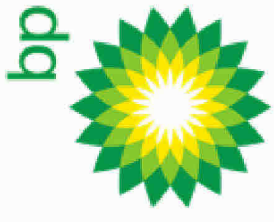


From: Caldwell, Jason
Sent: Sat May 22 22:41:15 2010
To: Maguire, Niall J
Subject: Slide Pack
Importance: Normal
Attachments: Secretary Salazar May 23 2010.ppt

<<...>>

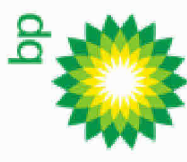
Jason Caldwell
Executive Assistant to James Dupree
BP Gulf of Mexico SPU
281-366-1982 (O)
281-366-4300 (F)
713-249-1732 (M)



Deepwater Horizon Review

Sunday May 23, 2010

Top Kill



Diagnostics Program

Can we kill the well?

Prerequisites Before Starting:

- Model Confirms We Can Kill Well
- 18" Casing Set on Relief Well
- RITT Removed
- Casing Shears re-closed
- Dispersant Approval
- Kit for Riser Cut
- Containment Tool Kit on Bottom
- HC Connector on DDII Stack

Pumping

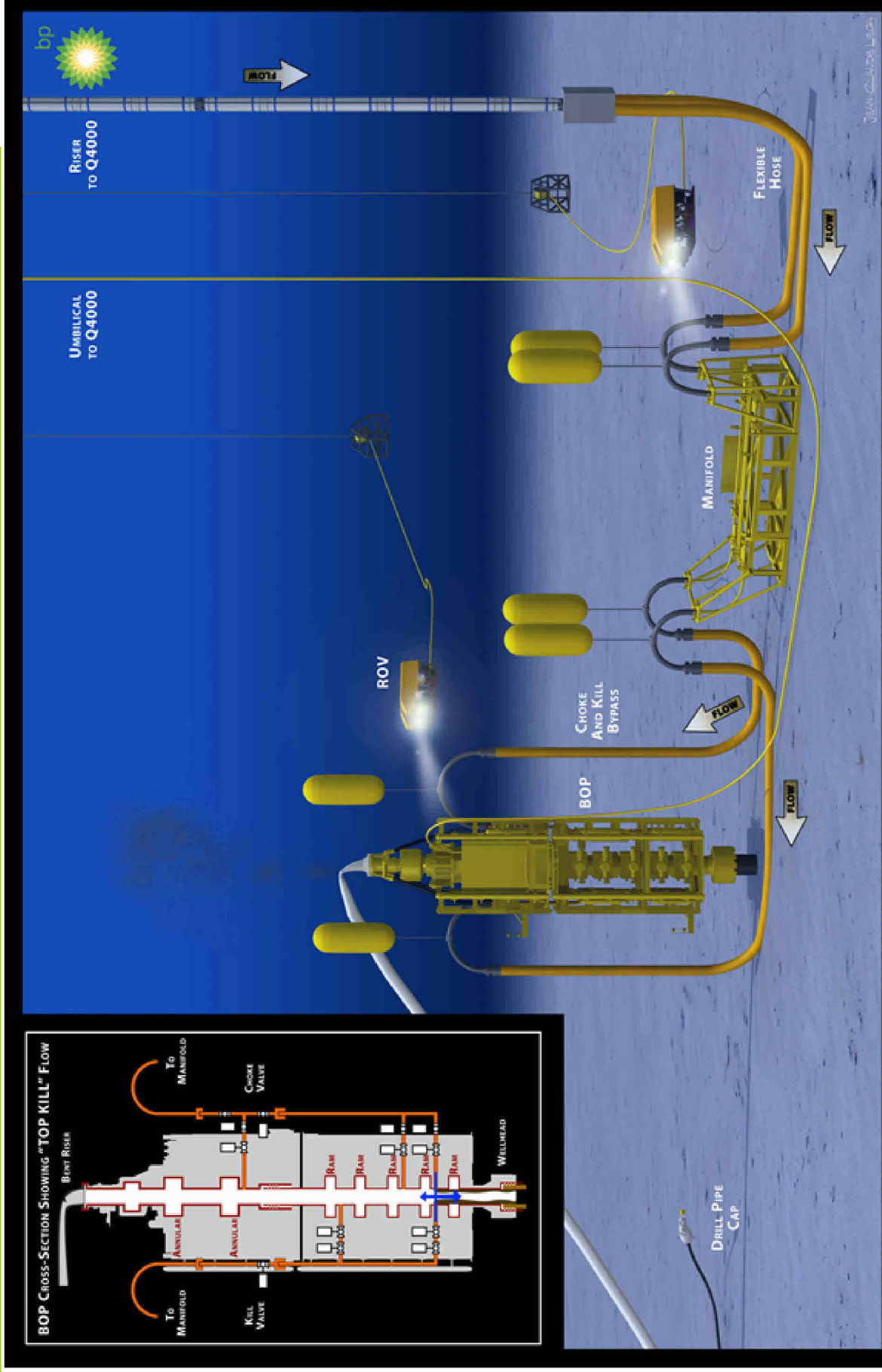
1. Mud Momentum Kill
2. Partial Bridge & Continue Mud Momentum Kill
3. Seal & Continue Mud Momentum Kill

Is the Well Dead?

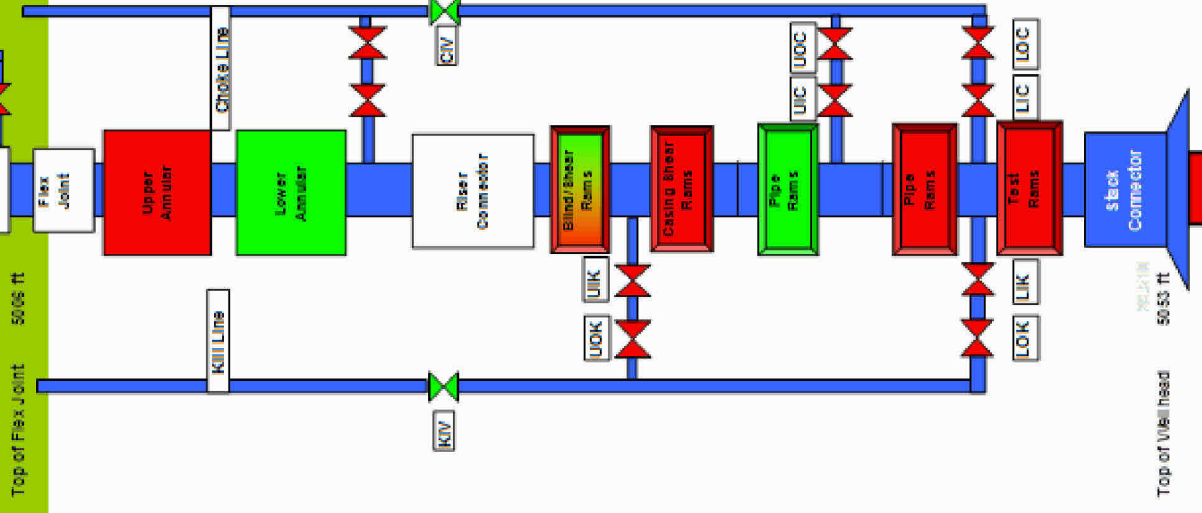
- Flow at Mudline—Not Dead
- Static—Dead
- Suction—Dead?

