65.62	235.38	131.99
86101.10	65.62	235.38	131.99
86201.10	65.62	235.38	131.99
86301.10	65.62	235.38	131.99
86400.00	65.62	235.38	131.98

Time (s)	Steam Flow from RV Side (lbm/s)	Steam Enthalpy from RV Side (btu/lbm)	Liquid Flow from RV Side (lbm/s)	Liquid Enthalpy from RV Side (btu/lbm)	Steam Flow from SG Side (lbm/s)	Steam Enthalpy from SG Side (btu/lbm)	Liquid Flow from SG Side (lbm/s)	Liquid Enthalpy from SG Side (btu/lbm)
0.00	0.00	1212.40	0.00	410.00	0.00	1197.00	0.00	480.00
0.00	0.00	1212.40	1000.00	420.00	0.00	1197.00	1000.00	480.00
0.13	2903.20	1212.10	23792.80	489.00	1182.40	1196.70	37972.80	544.30
0.25	2443.20	1207.80	25724.80	501.90	659.20	1195.10	40866.40	550.50
0.38	2280.80	1207.20	27094.40	511.90	428.00	1190.40	41798.40	557.00
0.50	2308.80	1206.60	27215.20	512.10	608.80	1193.20	41406.40	556.90
0.63	2277.60	1206.70	27007.20	512.90	797.60	1193.00	40998.40	556.50
0.75	2254.40	1207.20	26844.00	513.30	1003.20	1192.70	40535.20	556.00
0.88	2229.60	1206.90	26669.60	513.60	1229.60	1193.50	39994.40	555.30
1.00	2228.00	1206.60	26671.20	513.80	1496.80	1194.40	39304.00	554.10
1.13	2228.00	1206.90	26702.40	513.80	1811.20	1195.10	38426.40	552.30
1.25	2208.80	1206.00	26616.00	514.00	2168.80	1196.10	37353.60	549.60
1.38	2173.60	1206.60	26444.00	514.40	2528.80	1197.40	36232.00	546.70
1.50	2135.20	1206.10	26228.80	514.80	2849.60	1198.40	35246.40	544.20
1.63	2097.60	1206.10	26016.00	515.20	3110.40	1199.40	34475.20	542.80
1.75	2064.00	1206.10	25818.40	515.50	3334.40	1199.70	33856.00	541.90
1.88	2032.00	1206.00	25623.20	515.90	3544.00	1200.40	33188.80	540.80
2.00	2003.20	1205.70	25438.40	516.20	3744.00	1201.00	32484.00	539.50
2.13	1976.00	1206.20	25267.20	516.40	3869.60	1201.10	31600.00	539.30
2.25	1950.40	1205.70	25088.00	516.70	3840.80	1200.80	30601.60	543.20
2.38	1924.00	1205.40	24898.40	516.90	3804.00	1200.30	29323.20	548.90
2.50	1896.80	1205.90	24705.60	517.20	4165.60	1200.40	27171.20	547.70
2.63	1872.80	1205.40	24516.80	517.40	5300.00	1210.50	22241.60	516.30
2.75	1850.40	1205.00	24331.20	517.70	5652.80	1215.20	20720.80	501.20
2.88	1828.80	1205.10	24149.60	517.90	5850.40	1217.20	19059.20	496.10
3.00	1809.60	1205.30	23975.20	518.10	6013.60	1219.30	17371.20	491.20
3.13	1793.60	1204.90	23807.20	518.30	6187.20	1221.40	15436.80	486.20
3.25	1780.00	1204.30	23640.00	518.50	6292.00	1223.00	13659.20	482.00
3.38	1772.80	1205.00	23484.00	518.60	6305.60	1224.20	12392.80	478.20
3.50	1788.80	1204.60	23327.20	518.10	6276.80	1225.30	11615.20	474.50
3.63	1811.20	1204.40	23165.60	517.50	6220.80	1226.00	11131.20	471.40
3.75	1836.80	1204.10	22991.20	516.70	6118.40	1226.30	10938.40	468.90
3.88	1863.20	1204.60	22814.40	516.00	6010.40	1226.30	10893.60	466.80
4.00	1892.00	1204.40	22641.60	515.20	5904.00	1226.30	10944.00	464.90
4.13	1921.60	1205.00	22472.80	514.50	5808.80	1226.50	11060.80	463.00
4.25	1954.40	1204.50	22306.40	513.70	5722.40	1226.50	11196.00	461.40
4.38	1986.40	1204.90	22147.20	513.00	5644.80	1226.40	11324.00	460.00
4.50	2020.00	1205.10	21995.20	512.40	5560.00	1226.50	11457.60	458.70
4.63	2055.20	1205.20	21840.80	511.70	5482.40	1226.40	11453.60	457.10
4.75	2092.00	1205.00	21690.40	511.00	5424.80	1226.50	11238.40	455.20
4.88	2124.00	1205.50	21565.60	510.60	5369.60	1226.60	11328.80	454.30
5.00	2157.60	1205.20	21391.20	510.10	5322.40	1226.30	11577.60	454.20
5.13	2210.40	1205.80	21001.60	508.40	5276.00	1226.10	11693.60	453.70
5.25	2274.40	1206.00	20525.60	506.10	5233.60	1226.10	11713.60	453.10
5.38	3112.00	1212.40	20048.80	480.80	5186.40	1225.90	11720.80	452.20
5.50	3748.80	1217.20	19062.40	455.80	5136.80	1226.00	11772.80	451.40
5.63	3764.80	1218.00	18312.00	452.00	5086.40	1225.80	11891.20	450.70
5.75	3786.40	1218.20	17797.60	449.60	5040.00	1225.50	12076.80	450.40

5.88	3808.00	1218.80	17404.80	447.90	4993.60	1225.40	12310.40	450.10
6.00	3826.40	1219.20	17020.00	446.30	4948.80	1225.20	12512.80	449.80
6.13	3842.40	1219.60	16602.40	444.50	4912.00	1225.10	12652.00	449.50
6.25	3858.40	1220.10	16178.40	442.70	4880.80	1225.00	12759.20	449.20
6.38	3875.20	1220.40	15760.00	440.90	4854.40	1224.90	12848.00	448.90
6.50	3890.40	1221.10	15336.00	439.10	4833.60	1224.70	12918.40	448.70
6.63	3909.60	1221.30	14912.80	437.40	4816.00	1224.70	12968.00	448.60
6.75	3934.40	1221.90	14458.40	435.70	4802.40	1224.80	12996.80	448.40
6.88	3978.40	1222.60	13911.20	434.10	4794.40	1224.50	12994.40	448.20
7.00	4024.80	1223.40	13104.80	431.50	4790.40	1224.70	12950.40	447.90
7.13	4061.60	1224.60	12305.60	428.70	4792.00	1224.90	12860.00	447.70
7.25	4084.00	1225.00	11803.20	426.90	4800.00	1224.80	12749.60	447.40
7.38	4092.00	1225.60	11448.80	425.70	4805.60	1225.10	12613.60	447.00
7.50	4096.00	1225.80	11108.80	424.40	4810.40	1225.20	12448.00	446.50
7.63	4096.80	1226.30	10804.00	423.20	4813.60	1225.50	12248.80	445.90
7.75	4096.80	1226.60	10561.60	422.20	4816.00	1225.60	12024.80	445.10
7.88	4086.40	1226.60	10308.00	421.10	4812.80	1225.80	11804.00	444.30
8.00	4065.60	1227.00	10088.80	419.80	4802.40	1225.90	11613.60	443.50
8.13	4048.00	1227.10	9926.40	418.70	4786.40	1226.20	11465.60	442.60
8.25	4028.80	1227.20	9800.80	417.80	4769.60	1226.20	11356.80	441.90
8.38	4005.60	1227.30	9652.80	416.70	4752.80	1226.30	11280.00	441.20
8.50	3986.40	1227.10	9554.40	415.70	4738.40	1226.20	11225.60	440.70
8.63	3972.00	1227.40	9498.40	415.20	4725.60	1226.40	11168.80	440.30
8.75	3954.40	1227.50	9513.60	414.80	4718.40	1226.50	11063.20	439.70
8.88	3929.60	1227.30	9490.40	414.10	4720.00	1226.60	10824.80	439.10
9.00	3915.20	1227.10	9463.20	413.60	4729.60	1226.80	10431.20	438.40
9.13	3896.00	1227.40	9422.40	413.10	4744.80	1227.40	10024.00	437.40
9.25	3864.80	1227.10	9316.80	411.90	4762.40	1227.50	9588.00	436.50
9.38	3841.60	1227.40	9233.60	411.00	4746.40	1228.00	9242.40	435.10
9.50	3823.20	1227.60	9122.40	410.20	4801.60	1227.90	9263.20	436.00
9.63	3809.60	1227.40	8957.60	409.20	4798.40	1228.00	9304.80	436.20
9.75	3801.60	1227.70	8720.80	408.20	4820.00	1228.60	8960.00	435.50
9.88	3796.00	1227.90	8458.40	407.20	4803.20	1228.60	8724.00	434.30
10.00	3788.00	1228.40	8217.60	406.20	4783.20	1228.70	8543.20	433.30
10.13	3776.80	1228.40	7983.20	405.20	4761.60	1228.80	8378.40	432.30
10.25	3765.60	1228.70	7716.80	404.20	4732.80	1229.10	8243.20	431.30
10.38	3755.20	1228.60	7516.80	403.40	4702.40	1229.10	8133.60	430.30
10.50	3737.60	1228.80	7401.60	402.50	4672.00	1229.20	8032.80	429.30
10.63	3719.20	1228.90	7320.80	401.90	4640.00	1229.10	7941.60	428.20
10.75	3698.40	1229.00	7204.00	401.00	4608.00	1229.30	7861.60	427.20
10.88	3683.20	1228.90	7058.40	400.20	4576.00	1229.30	7784.80	426.30
11.00	3670.40	1229.10	6880.80	399.40	4543.20	1229.30	7714.40	425.20
11.13	3661.60	1229.00	6691.20	398.80	4511.20	1229.30	7643.20	424.30
11.25	3648.00	1229.40	6485.60	398.10	4480.00	1229.50	7560.80	423.40
11.38	3638.40	1229.30	6254.40	397.50	4449.60	1229.50	7473.60	422.30
11.50	3628.80	1229.30	6054.40	397.00	4419.20	1229.50	7381.60	421.30
11.63	3620.00	1229.20	5889.60	396.50	4389.60	1229.60	7283.20	420.30
11.75	3608.80	1229.40	5735.20	395.80	4360.00	1229.50	7189.60	419.30
11.88	3597.60	1229.40	5595.20	395.00	4328.00	1229.80	7104.00	418.30
12.00	3584.80	1229.70	5464.80	394.40	4297.60	1229.60	7031.20	417.30
12.13	3572.00	1229.60	5338.40	393.70	4264.80	1229.90	6966.40	416.30

12.25	3556.00	1229.80	5226.40	393.00	4232.80	1229.60	6907.20	415.40
12.38	3540.00	1229.70	5133.60	392.40	4200.00	1229.70	6856.00	414.40
12.50	3524.00	1229.80	5050.40	391.80	4169.60	1229.60	6800.00	413.50
12.63	3508.80	1229.50	4970.40	391.10	4139.20	1229.70	6742.40	412.60
12.75	3491.20	1229.90	4887.20	390.50	4109.60	1229.60	6688.00	411.70
12.88	3476.80	1229.50	4794.40	389.90	4079.20	1229.80	6632.00	410.80
13.00	3463.20	1229.80	4688.80	389.40	4050.40	1229.50	6577.60	409.80
13.13	3448.80	1229.70	4576.00	388.90	4020.80	1229.70	6527.20	409.00
13.25	3424.80	1229.50	4460.00	388.00	3992.00	1229.50	6474.40	408.10
13.38	3393.60	1229.80	4374.40	387.00	3958.40	1229.50	6413.60	407.00
13.50	3356.00	1229.20	4360.80	385.90	3923.20	1229.70	6340.80	405.90
13.63	3311.20	1229.50	4392.00	384.40	3888.00	1229.50	6236.00	404.70
13.75	3282.40	1229.30	4357.60	383.50	3852.80	1229.80	6106.40	403.40
13.88	3274.40	1229.10	4254.40	383.20	3823.20	1229.70	5976.80	402.30
14.00	3261.60	1229.30	4099.20	382.70	3794.40	1229.70	5855.20	401.10
14.13	3248.00	1229.20	3928.00	381.80	3759.20	1229.90	5735.20	399.90
14.25	3236.00	1229.40	3747.20	381.10	3717.60	1230.00	5628.80	398.50
14.38	3228.80	1229.20	3576.80	380.60	3680.00	1229.70	5536.00	397.10
14.50	3212.80	1229.50	3370.40	380.00	3642.40	1229.80	5455.20	396.00
14.63	3196.80	1229.30	3192.80	379.60	3596.80	1229.60	5439.20	394.70
14.75	3175.20	1229.10	3073.60	378.80	3541.60	1229.50	5525.60	393.30
14.88	3146.40	1228.80	3021.60	377.90	3492.00	1229.30	5653.60	392.10
15.00	3105.60	1228.90	3028.00	376.50	3456.00	1229.40	5729.60	390.90
15.25	3043.60	1228.80	3092.80	374.50	3422.40	1229.30	5650.00	389.70
15.75	2943.00	1228.30	3098.60	371.20	3411.40	1229.40	4933.80	388.30
16.25	2783.40	1226.90	3123.40	368.70	3402.80	1229.90	3735.00	386.30
16.75	2285.60	1217.00	4268.60	380.40	3314.60	1229.50	3009.60	383.50
17.25	1863.60	1210.50	6296.80	381.90	3184.00	1228.70	2570.80	379.70
17.75	1614.60	1208.30	7708.00	380.70	3029.20	1228.20	2422.00	374.70
18.25	1444.20	1206.80	8126.40	377.10	2925.60	1227.60	2263.20	371.40
18.75	1241.60	1205.10	8367.00	371.50	2869.40	1227.10	1891.20	369.80
19.25	1060.80	1203.40	8586.20	366.10	2805.80	1226.20	1533.00	368.70
19.38	971.20	1203.00	8834.40	363.40	2764.80	1225.40	1354.40	368.10
19.50	936.80	1202.20	8893.60	361.90	2751.20	1225.40	1290.40	367.70
21.50	717.90	1200.00	8791.40	348.60	2618.30	1222.10	594.40	368.40
22.75	410.80	1195.70	10006.60	332.80	2259.00	1217.70	175.80	360.90
24.00	277.20	1192.30	9749.80	317.80	1826.70	1219.60	17.50	345.30
25.25	134.20	1186.50	9923.10	296.30	1474.70	1214.90	67.50	322.00
26.50	60.60	1184.30	10499.10	287.10	1240.60	1217.60	60.70	313.40
27.75	27.50	1183.60	10102.30	276.40	1049.60	1235.70	28.60	311.00
28.38	14.70	1186.80	9812.60	261.90	914.60	1243.50	25.00	307.70
29.00	10.60	1172.50	9153.80	252.20	761.40	1246.60	0.50	256.00
29.63	2.40	1226.70	8716.80	247.70	614.20	1227.60	16.00	278.40
35.00	0.00	1226.70	8268.00	227.60	553.60	1221.00	29.10	278.80
47.50	0.00	1226.70	2297.00	202.40	145.10	1235.20	5.00	267.60
60.00	0.00	1226.70	5613.60	187.90	387.50	1218.10	26.60	271.10
72.50	41.50	1179.40	2220.80	232.60	240.10	1246.20	2.10	270.00
85.00	140.10	1178.90	300.70	265.00	284.10	1213.90	28.60	266.10
97.50	111.40	1178.10	402.00	264.30	265.00	1212.60	24.30	265.90
110.00	112.70	1178.40	367.70	263.80	259.70	1209.30	29.60	265.30
122.50	103.00	1178.40	317.40	263.70	240.30	1213.40	21.60	264.70

135.00	105.90	1179.60	199.10	263.50	211.80	1226.00	14.10	264.90
147.50	99.00	1179.60	227.00	263.70	217.40	1214.00	20.70	264.40
170.00	100.70	1178.80	340.80	264.30	257.40	1215.70	24.50	265.30
195.00	93.20	1178.70	380.40	264.60	260.10	1217.00	22.80	265.50
220.00	96.30	1179.10	368.20	264.80	262.10	1200.10	48.60	266.60
245.00	104.00	1179.70	294.60	264.70	253.40	1189.70	76.70	266.20
270.00	111.00	1179.70	164.20	264.50	173.80	1180.70	192.60	264.60
295.00	100.50	1179.00	261.30	264.50	160.00	1180.00	285.50	264.50
320.00	91.20	1179.00	249.10	264.30	136.00	1179.20	279.50	264.20
345.00	80.50	1179.50	175.80	264.00	113.90	1178.20	218.10	263.90
370.00	68.90	1179.10	213.10	263.80	96.70	1178.40	254.70	263.70
395.00	59.90	1178.70	271.50	263.70	98.40	1177.70	261.90	263.70
420.00	56.90	1179.30	236.50	263.50	87.10	1178.70	229.80	263.50
445.00	37.90	1179.50	509.10	258.90	86.20	1178.10	307.80	263.40
470.00	33.20	1180.60	403.50	261.80	93.30	1178.40	232.00	263.30
495.00	32.80	1178.00	322.80	259.10	78.80	1177.80	151.30	263.00
520.00	27.50	1176.80	414.20	261.70	80.90	1177.30	231.80	262.90
545.00	20.60	1179.40	588.90	258.30	80.50	1177.70	241.20	262.80
570.00	16.80	1180.90	501.60	260.50	84.00	1178.10	212.90	262.70
595.00	20.80	1178.20	337.20	261.70	79.50	1178.40	168.40	262.60
620.00	16.70	1176.10	437.40	260.90	72.30	1177.30	222.40	262.40
645.00	22.50	1177.00	483.80	259.30	77.20	1178.50	263.00	262.30
670.00	24.10	1178.40	478.00	261.00	84.00	1177.30	255.60	262.30
695.00	15.50	1179.70	599.60	257.60	82.40	1177.90	206.30	262.20
720.00	22.30	1183.90	333.70	254.80	76.30	1178.30	156.90	262.00
745.00	18.70	1183.40	377.20	255.50	72.00	1178.20	172.80	261.90
770.00	17.00	1177.40	448.20	256.50	72.90	1177.10	200.50	261.80
795.00	25.70	1178.40	315.90	261.30	75.40	1176.90	236.80	261.80
820.00	14.80	1175.50	642.50	258.00	76.80	1178.30	311.60	261.70
845.00	15.90	1174.60	480.30	260.60	83.10	1177.40	196.20	261.70
870.00	10.60	1181.20	641.10	253.80	82.30	1178.00	189.20	261.70
895.00	13.20	1183.00	421.30	255.60	78.40	1177.60	180.10	261.70
940.00	18.80	1180.70	316.10	260.30	75.00	1177.10	193.90	261.60
990.00	12.20	1178.40	627.60	254.70	82.50	1177.40	237.90	261.60
1040.00	18.70	1180.10	284.60	260.40	71.10	1177.80	197.50	261.40
1090.00	13.00	1180.90	461.60	259.00	77.40	1178.00	272.80	261.40
1140.00	10.50	1173.20	452.40	258.50	78.00	1177.50	235.10	261.30
1187.00	11.20	1176.70	408.20	259.10	69.10	1177.60	236.60	261.20
1200.00	11.20	1179.20	428.00	258.80	66.50	1177.40	267.50	261.20
1200.13	0.00		771.42	107.59	0.00	1232.33	0.00	
1201.14	0.00		661.56	108.10	110.57	1232.48	0.00	
1221.22	0.00		668.61	112.45	101.82	1232.63	0.00	
1241.22	0.00		668.84	113.14	101.46	1232.78	0.00	
1261.22	0.00		669.28	113.29	100.99	1232.92	0.00	
1281.22	0.00		669.77	113.37	100.48	1233.08	0.00	
1301.22	0.00		670.25	113.43	99.98	1233.24	0.00	
1321.22	0.00		670.72	113.49	99.50	1233.41	0.00	
1341.22	0.00		671.16	113.55	99.04	1233.58	0.00	
1361.22	0.00		671.59	113.61	98.60	1233.75	0.00	
1381.22	0.00		672.00	113.67	98.17	1233.92	0.00	
1401.22	0.00		672.42	113.73	97.74	1234.08	0.00	

1421.22	0.00	672.83	113.79	97.32	1234.24	0.00
1441.22	0.00	673.24	113.85	96.89	1234.39	0.00
1461.22	0.00	673.66	113.91	96.46	1234.55	0.00
1481.22	0.00	674.07	113.97	96.03	1234.69	0.00
1501.22	0.00	674.49	114.02	95.60	1234.84	0.00
1521.22	0.00	674.90	114.08	95.17	1234.98	0.00
1541.22	0.00	675.32	114.14	94.74	1235.11	0.00
1561.22	0.00	675.73	114.20	94.31	1235.25	0.00
1581.22	0.00	676.15	114.25	93.88	1235.38	0.00
1601.22	0.00	676.57	114.31	93.45	1235.50	0.00
1621.22	0.00	676.98	114.37	93.02	1235.63	0.00
1641.22	0.00	677.40	114.42	92.59	1235.75	0.00
1661.22	0.00	677.82	114.48	92.15	1235.86	0.00
1681.22	0.00	678.24	114.53	91.72	1235.98	0.00
1701.22	0.00	678.65	114.59	91.29	1236.09	0.00
1721.22	0.00	679.07	114.64	90.86	1236.20	0.00
1741.22	0.00	679.49	114.70	90.42	1236.31	0.00
1761.22	0.00	679.91	114.75	89.99	1236.41	0.00
1781.22	0.00	680.33	114.81	89.56	1236.51	0.00
1801.22	0.00	680.75	114.86	89.13	1236.61	0.00
1821.22	0.00	681.17	114.92	88.69	1236.71	0.00
1841.22	0.00	681.59	114.97	88.26	1236.81	0.00
1861.22	0.00	682.01	115.02	87.82	1236.90	0.00
1881.22	0.00	682.43	115.08	87.39	1236.99	0.00
1901.22	0.00	682.85	115.13	86.96	1237.08	0.00
1921.22	0.00	683.27	115.18	86.52	1237.16	0.00
1941.22	0.00	683.69	115.23	86.09	1237.25	0.00
1961.22	0.00	684.12	115.29	85.65	1237.33	0.00
1981.22	0.00	684.54	115.34	85.22	1237.41	0.00
2001.22	0.00	684.95	115.39	84.79	1237.49	0.00
2021.22	0.00	685.13	115.44	84.60	1237.57	0.00
2041.22	0.00	685.31	115.49	84.41	1237.65	0.00
2061.22	0.00	685.49	115.54	84.22	1237.73	0.00
2081.22	0.00	685.66	115.60	84.03	1237.81	0.00
2101.22	0.00	685.84	115.65	83.84	1237.89	0.00
2121.22	0.00	686.02	115.70	83.65	1237.96	0.00
2141.22	0.00	686.20	115.75	83.45	1238.04	0.00
2161.22	0.00	686.37	115.80	83.26	1238.12	0.00
2181.22	0.00	686.55	115.85	83.07	1238.20	0.00
2201.22	0.00	686.73	115.90	82.88	1238.28	0.00
2221.22	0.00	686.91	115.95	82.69	1238.35	0.00
2241.22	0.00	687.08	116.00	82.50	1238.43	0.00
2261.22	0.00	687.26	116.05	82.31	1238.51	0.00
2281.22	0.00	687.44	116.09	82.12	1238.59	0.00
2301.22	0.00	687.62	116.14	81.93	1238.66	0.00
2321.22	0.00	687.80	116.19	81.74	1238.74	0.00
2341.22	0.00	687.97	116.24	81.55	1238.82	0.00
2361.22	0.00	688.15	116.29	81.36	1238.89	0.00
2381.22	0.00	688.33	116.34	81.17	1238.97	0.00
2401.22	0.00	688.51	116.39	80.98	1239.05	0.00
2421.22	0.00	688.69	116.43	80.79	1239.12	0.00

2441.22	0.00	688.86	116.48	80.60	1239.20	0.00
2461.22	0.00	689.04	116.53	80.41	1239.27	0.00
2481.22	0.00	689.22	116.58	80.22	1239.35	0.00
2501.22	0.00	689.40	116.63	80.03	1239.42	0.00
2521.22	0.00	689.57	116.67	79.84	1239.50	0.00
2541.22	0.00	689.75	116.72	79.65	1239.57	0.00
2561.22	0.00	689.93	116.77	79.46	1239.65	0.00
2581.22	0.00	690.11	116.81	79.27	1239.72	0.00
2601.22	0.00	690.28	116.86	79.08	1239.80	0.00
2621.22	0.00	690.46	116.91	78.89	1239.87	0.00
2641.22	0.00	690.64	116.95	78.70	1239.94	0.00
2661.22	0.00	690.82	117.00	78.51	1240.02	0.00
2681.22	0.00	691.00	117.04	78.32	1240.09	0.00
2701.22	0.00	691.17	117.09	78.13	1240.16	0.00
2721.22	0.00	691.35	117.14	77.94	1240.23	0.00
2741.22	0.00	691.53	117.18	77.76	1240.31	0.00
2761.22	0.00	691.71	117.23	77.57	1240.38	0.00
2781.22	0.00	691.88	117.27	77.38	1240.45	0.00
2801.22	0.00	692.06	117.32	77.19	1240.52	0.00
2821.22	0.00	692.24	117.36	77.00	1240.59	0.00
2841.22	0.00	692.42	117.41	76.81	1240.66	0.00
2861.22	0.00	692.59	117.45	76.62	1240.73	0.00
2881.22	0.00	692.77	117.49	76.43	1240.80	0.00
2901.22	0.00	692.95	117.54	76.24	1240.87	0.00
2921.22	0.00	693.13	117.58	76.05	1240.94	0.00
2941.22	0.00	693.30	117.63	75.86	1241.01	0.00
2961.22	0.00	693.48	117.67	75.68	1241.08	0.00
2981.22	0.00	693.66	117.71	75.49	1241.15	0.00
3001.22	0.00	693.83	117.76	75.30	1241.22	0.00
3021.22	0.00	693.95	117.80	75.17	1241.28	0.00
3041.22	0.00	694.07	117.84	75.04	1241.35	0.00
3061.22	0.00	694.19	117.89	74.91	1241.42	0.00
3081.22	0.00	694.30	117.93	74.79	1241.49	0.00
3101.22	0.00	694.42	117.97	74.66	1241.56	0.00
3121.22	0.00	694.54	118.02	74.53	1241.62	0.00
3141.22	0.00	694.66	118.06	74.40	1241.69	0.00
3161.22	0.00	694.77	118.10	74.27	1241.76	0.00
3181.22	0.00	694.89	118.14	74.14	1241.83	0.00
3201.22	0.00	695.01	118.19	74.02	1241.90	0.00
3221.22	0.00	695.12	118.23	73.89	1241.97	0.00
3241.22	0.00	695.24	118.27	73.76	1242.03	0.00
3261.22	0.00	695.36	118.31	73.63	1242.10	0.00
3281.22	0.00	695.48	118.35	73.50	1242.17	0.00
3301.22	0.00	695.59	118.40	73.38	1242.24	0.00
3321.22	0.00	695.71	118.44	73.25	1242.31	0.00
3341.22	0.00	695.83	118.48	73.12	1242.38	0.00
3361.22	0.00	695.94	118.52	72.99	1242.44	0.00
3381.22	0.00	696.06	118.56	72.86	1242.51	0.00
3401.22	0.00	696.18	118.60	72.74	1242.58	0.00
3421.22	0.00	696.30	118.64	72.61	1242.65	0.00
3441.22	0.00	696.41	118.68	72.48	1242.71	0.00

3461.22	0.00	696.53	118.72	72.35	1242.78	0.00
3481.22	0.00	696.65	118.76	72.23	1242.85	0.00
3501.22	0.00	696.76	118.80	72.10	1242.92	0.00
3521.22	0.00	696.88	118.84	71.97	1242.98	0.00
3541.22	0.00	697.00	118.89	71.84	1243.05	0.00
3561.22	0.00	697.11	118.92	71.72	1243.12	0.00
3581.22	0.00	697.23	118.96	71.59	1243.19	0.00
3601.22	0.00	697.35	119.00	71.46	1243.25	0.00
3621.22	0.00	697.46	119.04	71.34	1243.32	0.00
3641.22	0.00	697.58	119.08	71.21	1243.38	0.00
3661.22	0.00	697.70	119.12	71.08	1243.45	0.00
3681.22	0.00	697.81	119.16	70.95	1243.52	0.00
3701.22	0.00	697.93	119.20	70.83	1243.58	0.00
3721.22	0.00	698.05	119.24	70.70	1243.65	0.00
3741.22	0.00	698.17	119.28	70.57	1243.71	0.00
3761.22	0.00	698.28	119.32	70.45	1243.78	0.00
3781.22	0.00	698.40	119.36	70.32	1243.85	0.00
3801.22	0.00	698.52	119.40	70.19	1243.91	0.00
3821.22	0.00	698.63	119.43	70.06	1243.98	0.00
3841.22	0.00	698.75	119.47	69.94	1244.04	0.00
3861.22	0.00	698.87	119.51	69.81	1244.10	0.00
3881.22	0.00	698.98	119.55	69.68	1244.17	0.00
3901.22	0.00	699.10	119.59	69.56	1244.23	0.00
3921.22	0.00	699.22	119.63	69.43	1244.30	0.00
3941.22	0.00	699.33	119.66	69.30	1244.36	0.00
3961.22	0.00	699.45	119.70	69.18	1244.42	0.00
3981.22	0.00	699.57	119.74	69.05	1244.49	0.00
4001.22	0.00	699.68	119.78	68.92	1244.55	0.00
4021.22	0.00	699.76	119.81	68.84	1244.61	0.00
4041.22	0.00	699.84	119.85	68.75	1244.68	0.00
4061.22	0.00	699.92	119.89	68.66	1244.74	0.00
4081.22	0.00	700.00	119.92	68.57	1244.80	0.00
4101.22	0.00	700.07	119.96	68.48	1244.87	0.00
4121.22	0.00	700.15	120.00	68.40	1244.93	0.00
4141.22	0.00	700.23	120.03	68.31	1244.99	0.00
4161.22	0.00	700.31	120.07	68.22	1245.06	0.00
4181.22	0.00	700.39	120.11	68.13	1245.12	0.00
4201.22	0.00	700.46	120.14	68.05	1245.18	0.00
4221.22	0.00	700.54	120.18	67.96	1245.25	0.00
4241.22	0.00	700.62	120.22	67.87	1245.31	0.00
4261.22	0.00	700.70	120.25	67.78	1245.38	0.00
4281.22	0.00	700.78	120.29	67.70	1245.44	0.00
4301.22	0.00	700.85	120.32	67.61	1245.50	0.00
4321.22	0.00	700.93	120.36	67.52	1245.57	0.00
4341.22	0.00	701.01	120.40	67.43	1245.63	0.00
4361.22	0.00	701.09	120.43	67.35	1245.69	0.00
4381.22	0.00	701.17	120.47	67.26	1245.76	0.00
4401.22	0.00	701.25	120.50	67.17	1245.82	0.00
4421.22	0.00	701.32	120.54	67.08	1245.88	0.00
4441.22	0.00	701.40	120.57	67.00	1245.94	0.00
4461.22	0.00	701.48	120.61	66.91	1246.01	0.00

4481.22	0.00	701.56	120.64	66.82	1246.07	0.00
4501.22	0.00	701.64	120.68	66.73	1246.13	0.00
4521.22	0.00	701.71	120.71	66.65	1246.20	0.00
4541.22	0.00	701.79	120.75	66.56	1246.26	0.00
4561.22	0.00	701.87	120.78	66.47	1246.32	0.00
4581.22	0.00	701.95	120.82	66.38	1246.38	0.00
4601.22	0.00	702.03	120.85	66.30	1246.45	0.00
4621.22	0.00	702.10	120.89	66.21	1246.51	0.00
4641.22	0.00	702.18	120.92	66.12	1246.57	0.00
4661.22	0.00	702.26	120.95	66.04	1246.63	0.00
4681.22	0.00	702.34	120.99	65.95	1246.70	0.00
4701.22	0.00	702.42	121.02	65.86	1246.76	0.00
4721.22	0.00	702.49	121.06	65.77	1246.82	0.00
4741.22	0.00	702.57	121.09	65.69	1246.88	0.00
4761.22	0.00	702.65	121.12	65.60	1246.94	0.00
4781.22	0.00	702.73	121.16	65.51	1247.01	0.00
4801.22	0.00	702.81	121.19	65.43	1247.07	0.00
4821.22	0.00	702.89	121.22	65.34	1247.13	0.00
4841.22	0.00	702.96	121.26	65.25	1247.19	0.00
4861.22	0.00	703.04	121.29	65.17	1247.25	0.00
4881.22	0.00	703.12	121.32	65.08	1247.31	0.00
4901.22	0.00	703.20	121.36	64.99	1247.37	0.00
4921.22	0.00	703.28	121.39	64.91	1247.43	0.00
4941.22	0.00	703.35	121.42	64.82	1247.50	0.00
4961.22	0.00	703.43	121.45	64.73	1247.56	0.00
4981.22	0.00	703.51	121.49	64.64	1247.62	0.00
5001.22	0.00	703.59	121.52	64.56	1247.68	0.00
5021.22	0.00	703.64	121.55	64.50	1247.74	0.00
5041.22	0.00	703.70	121.59	64.43	1247.80	0.00
5061.22	0.00	703.75	121.62	64.37	1247.86	0.00
5081.22	0.00	703.80	121.65	64.31	1247.92	0.00
5101.22	0.00	703.86	121.68	64.25	1247.98	0.00
5121.22	0.00	703.91	121.71	64.18	1248.04	0.00
5141.22	0.00	703.97	121.75	64.12	1248.10	0.00
5161.22	0.00	704.02	121.78	64.06	1248.16	0.00
5181.22	0.00	704.07	121.81	63.99	1248.22	0.00
5201.22	0.00	704.13	121.84	63.93	1248.28	0.00
5221.22	0.00	704.18	121.87	63.87	1248.34	0.00
5241.22	0.00	704.24	121.90	63.81	1248.40	0.00
5261.22	0.00	704.29	121.94	63.74	1248.47	0.00
5281.22	0.00	704.34	121.97	63.68	1248.53	0.00
5301.22	0.00	704.40	122.00	63.62	1248.59	0.00
5321.22	0.00	704.45	122.03	63.56	1248.65	0.00
5341.22	0.00	704.51	122.06	63.50	1248.71	0.00
5361.22	0.00	704.56	122.09	63.43	1248.77	0.00
5381.22	0.00	704.62	122.12	63.37	1248.83	0.00
5400.02	0.00	799.73	122.04	62.88	1248.89	0.00
5401.02	0.00	383.43	142.39	1.37	1248.83	0.00
5501.12	0.00	822.03	167.63	31.13	1247.94	0.00
5601.12	0.00	822.24	168.02	30.91	1247.32	0.00
5701.12	0.00	822.42	168.42	30.70	1246.77	0.00

5801.12	0.00	822.60	168.81	30.49	1246.26	0.00
5901.12	0.00	822.77	169.21	30.28	1245.79	0.00
6001.12	0.00	822.94	169.59	30.07	1245.35	0.00
6101.12	0.00	823.05	169.98	29.94	1244.94	0.00
6201.12	0.00	823.14	170.36	29.81	1244.55	0.00
6301.12	0.00	823.23	170.73	29.68	1244.18	0.00
6401.12	0.00	823.33	171.10	29.54	1243.83	0.00
6501.12	0.00	823.42	171.46	29.41	1243.50	0.00
6601.12	0.00	823.52	171.82	29.27	1243.18	0.00
6701.12	0.00	823.62	172.18	29.13	1242.87	0.00
6801.12	0.00	823.72	172.53	28.99	1242.57	0.00
6901.12	0.00	823.82	172.87	28.85	1242.28	0.00
7001.12	0.00	823.92	173.21	28.71	1242.01	0.00
7101.12	0.00	823.97	173.55	28.62	1241.73	0.00
7201.12	0.00	824.02	173.88	28.53	1241.47	0.00
7301.12	0.00	824.07	174.20	28.44	1241.22	0.00
7401.12	0.00	824.13	174.52	28.35	1240.98	0.00
7501.12	0.00	824.18	174.83	28.26	1240.74	0.00
7601.12	0.00	824.27	175.01	28.14	1240.51	0.00
7701.12	0.00	824.37	175.18	28.03	1240.28	0.00
7801.12	0.00	824.46	175.35	27.91	1240.06	0.00
7901.12	0.00	824.56	175.52	27.79	1239.85	0.00
8001.12	0.00	824.66	175.69	27.67	1239.64	0.00
8101.12	0.00	824.73	175.85	27.58	1239.43	0.00
8201.12	0.00	824.80	176.01	27.49	1239.23	0.00
8301.12	0.00	824.88	176.17	27.39	1239.04	0.00
8401.12	0.00	824.95	176.33	27.30	1238.85	0.00
8501.12	0.00	825.03	176.48	27.20	1238.66	0.00
8601.12	0.00	825.11	176.63	27.11	1238.48	0.00
8701.12	0.00	825.18	176.78	27.01	1238.30	0.00
8801.12	0.00	825.26	176.93	26.91	1238.13	0.00
8901.12	0.00	825.34	177.07	26.81	1237.96	0.00
9001.12	0.00	825.43	177.22	26.71	1237.79	0.00
9101.12	0.00	825.49	177.35	26.63	1237.62	0.00
9201.12	0.00	825.55	177.49	26.55	1237.46	0.00
9301.12	0.00	825.61	177.63	26.47	1237.31	0.00
9401.12	0.00	825.68	177.76	26.39	1237.15	0.00
9501.12	0.00	825.74	177.89	26.31	1237.00	0.00
9601.12	0.00	825.81	178.02	26.23	1236.86	0.00
9701.12	0.00	825.88	178.15	26.14	1236.71	0.00
9801.12	0.00	825.94	178.27	26.06	1236.57	0.00
9901.12	0.00	826.01	178.40	25.97	1236.43	0.00
10001.10	0.00	826.08	178.52	25.89	1236.29	0.00
10101.10	0.00	826.11	178.63	25.85	1236.16	0.00
10201.10	0.00	826.14	178.75	25.80	1236.03	0.00
10301.10	0.00	826.17	178.87	25.76	1235.90	0.00
10401.10	0.00	826.20	178.98	25.72	1235.78	0.00
10501.10	0.00	826.23	179.09	25.67	1235.66	0.00
10601.10	0.00	826.26	179.20	25.63	1235.54	0.00
10701.10	0.00	826.29	179.31	25.58	1235.43	0.00
10801.10	0.00	826.33	179.42	25.54	1235.32	0.00

10901.10	0.00	826.36	179.53	25.49	1235.21	0.00
11001.10	0.00	826.39	179.63	25.44	1235.10	0.00
11101.10	0.00	826.43	179.73	25.39	1235.00	0.00
11201.10	0.00	826.46	179.83	25.35	1234.90	0.00
11301.10	0.00	826.50	179.93	25.30	1234.80	0.00
11401.10	0.00	826.54	180.03	25.25	1234.70	0.00
11501.10	0.00	826.58	180.13	25.20	1234.60	0.00
11601.10	0.00	826.62	180.23	25.15	1234.51	0.00
11701.10	0.00	826.65	180.32	25.09	1234.42	0.00
11801.10	0.00	826.69	180.41	25.04	1234.33	0.00
11901.10	0.00	826.73	180.50	24.99	1234.24	0.00
12001.10	0.00	826.78	180.59	24.94	1234.15	0.00
12101.10	0.00	826.87	180.43	24.85	1234.07	0.00
12201.10	0.00	826.99	180.22	24.75	1233.98	0.00
12301.10	0.00	827.11	180.02	24.65	1233.90	0.00
12401.10	0.00	827.23	179.82	24.56	1233.81	0.00
12501.10	0.00	827.35	179.62	24.46	1233.73	0.00
12601.10	0.00	827.47	179.42	24.36	1233.64	0.00
12701.10	0.00	827.59	179.23	24.26	1233.56	0.00
12801.10	0.00	827.70	179.04	24.17	1233.47	0.00
12901.10	0.00	835.92	178.90	15.81	1233.22	0.00
13001.10	0.00	836.04	178.66	15.73	1232.86	0.00
13101.10	0.00	836.14	178.42	15.65	1232.51	0.00
13201.10	0.00	836.24	178.19	15.58	1232.19	0.00
13301.10	0.00	836.34	177.96	15.50	1231.88	0.00
13401.10	0.00	836.44	177.74	15.43	1231.58	0.00
13501.10	0.00	836.53	177.52	15.36	1231.28	0.00
13601.10	0.00	836.62	177.31	15.29	1231.00	0.00
13701.10	0.00	836.72	177.09	15.22	1230.73	0.00
13801.10	0.00	836.81	176.88	15.16	1230.46	0.00
13901.10	0.00	836.90	176.68	15.09	1230.19	0.00
14001.10	0.00	836.99	176.47	15.02	1229.93	0.00
14101.10	0.00	837.07	176.27	14.95	1229.68	0.00
14201.10	0.00	837.16	176.07	14.88	1229.43	0.00
14301.10	0.00	837.25	175.88	14.81	1229.18	0.00
14401.10	0.00	837.34	175.68	14.74	1228.94	0.00
14501.10	0.00	837.43	175.49	14.67	1228.69	0.00
14601.10	0.00	837.51	175.30	14.60	1228.46	0.00
14701.10	0.00	837.60	175.11	14.54	1228.22	0.00
14801.10	0.00	837.68	174.93	14.47	1227.99	0.00
14901.10	0.00	837.77	174.74	14.40	1227.76	0.00
15001.10	0.00	837.85	174.56	14.33	1227.53	0.00
15101.10	0.00	837.94	174.38	14.26	1227.30	0.00
15201.10	0.00	838.02	174.20	14.19	1227.07	0.00
15301.10	0.00	838.11	174.03	14.13	1226.85	0.00
15401.10	0.00	838.19	173.85	14.06	1226.63	0.00
15501.10	0.00	838.28	173.68	13.99	1226.41	0.00
15601.10	0.00	838.36	173.51	13.92	1226.19	0.00
15701.10	0.00	838.45	173.34	13.85	1225.97	0.00
15801.10	0.00	838.53	173.17	13.79	1225.76	0.00
15901.10	0.00	838.61	173.01	13.72	1225.54	0.00