Pump Cement

Top Kill Sub-Sea Layout

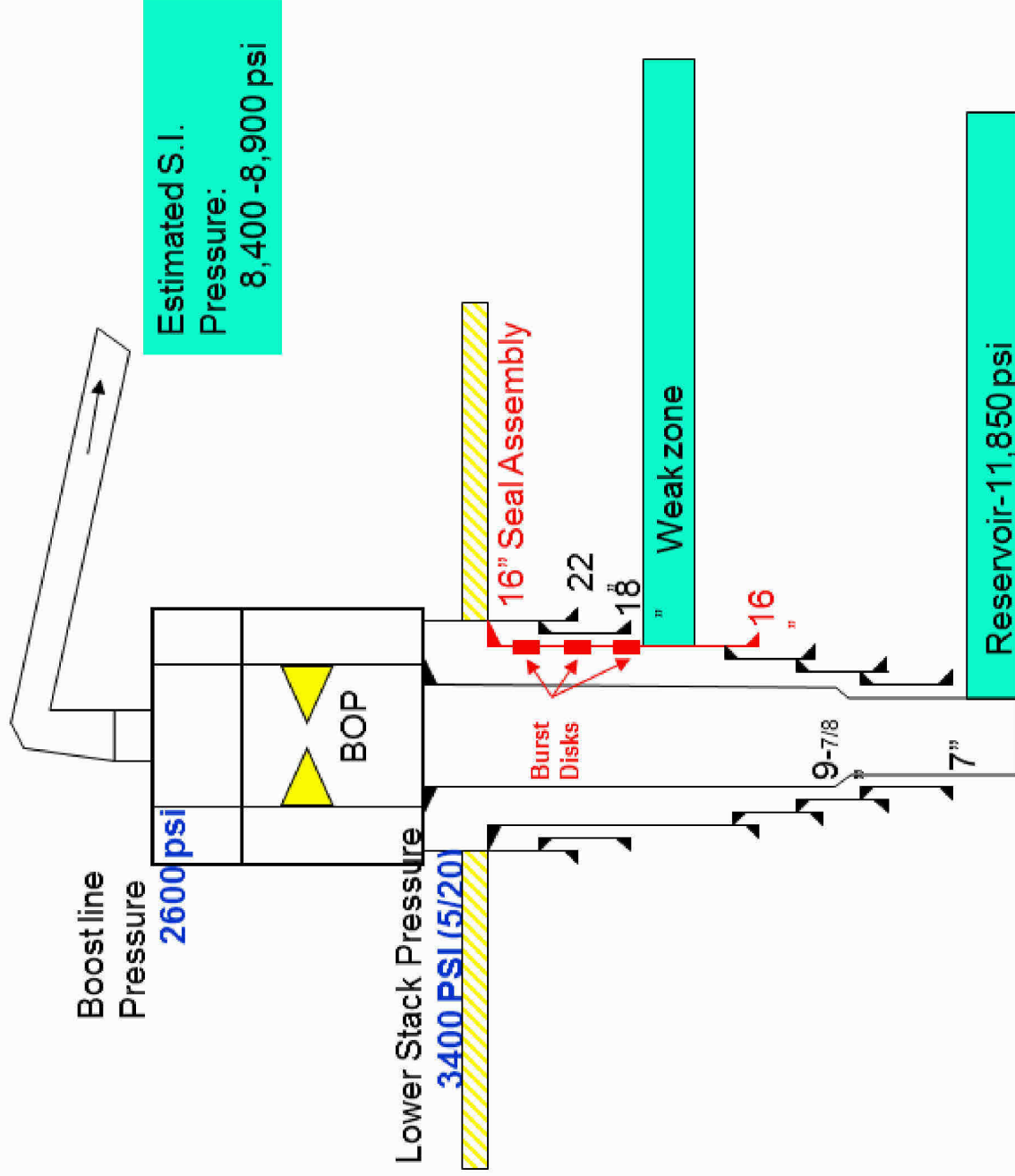
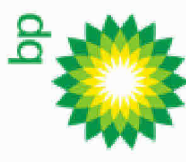


Diagnostic Objectives

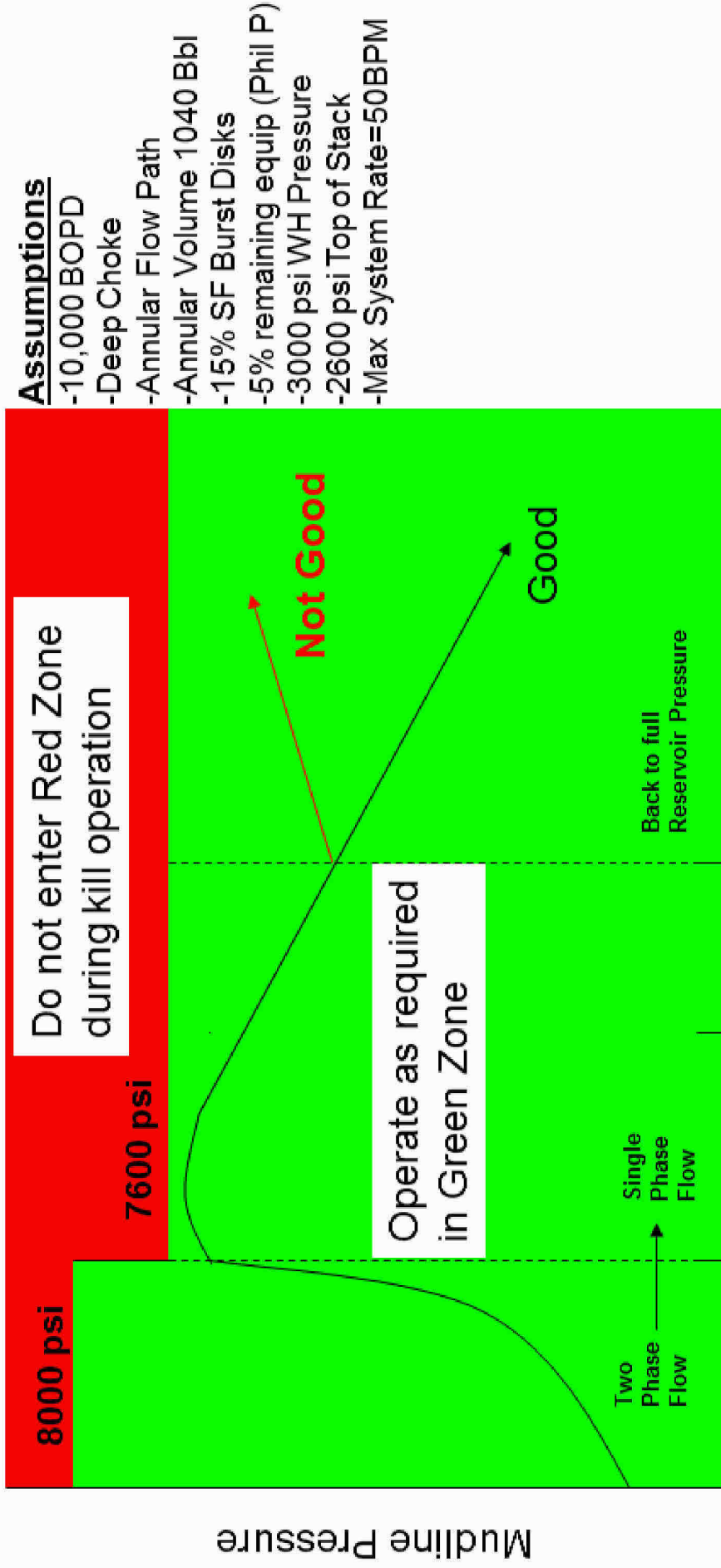


- 1. Ability to Kill Well**
 - Functionality of valves
 - Blockages in system
 - Number of access points
- 2. Identify ΔP**
 - BOP and LMRP
 - Confidence to kill well
 - Preferred route to pump
- 3. Identification of Closed Chambers**
 - Drill pipe or not
 - Ram seals or not
- 4. Restrictions or Limitations to Pump Kill**
 - Alternatives or backups to path
 - Verify installed equipment pressure drops

System Pressure Limitations



Top Kill Pump Schedule Boundaries



Assumptions

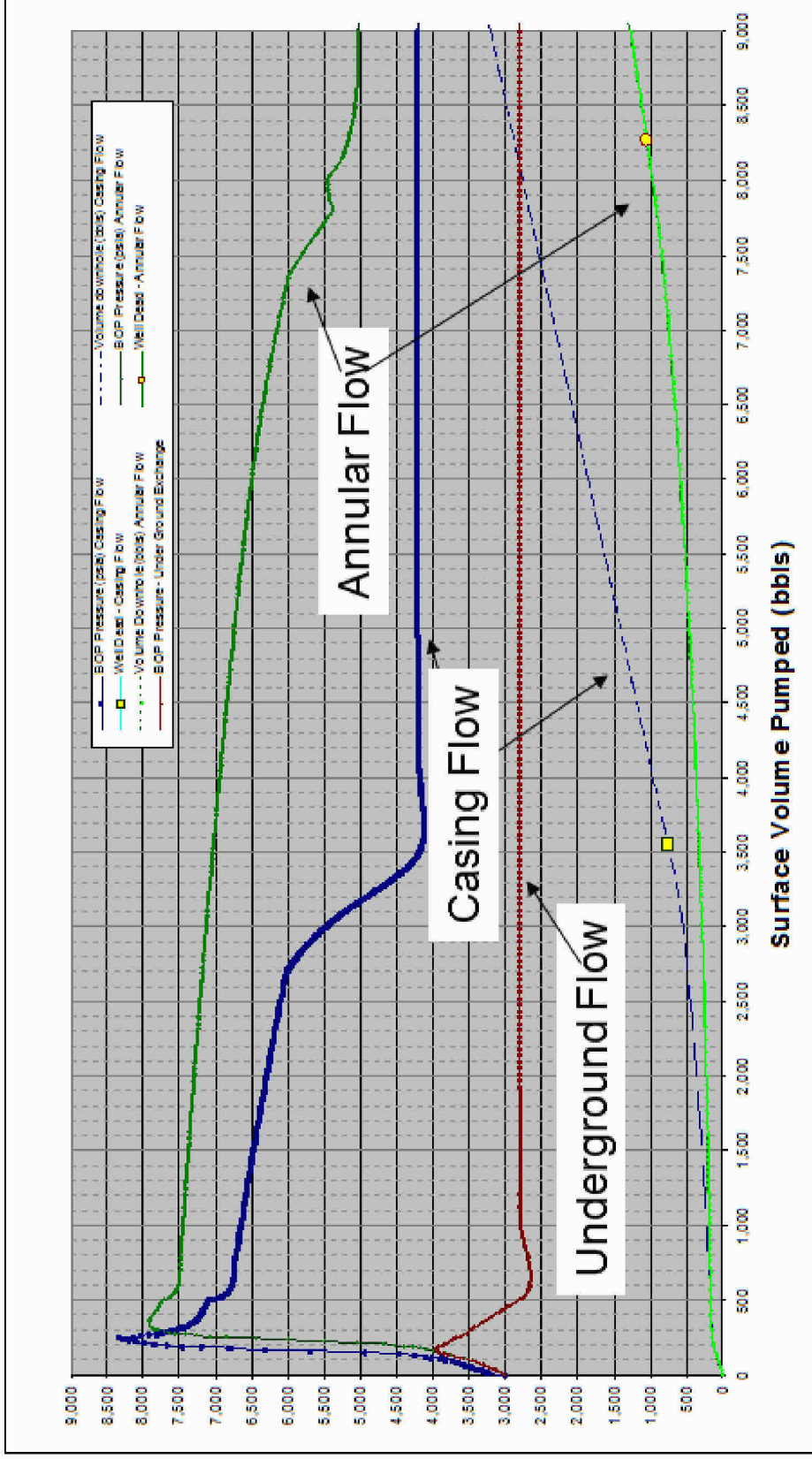
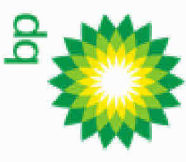
- 10,000 BOPD
- Deep Choke
- Annular Flow Path
- Annular Volume 1040 Bbl
- 15% SF Burst Disks
- 5% remaining equip (Phil P)
- 3000 psi WH Pressure
- 2600 psi Top of Stack
- Max System Rate=50BPM

End of Job

Disk 1	Disk 2	Disk 3	
Barrels Pumped 300	600	600	8300
Minutes (App) 6	15	20	210

5/21/10

Wellbore Geometry Kill Modeling



Assumption: 10,000 STBO/D, 400 psi differential in BOP's, Deep flow restriction
 50 BPM for 5 minutes then 40 BPM until finished pumping,
16.4 ppg mud for 500 bbls then 14.2 ppg mud until finished

The Fleet for the Top Kill



HALLIBURTON STIM STAR III
(STANDBY KILL VESSEL)
LENGTH - 260 FT BEAM - 56 FT
FLUID CAPACITY - 8,870 BBL
PUMPING PRESSURE - 15,000 PSI
PUMP RATE MAX - 64 BBL/MIN (8 PUMPS)

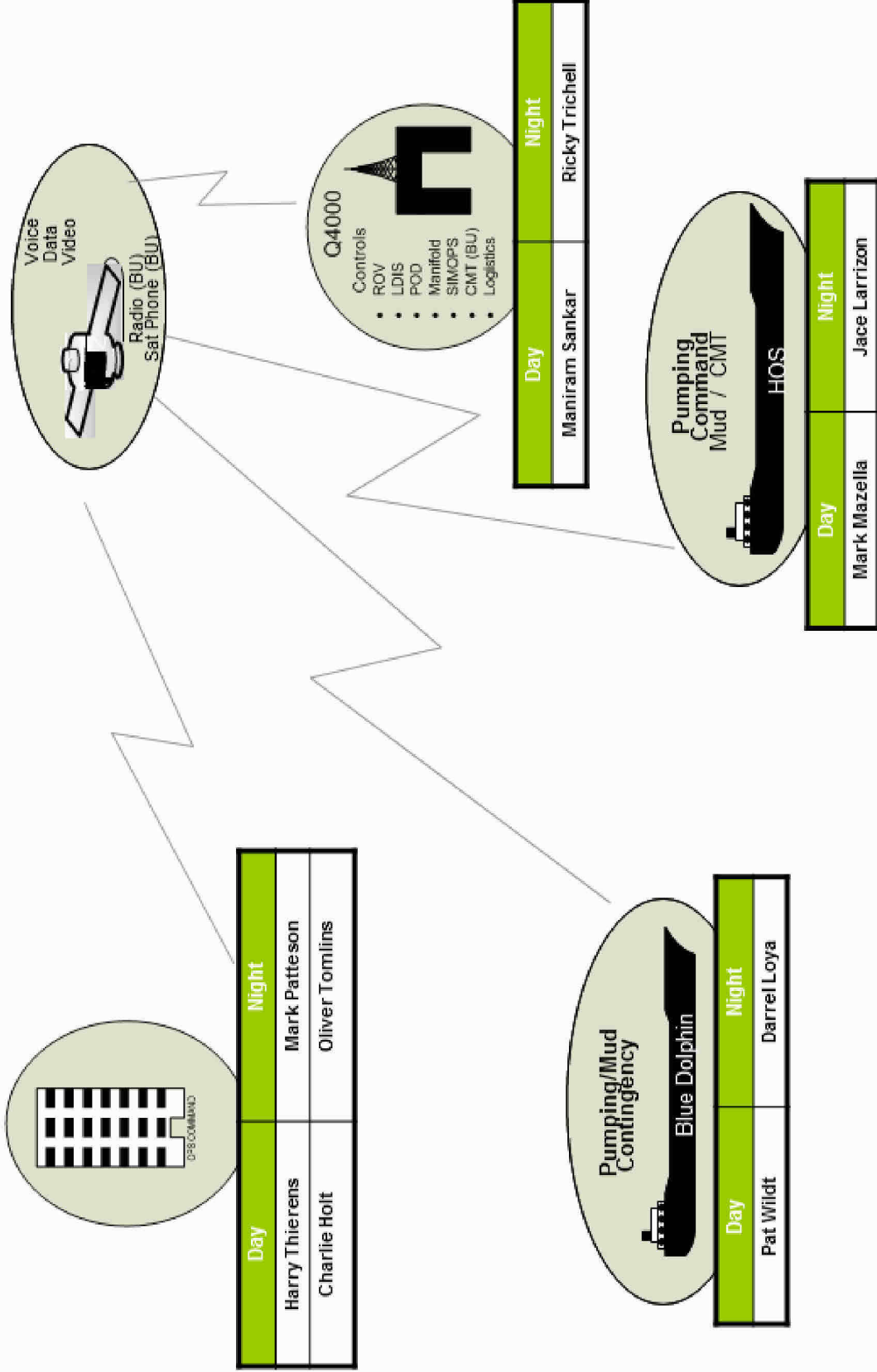
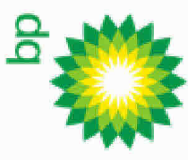
Q4000
ACCOMMODATION - 133 PEOPLE
LENGTH - 312 FT BEAM - 209 FT
CRANE CAPACITY - 360 TON
DECK CAPACITY - 4,000 TON