16001.10	0.00	838.70	172.84	13.65	1225.33	0.00
16101.10	0.00	838.78	172.68	13.58	1225.12	0.00
16201.10	0.00	838.86	172.52	13.51	1224.91	0.00
16301.10	0.00	838.94	172.36	13.45	1224.70	0.00
16401.10	0.00	839.02	172.20	13.38	1224.49	0.00
16501.10	0.00	839.11	172.04	13.31	1224.29	0.00
16601.10	0.00	839.19	171.89	13.24	1224.08	0.00
16701.10	0.00	839.27	171.74	13.17	1223.88	0.00
16801.10	0.00	839.35	171.58	13.11	1223.67	0.00
16901.10	0.00	839.43	171.43	13.04	1223.47	0.00
17001.10	0.00	839.51	171.28	12.97	1223.27	0.00
17101.10	0.00	839.59	171.13	12.90	1223.07	0.00
17201.10	0.00	839.67	170.99	12.84	1222.87	0.00
17301.10	0.00	839.75	170.84	12.77	1222.67	0.00
17401.10	0.00	839.83	170.70	12.70	1222.47	0.00
17501.10	0.00	839.91	170.55	12.63	1222.28	0.00
17601.10	0.00	839.99	170.41	12.57	1222.08	0.00
17701.10	0.00	840.07	170.27	12.50	1221.89	0.00
17801.10	0.00	840.15	170.13	12.43	1221.69	0.00
17901.10	0.00	840.23	169.99	12.36	1221.50	0.00
18001.10	0.00	840.31	169.85	12.30	1221.31	0.00
18101.10	0.00	840.39	169.72	12.23	1221.11	0.00
18201.10	0.00	840.47	169.58	12.16	1220.92	0.00
18301.10	0.00	840.55	169.45	12.09	1220.73	0.00
18401.10	0.00	840.62	169.32	12.03	1220.54	0.00
18501.10	0.00	840.70	169.19	11.96	1220.35	0.00
18601.10	0.00	840.78	169.05	11.89	1220.16	0.00
18701.10	0.00	840.86	168.93	11.83	1219.97	0.00
18801.10	0.00	840.94	168.80	11.76	1219.79	0.00
18901.10	0.00	841.01	168.67	11.69	1219.60	0.00
19001.10	0.00	841.09	168.54	11.63	1219.41	0.00
19101.10	0.00	841.17	168.42	11.56	1219.23	0.00
19201.10	0.00	841.24	168.29	11.49	1219.04	0.00
19301.10	0.00	841.32	168.17	11.43	1218.86	0.00
19401.10	0.00	841.40	168.05	11.36	1218.67	0.00
19501.10	0.00	841.47	167.92	11.29	1218.49	0.00
19601.10	0.00	841.55	167.80	11.23	1218.31	0.00
19701.10	0.00	841.63	167.68	11.16	1218.12	0.00
19801.10	0.00	841.70	167.56	11.10	1217.94	0.00
19901.10	0.00	841.78	167.45	11.03	1217.76	0.00
20001.10	0.00	841.85	167.33	10.96	1217.58	0.00
20101.10	0.00	841.90	167.21	10.93	1217.40	0.00
20201.10	0.00	841.95	167.10	10.89	1217.22	0.00
20301.10	0.00	841.99	166.98	10.86	1217.04	0.00
20401.10	0.00	842.04	166.87	10.82	1216.86	0.00
20501.10	0.00	842.08	166.76	10.79	1216.69	0.00
20601.10	0.00	842.13	166.64	10.75	1216.52	0.00
20701.10	0.00	842.17	166.53	10.72	1216.34	0.00
20801.10	0.00	842.22	166.42	10.68	1216.17	0.00
20901.10	0.00	842.26	166.31	10.65	1216.00	0.00
21001.10	0.00	842.30	166.21	10.61	1215.83	0.00

21101.10	0.00	842.35	166.10	10.57	1215.66	0.00
21201.10	0.00	842.39	165.99	10.54	1215.50	0.00
21301.10	0.00	842.44	165.89	10.50	1215.33	0.00
21401.10	0.00	842.48	165.78	10.47	1215.17	0.00
21501.10	0.00	842.53	165.68	10.43	1215.00	0.00
21601.10	0.00	842.57	165.58	10.40	1214.84	0.00
21701.10	0.00	842.61	165.48	10.36	1214.68	0.00
21801.10	0.00	842.66	165.37	10.32	1214.51	0.00
21901.10	0.00	842.70	165.27	10.29	1214.35	0.00
22001.10	0.00	842.75	165.17	10.25	1214.19	0.00
22101.10	0.00	842.79	165.08	10.22	1214.03	0.00
22201.10	0.00	842.83	164.98	10.18	1213.88	0.00
22301.10	0.00	842.88	164.88	10.15	1213.72	0.00
22401.10	0.00	842.92	164.78	10.11	1213.56	0.00
22501.10	0.00	842.97	164.69	10.07	1213.40	0.00
22601.10	0.00	843.01	164.59	10.04	1213.25	0.00
22701.10	0.00	843.05	164.50	10.00	1213.09	0.00
22801.10	0.00	843.10	164.40	9.97	1212.94	0.00
22901.10	0.00	843.14	164.31	9.93	1212.79	0.00
23001.10	0.00	843.18	164.22	9.89	1212.64	0.00
23101.10	0.00	843.23	164.13	9.86	1212.48	0.00
23201.10	0.00	843.27	164.04	9.82	1212.33	0.00
23301.10	0.00	843.31	163.95	9.79	1212.18	0.00
23401.10	0.00	843.36	163.86	9.75	1212.03	0.00
23501.10	0.00	843.40	163.77	9.71	1211.88	0.00
23601.10	0.00	843.44	163.68	9.68	1211.73	0.00
23701.10	0.00	843.49	163.59	9.64	1211.59	0.00
23801.10	0.00	843.53	163.50	9.61	1211.44	0.00
23901.10	0.00	843.57	163.42	9.57	1211.29	0.00
24001.10	0.00	843.61	163.33	9.53	1211.15	0.00
24101.10	0.00	843.66	163.25	9.50	1211.00	0.00
24201.10	0.00	843.70	163.16	9.46	1210.86	0.00
24301.10	0.00	843.74	163.08	9.42	1210.71	0.00
24401.10	0.00	843.78	163.00	9.39	1210.57	0.00
24501.10	0.00	843.83	162.91	9.35	1210.43	0.00
24601.10	0.00	843.87	162.83	9.32	1210.28	0.00
24701.10	0.00	843.91	162.75	9.28	1210.14	0.00
24801.10	0.00	843.96	162.67	9.24	1210.00	0.00
24901.10	0.00	844.00	162.59	9.21	1209.86	0.00
25001.10	0.00	844.04	162.51	9.17	1209.72	0.00
25101.10	0.00	844.08	162.43	9.13	1209.58	0.00
25201.10	0.00	844.13	162.35	9.10	1209.44	0.00
25301.10	0.00	844.17	162.27	9.06	1209.30	0.00
25401.10	0.00	844.21	162.19	9.02	1209.16	0.00
25501.10	0.00	844.25	162.11	8.99	1209.02	0.00
25601.10	0.00	844.29	162.04	8.95	1208.88	0.00
25701.10	0.00	844.34	161.96	8.91	1208.75	0.00
25801.10	0.00	844.38	161.88	8.88	1208.61	0.00
25901.10	0.00	844.42	161.81	8.84	1208.47	0.00
26001.10	0.00	844.46	161.73	8.81	1208.34	0.00
26101.10	0.00	844.51	161.66	8.77	1208.20	0.00

26201.10	0.00	844.55	161.58	8.73	1208.07	0.00
26301.10	0.00	844.59	161.51	8.70	1207.93	0.00
26401.10	0.00	844.63	161.43	8.66	1207.80	0.00
26501.10	0.00	844.67	161.36	8.62	1207.66	0.00
26601.10	0.00	844.72	161.29	8.59	1207.53	0.00
26701.10	0.00	844.76	161.22	8.55	1207.40	0.00
26801.10	0.00	844.80	161.14	8.51	1207.26	0.00
26901.10	0.00	844.84	161.07	8.48	1207.13	0.00
27001.10	0.00	844.88	161.00	8.44	1207.00	0.00
27101.10	0.00	844.93	160.93	8.40	1206.87	0.00
27201.10	0.00	844.97	160.86	8.37	1206.74	0.00
27301.10	0.00	845.01	160.79	8.33	1206.61	0.00
27401.10	0.00	845.05	160.72	8.29	1206.47	0.00
27501.10	0.00	845.09	160.65	8.26	1206.34	0.00
27601.10	0.00	845.13	160.58	8.22	1206.21	0.00
27701.10	0.00	845.17	160.52	8.18	1206.08	0.00
27801.10	0.00	845.22	160.45	8.15	1205.95	0.00
27901.10	0.00	845.26	160.38	8.11	1205.83	0.00
28001.10	0.00	845.30	160.31	8.08	1205.70	0.00
28101.10	0.00	845.34	160.25	8.04	1205.57	0.00
28201.10	0.00	845.38	160.18	8.00	1205.44	0.00
28301.10	0.00	845.42	160.12	7.97	1205.31	0.00
28401.10	0.00	845.46	160.05	7.93	1205.18	0.00
28501.10	0.00	845.51	159.98	7.89	1205.06	0.00
28601.10	0.00	845.55	159.92	7.86	1204.93	0.00
28701.10	0.00	845.59	159.86	7.82	1204.80	0.00
28801.10	0.00	845.63	159.79	7.78	1204.68	0.00
28901.10	0.00	845.67	159.73	7.75	1204.55	0.00
29001.10	0.00	845.71	159.66	7.71	1204.42	0.00
29101.10	0.00	845.75	159.60	7.67	1204.30	0.00
29201.10	0.00	845.79	159.54	7.64	1204.17	0.00
29301.10	0.00	845.83	159.47	7.60	1204.05	0.00
29401.10	0.00	845.87	159.41	7.56	1203.92	0.00
29501.10	0.00	845.92	159.35	7.53	1203.80	0.00
29601.10	0.00	845.96	159.29	7.49	1203.67	0.00
29701.10	0.00	846.00	159.23	7.45	1203.55	0.00
29801.10	0.00	846.04	159.17	7.42	1203.43	0.00
29901.10	0.00	846.08	159.11	7.38	1203.30	0.00
30001.10	0.00	846.12	159.04	7.34	1203.18	0.00
30101.10	0.00	846.14	158.98	7.32	1203.06	0.00
30201.10	0.00	846.17	158.92	7.30	1202.93	0.00
30301.10	0.00	846.19	158.86	7.28	1202.81	0.00
30401.10	0.00	846.22	158.81	7.26	1202.69	0.00
30501.10	0.00	846.24	158.75	7.24	1202.57	0.00
30601.10	0.00	846.27	158.69	7.22	1202.45	0.00
30701.10	0.00	846.29	158.63	7.20	1202.34	0.00
30801.10	0.00	846.32	158.57	7.18	1202.22	0.00
30901.10	0.00	846.34	158.52	7.16	1202.10	0.00
31001.10	0.00	846.36	158.46	7.14	1201.98	0.00
31101.10	0.00	846.39	158.40	7.12	1201.87	0.00
31201.10	0.00	846.41	158.35	7.10	1201.75	0.00

31301.10	0.00	846.44	158.29	7.08	1201.64	0.00
31401.10	0.00	846.46	158.23	7.06	1201.52	0.00
31501.10	0.00	846.49	158.18	7.04	1201.41	0.00
31601.10	0.00	846.51	158.12	7.02	1201.30	0.00
31701.10	0.00	846.54	158.07	7.00	1201.18	0.00
31801.10	0.00	846.56	158.01	6.98	1201.07	0.00
31901.10	0.00	846.59	157.96	6.96	1200.96	0.00
32001.10	0.00	846.61	157.91	6.94	1200.85	0.00
32101.10	0.00	846.63	157.85	6.92	1200.74	0.00
32201.10	0.00	846.66	157.80	6.90	1200.63	0.00
32301.10	0.00	846.68	157.75	6.87	1200.52	0.00
32401.10	0.00	846.71	157.69	6.85	1200.41	0.00
32501.10	0.00	846.73	157.64	6.83	1200.30	0.00
32601.10	0.00	846.76	157.59	6.81	1200.19	0.00
32701.10	0.00	836.36	157.39	6.00	1200.08	0.00
32801.10	0.00	847.75	157.50	6.84	1199.98	0.00
32901.10	0.00	847.28	157.44	6.78	1199.87	0.00
33001.10	0.00	845.16	157.36	6.60	1199.76	0.00
33101.10	0.00	847.76	157.35	6.77	1199.66	0.00
33201.10	0.00	856.76	157.41	7.44	1199.55	0.00
33301.10	0.00	842.94	157.18	6.36	1199.44	0.00
33401.10	0.00	849.77	157.22	6.86	1199.34	0.00
33501.10	0.00	845.05	157.11	6.48	1199.23	0.00
33601.10	0.00	880.81	157.61	6.75	1199.13	0.00
33701.10	0.00	846.61	157.03	6.55	1199.02	0.00
33801.10	0.00	847.05	156.98	6.56	1198.92	0.00
33901.10	0.00	847.08	156.94	6.54	1198.82	0.00
34001.10	0.00	847.10	156.89	6.51	1198.71	0.00
34101.10	0.00	847.13	156.84	6.49	1198.61	0.00
34201.10	0.00	847.15	156.79	6.47	1198.51	0.00
34301.10	0.00	847.18	156.74	6.45	1198.41	0.00
34401.10	0.00	847.20	156.70	6.43	1198.31	0.00
34501.10	0.00	847.23	156.65	6.41	1198.20	0.00
34601.10	0.00	847.25	156.60	6.39	1198.10	0.00
34701.10	0.00	847.28	156.56	6.36	1198.00	0.00
34801.10	0.00	847.30	156.51	6.34	1197.90	0.00
34901.10	0.00	847.33	156.46	6.32	1197.80	0.00
35001.10	0.00	847.35	156.42	6.30	1197.70	0.00
35101.10	0.00	847.38	156.37	6.28	1197.60	0.00
35201.10	0.00	847.40	156.33	6.26	1197.51	0.00
35301.10	0.00	847.43	156.28	6.23	1197.41	0.00
35401.10	0.00	847.45	156.23	6.21	1197.31	0.00
35501.10	0.00	847.47	156.19	6.19	1197.21	0.00
35601.10	0.00	847.50	156.14	6.17	1197.11	0.00
35701.10	0.00	847.52	156.10	6.15	1197.01	0.00
35801.10	0.00	847.55	156.06	6.12	1196.92	0.00
35901.10	0.00	847.57	156.01	6.10	1196.82	0.00
36001.10	0.00	847.60	155.97	6.08	1196.72	0.00
36101.10	0.00	847.62	155.92	6.06	1196.63	0.00
36201.10	0.00	847.65	155.88	6.04	1196.53	0.00
36301.10	0.00	847.67	155.84	6.01	1196.44	0.00

36401.10	0.00	847.70	155.79	5.99	1196.34	0.00
36501.10	0.00	847.72	155.75	5.97	1196.24	0.00
36601.10	0.00	847.75	155.71	5.95	1196.15	0.00
36701.10	0.00	847.77	155.66	5.93	1196.05	0.00
36801.10	0.00	847.80	155.62	5.90	1195.96	0.00
36901.10	0.00	847.82	155.58	5.88	1195.87	0.00
37001.10	0.00	847.85	155.54	5.86	1195.77	0.00
37101.10	0.00	847.87	155.50	5.84	1195.68	0.00
37201.10	0.00	847.90	155.45	5.82	1195.58	0.00
37301.10	0.00	847.92	155.41	5.79	1195.49	0.00
37401.10	0.00	847.95	155.37	5.77	1195.40	0.00
37501.10	0.00	847.97	155.33	5.75	1195.30	0.00
37601.10	0.00	848.00	155.29	5.73	1195.21	0.00
37701.10	0.00	848.02	155.25	5.70	1195.12	0.00
37801.10	0.00	848.05	155.21	5.68	1195.03	0.00
37901.10	0.00	848.07	155.17	5.66	1194.94	0.00
38001.10	0.00	848.10	155.13	5.64	1194.84	0.00
38101.10	0.00	848.12	155.09	5.62	1194.75	0.00
38201.10	0.00	848.15	155.05	5.59	1194.66	0.00
38301.10	0.00	848.17	155.01	5.57	1194.57	0.00
38401.10	0.00	848.19	154.97	5.55	1194.48	0.00
38501.10	0.00	848.22	154.93	5.53	1194.39	0.00
38601.10	0.00	848.25	154.89	5.50	1194.30	0.00
38701.10	0.00	848.27	154.85	5.48	1194.21	0.00
38801.10	0.00	848.29	154.81	5.46	1194.12	0.00
38901.10	0.00	848.32	154.77	5.44	1194.03	0.00
39001.10	0.00	848.34	154.73	5.41	1193.94	0.00
39101.10	0.00	848.37	154.69	5.39	1193.85	0.00
39201.10	0.00	848.39	154.65	5.37	1193.76	0.00
39301.10	0.00	848.42	154.61	5.35	1193.67	0.00
39401.10	0.00	848.44	154.58	5.32	1193.58	0.00
39501.10	0.00	848.47	154.54	5.30	1193.49	0.00
39601.10	0.00	848.49	154.50	5.28	1193.40	0.00
39701.10	0.00	848.52	154.46	5.26	1193.32	0.00
39801.10	0.00	848.54	154.42	5.23	1193.23	0.00
39901.10	0.00	848.57	154.39	5.21	1193.14	0.00
40001.10	0.00	848.59	154.35	5.19	1193.05	0.00
40101.10	0.00	848.61	154.31	5.18	1192.96	0.00
40201.10	0.00	848.62	154.27	5.16	1192.88	0.00
40301.10	0.00	848.64	154.24	5.15	1192.79	0.00
40401.10	0.00	848.65	154.20	5.14	1192.71	0.00
40501.10	0.00	848.67	154.16	5.12	1192.62	0.00
40601.10	0.00	848.69	154.13	5.11	1192.54	0.00
40701.10	0.00	848.70	154.09	5.10	1192.45	0.00
40801.10	0.00	848.72	154.05	5.09	1192.37	0.00
40901.10	0.00	848.73	154.02	5.07	1192.28	0.00
41001.10	0.00	848.75	153.98	5.06	1192.20	0.00
41101.10	0.00	848.76	153.95	5.05	1192.12	0.00
41201.10	0.00	848.78	153.91	5.03	1192.04	0.00
41301.10	0.00	848.79	153.88	5.02	1191.95	0.00
41401.10	0.00	848.81	153.84	5.01	1191.87	0.00

41501.10	0.00	848.82	153.81	4.99	1191.79	0.00
41601.10	0.00	848.84	153.77	4.98	1191.71	0.00
41701.10	0.00	848.85	153.74	4.97	1191.63	0.00
41801.10	0.00	848.87	153.70	4.95	1191.55	0.00
41901.10	0.00	848.89	153.67	4.94	1191.47	0.00
42001.10	0.00	848.90	153.63	4.93	1191.39	0.00
42101.10	0.00	848.92	153.60	4.91	1191.31	0.00
42201.10	0.00	848.93	153.57	4.90	1191.23	0.00
42301.10	0.00	848.95	153.53	4.89	1191.15	0.00
42401.10	0.00	848.96	153.50	4.87	1191.07	0.00
42501.10	0.00	848.98	153.47	4.86	1191.00	0.00
42601.10	0.00	848.99	153.43	4.85	1190.92	0.00
42701.10	0.00	849.01	153.40	4.83	1190.84	0.00
42801.10	0.00	849.03	153.37	4.82	1190.76	0.00
42901.10	0.00	849.04	153.33	4.81	1190.69	0.00
43001.10	0.00	849.06	153.30	4.79	1190.61	0.00
43101.10	0.00	849.07	153.27	4.78	1190.53	0.00
43201.10	0.00	849.09	153.24	4.77	1190.46	0.00
43301.10	0.00	849.11	153.20	4.75	1190.38	0.00
43401.10	0.00	849.12	153.17	4.74	1190.31	0.00
43501.10	0.00	849.14	153.14	4.72	1190.23	0.00
43601.10	0.00	849.15	153.11	4.71	1190.16	0.00
43701.10	0.00	849.17	153.08	4.70	1190.08	0.00
43801.10	0.00	849.18	153.04	4.68	1190.01	0.00
43901.10	0.00	849.20	153.01	4.67	1189.93	0.00
44001.10	0.00	849.22	152.98	4.65	1189.86	0.00
44101.10	0.00	849.23	152.95	4.64	1189.78	0.00
44201.10	0.00	849.25	152.92	4.63	1189.71	0.00
44301.10	0.00	849.26	152.89	4.61	1189.64	0.00
44401.10	0.00	849.28	152.86	4.60	1189.56	0.00
44501.10	0.00	849.30	152.83	4.58	1189.49	0.00
44601.10	0.00	849.31	152.80	4.57	1189.42	0.00
44701.10	0.00	849.33	152.76	4.56	1189.35	0.00
44801.10	0.00	849.34	152.73	4.54	1189.27	0.00
44901.10	0.00	849.36	152.70	4.53	1189.20	0.00
45001.10	0.00	849.38	152.67	4.51	1189.13	0.00
45101.10	0.00	849.39	152.64	4.50	1189.06	0.00
45201.10	0.00	849.41	152.61	4.49	1188.99	0.00
45301.10	0.00	849.42	152.58	4.47	1188.92	0.00
45401.10	0.00	849.44	152.55	4.46	1188.85	0.00
45501.10	0.00	849.46	152.53	4.44	1188.78	0.00
45601.10	0.00	849.47	152.50	4.43	1188.70	0.00
45701.10	0.00	849.49	152.47	4.41	1188.63	0.00
45801.10	0.00	849.50	152.44	4.40	1188.56	0.00
45901.10	0.00	849.52	152.41	4.38	1188.49	0.00
46001.10	0.00	849.54	152.38	4.37	1188.42	0.00
46101.10	0.00	849.55	152.35	4.36	1188.36	0.00
46201.10	0.00	849.57	152.32	4.34	1188.29	0.00
46301.10	0.00	849.58	152.29	4.33	1188.22	0.00
46401.10	0.00	849.60	152.26	4.31	1188.15	0.00
46501.10	0.00	849.62	152.23	4.30	1188.08	0.00