HOS STRONGLINE
(STANDBY VESSEL FOR MUD SUPPLY)
ACCOMMODATION - 52 PEOPLE
LENGTH - 381 FT BEAM - 72 FT
DECK AREA - 13,920 SQ FT.
DISCHARGE RATE - 50 BBL/MIN
LIQUID MUD STORAGE - 31,170 BBL

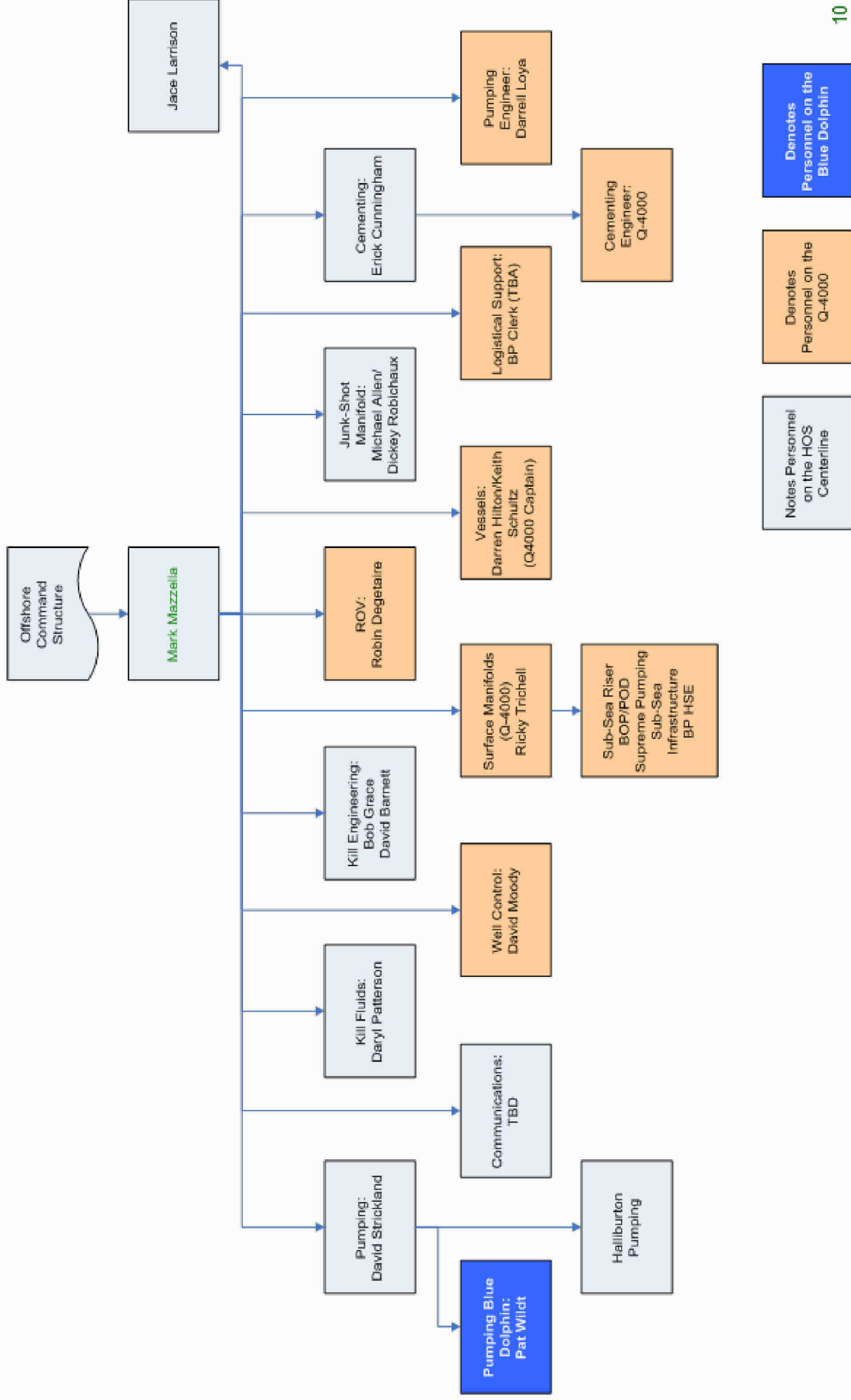
HOS CENTERLINE
(PRIMARY KILL VESSEL)
ACCOMMODATION - 67 PEOPLE
LENGTH - 381 FT BEAM - 72 FT
DECK AREA - 13,920 SQ FT.
DISCHARGE RATE - 50 BBL/MIN
LIQUID MUD STORAGE - 31,170 BBL
HALIBURTON KILL & CEMENTING EQ.-
(50BBL/MIN OUTPUT, 15,000HP)

BJ SERVICES BLUE DOLPHIN
(SECONDARY KILL VESSEL)
ACCOMMODATION - 45 PEOPLE
LENGTH - 300 FT BEAM - 60 FT
FLUID CAPACITY - 11,800 BBL
PUMPING PRESSURE - 20,000 PSI
PUMP RATE MAX - 80 BBL/MIN (9 PUMPS)

Communications & Command



Offshore Organizational Chart



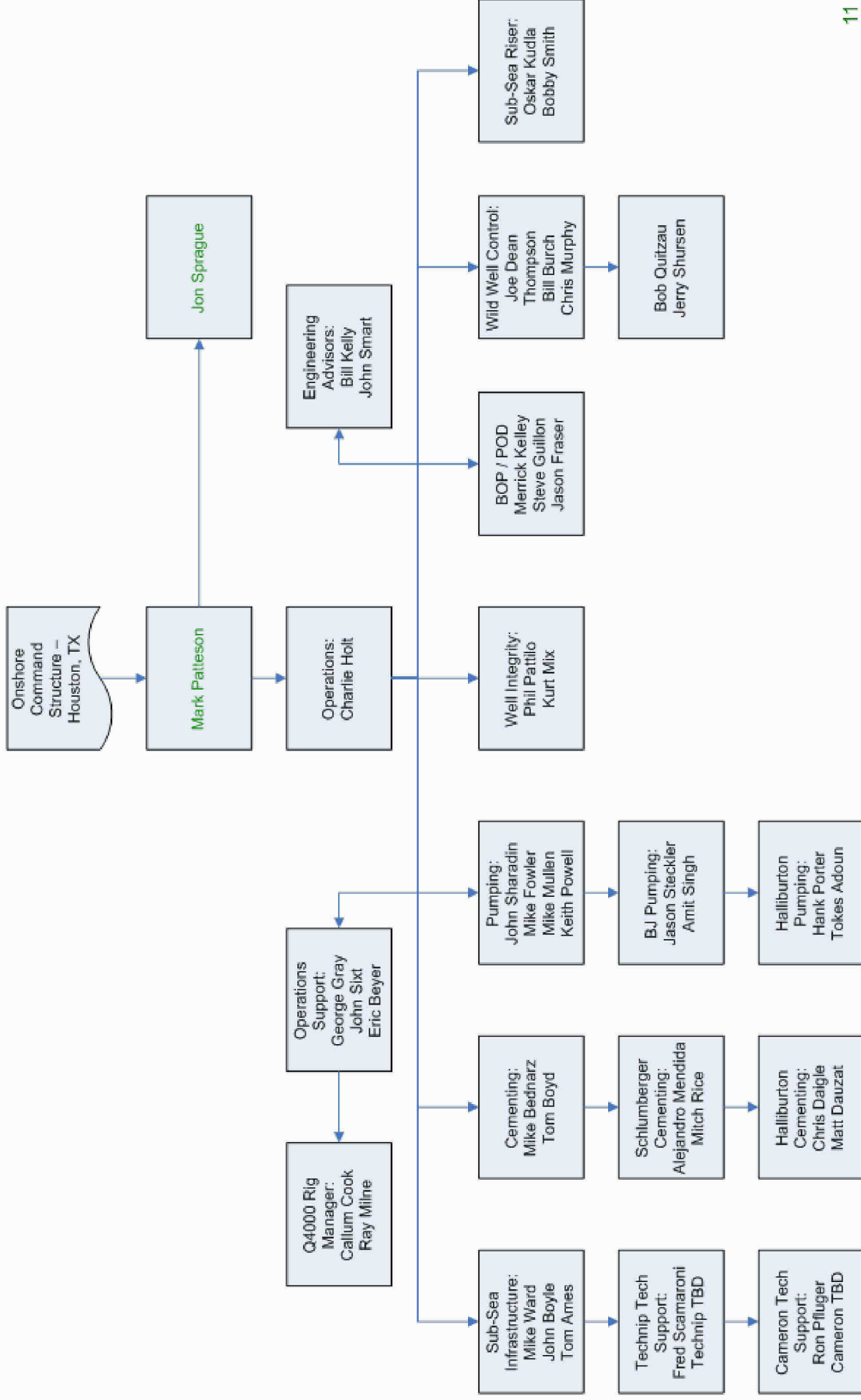
Notes Personnel on the HOS Centerline

Denotes Personnel on the Q-4000

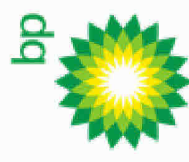
Denotes Personnel on the Blue Dolphin



Onshore Organizational Chart

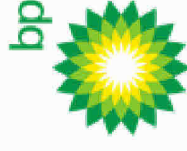


Key Decisions



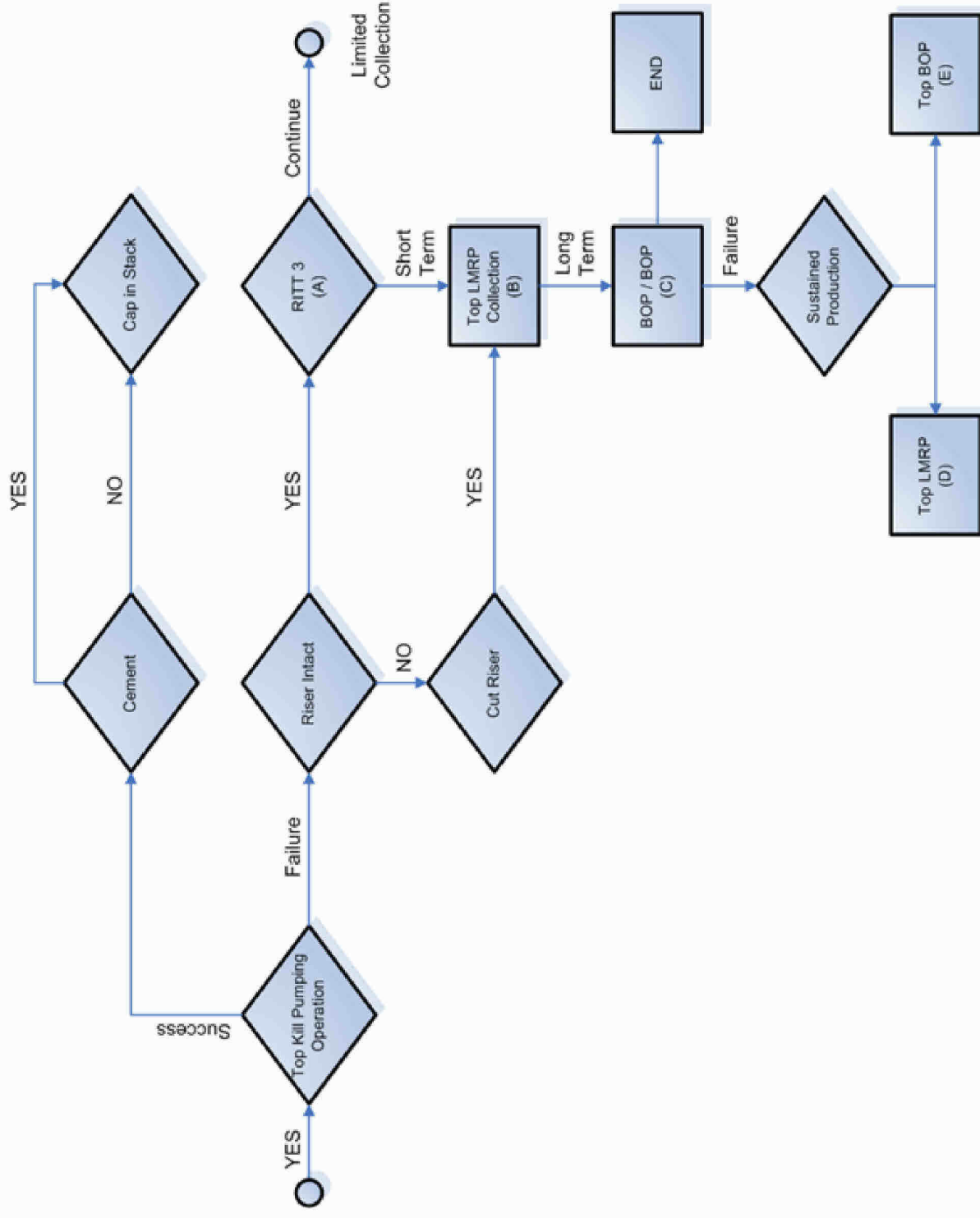
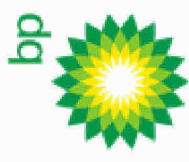
- **Go/No Go**
- Can we kill the well?
- Is the well dead?
- Bridging & Sealing BOP
- **Cementing**
- **BOP on BOP**
- **Cut Riser**
- **Weather Impacts**
- **Changing to BU boat**
- **Riser kink failure**
- **Working the hours of darkness**

“Don’t Make It Worse” Top Risks



- **Broach at the Seabed**
 - 15% SF on Burst Disk
 - Pump Schedule
- **Do Not Kill Well, More Oil Flowing**
 - Erosion/Kink
- **People, Pressure, SIMOPS**
 - Operational Control
 - Organization
 - Communications
- **Pressure Data Reliability**
 - 5 Sources SS
 - Surface to SS Pressure Relationship – Finger Printing
- **Impact Relief Well Success**
- **Public Perception of Failure**