46601.10	0.00	849.63	152.21	4.28	1188.01	0.00
46701.10	0.00	849.65	152.18	4.27	1187.94	0.00
46801.10	0.00	849.67	152.15	4.25	1187.87	0.00
46901.10	0.00	849.68	152.12	4.24	1187.81	0.00
47001.10	0.00	849.70	152.09	4.23	1187.74	0.00
47101.10	0.00	849.72	152.07	4.21	1187.67	0.00
47201.10	0.00	849.73	152.04	4.20	1187.60	0.00
47301.10	0.00	849.75	152.01	4.18	1187.53	0.00
47401.10	0.00	849.76	151.98	4.17	1187.47	0.00
47501.10	0.00	849.78	151.95	4.15	1187.40	0.00
47601.10	0.00	849.80	151.93	4.14	1187.33	0.00
47701.10	0.00	849.81	151.90	4.12	1187.27	0.00
47801.10	0.00	849.83	151.87	4.11	1187.20	0.00
47901.10	0.00	849.85	151.85	4.09	1187.13	0.00
48001.10	0.00	849.86	151.82	4.08	1187.07	0.00
48101.10	0.00	849.88	151.79	4.06	1187.00	0.00
48201.10	0.00	849.89	151.76	4.05	1186.93	0.00
48301.10	0.00	849.91	151.74	4.03	1186.87	0.00
48401.10	0.00	849.93	151.71	4.02	1186.80	0.00
48501.10	0.00	849.94	151.68	4.00	1186.74	0.00
48601.10	0.00	849.96	151.66	3.99	1186.67	0.00
48701.10	0.00	849.98	151.63	3.98	1186.61	0.00
48801.10	0.00	849.99	151.60	3.96	1186.54	0.00
48901.10	0.00	850.01	151.58	3.95	1186.48	0.00
49001.10	0.00	850.03	151.55	3.93	1186.41	0.00
49101.10	0.00	850.04	151.53	3.92	1186.35	0.00
49201.10	0.00	850.06	151.50	3.90	1186.28	0.00
49301.10	0.00	850.08	151.47	3.89	1186.22	0.00
49401.10	0.00	850.09	151.45	3.87	1186.15	0.00
49501.10	0.00	850.11	151.42	3.86	1186.09	0.00
49601.10	0.00	850.12	151.40	3.84	1186.02	0.00
49701.10	0.00	850.14	151.37	3.83	1185.96	0.00
49801.10	0.00	850.16	151.34	3.81	1185.90	0.00
49901.10	0.00	850.17	151.32	3.80	1185.83	0.00
50001.10	0.00	850.19	151.29	3.78	1185.77	0.00
50101.10	0.00	850.20	151.27	3.77	1185.71	0.00
50201.10	0.00	850.21	151.24	3.76	1185.64	0.00
50301.10	0.00	850.22	151.22	3.75	1185.58	0.00
50401.10	0.00	850.23	151.19	3.75	1185.52	0.00
50501.10	0.00	850.24	151.17	3.74	1185.46	0.00
50601.10	0.00	850.25	151.14	3.73	1185.39	0.00
50701.10	0.00	850.26	151.12	3.72	1185.33	0.00
50801.10	0.00	850.27	151.09	3.71	1185.27	0.00
50901.10	0.00	850.28	151.07	3.70	1185.21	0.00
51001.10	0.00	850.30	151.04	3.69	1185.15	0.00
51101.10	0.00	850.31	151.02	3.68	1185.09	0.00
51201.10	0.00	850.32	150.99	3.67	1185.03	0.00
51301.10	0.00	850.33	150.97	3.67	1184.97	0.00
51401.10	0.00	850.34	150.95	3.66	1184.91	0.00
51501.10	0.00	850.35	150.92	3.65	1184.85	0.00
51601.10	0.00	850.36	150.90	3.64	1184.79	0.00

51701.10	0.00	850.37	150.87	3.63	1184.73	0.00
51801.10	0.00	850.38	150.85	3.62	1184.68	0.00
51901.10	0.00	850.39	150.83	3.61	1184.62	0.00
52001.10	0.00	850.40	150.80	3.60	1184.56	0.00
52101.10	0.00	850.41	150.78	3.59	1184.50	0.00
52201.10	0.00	850.42	150.76	3.58	1184.44	0.00
52301.10	0.00	850.43	150.73	3.57	1184.39	0.00
52401.10	0.00	850.44	150.71	3.56	1184.33	0.00
52501.10	0.00	850.45	150.69	3.55	1184.27	0.00
52601.10	0.00	850.47	150.66	3.54	1184.22	0.00
52701.10	0.00	850.48	150.64	3.54	1184.16	0.00
52801.10	0.00	850.49	150.62	3.53	1184.10	0.00
52901.10	0.00	850.50	150.60	3.52	1184.05	0.00
53001.10	0.00	850.51	150.57	3.51	1183.99	0.00
53101.10	0.00	850.52	150.55	3.50	1183.93	0.00
53201.10	0.00	850.53	150.53	3.49	1183.88	0.00
53301.10	0.00	850.54	150.51	3.48	1183.82	0.00
53401.10	0.00	850.55	150.48	3.47	1183.77	0.00
53501.10	0.00	850.56	150.46	3.46	1183.71	0.00
53601.10	0.00	850.57	150.44	3.45	1183.66	0.00
53701.10	0.00	850.59	150.42	3.44	1183.60	0.00
53801.10	0.00	850.60	150.39	3.43	1183.55	0.00
53901.10	0.00	850.61	150.37	3.42	1183.49	0.00
54001.10	0.00	850.62	150.35	3.41	1183.44	0.00
54101.10	0.00	850.63	150.33	3.40	1183.39	0.00
54201.10	0.00	850.64	150.31	3.39	1183.33	0.00
54301.10	0.00	850.65	150.29	3.38	1183.28	0.00
54401.10	0.00	850.66	150.26	3.37	1183.22	0.00
54501.10	0.00	850.67	150.24	3.36	1183.17	0.00
54601.10	0.00	850.68	150.22	3.35	1183.12	0.00
54701.10	0.00	850.70	150.20	3.34	1183.06	0.00
54801.10	0.00	850.71	150.18	3.33	1183.01	0.00
54901.10	0.00	850.72	150.16	3.32	1182.96	0.00
55001.10	0.00	850.73	150.14	3.31	1182.90	0.00
55101.10	0.00	850.74	150.11	3.30	1182.85	0.00
55201.10	0.00	850.75	150.09	3.29	1182.80	0.00
55301.10	0.00	850.76	150.07	3.28	1182.75	0.00
55401.10	0.00	850.77	150.05	3.27	1182.70	0.00
55501.10	0.00	850.78	150.03	3.26	1182.64	0.00
55601.10	0.00	850.80	150.01	3.25	1182.59	0.00
55701.10	0.00	850.81	149.99	3.24	1182.54	0.00
55801.10	0.00	850.82	149.97	3.23	1182.49	0.00
55901.10	0.00	850.83	149.95	3.22	1182.44	0.00
56001.10	0.00	850.84	149.93	3.21	1182.39	0.00
56101.10	0.00	850.85	149.91	3.20	1182.33	0.00
56201.10	0.00	850.86	149.89	3.19	1182.28	0.00
56301.10	0.00	850.87	149.87	3.18	1182.23	0.00
56401.10	0.00	850.89	149.85	3.17	1182.18	0.00
56501.10	0.00	850.90	149.83	3.16	1182.13	0.00
56601.10	0.00	850.91	149.81	3.15	1182.08	0.00
56701.10	0.00	850.92	149.79	3.14	1182.03	0.00

56801.10	0.00	850.93	149.77	3.13	1181.98	0.00
56901.10	0.00	850.94	149.75	3.12	1181.93	0.00
57001.10	0.00	850.95	149.73	3.11	1181.88	0.00
57101.10	0.00	850.96	149.71	3.10	1181.83	0.00
57201.10	0.00	850.98	149.69	3.09	1181.78	0.00
57301.10	0.00	850.99	149.67	3.08	1181.73	0.00
57401.10	0.00	851.00	149.65	3.07	1181.68	0.00
57501.10	0.00	851.01	149.63	3.06	1181.63	0.00
57601.10	0.00	851.02	149.61	3.05	1181.58	0.00
57701.10	0.00	851.03	149.59	3.04	1181.53	0.00
57801.10	0.00	851.04	149.57	3.03	1181.48	0.00
57901.10	0.00	851.06	149.55	3.02	1181.43	0.00
58001.10	0.00	851.07	149.53	3.01	1181.38	0.00
58101.10	0.00	851.08	149.51	3.00	1181.33	0.00
58201.10	0.00	851.09	149.49	2.99	1181.29	0.00
58301.10	0.00	851.10	149.47	2.98	1181.24	0.00
58401.10	0.00	851.11	149.46	2.97	1181.19	0.00
58501.10	0.00	851.12	149.44	2.96	1181.14	0.00
58601.10	0.00	851.14	149.42	2.95	1181.09	0.00
58701.10	0.00	851.15	149.40	2.94	1181.04	0.00
58801.10	0.00	851.16	149.38	2.93	1181.00	0.00
58901.10	0.00	851.17	149.36	2.92	1180.95	0.00
59001.10	0.00	851.18	149.34	2.91	1180.90	0.00
59101.10	0.00	851.19	149.32	2.89	1180.85	0.00
59201.10	0.00	851.20	149.30	2.88	1180.80	0.00
59301.10	0.00	851.22	149.29	2.87	1180.76	0.00
59401.10	0.00	851.23	149.27	2.86	1180.71	0.00
59501.10	0.00	851.24	149.25	2.85	1180.66	0.00
59601.10	0.00	851.25	149.23	2.84	1180.61	0.00
59701.10	0.00	851.26	149.21	2.83	1180.57	0.00
59801.10	0.00	851.27	149.19	2.82	1180.52	0.00
59901.10	0.00	851.29	149.18	2.81	1180.47	0.00
60001.10	0.00	851.30	149.16	2.80	1180.42	0.00
60101.10	0.00	851.30	149.14	2.79	1180.38	0.00
60201.10	0.00	851.31	149.12	2.79	1180.33	0.00
60301.10	0.00	851.32	149.10	2.78	1180.28	0.00
60401.10	0.00	851.33	149.08	2.77	1180.24	0.00
60501.10	0.00	851.33	149.07	2.77	1180.19	0.00
60601.10	0.00	851.34	149.05	2.76	1180.15	0.00
60701.10	0.00	851.35	149.03	2.75	1180.10	0.00
60801.10	0.00	851.36	149.01	2.75	1180.06	0.00
60901.10	0.00	851.37	148.99	2.74	1180.01	0.00
61001.10	0.00	851.37	148.98	2.73	1179.97	0.00
61101.10	0.00	851.38	148.96	2.73	1179.92	0.00
61201.10	0.00	851.39	148.94	2.72	1179.88	0.00
61301.10	0.00	851.40	148.93	2.71	1179.83	0.00
61401.10	0.00	851.40	148.91	2.71	1179.79	0.00
61501.10	0.00	851.41	148.89	2.70	1179.74	0.00
61601.10	0.00	851.42	148.87	2.69	1179.70	0.00
61701.10	0.00	851.43	148.86	2.69	1179.66	0.00
61801.10	0.00	851.44	148.84	2.68	1179.61	0.00

61901.10	0.00	851.44	148.82	2.67	1179.57	0.00
62001.10	0.00	851.45	148.80	2.67	1179.53	0.00
62101.10	0.00	851.46	148.79	2.66	1179.48	0.00
62201.10	0.00	851.47	148.77	2.65	1179.44	0.00
62301.10	0.00	851.47	148.75	2.65	1179.40	0.00
62401.10	0.00	851.48	148.74	2.64	1179.36	0.00
62501.10	0.00	851.49	148.72	2.63	1179.31	0.00
62601.10	0.00	851.50	148.70	2.63	1179.27	0.00
62701.10	0.00	851.51	148.69	2.62	1179.23	0.00
62801.10	0.00	851.51	148.67	2.61	1179.19	0.00
62901.10	0.00	851.52	148.65	2.60	1179.14	0.00
63001.10	0.00	851.53	148.64	2.60	1179.10	0.00
63101.10	0.00	851.54	148.62	2.59	1179.06	0.00
63201.10	0.00	851.55	148.61	2.58	1179.02	0.00
63301.10	0.00	851.55	148.59	2.58	1178.98	0.00
63401.10	0.00	851.56	148.57	2.57	1178.94	0.00
63501.10	0.00	851.57	148.56	2.56	1178.90	0.00
63601.10	0.00	851.58	148.54	2.55	1178.85	0.00
63701.10	0.00	851.59	148.52	2.55	1178.81	0.00
63801.10	0.00	851.59	148.51	2.54	1178.77	0.00
63901.10	0.00	851.60	148.49	2.53	1178.73	0.00
64001.10	0.00	851.61	148.48	2.53	1178.69	0.00
64101.10	0.00	851.62	148.46	2.52	1178.65	0.00
64201.10	0.00	851.63	148.45	2.51	1178.61	0.00
64301.10	0.00	851.63	148.43	2.50	1178.57	0.00
64401.10	0.00	851.64	148.41	2.50	1178.53	0.00
64501.10	0.00	851.65	148.40	2.49	1178.49	0.00
64601.10	0.00	851.66	148.38	2.48	1178.45	0.00
64701.10	0.00	851.67	148.37	2.48	1178.41	0.00
64801.10	0.00	851.67	148.35	2.47	1178.37	0.00
64901.10	0.00	851.68	148.34	2.46	1178.33	0.00
65001.10	0.00	851.69	148.32	2.45	1178.29	0.00
65101.10	0.00	851.70	148.31	2.45	1178.25	0.00
65201.10	0.00	851.71	148.29	2.44	1178.21	0.00
65301.10	0.00	851.72	148.27	2.43	1178.17	0.00
65401.10	0.00	851.72	148.26	2.42	1178.13	0.00
65501.10	0.00	851.73	148.24	2.42	1178.09	0.00
65601.10	0.00	851.74	148.23	2.41	1178.06	0.00
65701.10	0.00	851.75	148.21	2.40	1178.02	0.00
65801.10	0.00	851.76	148.20	2.40	1177.98	0.00
65901.10	0.00	851.77	148.18	2.39	1177.94	0.00
66001.10	0.00	851.77	148.17	2.38	1177.90	0.00
66101.10	0.00	851.78	148.15	2.37	1177.86	0.00
66201.10	0.00	851.79	148.14	2.37	1177.82	0.00
66301.10	0.00	851.80	148.12	2.36	1177.79	0.00
66401.10	0.00	851.81	148.11	2.35	1177.75	0.00
66501.10	0.00	851.81	148.09	2.34	1177.71	0.00
66601.10	0.00	851.82	148.08	2.34	1177.67	0.00
66701.10	0.00	851.83	148.06	2.33	1177.63	0.00
66801.10	0.00	851.84	148.05	2.32	1177.60	0.00
66901.10	0.00	851.85	148.04	2.31	1177.56	0.00

67001.10	0.00	851.86	148.02	2.31	1177.52	0.00
67101.10	0.00	851.87	148.01	2.30	1177.48	0.00
67201.10	0.00	851.87	147.99	2.29	1177.44	0.00
67301.10	0.00	851.88	147.98	2.28	1177.41	0.00
67401.10	0.00	851.89	147.96	2.28	1177.37	0.00
67501.10	0.00	851.90	147.95	2.27	1177.33	0.00
67601.10	0.00	851.91	147.93	2.26	1177.29	0.00
67701.10	0.00	851.91	147.92	2.25	1177.26	0.00
67801.10	0.00	851.92	147.91	2.25	1177.22	0.00
67901.10	0.00	851.93	147.89	2.24	1177.18	0.00
68001.10	0.00	851.94	147.88	2.23	1177.15	0.00
68101.10	0.00	851.95	147.86	2.22	1177.11	0.00
68201.10	0.00	851.96	147.85	2.21	1177.07	0.00
68301.10	0.00	851.96	147.83	2.21	1177.04	0.00
68401.10	0.00	851.97	147.82	2.20	1177.00	0.00
68501.10	0.00	851.98	147.81	2.19	1176.96	0.00
68601.10	0.00	851.99	147.79	2.18	1176.93	0.00
68701.10	0.00	852.00	147.78	2.18	1176.89	0.00
68801.10	0.00	852.01	147.76	2.17	1176.85	0.00
68901.10	0.00	852.02	147.75	2.16	1176.82	0.00
69001.10	0.00	852.02	147.74	2.15	1176.78	0.00
69101.10	0.00	852.03	147.72	2.15	1176.74	0.00
69201.10	0.00	852.04	147.71	2.14	1176.71	0.00
69301.10	0.00	852.05	147.70	2.13	1176.67	0.00
69401.10	0.00	852.06	147.68	2.12	1176.64	0.00
69501.10	0.00	852.07	147.67	2.12	1176.60	0.00
69601.10	0.00	852.07	147.65	2.11	1176.56	0.00
69701.10	0.00	852.08	147.64	2.10	1176.53	0.00
69801.10	0.00	852.09	147.63	2.09	1176.49	0.00
69901.10	0.00	852.10	147.61	2.08	1176.46	0.00
70001.10	0.00	852.11	147.60	2.08	1176.42	0.00
70101.10	0.00	852.11	147.59	2.07	1176.39	0.00
70201.10	0.00	852.12	147.57	2.07	1176.35	0.00
70301.10	0.00	852.13	147.56	2.06	1176.32	0.00
70401.10	0.00	852.13	147.55	2.05	1176.28	0.00
70501.10	0.00	852.14	147.53	2.05	1176.25	0.00
70601.10	0.00	852.15	147.52	2.04	1176.21	0.00
70701.10	0.00	852.15	147.51	2.04	1176.18	0.00
70801.10	0.00	852.16	147.49	2.03	1176.14	0.00
70901.10	0.00	852.16	147.48	2.03	1176.11	0.00
71001.10	0.00	852.17	147.47	2.02	1176.07	0.00
71101.10	0.00	852.18	147.45	2.01	1176.04	0.00
71201.10	0.00	852.18	147.44	2.01	1176.01	0.00
71301.10	0.00	852.19	147.43	2.00	1175.97	0.00
71401.10	0.00	852.20	147.41	2.00	1175.94	0.00
71501.10	0.00	852.20	147.40	1.99	1175.90	0.00
71601.10	0.00	852.21	147.39	1.99	1175.87	0.00
71701.10	0.00	852.22	147.38	1.98	1175.84	0.00
71801.10	0.00	852.22	147.36	1.97	1175.80	0.00
71901.10	0.00	852.23	147.35	1.97	1175.77	0.00
72001.10	0.00	852.24	147.34	1.96	1175.74	0.00

72101.10	0.00	852.24	147.32	1.96	1175.70	0.00
72201.10	0.00	852.25	147.31	1.95	1175.67	0.00
72301.10	0.00	852.26	147.30	1.95	1175.64	0.00
72401.10	0.00	852.26	147.29	1.94	1175.60	0.00
72501.10	0.00	852.27	147.27	1.93	1175.57	0.00
72601.10	0.00	852.28	147.26	1.93	1175.54	0.00
72701.10	0.00	852.28	147.25	1.92	1175.51	0.00
72801.10	0.00	852.29	147.24	1.92	1175.47	0.00
72901.10	0.00	852.29	147.22	1.91	1175.44	0.00
73001.10	0.00	852.30	147.21	1.90	1175.41	0.00
73101.10	0.00	852.31	147.20	1.90	1175.38	0.00
73201.10	0.00	852.31	147.19	1.89	1175.34	0.00
73301.10	0.00	852.32	147.18	1.89	1175.31	0.00
73401.10	0.00	852.33	147.16	1.88	1175.28	0.00
73501.10	0.00	852.33	147.15	1.88	1175.25	0.00
73601.10	0.00	852.34	147.14	1.87	1175.22	0.00
73701.10	0.00	852.35	147.13	1.86	1175.18	0.00
73801.10	0.00	852.35	147.11	1.86	1175.15	0.00
73901.10	0.00	852.36	147.10	1.85	1175.12	0.00
74001.10	0.00	852.37	147.09	1.85	1175.09	0.00
74101.10	0.00	852.37	147.08	1.84	1175.06	0.00
74201.10	0.00	852.38	147.07	1.83	1175.03	0.00
74301.10	0.00	852.39	147.05	1.83	1174.99	0.00
74401.10	0.00	852.39	147.04	1.82	1174.96	0.00
74501.10	0.00	852.40	147.03	1.82	1174.93	0.00
74601.10	0.00	852.41	147.02	1.81	1174.90	0.00
74701.10	0.00	852.41	147.01	1.80	1174.87	0.00
74801.10	0.00	852.42	146.99	1.80	1174.84	0.00
74901.10	0.00	852.43	146.98	1.79	1174.81	0.00
75001.10	0.00	852.43	146.97	1.79	1174.78	0.00
75101.10	0.00	852.44	146.96	1.78	1174.75	0.00
75201.10	0.00	852.45	146.95	1.77	1174.71	0.00
75301.10	0.00	852.45	146.94	1.77	1174.68	0.00
75401.10	0.00	852.46	146.92	1.76	1174.65	0.00
75501.10	0.00	852.47	146.91	1.75	1174.62	0.00
75601.10	0.00	852.47	146.90	1.75	1174.59	0.00
75701.10	0.00	852.48	146.89	1.74	1174.56	0.00
75801.10	0.00	852.49	146.88	1.74	1174.53	0.00
75901.10	0.00	852.49	146.87	1.73	1174.50	0.00
76001.10	0.00	852.50	146.86	1.72	1174.47	0.00
76101.10	0.00	852.51	146.84	1.72	1174.44	0.00
76201.10	0.00	852.51	146.83	1.71	1174.41	0.00
76301.10	0.00	852.52	146.82	1.71	1174.38	0.00
76401.10	0.00	852.53	146.81	1.70	1174.35	0.00
76501.10	0.00	852.53	146.80	1.69	1174.32	0.00
76601.10	0.00	852.54	146.79	1.69	1174.29	0.00
76701.10	0.00	852.55	146.78	1.68	1174.26	0.00
76801.10	0.00	852.56	146.76	1.68	1174.23	0.00
76901.10	0.00	852.56	146.75	1.67	1174.20	0.00
77001.10	0.00	852.57	146.74	1.66	1174.17	0.00
77101.10	0.00	852.58	146.73	1.66	1174.14	0.00