Decision Tree



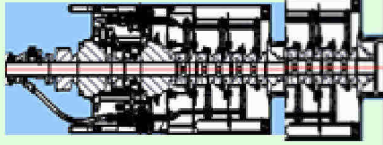
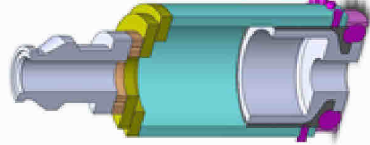
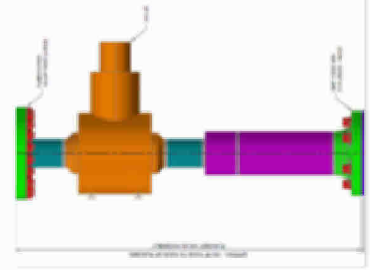
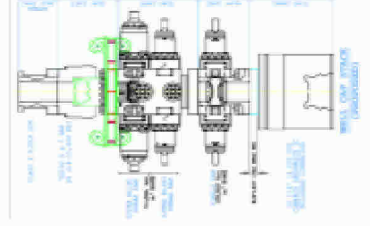
Subsea Containment



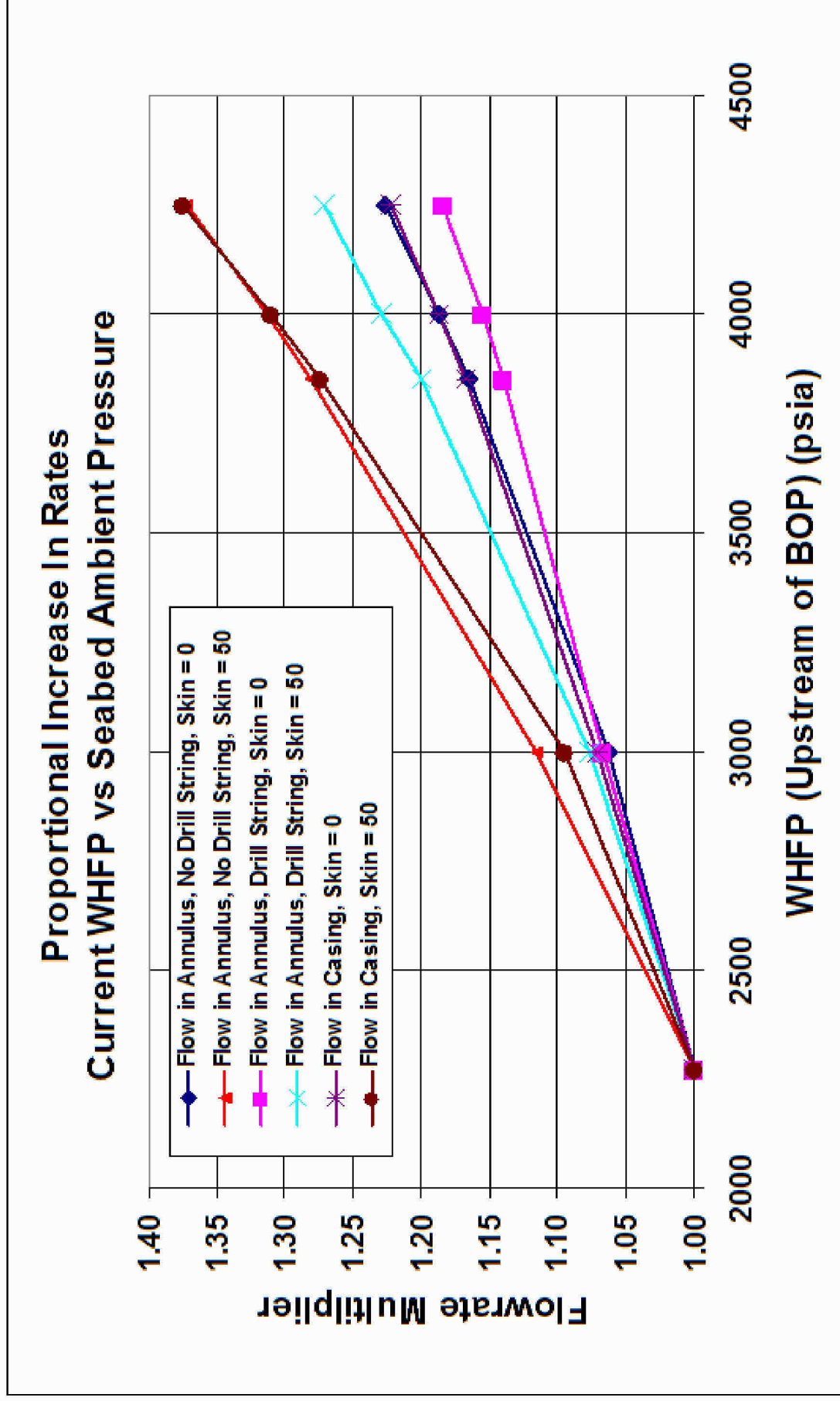
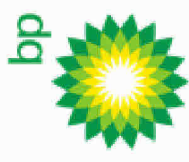
Option	RITT1	RITT2	(A) RITT3	Hot Tap	Top Hat End of Riser	(B) LMRP Cap	BOP Cap
Location	Operational	Seafloor	Construction	Construction	Seafloor	Construction	Construction
Execution Issues	<ul style="list-style-type: none"> Collection is not 100% 	<ul style="list-style-type: none"> Collection is not 100% 	<ul style="list-style-type: none"> Collection is not 100% 	<ul style="list-style-type: none"> Drill and seal tap Crimp Riser Seals 	<ul style="list-style-type: none"> Collection is not 100% Potential for hydrate formation Pipe in Trench 	<ul style="list-style-type: none"> Hydrate 	<ul style="list-style-type: none"> Hydrate LMRP Removal
Risk	<ul style="list-style-type: none"> Low Risk - Proven 	<ul style="list-style-type: none"> Low Risk - Proven 	<ul style="list-style-type: none"> Low Risk - Proven 	<ul style="list-style-type: none"> Moderate 	<ul style="list-style-type: none"> Tool lift off 	<ul style="list-style-type: none"> Tool lift off 	<ul style="list-style-type: none"> Tool lift off

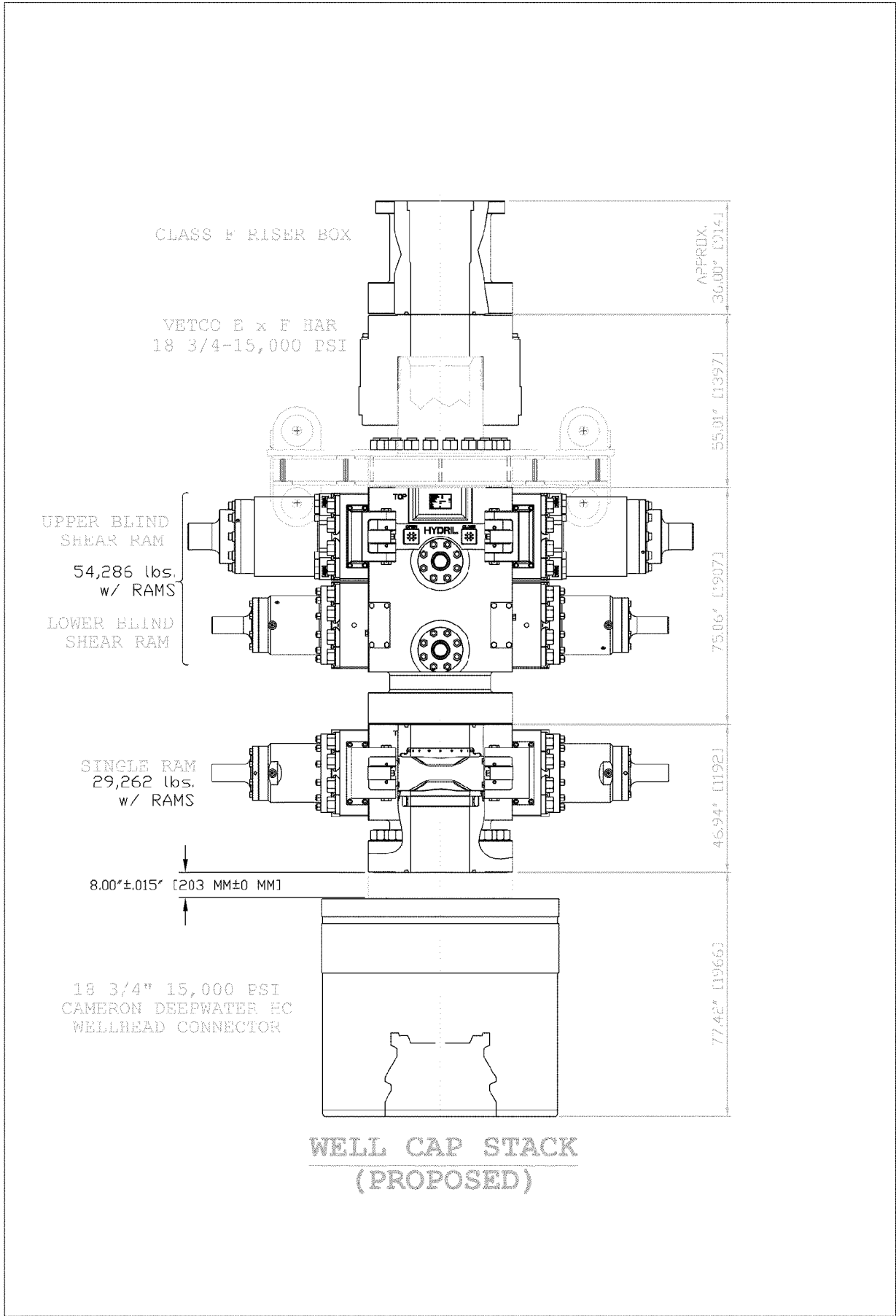
Valve Stack

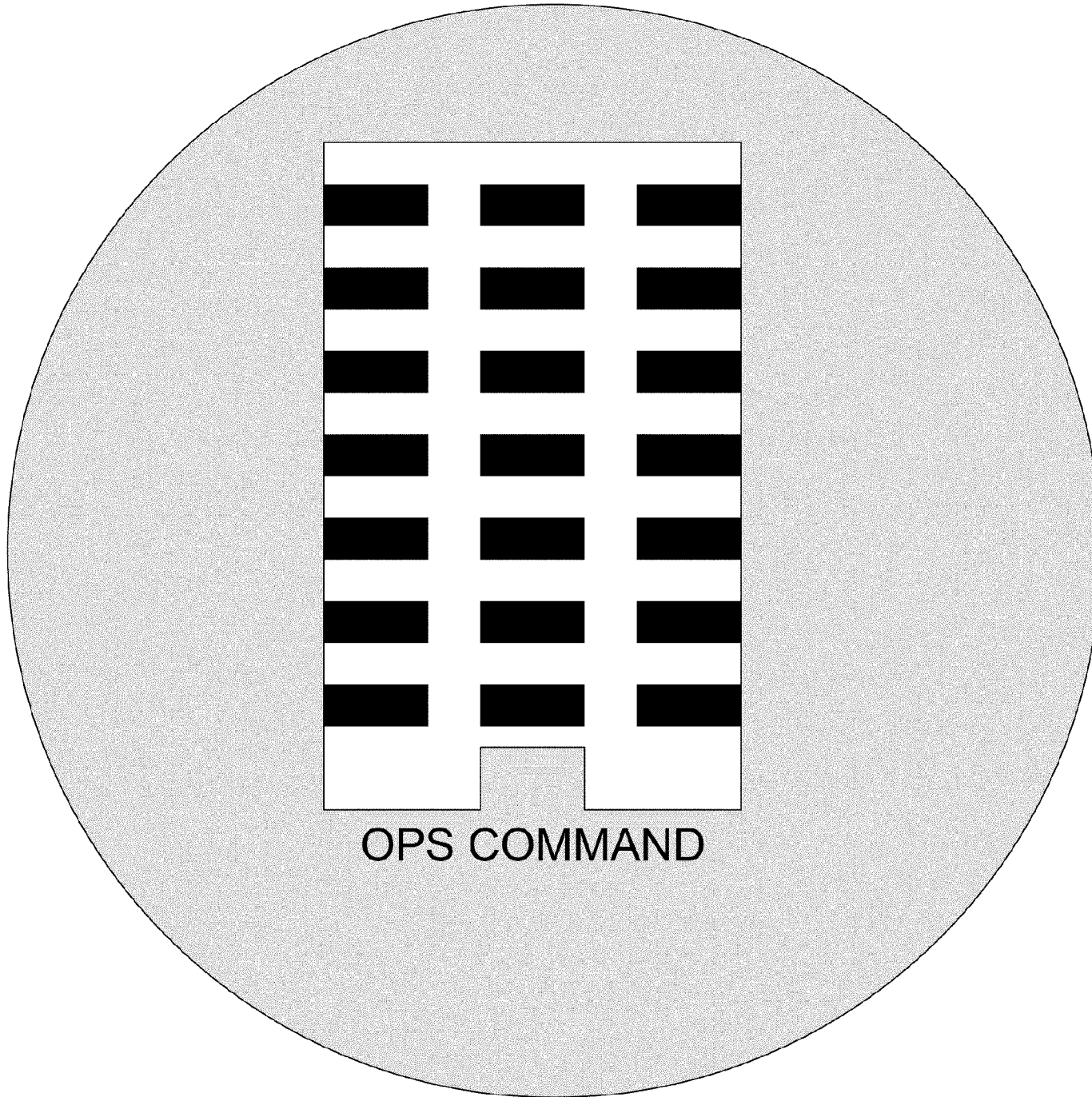


Option	(C) BOP on BOP	(D) Flex Joint Overshot	Swing Valve on LMRP	Cap Stack on LMRP
Execution Issues	 <ul style="list-style-type: none"> • Removal of LMRP • Hydrate formation • Drill pipe presence? • Bleed Pressure 	 <ul style="list-style-type: none"> • Hydrate formation • Seals 	 <ul style="list-style-type: none"> • More complicated than BOP on BOP • ROV operations • Hydrate formation • Drill pipe presence? 	 <ul style="list-style-type: none"> • More complicated than BOP on BOP • ROV operations • Hydrate formation • Drill pipe presence?
Risk	Breach of 18"	Breach of 18"	Breach of 18"	Breach of 18"