77201.10	0.00	852.58	146.72	1.65	1174.11	0.00
77301.10	0.00	852.59	146.71	1.64	1174.08	0.00
77401.10	0.00	852.60	146.70	1.64	1174.05	0.00
77501.10	0.00	852.60	146.69	1.63	1174.02	0.00
77601.10	0.00	852.61	146.67	1.63	1173.99	0.00
77701.10	0.00	852.62	146.66	1.62	1173.96	0.00
77801.10	0.00	852.62	146.65	1.61	1173.93	0.00
77901.10	0.00	852.63	146.64	1.61	1173.90	0.00
78001.10	0.00	852.64	146.63	1.60	1173.87	0.00
78101.10	0.00	852.64	146.62	1.59	1173.84	0.00
78201.10	0.00	852.65	146.61	1.59	1173.82	0.00
78301.10	0.00	852.66	146.60	1.58	1173.79	0.00
78401.10	0.00	852.67	146.59	1.58	1173.76	0.00
78501.10	0.00	852.67	146.58	1.57	1173.73	0.00
78601.10	0.00	852.68	146.56	1.56	1173.70	0.00
78701.10	0.00	852.68	146.55	1.56	1173.67	0.00
78801.10	0.00	852.69	146.54	1.55	1173.64	0.00
78901.10	0.00	852.70	146.53	1.54	1173.61	0.00
79001.10	0.00	852.71	146.52	1.54	1173.58	0.00
79101.10	0.00	852.71	146.51	1.53	1173.55	0.00
79201.10	0.00	852.72	146.50	1.53	1173.53	0.00
79301.10	0.00	852.73	146.49	1.52	1173.50	0.00
79401.10	0.00	852.73	146.48	1.51	1173.47	0.00
79501.10	0.00	852.74	146.47	1.51	1173.44	0.00
79601.10	0.00	852.75	146.46	1.50	1173.41	0.00
79701.10	0.00	852.75	146.45	1.49	1173.38	0.00
79801.10	0.00	852.76	146.44	1.49	1173.35	0.00
79901.10	0.00	852.77	146.43	1.48	1173.32	0.00
80001.10	0.00	852.77	146.42	1.47	1173.30	0.00
80101.10	0.00	852.78	146.40	1.47	1173.27	0.00
80201.10	0.00	852.78	146.39	1.47	1173.24	0.00
80301.10	0.00	852.79	146.38	1.46	1173.21	0.00
80401.10	0.00	852.79	146.37	1.46	1173.18	0.00
80501.10	0.00	852.80	146.36	1.45	1173.16	0.00
80601.10	0.00	852.81	146.35	1.45	1173.13	0.00
80701.10	0.00	852.81	146.34	1.44	1173.10	0.00
80801.10	0.00	852.82	146.33	1.44	1173.07	0.00
80901.10	0.00	852.82	146.32	1.43	1173.05	0.00
81001.10	0.00	852.83	146.31	1.43	1173.02	0.00
81101.10	0.00	852.83	146.30	1.42	1172.99	0.00
81201.10	0.00	852.84	146.29	1.42	1172.96	0.00
81301.10	0.00	852.84	146.28	1.42	1172.94	0.00
81401.10	0.00	852.85	146.27	1.41	1172.91	0.00
81501.10	0.00	852.85	146.26	1.41	1172.88	0.00
81601.10	0.00	852.86	146.25	1.40	1172.85	0.00
81701.10	0.00	852.86	146.24	1.40	1172.83	0.00
81801.10	0.00	852.87	146.23	1.39	1172.80	0.00
81901.10	0.00	852.87	146.22	1.39	1172.77	0.00
82001.10	0.00	852.88	146.21	1.38	1172.75	0.00
82101.10	0.00	852.88	146.20	1.38	1172.72	0.00
82201.10	0.00	852.89	146.19	1.37	1172.69	0.00

82301.10	0.00	852.89	146.18	1.37	1172.67	0.00
82401.10	0.00	852.90	146.17	1.36	1172.64	0.00
82501.10	0.00	852.90	146.16	1.36	1172.61	0.00
82601.10	0.00	852.91	146.15	1.35	1172.59	0.00
82701.10	0.00	852.91	146.14	1.35	1172.56	0.00
82801.10	0.00	852.92	146.13	1.35	1172.54	0.00
82901.10	0.00	852.92	146.12	1.34	1172.51	0.00
83001.10	0.00	852.93	146.11	1.34	1172.48	0.00
83101.10	0.00	852.93	146.10	1.33	1172.46	0.00
83201.10	0.00	852.94	146.09	1.33	1172.43	0.00
83301.10	0.00	852.94	146.08	1.32	1172.41	0.00
83401.10	0.00	852.95	146.07	1.32	1172.38	0.00
83501.10	0.00	852.96	146.06	1.31	1172.35	0.00
83601.10	0.00	852.96	146.05	1.31	1172.33	0.00
83701.10	0.00	852.97	146.04	1.30	1172.30	0.00
83801.10	0.00	852.97	146.03	1.30	1172.28	0.00
83901.10	0.00	852.98	146.02	1.29	1172.25	0.00
84001.10	0.00	852.98	146.01	1.29	1172.23	0.00
84101.10	0.00	852.99	146.01	1.28	1172.20	0.00
84201.10	0.00	852.99	146.00	1.28	1172.17	0.00
84301.10	0.00	853.00	145.99	1.27	1172.15	0.00
84401.10	0.00	853.00	145.98	1.27	1172.12	0.00
84501.10	0.00	853.01	145.97	1.26	1172.10	0.00
84601.10	0.00	853.01	145.96	1.26	1172.07	0.00
84701.10	0.00	853.02	145.95	1.25	1172.05	0.00
84801.10	0.00	853.03	145.94	1.25	1172.02	0.00
84901.10	0.00	853.03	145.93	1.24	1172.00	0.00
85001.10	0.00	853.04	145.92	1.24	1171.97	0.00
85101.10	0.00	853.04	145.91	1.23	1171.95	0.00
85201.10	0.00	853.05	145.90	1.23	1171.92	0.00
85301.10	0.00	853.05	145.89	1.22	1171.90	0.00
85401.10	0.00	853.06	145.88	1.22	1171.87	0.00
85501.10	0.00	853.06	145.87	1.21	1171.85	0.00
85601.10	0.00	853.07	145.87	1.21	1171.82	0.00
85701.10	0.00	853.07	145.86	1.20	1171.80	0.00
85801.10	0.00	853.08	145.85	1.20	1171.77	0.00
85901.10	0.00	853.08	145.84	1.20	1171.75	0.00
86001.10	0.00	853.09	145.83	1.19	1171.72	0.00
86101.10	0.00	853.10	145.82	1.19	1171.70	0.00
86201.10	0.00	853.10	145.81	1.18	1171.68	0.00
86301.10	0.00	853.11	145.80	1.18	1171.65	0.00
86400.00	0.00	853.11	145.79	1.16	1171.63	0.00

Time (s)	Pressure (Psia)	Vapor Temperature (F)	Liquid Temperature (F)
0.00	15.96	86.00	122.00
0.00	15.96	86.00	122.00
1.02	21.93	159.64	122.00
2.02	26.87	187.34	122.00
3.02	31.03	202.95	122.01
4.02	34.36	213.39	122.03
5.02	37.38	221.76	122.06
6.02	40.22	228.88	122.09
7.02	42.84	234.86	122.13
8.02	45.25	239.92	122.18
9.02	47.46	244.29	122.24
10.02	49.53	248.14	122.31
11.02	51.42	251.48	122.38
12.02	53.15	254.41	122.46
13.02	54.74	257.00	122.55
14.02	56.20	259.29	122.63
15.02	57.51	261.28	122.73
16.02	58.71	263.06	122.83
17.02	59.77	264.57	122.93
18.02	60.70	265.88	123.03
19.02	61.53	267.01	123.14
20.02	62.24	267.97	123.24
21.02	62.84	268.81	123.36
22.02	63.39	269.56	123.47
23.02	63.83	270.16	123.58
24.02	64.16	270.62	123.70
25.02	64.40	270.93	123.82
26.02	64.55	271.13	123.94
27.02	64.64	271.25	124.06
28.02	64.69	271.32	124.18
29.02	64.68	271.29	124.30
30.02	64.59	271.17	124.43
31.02	64.50	271.03	124.55
32.02	64.40	270.89	124.67
33.02	64.29	270.74	124.80
34.02	64.18	270.59	124.92
35.02	64.08	270.45	125.33
36.02	63.99	270.32	125.78
37.02	63.89	270.18	126.21
38.02	63.79	270.04	126.61
39.02	63.69	269.90	126.98
40.02	63.59	269.76	127.33
41.12	63.48	269.60	127.68
42.12	63.37	269.44	127.98
43.12	63.26	269.29	128.25
44.12	63.15	269.13	128.51
45.12	63.03	268.97	128.74
46.12	62.92	268.80	128.95
47.12	62.80	268.63	129.14
48.12	62.67	268.46	129.32

49.12	62.56	268.29	129.50
50.12	62.45	268.14	129.68
51.12	62.34	267.99	129.88
52.12	62.25	267.85	130.07
53.12	62.15	267.71	130.28
54.12	62.07	267.59	130.49
55.12	61.99	267.47	130.70
56.12	61.91	267.36	130.92
57.12	61.84	267.26	131.14
58.12	61.78	267.16	131.36
59.12	61.72	267.08	131.59
60.12	61.66	267.00	131.83
61.12	61.61	266.92	132.06
62.12	61.56	266.84	132.29
63.12	61.51	266.77	132.52
64.12	61.45	266.69	132.74
65.12	61.40	266.62	132.95
66.12	61.35	266.54	133.16
67.12	61.30	266.47	133.37
68.12	61.25	266.39	133.57
69.12	61.20	266.32	133.76
70.12	61.15	266.24	133.94
71.12	61.09	266.16	134.12
72.12	61.04	266.09	134.29
73.12	60.99	266.01	134.45
74.12	60.94	265.94	134.61
75.12	60.90	265.87	134.76
76.12	60.85	265.81	134.90
77.12	60.81	265.75	135.04
78.12	60.78	265.69	135.17
79.12	60.74	265.64	135.30
80.12	60.71	265.60	135.42
81.12	60.68	265.55	135.54
82.12	60.66	265.52	135.64
83.12	60.63	265.48	135.75
84.12	60.61	265.45	135.84
85.12	60.59	265.42	135.93
86.12	60.58	265.40	136.01
87.12	60.56	265.37	136.10
88.12	60.54	265.35	136.18
89.12	60.53	265.33	136.27
90.12	60.51	265.30	136.35
91.12	60.50	265.28	136.43
92.12	60.48	265.26	136.52
93.12	60.46	265.23	136.60
94.12	60.45	265.21	136.69
95.12	60.43	265.19	136.77
96.12	60.42	265.16	136.85
97.12	60.40	265.14	136.94
98.12	60.39	265.12	137.02
99.12	60.37	265.10	137.10

100.12	60.36	265.08	137.19
101.12	60.35	265.06	137.27
102.12	60.33	265.04	137.35
103.12	60.32	265.02	137.43
104.12	60.31	265.00	137.51
105.12	60.30	264.99	137.59
106.12	60.29	264.97	137.67
107.12	60.28	264.96	137.75
108.12	60.27	264.94	137.83
109.12	60.26	264.93	137.91
110.12	60.25	264.92	137.98
111.12	60.24	264.91	138.06
112.12	60.24	264.89	138.14
113.12	60.23	264.88	138.21
114.12	60.22	264.87	138.29
115.12	60.21	264.86	138.36
116.12	60.21	264.85	138.44
117.12	60.20	264.84	138.51
118.12	60.19	264.83	138.59
119.12	60.18	264.81	138.66
120.12	60.18	264.80	138.73
121.12	60.17	264.79	138.80
122.12	60.16	264.78	138.88
123.12	60.15	264.77	138.95
124.12	60.15	264.76	139.02
125.12	60.14	264.75	139.09
126.12	60.13	264.74	139.16
127.12	60.13	264.73	139.22
128.12	60.12	264.72	139.29
129.12	60.12	264.71	139.36
130.12	60.11	264.70	139.42
131.12	60.10	264.69	139.49
132.12	60.10	264.69	139.55
133.12	60.09	264.68	139.62
134.12	60.08	264.67	139.68
135.12	60.08	264.66	139.74
136.12	60.07	264.65	139.80
137.12	60.07	264.64	139.87
138.12	60.06	264.63	139.93
139.12	60.06	264.63	139.99
140.12	60.05	264.62	140.05
141.12	60.05	264.61	140.11
142.12	60.04	264.61	140.17
143.12	60.04	264.60	140.23
144.12	60.04	264.60	140.29
145.12	60.03	264.59	140.35
146.12	60.03	264.59	140.42
147.12	60.03	264.58	140.48
148.12	60.02	264.58	140.54
149.12	60.02	264.58	140.60
150.12	60.02	264.57	140.66

151.12	60.02	264.57	140.72
152.12	60.02	264.57	140.78
153.12	60.02	264.57	140.84
154.12	60.02	264.58	140.90
155.12	60.02	264.58	140.96
156.12	60.03	264.58	141.02
157.12	60.03	264.59	141.08
158.12	60.03	264.59	141.14
159.12	60.04	264.60	141.20
160.12	60.04	264.61	141.26
161.12	60.05	264.61	141.32
162.12	60.05	264.62	141.38
163.12	60.06	264.63	141.44
164.12	60.07	264.64	141.50
165.12	60.07	264.65	141.56
166.12	60.08	264.67	141.62
167.12	60.09	264.68	141.69
168.12	60.10	264.69	141.75
169.12	60.11	264.71	141.81
170.12	60.12	264.72	141.87
171.12	60.13	264.74	141.93
172.12	60.14	264.75	141.99
173.12	60.15	264.77	142.05
174.12	60.16	264.79	142.11
175.12	60.17	264.80	142.17
176.12	60.18	264.82	142.23
177.12	60.20	264.84	142.29
178.12	60.21	264.85	142.35
179.12	60.22	264.87	142.41
180.12	60.23	264.89	142.47
181.12	60.24	264.91	142.53
182.12	60.26	264.93	142.59
183.12	60.27	264.94	142.65
184.12	60.28	264.96	142.70
185.12	60.29	264.98	142.76
186.12	60.31	265.00	142.82
187.12	60.32	265.02	142.88
188.12	60.33	265.04	142.94
189.12	60.35	265.06	143.00
190.12	60.36	265.08	143.06
191.12	60.37	265.10	143.11
192.12	60.39	265.12	143.17
193.12	60.40	265.14	143.23
194.12	60.41	265.16	143.29
195.12	60.43	265.18	143.35
196.12	60.44	265.20	143.40
197.12	60.46	265.22	143.46
198.12	60.47	265.25	143.52
199.12	60.48	265.27	143.58
200.12	60.50	265.29	143.63
201.12	60.51	265.31	143.69

202.12	60.53	265.33	143.75
203.12	60.54	265.36	143.80
204.12	60.56	265.38	143.86
205.12	60.58	265.40	143.92
206.12	60.59	265.43	143.97
207.12	60.61	265.45	144.03
208.12	60.62	265.47	144.08
209.12	60.64	265.50	144.14
210.12	60.66	265.52	144.20
211.12	60.67	265.54	144.25
212.12	60.69	265.57	144.31
213.12	60.70	265.59	144.36
214.12	60.72	265.62	144.42
215.12	60.74	265.64	144.47
216.12	60.75	265.67	144.53
217.12	60.77	265.69	144.58
218.12	60.79	265.72	144.64
219.12	60.81	265.74	144.69
220.12	60.82	265.77	144.75
221.12	60.84	265.79	144.80
222.12	60.86	265.82	144.85
223.12	60.88	265.85	144.91
224.12	60.89	265.87	144.96
225.12	60.91	265.90	145.02
226.12	60.93	265.92	145.07
227.12	60.95	265.95	145.12
228.12	60.97	265.98	145.17
229.12	60.98	266.00	145.23
230.12	61.00	266.03	145.28
231.12	61.02	266.06	145.33
232.12	61.04	266.08	145.38
233.12	61.06	266.11	145.44
234.12	61.08	266.14	145.49
235.12	61.09	266.17	145.54
236.12	61.11	266.19	145.59
237.12	61.13	266.22	145.64
238.12	61.15	266.25	145.69
239.12	61.17	266.27	145.74
240.12	61.19	266.30	145.79
241.12	61.21	266.33	145.84
242.12	61.23	266.36	145.89
243.12	61.24	266.39	145.94
244.12	61.26	266.41	145.99
245.12	61.28	266.44	146.04
246.12	61.30	266.47	146.09
247.12	61.32	266.50	146.14
248.12	61.34	266.52	146.19
249.12	61.36	266.55	146.24
250.12	61.37	266.57	146.29
251.12	61.39	266.60	146.33
252.12	61.41	266.62	146.38

253.12	61.42	266.64	146.43
254.12	61.44	266.67	146.48
255.12	61.45	266.69	146.53
256.12	61.47	266.71	146.57
257.12	61.48	266.73	146.62
258.12	61.50	266.75	146.67
259.12	61.51	266.77	146.72
260.12	61.52	266.79	146.76
261.12	61.53	266.81	146.81
262.12	61.55	266.82	146.86
263.12	61.56	266.84	146.90
264.12	61.57	266.86	146.95
265.12	61.58	266.87	147.00
266.12	61.59	266.89	147.04
267.12	61.60	266.90	147.09
268.12	61.61	266.92	147.13
269.12	61.62	266.93	147.18
270.12	61.63	266.94	147.23
271.12	61.64	266.96	147.27
272.12	61.65	266.97	147.32
273.12	61.65	266.98	147.36
274.12	61.66	266.99	147.41
275.12	61.67	267.00	147.46
276.12	61.68	267.02	147.50
277.12	61.69	267.03	147.55
278.12	61.69	267.04	147.60
279.12	61.70	267.05	147.64
280.12	61.71	267.06	147.69
281.12	61.72	267.07	147.74
282.12	61.73	267.08	147.79
283.12	61.73	267.10	147.84
284.12	61.74	267.11	147.88
285.12	61.75	267.12	147.93
286.12	61.76	267.13	147.98
287.12	61.76	267.14	148.03
288.12	61.77	267.15	148.08
289.12	61.78	267.16	148.13
290.12	61.78	267.17	148.18
291.12	61.79	267.18	148.23
292.12	61.80	267.19	148.28
293.12	61.81	267.20	148.33
294.12	61.81	267.21	148.38
295.12	61.82	267.22	148.43
296.12	61.83	267.23	148.48
297.12	61.83	267.24	148.53
298.12	61.84	267.25	148.58
299.12	61.84	267.26	148.63
300.12	61.85	267.26	148.68
301.12	61.86	267.27	148.73
302.12	61.86	267.28	148.78
303.12	61.87	267.29	148.83

304.12	61.87	267.30	148.88
305.12	61.88	267.30	148.93
306.12	61.88	267.31	148.97
307.12	61.89	267.32	149.02
308.12	61.89	267.33	149.07
309.12	61.90	267.33	149.12
310.12	61.90	267.34	149.17
311.12	61.91	267.34	149.22
312.12	61.91	267.35	149.26
313.12	61.91	267.36	149.31
314.12	61.92	267.36	149.36
315.12	61.92	267.37	149.41
316.12	61.92	267.37	149.46
317.12	61.93	267.38	149.50
318.12	61.93	267.38	149.55
319.12	61.93	267.39	149.60
320.12	61.94	267.39	149.65
321.12	61.94	267.39	149.69
322.12	61.94	267.40	149.74
323.12	61.95	267.40	149.78
324.12	61.95	267.40	149.83
325.12	61.95	267.41	149.88
326.12	61.95	267.41	149.92
327.12	61.95	267.41	149.97
328.12	61.95	267.41	150.01
329.12	61.96	267.42	150.05
330.12	61.96	267.42	150.10
331.12	61.96	267.42	150.14
332.12	61.96	267.42	150.19
333.12	61.96	267.42	150.23
334.12	61.96	267.42	150.27
335.12	61.96	267.43	150.31
336.12	61.96	267.43	150.36
337.12	61.96	267.43	150.40
338.12	61.96	267.43	150.44
339.12	61.96	267.43	150.48
340.12	61.96	267.43	150.52
341.12	61.96	267.43	150.56
342.12	61.96	267.42	150.60
343.12	61.96	267.42	150.64
344.12	61.96	267.42	150.68
345.12	61.96	267.42	150.72
346.12	61.96	267.42	150.76
347.12	61.96	267.42	150.80
348.12	61.96	267.42	150.84
349.12	61.95	267.41	150.88
350.12	61.95	267.41	150.92
351.12	61.95	267.41	150.96
352.12	61.95	267.41	151.00
353.12	61.95	267.40	151.03
354.12	61.94	267.40	151.07

355.12	61.94	267.40	151.11
356.12	61.94	267.39	151.15
357.12	61.94	267.39	151.19
358.12	61.93	267.39	151.23
359.12	61.93	267.38	151.27
360.12	61.93	267.38	151.31
361.12	61.93	267.37	151.35
362.12	61.92	267.37	151.39
363.12	61.92	267.36	151.43
364.12	61.92	267.36	151.47
365.12	61.91	267.35	151.51
366.12	61.91	267.35	151.55
367.12	61.90	267.34	151.59
368.12	61.90	267.34	151.63
369.12	61.90	267.33	151.67
370.12	61.89	267.32	151.71
371.12	61.89	267.32	151.75
372.12	61.88	267.31	151.79
373.12	61.88	267.31	151.83
374.12	61.87	267.30	151.87
375.12	61.87	267.29	151.91
376.12	61.87	267.29	151.95
377.12	61.86	267.28	151.99
378.12	61.86	267.27	152.03
379.12	61.85	267.27	152.07
380.12	61.85	267.26	152.11
381.12	61.85	267.26	152.15
382.12	61.84	267.25	152.19
383.12	61.84	267.24	152.23
384.12	61.83	267.24	152.27
385.12	61.83	267.23	152.31
386.12	61.82	267.23	152.35
387.12	61.82	267.22	152.39
388.12	61.82	267.21	152.43
389.12	61.81	267.21	152.47
390.12	61.81	267.20	152.51
391.12	61.80	267.20	152.55
392.12	61.80	267.19	152.59
393.12	61.80	267.19	152.63
394.12	61.79	267.18	152.67
395.12	61.79	267.17	152.71
396.12	61.78	267.17	152.75
397.12	61.78	267.16	152.79
398.12	61.78	267.16	152.83
399.12	61.77	267.15	152.87
400.12	61.77	267.14	152.91
401.12	61.76	267.14	152.95
402.12	61.76	267.13	152.99
403.12	61.75	267.12	153.03
404.12	61.75	267.12	153.07
405.12	61.74	267.11	153.10

406.12	61.74	267.11	153.14
407.12	61.74	267.10	153.18
408.12	61.73	267.09	153.22
409.12	61.73	267.09	153.26
410.12	61.72	267.08	153.29
411.12	61.72	267.07	153.33
412.12	61.71	267.06	153.37
413.12	61.71	267.06	153.41
414.12	61.70	267.05	153.44
415.12	61.70	267.04	153.48
416.12	61.69	267.04	153.52
417.12	61.69	267.03	153.55
418.12	61.68	267.02	153.59
419.12	61.68	267.01	153.63
420.12	61.67	267.01	153.66
421.12	61.67	267.00	153.70
422.12	61.66	266.99	153.74
423.12	61.66	266.98	153.77
424.12	61.65	266.98	153.81
425.12	61.65	266.97	153.85
426.12	61.64	266.96	153.89
427.12	61.63	266.95	153.93
428.12	61.63	266.94	153.96
429.12	61.62	266.93	154.00
430.12	61.62	266.93	154.04
431.12	61.61	266.92	154.09
432.12	61.60	266.91	154.13
433.12	61.60	266.90	154.17
434.12	61.59	266.89	154.21
435.12	61.58	266.88	154.25
436.12	61.58	266.87	154.30
437.12	61.57	266.86	154.34
438.12	61.56	266.85	154.38
439.12	61.56	266.84	154.43
440.12	61.55	266.83	154.47
441.12	61.54	266.82	154.52
442.12	61.54	266.81	154.56
443.12	61.53	266.80	154.61
444.12	61.52	266.79	154.65
445.12	61.52	266.78	154.70
446.12	61.51	266.77	154.75
447.12	61.50	266.76	154.79
448.12	61.49	266.75	154.84
449.12	61.49	266.74	154.88
450.12	61.48	266.73	154.93
451.12	61.47	266.72	154.98
452.12	61.47	266.71	155.02
453.12	61.46	266.70	155.06
454.12	61.45	266.69	155.11
455.12	61.45	266.68	155.15
456.12	61.44	266.67	155.20

457.12	61.43	266.66	155.24
458.12	61.43	266.65	155.28
459.12	61.42	266.64	155.32
460.12	61.41	266.63	155.37
461.12	61.41	266.62	155.41
462.12	61.40	266.61	155.45
463.12	61.39	266.60	155.49
464.12	61.39	266.59	155.53
465.12	61.38	266.58	155.57
466.12	61.38	266.58	155.61
467.12	61.37	266.57	155.65
468.12	61.36	266.56	155.69
469.12	61.36	266.55	155.73
470.12	61.35	266.54	155.77
471.12	61.35	266.53	155.81
472.12	61.34	266.52	155.85
473.12	61.34	266.52	155.88
474.12	61.33	266.51	155.92
475.12	61.32	266.50	155.96
476.12	61.32	266.49	156.00
477.12	61.31	266.48	156.03
478.12	61.30	266.47	156.07
479.12	61.30	266.46	156.10
480.12	61.29	266.45	156.14
481.12	61.29	266.44	156.18
482.12	61.28	266.43	156.21
483.12	61.27	266.42	156.25
484.12	61.27	266.41	156.28
485.12	61.26	266.40	156.31
486.12	61.25	266.39	156.35
487.12	61.24	266.38	156.38
488.12	61.24	266.37	156.41
489.12	61.23	266.36	156.45
490.12	61.22	266.35	156.48
491.12	61.22	266.34	156.51
492.12	61.21	266.33	156.54
493.12	61.20	266.32	156.58
494.12	61.19	266.31	156.61
495.12	61.19	266.30	156.64
496.12	61.18	266.29	156.67
497.12	61.17	266.28	156.70
498.12	61.16	266.27	156.73
499.12	61.16	266.25	156.77
500.12	61.15	266.24	156.80
501.12	61.14	266.23	156.83
502.12	61.13	266.22	156.86
503.12	61.13	266.21	156.89
504.12	61.12	266.20	156.93
505.12	61.11	266.19	156.96
506.12	61.11	266.18	156.99
507.12	61.10	266.17	157.03

508.12	61.09	266.16	157.06
509.12	61.08	266.15	157.10
510.12	61.08	266.14	157.13
511.12	61.07	266.13	157.16
512.12	61.06	266.12	157.20
513.12	61.05	266.11	157.23
514.12	61.05	266.09	157.27
515.12	61.04	266.08	157.30
516.12	61.03	266.07	157.34
517.12	61.03	266.06	157.37
518.12	61.02	266.05	157.41
519.12	61.01	266.04	157.45
520.12	61.00	266.03	157.48
521.12	61.00	266.02	157.52
522.12	60.99	266.01	157.56
523.12	60.98	266.00	157.59
524.12	60.98	265.99	157.63
525.12	60.97	265.98	157.67
526.12	60.96	265.97	157.70
527.12	60.96	265.96	157.74
528.12	60.95	265.95	157.78
529.12	60.94	265.94	157.82
530.12	60.93	265.93	157.86
531.12	60.93	265.92	157.89
532.12	60.92	265.91	157.93
533.12	60.91	265.90	157.97
534.12	60.90	265.88	158.01
535.12	60.90	265.87	158.05
536.12	60.89	265.86	158.09
537.12	60.88	265.85	158.13
538.12	60.88	265.84	158.17
539.12	60.87	265.83	158.21
540.12	60.86	265.82	158.25
541.12	60.85	265.81	158.29
542.12	60.85	265.80	158.33
543.12	60.84	265.79	158.37
544.12	60.83	265.78	158.41
545.12	60.82	265.77	158.45
546.12	60.82	265.76	158.49
547.12	60.81	265.74	158.54
548.12	60.80	265.73	158.58
549.12	60.80	265.72	158.62
550.12	60.79	265.71	158.66
551.12	60.78	265.70	158.70
552.12	60.77	265.69	158.74
553.12	60.77	265.68	158.78
554.12	60.76	265.67	158.82
555.12	60.75	265.66	158.86
556.12	60.74	265.65	158.89
557.12	60.74	265.64	158.93
558.12	60.73	265.63	158.97

559.12	60.72	265.62	159.01
560.12	60.72	265.61	159.05
561.12	60.71	265.60	159.09
562.12	60.70	265.58	159.12
563.12	60.70	265.57	159.16
564.12	60.69	265.56	159.20
565.12	60.68	265.55	159.24
566.12	60.67	265.54	159.27
567.12	60.67	265.53	159.31
568.12	60.66	265.52	159.35
569.12	60.65	265.51	159.38
570.12	60.65	265.50	159.42
571.12	60.64	265.49	159.46
572.12	60.63	265.48	159.49
573.12	60.63	265.47	159.53
574.12	60.62	265.46	159.56
575.12	60.61	265.45	159.60
576.12	60.61	265.44	159.63
577.12	60.60	265.43	159.67
578.12	60.59	265.42	159.70
579.12	60.59	265.41	159.73
580.12	60.58	265.40	159.76
581.12	60.57	265.39	159.80
582.12	60.57	265.38	159.83
583.12	60.56	265.37	159.86
584.12	60.55	265.36	159.89
585.12	60.55	265.35	159.92
586.12	60.54	265.34	159.96
587.12	60.53	265.34	159.99
588.12	60.53	265.33	160.02
589.12	60.52	265.32	160.05
590.12	60.51	265.31	160.08
591.12	60.51	265.30	160.11
592.12	60.50	265.29	160.14
593.12	60.49	265.28	160.16
594.12	60.49	265.27	160.19
595.12	60.48	265.26	160.22
596.12	60.48	265.25	160.25
597.12	60.47	265.24	160.28
598.12	60.46	265.23	160.30
599.12	60.46	265.22	160.33
600.12	60.45	265.21	160.36
601.12	60.44	265.20	160.39
602.12	60.44	265.19	160.42
603.12	60.43	265.18	160.45
604.12	60.42	265.17	160.48
605.12	60.42	265.16	160.51
606.12	60.41	265.15	160.54
607.12	60.40	265.14	160.57
608.12	60.39	265.13	160.60
609.12	60.39	265.12	160.63

610.12	60.38	265.11	160.66
611.12	60.37	265.10	160.69
612.12	60.37	265.09	160.72
613.12	60.36	265.07	160.75
614.12	60.35	265.06	160.78
615.12	60.34	265.05	160.82
616.12	60.34	265.04	160.85
617.12	60.33	265.03	160.88
618.12	60.32	265.02	160.91
619.12	60.31	265.01	160.94
620.12	60.31	265.00	160.97
621.12	60.30	264.98	161.01
622.12	60.29	264.97	161.04
623.12	60.28	264.96	161.07
624.12	60.28	264.95	161.11
625.12	60.27	264.94	161.14
626.12	60.26	264.93	161.17
627.12	60.25	264.92	161.20
628.12	60.25	264.91	161.24
629.12	60.24	264.90	161.27
630.12	60.23	264.89	161.30
631.12	60.23	264.88	161.34
632.12	60.22	264.87	161.37
633.12	60.21	264.86	161.40
634.12	60.21	264.85	161.44
635.12	60.20	264.84	161.47
636.12	60.19	264.83	161.50
637.12	60.19	264.82	161.54
638.12	60.18	264.81	161.57
639.12	60.18	264.81	161.61
640.12	60.17	264.80	161.64
641.12	60.17	264.79	161.67
642.12	60.16	264.78	161.71
643.12	60.15	264.77	161.74
644.12	60.15	264.76	161.78
645.12	60.14	264.76	161.81
646.12	60.14	264.75	161.84
647.12	60.13	264.74	161.88
648.12	60.13	264.73	161.91
649.12	60.12	264.73	161.95
650.12	60.12	264.72	161.98
651.12	60.11	264.71	162.02
652.12	60.11	264.71	162.05
653.12	60.11	264.70	162.08
654.12	60.10	264.69	162.12
655.12	60.10	264.69	162.15
656.12	60.09	264.68	162.19
657.12	60.09	264.67	162.22
658.12	60.08	264.67	162.25
659.12	60.08	264.66	162.29
660.12	60.08	264.65	162.32

661.12	60.07	264.65	162.36
662.12	60.07	264.64	162.39
663.12	60.06	264.64	162.42
664.12	60.06	264.63	162.46
665.12	60.06	264.63	162.49
666.12	60.05	264.62	162.52
667.12	60.05	264.62	162.56
668.12	60.05	264.61	162.59
669.12	60.04	264.60	162.62
670.12	60.04	264.60	162.66
671.12	60.04	264.60	162.69
672.12	60.03	264.59	162.72
673.12	60.03	264.58	162.76
674.12	60.03	264.58	162.79
675.12	60.02	264.57	162.82
676.12	60.02	264.57	162.86
677.12	60.01	264.56	162.89
678.12	60.01	264.56	162.92
679.12	60.01	264.55	162.96
680.12	60.00	264.55	162.99
681.12	60.00	264.54	163.03
682.12	60.00	264.54	163.06
683.12	59.99	264.53	163.09
684.12	59.99	264.52	163.13
685.12	59.98	264.52	163.16
686.12	59.98	264.51	163.20
687.12	59.98	264.50	163.23
688.12	59.97	264.50	163.26
689.12	59.97	264.49	163.30
690.12	59.96	264.49	163.33
691.12	59.96	264.48	163.37
692.12	59.95	264.47	163.40
693.12	59.95	264.47	163.44
694.12	59.95	264.46	163.47
695.12	59.94	264.45	163.50
696.12	59.94	264.44	163.54
697.12	59.93	264.44	163.57
698.12	59.93	264.43	163.61
699.12	59.92	264.42	163.64
700.12	59.92	264.42	163.67
701.12	59.91	264.41	163.70
702.12	59.91	264.40	163.73
703.12	59.90	264.40	163.76
704.12	59.90	264.39	163.80
705.12	59.90	264.38	163.83
706.12	59.89	264.38	163.85
707.12	59.89	264.37	163.88
708.12	59.88	264.36	163.91
709.12	59.88	264.36	163.94
710.12	59.87	264.35	163.97
711.12	59.87	264.35	164.00

712.12	59.87	264.34	164.02
713.12	59.86	264.33	164.05
714.12	59.86	264.33	164.07
715.12	59.85	264.32	164.10
716.12	59.85	264.31	164.13
717.12	59.84	264.31	164.15
718.12	59.84	264.30	164.17
719.12	59.84	264.29	164.20
720.12	59.83	264.29	164.22
721.12	59.83	264.28	164.24
722.12	59.82	264.28	164.27
723.12	59.82	264.27	164.29
724.12	59.81	264.26	164.31
725.12	59.81	264.26	164.34
726.12	59.81	264.25	164.36
727.12	59.80	264.24	164.38
728.12	59.80	264.24	164.41
729.12	59.79	264.23	164.43
730.12	59.79	264.22	164.45
731.12	59.78	264.22	164.48
732.12	59.78	264.21	164.50
733.12	59.77	264.20	164.52
734.12	59.77	264.20	164.55
735.12	59.77	264.19	164.57
736.12	59.76	264.18	164.60
737.12	59.76	264.17	164.62
738.12	59.75	264.17	164.64
739.12	59.75	264.16	164.67
740.12	59.74	264.15	164.69
741.12	59.74	264.14	164.72
742.12	59.73	264.14	164.74
743.12	59.73	264.13	164.77
744.12	59.72	264.12	164.79
745.12	59.72	264.11	164.82
746.12	59.71	264.11	164.84
747.12	59.71	264.10	164.86
748.12	59.70	264.09	164.89
749.12	59.70	264.08	164.91
750.12	59.69	264.08	164.94
751.12	59.69	264.07	164.96
752.12	59.68	264.06	164.99
753.12	59.68	264.05	165.01
754.12	59.67	264.05	165.04
755.12	59.67	264.04	165.07
756.12	59.66	264.03	165.09
757.12	59.66	264.02	165.12
758.12	59.65	264.02	165.14
759.12	59.65	264.01	165.17
760.12	59.64	264.00	165.20
761.12	59.64	263.99	165.22
762.12	59.63	263.99	165.25

763.12	59.63	263.98	165.28
764.12	59.62	263.97	165.30
765.12	59.62	263.96	165.33
766.12	59.61	263.96	165.36
767.12	59.61	263.95	165.38
768.12	59.60	263.94	165.41
769.12	59.60	263.94	165.44
770.12	59.59	263.93	165.46
771.12	59.59	263.92	165.49
772.12	59.58	263.91	165.52
773.12	59.58	263.91	165.55
774.12	59.57	263.90	165.57
775.12	59.57	263.89	165.60
776.12	59.57	263.89	165.63
777.12	59.56	263.88	165.65
778.12	59.56	263.88	165.68
779.12	59.55	263.87	165.71
780.12	59.55	263.86	165.73
781.12	59.55	263.86	165.76
782.12	59.54	263.85	165.78
783.12	59.54	263.85	165.81
784.12	59.53	263.84	165.83
785.12	59.53	263.84	165.86
786.12	59.53	263.83	165.89
787.12	59.53	263.83	165.91
788.12	59.52	263.82	165.94
789.12	59.52	263.82	165.96
790.12	59.52	263.81	165.99
791.12	59.51	263.81	166.01
792.12	59.51	263.81	166.04
793.12	59.51	263.80	166.06
794.12	59.51	263.80	166.08
795.12	59.50	263.80	166.11
796.12	59.50	263.79	166.13
797.12	59.50	263.79	166.16
798.12	59.49	263.78	166.18
799.12	59.49	263.78	166.21
800.12	59.49	263.78	166.24
801.12	59.49	263.77	166.26
802.12	59.48	263.77	166.29
803.12	59.48	263.76	166.32
804.12	59.48	263.76	166.35
805.12	59.48	263.75	166.38
806.12	59.47	263.75	166.41
807.12	59.47	263.74	166.44
808.12	59.47	263.74	166.47
809.12	59.46	263.74	166.50
810.12	59.46	263.73	166.53
811.12	59.46	263.73	166.56
812.12	59.45	263.72	166.59
813.12	59.45	263.72	166.63

814.12	59.45	263.71	166.66
815.12	59.44	263.70	166.69
816.12	59.44	263.70	166.73
817.12	59.44	263.69	166.76
818.12	59.43	263.69	166.80
819.12	59.43	263.68	166.84
820.12	59.43	263.68	166.87
821.12	59.42	263.67	166.91
822.12	59.42	263.67	166.94
823.12	59.42	263.66	166.98
824.12	59.41	263.66	167.01
825.12	59.41	263.65	167.05
826.12	59.41	263.65	167.08
827.12	59.40	263.64	167.12
828.12	59.40	263.64	167.15
829.12	59.40	263.63	167.19
830.12	59.39	263.63	167.22
831.12	59.39	263.62	167.25
832.12	59.39	263.62	167.28
833.12	59.38	263.61	167.32
834.12	59.38	263.61	167.35
835.12	59.38	263.61	167.38
836.12	59.38	263.60	167.41
837.12	59.37	263.60	167.44
838.12	59.37	263.59	167.47
839.12	59.37	263.59	167.50
840.12	59.37	263.59	167.53
841.12	59.36	263.58	167.56
842.12	59.36	263.58	167.59
843.12	59.36	263.58	167.61
844.12	59.36	263.57	167.64
845.12	59.35	263.57	167.67
846.12	59.35	263.57	167.70
847.12	59.35	263.56	167.72
848.12	59.35	263.56	167.75
849.12	59.35	263.56	167.78
850.12	59.34	263.55	167.81
851.12	59.34	263.55	167.83
852.12	59.34	263.55	167.86
853.12	59.34	263.54	167.89
854.12	59.33	263.54	167.92
855.12	59.33	263.54	167.95
856.12	59.33	263.53	167.98
857.12	59.33	263.53	168.01
858.12	59.33	263.53	168.04
859.12	59.32	263.52	168.06
860.12	59.32	263.52	168.09
861.12	59.32	263.51	168.12
862.12	59.32	263.51	168.15
863.12	59.31	263.51	168.18
864.12	59.31	263.50	168.21

865.12	59.31	263.50	168.24
866.12	59.30	263.49	168.27
867.12	59.30	263.49	168.30
868.12	59.30	263.49	168.33
869.12	59.30	263.48	168.36
870.12	59.29	263.48	168.39
871.12	59.29	263.47	168.42
872.12	59.29	263.47	168.46
873.12	59.29	263.46	168.48
874.12	59.28	263.46	168.51
875.12	59.28	263.46	168.54
876.12	59.28	263.45	168.57
877.12	59.27	263.45	168.60
878.12	59.27	263.44	168.63
879.12	59.27	263.44	168.66
880.12	59.27	263.43	168.69
881.12	59.26	263.43	168.71
882.12	59.26	263.43	168.74
883.12	59.26	263.42	168.77
884.12	59.25	263.42	168.79
885.12	59.25	263.41	168.82
886.12	59.25	263.41	168.85
887.12	59.25	263.40	168.87
888.12	59.24	263.40	168.90
889.12	59.24	263.40	168.92
890.12	59.24	263.39	168.95
891.12	59.23	263.39	168.97
892.12	59.23	263.38	169.00
893.12	59.23	263.38	169.02
894.12	59.23	263.37	169.05
895.12	59.22	263.37	169.07
896.12	59.22	263.37	169.09
897.12	59.22	263.36	169.12
898.12	59.21	263.36	169.14
899.12	59.21	263.35	169.16
900.12	59.21	263.35	169.19
901.12	59.21	263.34	169.21
902.12	59.20	263.34	169.23
903.12	59.20	263.34	169.25
904.12	59.20	263.33	169.28
905.12	59.20	263.33	169.30
906.12	59.19	263.32	169.32
907.12	59.19	263.32	169.35
908.12	59.19	263.32	169.37
909.12	59.19	263.31	169.39
910.12	59.18	263.31	169.41
911.12	59.18	263.31	169.44
912.12	59.18	263.30	169.46
913.12	59.18	263.30	169.48
914.12	59.17	263.29	169.50
915.12	59.17	263.29	169.52

916.12	59.17	263.29	169.55
917.12	59.17	263.28	169.57
918.12	59.16	263.28	169.59
919.12	59.16	263.28	169.61
920.12	59.16	263.27	169.63
921.12	59.16	263.27	169.66
922.12	59.15	263.27	169.68
923.12	59.15	263.26	169.70
924.12	59.15	263.26	169.72
925.12	59.15	263.26	169.74
926.12	59.15	263.25	169.76
927.12	59.14	263.25	169.78
928.12	59.14	263.25	169.81
929.12	59.14	263.24	169.83
930.12	59.14	263.24	169.85
931.12	59.13	263.24	169.87
932.12	59.13	263.23	169.89
933.12	59.13	263.23	169.91
934.12	59.13	263.23	169.93
935.12	59.13	263.23	169.95
936.12	59.12	263.22	169.97
937.12	59.12	263.22	169.99
938.12	59.12	263.22	170.01
939.12	59.12	263.21	170.04
940.12	59.12	263.21	170.06
941.12	59.11	263.21	170.08
942.12	59.11	263.21	170.10
943.12	59.11	263.20	170.12
944.12	59.11	263.20	170.14
945.12	59.11	263.20	170.16
946.12	59.11	263.20	170.18
947.12	59.10	263.19	170.20
948.12	59.10	263.19	170.23
949.12	59.10	263.19	170.25
950.12	59.10	263.19	170.27
951.12	59.10	263.18	170.29
952.12	59.09	263.18	170.32
953.12	59.09	263.18	170.34
954.12	59.09	263.18	170.36
955.12	59.09	263.17	170.39
956.12	59.09	263.17	170.41
957.12	59.09	263.17	170.43
958.12	59.08	263.17	170.46
959.12	59.08	263.16	170.48
960.12	59.08	263.16	170.51
961.12	59.08	263.16	170.53
962.12	59.08	263.16	170.56
963.12	59.08	263.15	170.58
964.12	59.08	263.15	170.61
965.12	59.07	263.15	170.63
966.12	59.07	263.15	170.66

967.12	59.07	263.15	170.68
968.12	59.07	263.14	170.71
969.12	59.07	263.14	170.73
970.12	59.07	263.14	170.76
971.12	59.06	263.14	170.79
972.12	59.06	263.13	170.81
973.12	59.06	263.13	170.84
974.12	59.06	263.13	170.87
975.12	59.06	263.13	170.90
976.12	59.06	263.13	170.92
977.12	59.06	263.12	170.95
978.12	59.06	263.12	170.98
979.12	59.05	263.12	171.01
980.12	59.05	263.12	171.04
981.12	59.05	263.12	171.06
982.12	59.05	263.12	171.09
983.12	59.05	263.11	171.12
984.12	59.05	263.11	171.15
985.12	59.05	263.11	171.18
986.12	59.05	263.11	171.21
987.12	59.04	263.11	171.24
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989.12	59.04	263.10	171.30
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991.12	59.04	263.10	171.36
992.12	59.04	263.10	171.39
993.12	59.04	263.10	171.42
994.12	59.04	263.09	171.45
995.12	59.03	263.09	171.48
996.12	59.03	263.09	171.51
997.12	59.03	263.09	171.54
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999.12	59.03	263.09	171.59
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1001.12	59.03	263.08	171.65
1002.12	59.03	263.08	171.68
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1004.12	59.02	263.08	171.73
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1007.12	59.02	263.07	171.81
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1016.12	59.01	263.05	172.04
1017.12	59.01	263.05	172.06

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1021.12	59.00	263.04	172.15
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1100.12	58.89	262.89	173.91
1101.12	58.89	262.89	173.94
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1103.12	58.89	262.89	173.99
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1152.12	58.84	262.82	175.18
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1154.12	58.84	262.82	175.22
1155.12	58.83	262.81	175.25
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1164.12	58.82	262.79	175.45
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1166.12	58.82	262.79	175.50
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1168.12	58.81	262.78	175.55
1169.12	58.81	262.78	175.57
1170.12	58.81	262.78	175.59

1171.12	58.81	262.77	175.61
1172.12	58.81	262.77	175.64
1173.12	58.81	262.77	175.66
1174.12	58.80	262.77	175.68
1175.12	58.80	262.76	175.70
1176.12	58.80	262.76	175.73
1177.12	58.80	262.76	175.75
1178.12	58.80	262.75	175.77
1179.12	58.79	262.75	175.79
1180.12	58.79	262.75	175.82
1181.12	58.79	262.74	175.84
1182.12	58.79	262.74	175.86
1183.12	58.79	262.74	175.88
1184.12	58.78	262.73	175.91
1185.12	58.78	262.73	175.93
1186.12	58.78	262.73	175.95
1187.12	58.78	262.72	175.97
1188.12	58.78	262.72	175.99
1189.12	58.77	262.72	176.02
1190.12	58.77	262.71	176.04
1191.12	58.77	262.71	176.06
1192.12	58.77	262.71	176.08
1193.12	58.77	262.70	176.11
1194.12	58.76	262.70	176.13
1195.12	58.76	262.69	176.15
1196.12	58.76	262.69	176.18
1197.12	58.76	262.69	176.20
1198.12	58.75	262.68	176.22
1199.13	58.75	262.68	176.25
1200.13	58.75	262.67	176.27
1201.14	58.73	262.64	176.27
1221.22	58.85	263.49	176.39
1241.22	58.94	264.11	176.52
1261.22	59.04	264.74	176.65
1281.22	59.14	265.45	176.77
1301.22	59.24	266.26	176.90
1321.22	59.35	267.15	177.02
1341.22	59.46	268.08	177.14
1361.22	59.57	269.00	177.26
1381.22	59.68	269.90	177.38
1401.22	59.79	270.77	177.50
1421.22	59.89	271.61	177.62
1441.22	59.99	272.41	177.74
1461.22	60.09	273.19	177.85
1481.22	60.19	273.93	177.97
1501.22	60.28	274.64	178.08
1521.22	60.37	275.32	178.20
1541.22	60.46	275.97	178.32
1561.22	60.55	276.60	178.43
1581.22	60.63	277.20	178.54
1601.22	60.72	277.77	178.66

1621.22	60.80	278.31	178.77
1641.22	60.88	278.84	178.88
1661.22	60.96	279.34	178.99
1681.22	61.03	279.81	179.11
1701.22	61.11	280.27	179.22
1721.22	61.18	280.71	179.33
1741.22	61.25	281.12	179.44
1761.22	61.32	281.52	179.55
1781.22	61.39	281.90	179.66
1801.22	61.45	282.26	179.76
1821.22	61.52	282.60	179.87
1841.22	61.58	282.93	179.98
1861.22	61.64	283.24	180.09
1881.22	61.70	283.54	180.19
1901.22	61.76	283.82	180.30
1921.22	61.82	284.09	180.41
1941.22	61.88	284.35	180.51
1961.22	61.93	284.59	180.62
1981.22	61.99	284.82	180.72
2001.22	62.04	285.04	180.83
2021.22	62.09	285.26	180.93
2041.22	62.15	285.46	181.03
2061.22	62.20	285.66	181.13
2081.22	62.25	285.86	181.24
2101.22	62.30	286.05	181.34
2121.22	62.36	286.24	181.44
2141.22	62.41	286.42	181.54
2161.22	62.46	286.60	181.64
2181.22	62.51	286.77	181.74
2201.22	62.56	286.94	181.84
2221.22	62.62	287.10	181.94
2241.22	62.67	287.26	182.04
2261.22	62.72	287.41	182.14
2281.22	62.77	287.57	182.24
2301.22	62.83	287.71	182.34
2321.22	62.88	287.86	182.44
2341.22	62.93	288.00	182.54
2361.22	62.98	288.14	182.63
2381.22	63.03	288.27	182.73
2401.22	63.08	288.40	182.83
2421.22	63.13	288.53	182.92
2441.22	63.19	288.66	183.02
2461.22	63.24	288.78	183.11
2481.22	63.29	288.90	183.21
2501.22	63.34	289.02	183.30
2521.22	63.39	289.13	183.40
2541.22	63.44	289.24	183.49
2561.22	63.49	289.35	183.59
2581.22	63.54	289.46	183.68
2601.22	63.59	289.57	183.78
2621.22	63.64	289.67	183.87

2641.22	63.69	289.77	183.96
2661.22	63.74	289.87	184.05
2681.22	63.79	289.97	184.15
2701.22	63.84	290.06	184.24
2721.22	63.89	290.16	184.33
2741.22	63.94	290.25	184.42
2761.22	63.99	290.34	184.51
2781.22	64.04	290.42	184.60
2801.22	64.08	290.51	184.69
2821.22	64.13	290.59	184.78
2841.22	64.18	290.68	184.87
2861.22	64.23	290.76	184.96
2881.22	64.28	290.84	185.05
2901.22	64.33	290.91	185.14
2921.22	64.37	290.99	185.23
2941.22	64.42	291.07	185.32
2961.22	64.47	291.14	185.41
2981.22	64.51	291.21	185.49
3001.22	64.56	291.28	185.58
3021.22	64.61	291.35	185.67
3041.22	64.65	291.42	185.76
3061.22	64.70	291.49	185.84
3081.22	64.75	291.56	185.93
3101.22	64.80	291.63	186.02
3121.22	64.84	291.70	186.10
3141.22	64.89	291.77	186.19
3161.22	64.94	291.84	186.27
3181.22	64.98	291.90	186.36
3201.22	65.03	291.97	186.44
3221.22	65.08	292.04	186.53
3241.22	65.13	292.11	186.61
3261.22	65.17	292.17	186.70
3281.22	65.22	292.24	186.78
3301.22	65.27	292.31	186.86
3321.22	65.31	292.37	186.95
3341.22	65.36	292.44	187.03
3361.22	65.41	292.50	187.11
3381.22	65.46	292.57	187.19
3401.22	65.50	292.63	187.28
3421.22	65.55	292.69	187.36
3441.22	65.60	292.76	187.44
3461.22	65.64	292.82	187.52
3481.22	65.69	292.88	187.60
3501.22	65.74	292.94	187.69
3521.22	65.78	293.01	187.77
3541.22	65.83	293.07	187.85
3561.22	65.88	293.13	187.93
3581.22	65.92	293.19	188.01
3601.22	65.97	293.25	188.09
3621.22	66.02	293.31	188.17
3641.22	66.06	293.36	188.25

3661.22	66.11	293.42	188.33
3681.22	66.15	293.48	188.40
3701.22	66.20	293.54	188.48
3721.22	66.25	293.60	188.56
3741.22	66.29	293.65	188.64
3761.22	66.34	293.71	188.72
3781.22	66.38	293.76	188.80
3801.22	66.43	293.82	188.87
3821.22	66.48	293.87	188.95
3841.22	66.52	293.93	189.03
3861.22	66.57	293.98	189.11
3881.22	66.61	294.04	189.18
3901.22	66.66	294.09	189.26
3921.22	66.70	294.14	189.33
3941.22	66.75	294.19	189.41
3961.22	66.79	294.25	189.49
3981.22	66.84	294.30	189.56
4001.22	66.88	294.35	189.64
4021.22	66.92	294.40	189.71
4041.22	66.97	294.45	189.79
4061.22	67.01	294.50	189.86
4081.22	67.06	294.55	189.94
4101.22	67.10	294.60	190.01
4121.22	67.15	294.66	190.09
4141.22	67.19	294.71	190.16
4161.22	67.24	294.76	190.23
4181.22	67.28	294.81	190.31
4201.22	67.33	294.87	190.38
4221.22	67.37	294.92	190.45
4241.22	67.42	294.97	190.53
4261.22	67.46	295.02	190.60
4281.22	67.51	295.08	190.67
4301.22	67.55	295.13	190.74
4321.22	67.60	295.18	190.81
4341.22	67.64	295.24	190.89
4361.22	67.69	295.29	190.96
4381.22	67.73	295.34	191.03
4401.22	67.78	295.39	191.10
4421.22	67.82	295.45	191.17
4441.22	67.87	295.50	191.24
4461.22	67.91	295.55	191.31
4481.22	67.96	295.60	191.38
4501.22	68.00	295.66	191.45
4521.22	68.05	295.71	191.52
4541.22	68.09	295.76	191.59
4561.22	68.13	295.81	191.66
4581.22	68.18	295.87	191.73
4601.22	68.22	295.92	191.80
4621.22	68.27	295.97	191.87
4641.22	68.31	296.02	191.94
4661.22	68.36	296.07	192.01

4681.22	68.40	296.12	192.08
4701.22	68.45	296.17	192.15
4721.22	68.49	296.22	192.21
4741.22	68.54	296.28	192.28
4761.22	68.58	296.33	192.35
4781.22	68.62	296.38	192.42
4801.22	68.67	296.43	192.48
4821.22	68.71	296.48	192.55
4841.22	68.76	296.53	192.62
4861.22	68.80	296.58	192.68
4881.22	68.84	296.63	192.75
4901.22	68.89	296.68	192.82
4921.22	68.93	296.72	192.88
4941.22	68.98	296.77	192.95
4961.22	69.02	296.82	193.02
4981.22	69.06	296.87	193.08
5001.22	69.11	296.92	193.15
5021.22	69.15	296.97	193.21
5041.22	69.19	297.02	193.28
5061.22	69.24	297.07	193.34
5081.22	69.28	297.11	193.41
5101.22	69.33	297.16	193.47
5121.22	69.37	297.21	193.54
5141.22	69.41	297.26	193.60
5161.22	69.46	297.31	193.66
5181.22	69.50	297.36	193.73
5201.22	69.55	297.41	193.79
5221.22	69.59	297.46	193.86
5241.22	69.63	297.51	193.92
5261.22	69.68	297.56	193.98
5281.22	69.72	297.61	194.05
5301.22	69.77	297.66	194.11
5321.22	69.81	297.72	194.17
5341.22	69.85	297.77	194.23
5361.22	69.90	297.82	194.30
5381.22	69.94	297.87	194.36
5400.02	69.98	297.92	194.42
5401.02	69.97	297.87	194.43
5501.12	69.32	294.83	195.60
5601.12	68.87	292.82	196.79
5701.12	68.48	291.16	197.95
5801.12	68.11	289.77	199.09
5901.12	67.78	288.60	200.21
6001.12	67.47	287.60	201.31
6101.12	67.18	286.74	202.39
6201.12	66.90	285.99	203.45
6301.12	66.65	285.34	204.49
6401.12	66.40	284.76	205.51
6501.12	66.17	284.25	206.51
6601.12	65.95	283.79	207.49
6701.12	65.73	283.37	208.46

6801.12	65.53	282.98	209.41
6901.12	65.33	282.62	210.34
7001.12	65.14	282.28	211.26
7101.12	64.95	281.97	212.16
7201.12	64.77	281.68	213.05
7301.12	64.60	281.40	213.92
7401.12	64.43	281.15	214.78
7501.12	64.27	280.91	215.61
7601.12	64.11	280.68	216.12
7701.12	63.96	280.47	216.63
7801.12	63.81	280.26	217.13
7901.12	63.67	280.06	217.62
8001.12	63.52	279.86	218.10
8101.12	63.39	279.68	218.57
8201.12	63.25	279.50	219.04
8301.12	63.12	279.33	219.49
8401.12	62.99	279.16	219.94
8501.12	62.87	279.00	220.39
8601.12	62.75	278.85	220.82
8701.12	62.63	278.69	221.25
8801.12	62.51	278.55	221.67
8901.12	62.40	278.40	222.08
9001.12	62.29	278.26	222.49
9101.12	62.18	278.12	222.89
9201.12	62.07	277.98	223.28
9301.12	61.97	277.85	223.67
9401.12	61.87	277.72	224.05
9501.12	61.77	277.59	224.42
9601.12	61.67	277.47	224.79
9701.12	61.57	277.35	225.15
9801.12	61.48	277.23	225.51
9901.12	61.39	277.11	225.86
10001.10	61.30	276.99	226.20
10101.10	61.21	276.88	226.54
10201.10	61.13	276.77	226.87
10301.10	61.04	276.66	227.20
10401.10	60.96	276.56	227.52
10501.10	60.88	276.46	227.84
10601.10	60.81	276.37	228.15
10701.10	60.73	276.28	228.46
10801.10	60.66	276.19	228.76
10901.10	60.59	276.10	229.06
11001.10	60.52	276.01	229.35
11101.10	60.45	275.93	229.64
11201.10	60.39	275.84	229.92
11301.10	60.32	275.76	230.20
11401.10	60.26	275.68	230.48
11501.10	60.20	275.60	230.75
11601.10	60.14	275.53	231.01
11701.10	60.08	275.45	231.28
11801.10	60.02	275.37	231.53

11901.10	59.96	275.30	231.79
12001.10	59.91	275.22	232.04
12101.10	59.85	275.14	231.68
12201.10	59.80	275.06	231.23
12301.10	59.74	274.98	230.78
12401.10	59.69	274.89	230.34
12501.10	59.63	274.81	229.91
12601.10	59.58	274.72	229.48
12701.10	59.52	274.63	229.07
12801.10	59.47	274.54	228.65
12901.10	59.31	273.99	228.24
13001.10	59.08	273.14	227.84
13101.10	58.86	272.42	227.44
13201.10	58.65	271.78	227.04
13301.10	58.45	271.21	226.65
13401.10	58.26	270.71	226.26
13501.10	58.08	270.25	225.87
13601.10	57.90	269.84	225.49
13701.10	57.73	269.45	225.12
13801.10	57.56	269.10	224.75
13901.10	57.40	268.77	224.38
14001.10	57.23	268.46	224.01
14101.10	57.08	268.16	223.65
14201.10	56.92	267.88	223.30
14301.10	56.77	267.61	222.95
14401.10	56.62	267.35	222.60
14501.10	56.47	267.10	222.26
14601.10	56.32	266.85	221.92
14701.10	56.17	266.61	221.58
14801.10	56.03	266.38	221.25
14901.10	55.89	266.15	220.92
15001.10	55.75	265.92	220.59
15101.10	55.61	265.69	220.27
15201.10	55.47	265.47	219.95
15301.10	55.34	265.25	219.64
15401.10	55.20	265.04	219.32
15501.10	55.07	264.82	219.02
15601.10	54.94	264.61	218.71
15701.10	54.81	264.40	218.41
15801.10	54.68	264.19	218.11
15901.10	54.55	263.98	217.82
16001.10	54.42	263.77	217.52
16101.10	54.30	263.56	217.23
16201.10	54.17	263.36	216.95
16301.10	54.05	263.15	216.67
16401.10	53.92	262.95	216.39
16501.10	53.80	262.74	216.11
16601.10	53.68	262.54	215.83
16701.10	53.56	262.33	215.56
16801.10	53.43	262.13	215.29
16901.10	53.32	261.93	215.03

17001.10	53.20	261.73	214.77
17101.10	53.08	261.53	214.50
17201.10	52.96	261.33	214.25
17301.10	52.85	261.13	213.99
17401.10	52.73	260.93	213.74
17501.10	52.61	260.73	213.49
17601.10	52.50	260.53	213.24
17701.10	52.39	260.33	213.00
17801.10	52.27	260.13	212.76
17901.10	52.16	259.93	212.52
18001.10	52.05	259.73	212.28
18101.10	51.94	259.54	212.04
18201.10	51.83	259.34	211.81
18301.10	51.72	259.14	211.58
18401.10	51.61	258.94	211.35
18501.10	51.50	258.75	211.12
18601.10	51.39	258.55	210.90
18701.10	51.28	258.35	210.68
18801.10	51.17	258.16	210.46
18901.10	51.07	257.96	210.24
19001.10	50.96	257.76	210.03
19101.10	50.86	257.57	209.81
19201.10	50.75	257.37	209.60
19301.10	50.64	257.18	209.39
19401.10	50.54	256.98	209.19
19501.10	50.44	256.78	208.98
19601.10	50.33	256.59	208.78
19701.10	50.23	256.39	208.58
19801.10	50.13	256.20	208.38
19901.10	50.02	256.00	208.18
20001.10	49.92	255.81	207.98
20101.10	49.82	255.62	207.79
20201.10	49.72	255.43	207.60
20301.10	49.62	255.24	207.41
20401.10	49.52	255.05	207.22
20501.10	49.43	254.87	207.03
20601.10	49.33	254.69	206.85
20701.10	49.23	254.51	206.66
20801.10	49.14	254.33	206.48
20901.10	49.04	254.15	206.30
21001.10	48.95	253.97	206.12
21101.10	48.86	253.80	205.95
21201.10	48.76	253.62	205.77
21301.10	48.67	253.45	205.60
21401.10	48.58	253.27	205.43
21501.10	48.49	253.10	205.26
21601.10	48.40	252.93	205.09
21701.10	48.31	252.75	204.92
21801.10	48.22	252.58	204.75
21901.10	48.14	252.41	204.59
22001.10	48.05	252.24	204.43

22101.10	47.96	252.07	204.27
22201.10	47.88	251.90	204.11
22301.10	47.79	251.73	203.95
22401.10	47.71	251.56	203.79
22501.10	47.62	251.40	203.63
22601.10	47.54	251.23	203.48
22701.10	47.45	251.06	203.33
22801.10	47.37	250.89	203.17
22901.10	47.29	250.73	203.02
23001.10	47.21	250.56	202.88
23101.10	47.12	250.40	202.73
23201.10	47.04	250.23	202.58
23301.10	46.96	250.07	202.44
23401.10	46.88	249.90	202.29
23501.10	46.80	249.74	202.15
23601.10	46.72	249.57	202.01
23701.10	46.64	249.41	201.87
23801.10	46.57	249.25	201.73
23901.10	46.49	249.08	201.59
24001.10	46.41	248.92	201.45
24101.10	46.33	248.76	201.32
24201.10	46.26	248.60	201.18
24301.10	46.18	248.44	201.05
24401.10	46.10	248.27	200.92
24501.10	46.03	248.11	200.79
24601.10	45.95	247.95	200.66
24701.10	45.88	247.79	200.53
24801.10	45.80	247.63	200.40
24901.10	45.73	247.47	200.27
25001.10	45.66	247.31	200.15
25101.10	45.58	247.15	200.02
25201.10	45.51	246.99	199.90
25301.10	45.44	246.84	199.78
25401.10	45.36	246.68	199.66
25501.10	45.29	246.52	199.54
25601.10	45.22	246.36	199.42
25701.10	45.15	246.20	199.30
25801.10	45.08	246.05	199.18
25901.10	45.01	245.89	199.06
26001.10	44.94	245.73	198.95
26101.10	44.87	245.57	198.83
26201.10	44.80	245.42	198.72
26301.10	44.73	245.26	198.60
26401.10	44.66	245.11	198.49
26501.10	44.59	244.95	198.38
26601.10	44.52	244.79	198.27
26701.10	44.45	244.64	198.16
26801.10	44.38	244.48	198.05
26901.10	44.31	244.33	197.94
27001.10	44.25	244.17	197.83
27101.10	44.18	244.02	197.73

27201.10	44.11	243.86	197.62
27301.10	44.05	243.71	197.52
27401.10	43.98	243.56	197.41
27501.10	43.91	243.40	197.31
27601.10	43.85	243.25	197.21
27701.10	43.78	243.10	197.11
27801.10	43.71	242.94	197.01
27901.10	43.65	242.79	196.90
28001.10	43.58	242.64	196.81
28101.10	43.52	242.48	196.71
28201.10	43.45	242.33	196.61
28301.10	43.39	242.18	196.51
28401.10	43.33	242.03	196.41
28501.10	43.26	241.87	196.32
28601.10	43.20	241.72	196.22
28701.10	43.13	241.57	196.13
28801.10	43.07	241.42	196.03
28901.10	43.01	241.27	195.94
29001.10	42.94	241.12	195.85
29101.10	42.88	240.97	195.76
29201.10	42.82	240.81	195.66
29301.10	42.76	240.66	195.57
29401.10	42.69	240.51	195.48
29501.10	42.63	240.36	195.39
29601.10	42.57	240.21	195.30
29701.10	42.51	240.06	195.22
29801.10	42.45	239.91	195.13
29901.10	42.38	239.76	195.04
30001.10	42.32	239.61	194.95
30101.10	42.26	239.46	194.87
30201.10	42.20	239.32	194.78
30301.10	42.14	239.17	194.70
30401.10	42.08	239.03	194.61
30501.10	42.02	238.88	194.53
30601.10	41.97	238.74	194.45
30701.10	41.91	238.60	194.36
30801.10	41.85	238.46	194.28
30901.10	41.79	238.32	194.20
31001.10	41.73	238.18	194.12
31101.10	41.68	238.04	194.04
31201.10	41.62	237.90	193.96
31301.10	41.57	237.77	193.88
31401.10	41.51	237.63	193.80
31501.10	41.45	237.49	193.72
31601.10	41.40	237.36	193.64
31701.10	41.34	237.22	193.57
31801.10	41.29	237.08	193.49
31901.10	41.24	236.95	193.41
32001.10	41.18	236.81	193.34
32101.10	41.13	236.68	193.26
32201.10	41.07	236.55	193.19

32301.10	41.02	236.41	193.11
32401.10	40.97	236.28	193.04
32501.10	40.92	236.14	192.96
32601.10	40.86	236.01	192.89
32701.10	40.81	235.88	192.82
32801.10	40.76	235.75	192.75
32901.10	40.71	235.62	192.67
33001.10	40.66	235.48	192.60
33101.10	40.61	235.35	192.53
33201.10	40.55	235.22	192.46
33301.10	40.50	235.09	192.39
33401.10	40.45	234.96	192.32
33501.10	40.40	234.83	192.25
33601.10	40.35	234.70	192.19
33701.10	40.30	234.57	192.12
33801.10	40.25	234.44	192.05
33901.10	40.20	234.31	191.98
34001.10	40.16	234.18	191.91
34101.10	40.11	234.05	191.85
34201.10	40.06	233.93	191.78
34301.10	40.01	233.80	191.72
34401.10	39.96	233.67	191.65
34501.10	39.91	233.54	191.59
34601.10	39.87	233.42	191.52
34701.10	39.82	233.29	191.46
34801.10	39.77	233.16	191.39
34901.10	39.72	233.04	191.33
35001.10	39.68	232.91	191.27
35101.10	39.63	232.78	191.20
35201.10	39.58	232.66	191.14
35301.10	39.54	232.53	191.08
35401.10	39.49	232.41	191.02
35501.10	39.45	232.28	190.96
35601.10	39.40	232.16	190.90
35701.10	39.35	232.03	190.84
35801.10	39.31	231.91	190.78
35901.10	39.26	231.78	190.72
36001.10	39.22	231.66	190.66
36101.10	39.17	231.53	190.60
36201.10	39.13	231.41	190.54
36301.10	39.08	231.29	190.48
36401.10	39.04	231.16	190.42
36501.10	38.99	231.04	190.36
36601.10	38.95	230.92	190.31
36701.10	38.91	230.80	190.25
36801.10	38.86	230.67	190.19
36901.10	38.82	230.55	190.14
37001.10	38.77	230.43	190.08
37101.10	38.73	230.31	190.02
37201.10	38.69	230.18	189.97
37301.10	38.64	230.06	189.91

37401.10	38.60	229.94	189.86
37501.10	38.56	229.82	189.80
37601.10	38.52	229.70	189.75
37701.10	38.47	229.58	189.69
37801.10	38.43	229.46	189.64
37901.10	38.39	229.34	189.59
38001.10	38.35	229.22	189.53
38101.10	38.30	229.10	189.48
38201.10	38.26	228.98	189.43
38301.10	38.22	228.86	189.38
38401.10	38.18	228.74	189.32
38501.10	38.14	228.62	189.27
38601.10	38.10	228.50	189.22
38701.10	38.06	228.38	189.17
38801.10	38.01	228.26	189.12
38901.10	37.97	228.14	189.07
39001.10	37.93	228.02	189.02
39101.10	37.89	227.90	188.97
39201.10	37.85	227.78	188.91
39301.10	37.81	227.66	188.87
39401.10	37.77	227.54	188.82
39501.10	37.73	227.43	188.77
39601.10	37.69	227.31	188.72
39701.10	37.65	227.19	188.67
39801.10	37.61	227.07	188.62
39901.10	37.57	226.95	188.57
40001.10	37.53	226.83	188.52
40101.10	37.49	226.72	188.47
40201.10	37.45	226.60	188.43
40301.10	37.41	226.49	188.38
40401.10	37.37	226.37	188.33
40501.10	37.34	226.26	188.29
40601.10	37.30	226.15	188.24
40701.10	37.26	226.04	188.19
40801.10	37.22	225.92	188.15
40901.10	37.18	225.81	188.10
41001.10	37.15	225.70	188.05
41101.10	37.11	225.59	188.01
41201.10	37.07	225.48	187.96
41301.10	37.04	225.37	187.92
41401.10	37.00	225.26	187.87
41501.10	36.96	225.15	187.83
41601.10	36.93	225.05	187.78
41701.10	36.89	224.94	187.74
41801.10	36.86	224.83	187.69
41901.10	36.82	224.72	187.65
42001.10	36.78	224.61	187.61
42101.10	36.75	224.51	187.56
42201.10	36.71	224.40	187.52
42301.10	36.68	224.29	187.48
42401.10	36.64	224.19	187.43

42501.10	36.61	224.08	187.39
42601.10	36.58	223.98	187.35
42701.10	36.54	223.87	187.31
42801.10	36.51	223.76	187.26
42901.10	36.47	223.66	187.22
43001.10	36.44	223.55	187.18
43101.10	36.41	223.45	187.14
43201.10	36.37	223.35	187.10
43301.10	36.34	223.24	187.06
43401.10	36.30	223.14	187.01
43501.10	36.27	223.03	186.97
43601.10	36.24	222.93	186.93
43701.10	36.21	222.83	186.89
43801.10	36.17	222.72	186.85
43901.10	36.14	222.62	186.81
44001.10	36.11	222.52	186.77
44101.10	36.08	222.42	186.73
44201.10	36.04	222.31	186.69
44301.10	36.01	222.21	186.66
44401.10	35.98	222.11	186.62
44501.10	35.95	222.01	186.58
44601.10	35.92	221.91	186.54
44701.10	35.88	221.80	186.50
44801.10	35.85	221.70	186.46
44901.10	35.82	221.60	186.42
45001.10	35.79	221.50	186.39
45101.10	35.76	221.40	186.35
45201.10	35.73	221.30	186.31
45301.10	35.70	221.20	186.27
45401.10	35.67	221.10	186.24
45501.10	35.63	221.00	186.20
45601.10	35.60	220.90	186.16
45701.10	35.57	220.80	186.12
45801.10	35.54	220.70	186.09
45901.10	35.51	220.60	186.05
46001.10	35.48	220.51	186.02
46101.10	35.45	220.41	185.98
46201.10	35.42	220.31	185.94
46301.10	35.39	220.21	185.91
46401.10	35.36	220.11	185.87
46501.10	35.33	220.01	185.84
46601.10	35.30	219.92	185.80
46701.10	35.27	219.82	185.77
46801.10	35.24	219.72	185.73
46901.10	35.22	219.62	185.70
47001.10	35.19	219.53	185.66
47101.10	35.16	219.43	185.63
47201.10	35.13	219.33	185.59
47301.10	35.10	219.23	185.56
47401.10	35.07	219.14	185.52
47501.10	35.04	219.04	185.49

47601.10	35.01	218.95	185.46
47701.10	34.98	218.85	185.42
47801.10	34.96	218.75	185.39
47901.10	34.93	218.66	185.35
48001.10	34.90	218.56	185.32
48101.10	34.87	218.47	185.29
48201.10	34.84	218.37	185.25
48301.10	34.81	218.27	185.22
48401.10	34.79	218.18	185.19
48501.10	34.76	218.08	185.16
48601.10	34.73	217.99	185.12
48701.10	34.70	217.89	185.09
48801.10	34.67	217.80	185.06
48901.10	34.65	217.71	185.03
49001.10	34.62	217.61	184.99
49101.10	34.59	217.52	184.96
49201.10	34.56	217.42	184.93
49301.10	34.54	217.33	184.90
49401.10	34.51	217.23	184.87
49501.10	34.48	217.14	184.84
49601.10	34.45	217.05	184.81
49701.10	34.43	216.95	184.77
49801.10	34.40	216.86	184.74
49901.10	34.37	216.77	184.71
50001.10	34.35	216.67	184.68
50101.10	34.32	216.58	184.65
50201.10	34.29	216.49	184.62
50301.10	34.27	216.40	184.59
50401.10	34.24	216.31	184.56
50501.10	34.21	216.22	184.53
50601.10	34.19	216.13	184.50
50701.10	34.16	216.04	184.47
50801.10	34.14	215.95	184.44
50901.10	34.11	215.86	184.41
51001.10	34.09	215.77	184.38
51101.10	34.06	215.69	184.35
51201.10	34.04	215.60	184.32
51301.10	34.01	215.51	184.29
51401.10	33.99	215.42	184.26
51501.10	33.96	215.34	184.23
51601.10	33.94	215.25	184.20
51701.10	33.91	215.16	184.18
51801.10	33.89	215.08	184.15
51901.10	33.86	214.99	184.12
52001.10	33.84	214.91	184.09
52101.10	33.81	214.82	184.06
52201.10	33.79	214.73	184.03
52301.10	33.77	214.65	184.00
52401.10	33.74	214.56	183.98
52501.10	33.72	214.48	183.95
52601.10	33.70	214.39	183.92

52701.10	33.67	214.31	183.89
52801.10	33.65	214.23	183.87
52901.10	33.62	214.14	183.84
53001.10	33.60	214.06	183.81
53101.10	33.58	213.97	183.78
53201.10	33.55	213.89	183.76
53301.10	33.53	213.81	183.73
53401.10	33.51	213.72	183.70
53501.10	33.49	213.64	183.68
53601.10	33.46	213.56	183.65
53701.10	33.44	213.48	183.62
53801.10	33.42	213.39	183.60
53901.10	33.40	213.31	183.57
54001.10	33.37	213.23	183.54
54101.10	33.35	213.15	183.52
54201.10	33.33	213.07	183.49
54301.10	33.31	212.98	183.46
54401.10	33.28	212.90	183.44
54501.10	33.26	212.82	183.41
54601.10	33.24	212.74	183.39
54701.10	33.22	212.66	183.36
54801.10	33.20	212.58	183.34
54901.10	33.17	212.50	183.31
55001.10	33.15	212.42	183.28
55101.10	33.13	212.34	183.26
55201.10	33.11	212.26	183.23
55301.10	33.09	212.18	183.21
55401.10	33.07	212.10	183.18
55501.10	33.05	212.02	183.16
55601.10	33.02	211.94	183.13
55701.10	33.00	211.86	183.11
55801.10	32.98	211.78	183.08
55901.10	32.96	211.70	183.06
56001.10	32.94	211.62	183.04
56101.10	32.92	211.54	183.01
56201.10	32.90	211.46	182.99
56301.10	32.88	211.38	182.96
56401.10	32.86	211.31	182.94
56501.10	32.84	211.23	182.91
56601.10	32.81	211.15	182.89
56701.10	32.79	211.07	182.87
56801.10	32.77	210.99	182.84
56901.10	32.75	210.92	182.82
57001.10	32.73	210.84	182.80
57101.10	32.71	210.76	182.77
57201.10	32.69	210.68	182.75
57301.10	32.67	210.60	182.73
57401.10	32.65	210.53	182.70
57501.10	32.63	210.45	182.68
57601.10	32.61	210.37	182.66
57701.10	32.59	210.30	182.63

57801.10	32.57	210.22	182.61
57901.10	32.55	210.14	182.59
58001.10	32.53	210.07	182.57
58101.10	32.51	209.99	182.54
58201.10	32.49	209.91	182.52
58301.10	32.47	209.84	182.50
58401.10	32.45	209.76	182.47
58501.10	32.43	209.69	182.45
58601.10	32.41	209.61	182.43
58701.10	32.39	209.53	182.41
58801.10	32.37	209.46	182.39
58901.10	32.35	209.38	182.36
59001.10	32.34	209.31	182.34
59101.10	32.32	209.23	182.32
59201.10	32.30	209.16	182.30
59301.10	32.28	209.08	182.28
59401.10	32.26	209.01	182.25
59501.10	32.24	208.93	182.23
59601.10	32.22	208.86	182.21
59701.10	32.20	208.78	182.19
59801.10	32.18	208.71	182.17
59901.10	32.16	208.63	182.15
60001.10	32.14	208.56	182.13
60101.10	32.13	208.48	182.11
60201.10	32.11	208.41	182.08
60301.10	32.09	208.34	182.06
60401.10	32.07	208.27	182.04
60501.10	32.05	208.19	182.02
60601.10	32.03	208.12	182.00
60701.10	32.01	208.05	181.98
60801.10	32.00	207.98	181.96
60901.10	31.98	207.91	181.94
61001.10	31.96	207.84	181.92
61101.10	31.94	207.77	181.90
61201.10	31.92	207.70	181.88
61301.10	31.91	207.63	181.86
61401.10	31.89	207.56	181.84
61501.10	31.87	207.49	181.82
61601.10	31.85	207.42	181.80
61701.10	31.84	207.35	181.78
61801.10	31.82	207.28	181.76
61901.10	31.80	207.21	181.74
62001.10	31.79	207.14	181.72
62101.10	31.77	207.07	181.70
62201.10	31.75	207.00	181.68
62301.10	31.73	206.93	181.66
62401.10	31.72	206.86	181.64
62501.10	31.70	206.79	181.62
62601.10	31.68	206.73	181.60
62701.10	31.67	206.66	181.58
62801.10	31.65	206.59	181.56

62901.10	31.63	206.52	181.54
63001.10	31.62	206.46	181.52
63101.10	31.60	206.39	181.50
63201.10	31.58	206.32	181.48
63301.10	31.57	206.25	181.46
63401.10	31.55	206.19	181.44
63501.10	31.53	206.12	181.43
63601.10	31.52	206.05	181.41
63701.10	31.50	205.99	181.39
63801.10	31.49	205.92	181.37
63901.10	31.47	205.85	181.35
64001.10	31.45	205.79	181.33
64101.10	31.44	205.72	181.31
64201.10	31.42	205.65	181.29
64301.10	31.41	205.59	181.28
64401.10	31.39	205.52	181.26
64501.10	31.37	205.46	181.24
64601.10	31.36	205.39	181.22
64701.10	31.34	205.33	181.20
64801.10	31.33	205.26	181.19
64901.10	31.31	205.19	181.17
65001.10	31.30	205.13	181.15
65101.10	31.28	205.06	181.13
65201.10	31.26	205.00	181.11
65301.10	31.25	204.94	181.10
65401.10	31.23	204.87	181.08
65501.10	31.22	204.81	181.06
65601.10	31.20	204.74	181.04
65701.10	31.19	204.68	181.03
65801.10	31.17	204.61	181.01
65901.10	31.16	204.55	180.99
66001.10	31.14	204.49	180.97
66101.10	31.13	204.42	180.96
66201.10	31.11	204.36	180.94
66301.10	31.10	204.29	180.92
66401.10	31.08	204.23	180.90
66501.10	31.07	204.17	180.89
66601.10	31.05	204.10	180.87
66701.10	31.04	204.04	180.85
66801.10	31.02	203.98	180.84
66901.10	31.01	203.91	180.82
67001.10	30.99	203.85	180.80
67101.10	30.98	203.79	180.79
67201.10	30.96	203.73	180.77
67301.10	30.95	203.66	180.75
67401.10	30.93	203.60	180.74
67501.10	30.92	203.54	180.72
67601.10	30.91	203.48	180.70
67701.10	30.89	203.41	180.69
67801.10	30.88	203.35	180.67
67901.10	30.86	203.29	180.65

68001.10	30.85	203.23	180.64
68101.10	30.83	203.17	180.62
68201.10	30.82	203.10	180.60
68301.10	30.80	203.04	180.59
68401.10	30.79	202.98	180.57
68501.10	30.78	202.92	180.56
68601.10	30.76	202.86	180.54
68701.10	30.75	202.80	180.52
68801.10	30.73	202.74	180.51
68901.10	30.72	202.67	180.49
69001.10	30.71	202.61	180.48
69101.10	30.69	202.55	180.46
69201.10	30.68	202.49	180.45
69301.10	30.66	202.43	180.43
69401.10	30.65	202.37	180.41
69501.10	30.64	202.31	180.40
69601.10	30.62	202.25	180.38
69701.10	30.61	202.19	180.37
69801.10	30.59	202.13	180.35
69901.10	30.58	202.07	180.34
70001.10	30.57	202.01	180.32
70101.10	30.55	201.95	180.31
70201.10	30.54	201.89	180.29
70301.10	30.53	201.83	180.28
70401.10	30.51	201.77	180.26
70501.10	30.50	201.71	180.25
70601.10	30.48	201.65	180.23
70701.10	30.47	201.59	180.22
70801.10	30.46	201.53	180.20
70901.10	30.44	201.48	180.19
71001.10	30.43	201.42	180.17
71101.10	30.42	201.36	180.16
71201.10	30.41	201.30	180.14
71301.10	30.39	201.24	180.13
71401.10	30.38	201.19	180.11
71501.10	30.37	201.13	180.10
71601.10	30.35	201.07	180.08
71701.10	30.34	201.02	180.07
71801.10	30.33	200.96	180.05
71901.10	30.31	200.90	180.04
72001.10	30.30	200.84	180.02
72101.10	30.29	200.79	180.01
72201.10	30.28	200.73	179.99
72301.10	30.26	200.68	179.98
72401.10	30.25	200.62	179.97
72501.10	30.24	200.56	179.95
72601.10	30.23	200.51	179.94
72701.10	30.21	200.45	179.92
72801.10	30.20	200.39	179.91
72901.10	30.19	200.34	179.90
73001.10	30.18	200.28	179.88

73101.10	30.16	200.23	179.87
73201.10	30.15	200.17	179.85
73301.10	30.14	200.12	179.84
73401.10	30.13	200.06	179.83
73501.10	30.11	200.01	179.81
73601.10	30.10	199.95	179.80
73701.10	30.09	199.89	179.78
73801.10	30.08	199.84	179.77
73901.10	30.07	199.78	179.76
74001.10	30.05	199.73	179.74
74101.10	30.04	199.68	179.73
74201.10	30.03	199.62	179.72
74301.10	30.02	199.57	179.70
74401.10	30.01	199.51	179.69
74501.10	29.99	199.46	179.67
74601.10	29.98	199.40	179.66
74701.10	29.97	199.35	179.65
74801.10	29.96	199.29	179.63
74901.10	29.95	199.24	179.62
75001.10	29.93	199.19	179.61
75101.10	29.92	199.13	179.59
75201.10	29.91	199.08	179.58
75301.10	29.90	199.03	179.57
75401.10	29.89	198.97	179.56
75501.10	29.88	198.92	179.54
75601.10	29.86	198.86	179.53
75701.10	29.85	198.81	179.52
75801.10	29.84	198.76	179.50
75901.10	29.83	198.70	179.49
76001.10	29.82	198.65	179.48
76101.10	29.81	198.60	179.46
76201.10	29.79	198.55	179.45
76301.10	29.78	198.49	179.44
76401.10	29.77	198.44	179.43
76501.10	29.76	198.39	179.41
76601.10	29.75	198.33	179.40
76701.10	29.74	198.28	179.39
76801.10	29.73	198.23	179.38
76901.10	29.72	198.18	179.36
77001.10	29.70	198.12	179.35
77101.10	29.69	198.07	179.34
77201.10	29.68	198.02	179.33
77301.10	29.67	197.97	179.31
77401.10	29.66	197.91	179.30
77501.10	29.65	197.86	179.29
77601.10	29.64	197.81	179.28
77701.10	29.63	197.76	179.26
77801.10	29.61	197.71	179.25
77901.10	29.60	197.65	179.24
78001.10	29.59	197.60	179.23
78101.10	29.58	197.55	179.21

78201.10	29.57	197.50	179.20
78301.10	29.56	197.45	179.19
78401.10	29.55	197.40	179.18
78501.10	29.54	197.35	179.17
78601.10	29.53	197.29	179.15
78701.10	29.52	197.24	179.14
78801.10	29.50	197.19	179.13
78901.10	29.49	197.14	179.12
79001.10	29.48	197.09	179.11
79101.10	29.47	197.04	179.09
79201.10	29.46	196.99	179.08
79301.10	29.45	196.94	179.07
79401.10	29.44	196.88	179.06
79501.10	29.43	196.83	179.05
79601.10	29.42	196.78	179.04
79701.10	29.41	196.73	179.02
79801.10	29.40	196.68	179.01
79901.10	29.39	196.63	179.00
80001.10	29.38	196.58	178.99
80101.10	29.36	196.53	178.98
80201.10	29.35	196.48	178.97
80301.10	29.34	196.43	178.95
80401.10	29.33	196.38	178.94
80501.10	29.32	196.33	178.93
80601.10	29.31	196.28	178.92
80701.10	29.30	196.23	178.91
80801.10	29.29	196.18	178.90
80901.10	29.28	196.13	178.89
81001.10	29.27	196.09	178.87
81101.10	29.26	196.04	178.86
81201.10	29.25	195.99	178.85
81301.10	29.24	195.94	178.84
81401.10	29.23	195.89	178.83
81501.10	29.22	195.84	178.82
81601.10	29.21	195.80	178.81
81701.10	29.20	195.75	178.80
81801.10	29.19	195.70	178.78
81901.10	29.18	195.65	178.77
82001.10	29.17	195.60	178.76
82101.10	29.16	195.56	178.75
82201.10	29.15	195.51	178.74
82301.10	29.14	195.46	178.73
82401.10	29.13	195.41	178.72
82501.10	29.12	195.37	178.71
82601.10	29.11	195.32	178.70
82701.10	29.10	195.27	178.69
82801.10	29.09	195.22	178.67
82901.10	29.08	195.18	178.66
83001.10	29.07	195.13	178.65
83101.10	29.06	195.08	178.64
83201.10	29.05	195.04	178.63

83301.10	29.04	194.99	178.62
83401.10	29.03	194.94	178.61
83501.10	29.02	194.90	178.60
83601.10	29.01	194.85	178.59
83701.10	29.00	194.80	178.58
83801.10	28.99	194.76	178.57
83901.10	28.98	194.71	178.56
84001.10	28.98	194.66	178.55
84101.10	28.97	194.62	178.54
84201.10	28.96	194.57	178.53
84301.10	28.95	194.53	178.51
84401.10	28.94	194.48	178.50
84501.10	28.93	194.43	178.49
84601.10	28.92	194.39	178.48
84701.10	28.91	194.34	178.47
84801.10	28.90	194.30	178.46
84901.10	28.89	194.25	178.45
85001.10	28.88	194.21	178.44
85101.10	28.87	194.16	178.43
85201.10	28.86	194.11	178.42
85301.10	28.85	194.07	178.41
85401.10	28.84	194.02	178.40
85501.10	28.84	193.98	178.39
85601.10	28.83	193.93	178.38
85701.10	28.82	193.89	178.37
85801.10	28.81	193.84	178.36
85901.10	28.80	193.80	178.35
86001.10	28.79	193.75	178.34
86101.10	28.78	193.71	178.33
86201.10	28.77	193.66	178.32
86301.10	28.76	193.62	178.31
86400.00	28.75	193.57	178.30