Potential Flowrate Multiplier



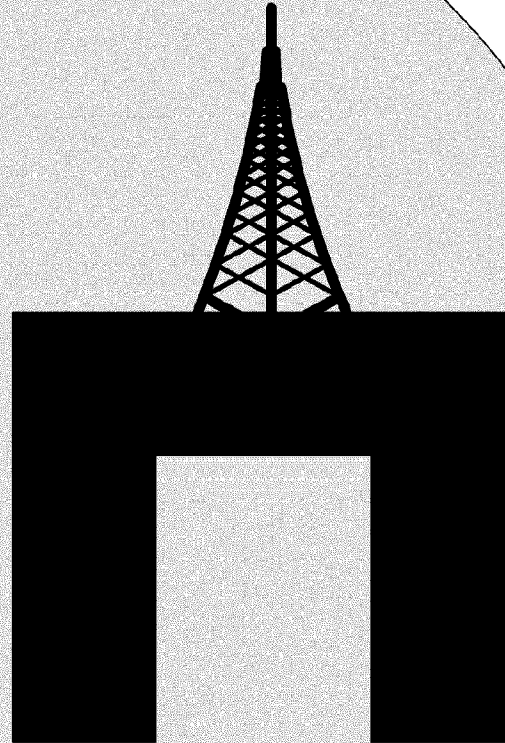


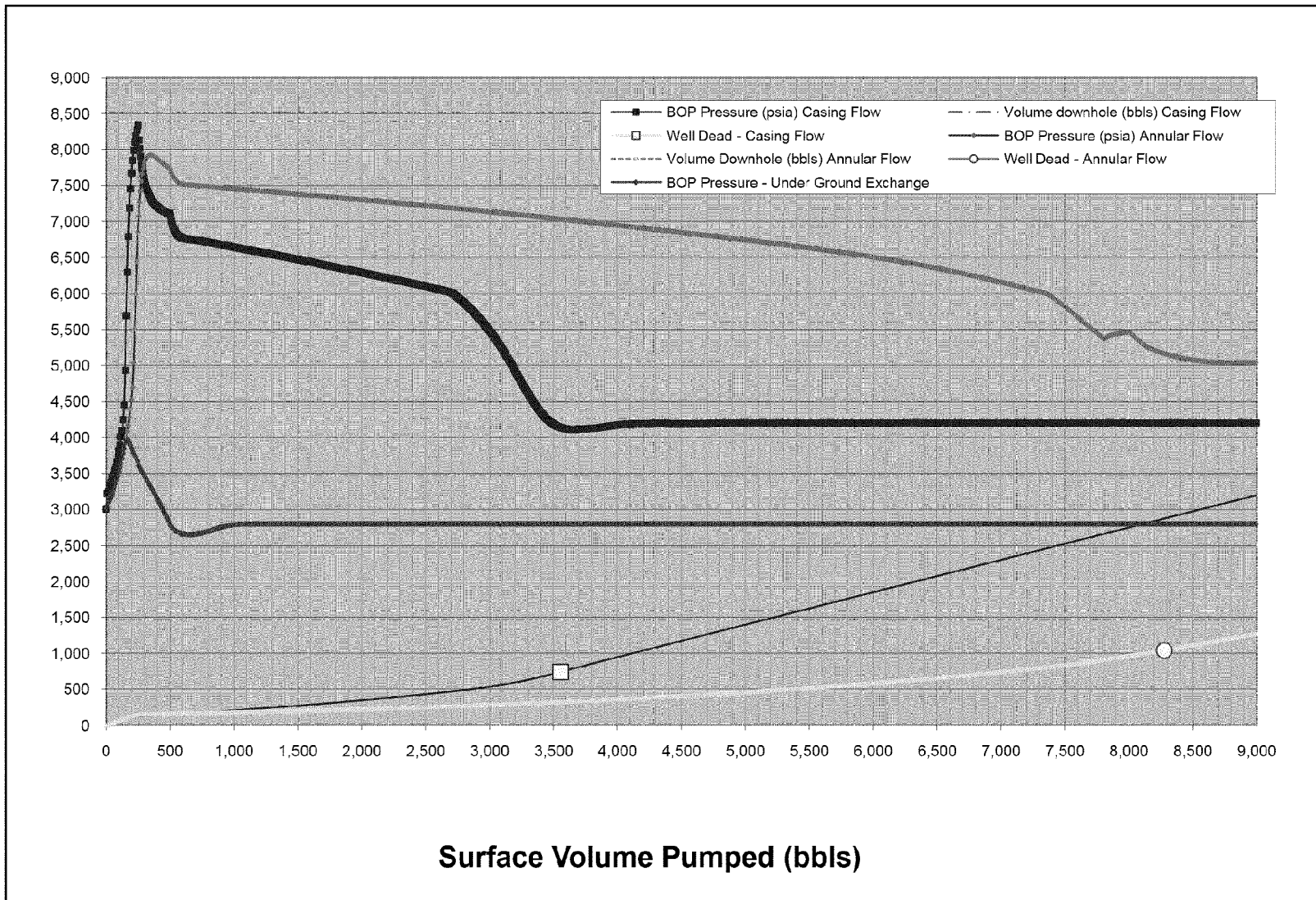


Q4000

Controls

- ROV
- LDIS
- POD
- Manifold
- SIMOPS
- CMT (BU)
- Logistics





Casing flow only, 10,000 stbo/d, 16.4 (500) followed by 14.2

Time min	Time hours	Pump Rate bpm	Volume pumped bbls	WHP psia	Flow down bbls	Kill Volume (bbls)
0	0	0	0	3004.97	0	
0.169	0.00282047	50	8.46141	3224.55	3.311305112	
0.336	0.00559825	50	16.79475	3247.41	9.010443005	
0.503	0.00837603	50	25.12809	3293.85	15.04719783	
0.669	0.0111538	50	33.4614	3328.18	21.09189758	
0.836	0.0139316	50	41.7948	3382.75	27.05554528	
1.003	0.0167094	50	50.1282	3441.12	32.93049228	
1.169	0.0194871	50	58.4613	3477.41	38.75071265	
1.336	0.0222649	50	66.7947	3541.61	44.47922514	
1.503	0.0250427	50	75.1281	3589.17	50.13333704	
1.669	0.0278205	50	83.4615	3664.55	55.69166484	
1.836	0.0305983	50	91.7949	3723.24	61.17149201	
2.003	0.033376	50	100.128	3819.89	66.52862534	
2.169	0.0361538	50	108.4614	3896.02	71.79200078	
2.336	0.0389316	50	116.7948	4010.05	76.92130848	
2.503	0.0417094	50	125.1282	4094.33	81.9526654	
2.669	0.0444871	50	133.4613	4250.24	86.80876276	
2.836	0.0472649	50	141.7947	4451.23	91.45433325	
3.003	0.0500427	50	150.1281	4932.13	95.61121651	
3.169	0.0528205	50	158.4615	5694.52	99.14186142	
3.336	0.0555983	50	166.7949	6297.5	102.2305695	
3.503	0.058376	50	175.128	6794.03	104.9807758	
3.669	0.0611538	50	183.4614	7187.86	107.4789291	
3.836	0.0639316	50	191.7948	7461.73	109.8072811	
4.003	0.0667094	50	200.1282	7676.48	112.0050987	
4.169	0.0694871	50	208.4613	7849.17	114.09969	
4.336	0.0722649	50	216.7947	7988.16	116.1125228	
4.503	0.0750427	50	225.1281	8102.41	118.059055	
4.669	0.0778205	50	233.4615	8194.6	119.9529535	
4.836	0.0805983	40	241.7949	8270.9	121.8035183	
5.003	0.083376	40	248.46138	8334.23	123.6182675	
5.169	0.0861538	40	255.1281	8134.35	123.9090581	
5.336	0.0889316	40	261.79482	8016.87	124.2555226	
5.503	0.0917094	40	268.46154	7910.76	124.6636675	
5.669	0.0944871	40	275.12802	7818.19	125.1265196	
5.836	0.0972649	40	281.79474	7737.31	125.6376403	
6.003	0.100043	40	288.46218	7666.63	126.1913395	
6.169	0.10282	40	295.12698	7604.85	126.782279	

6.336	0.105598	40	301.79418	7550.45	127.4065723
6.503	0.108376	40	308.46138	7502.59	128.0601779
6.669	0.111154	40	315.12858	7460.86	128.7394856
6.836	0.113932	40	321.79578	7424.29	129.4414201
7.003	0.116709	40	328.46058	7392.01	130.1631463
7.169	0.119487	40	335.12778	7363.45	130.9029221
7.336	0.122265	40	341.79498	7338.12	131.6585259
7.503	0.125043	40	348.46218	7315.59	132.4282408
7.669	0.12782	40	355.12698	7295.52	133.2102701
7.836	0.130598	40	361.79418	7277.63	134.0038086
8.003	0.133376	40	368.46138	7261.52	134.8075295
8.169	0.136154	40	375.12858	7246.94	135.6204629
8.336	0.138932	40	381.79578	7233.73	136.4417486
8.503	0.141709	40	388.46058	7221.75	137.2703299
8.669	0.144487	40	395.12778	7210.81	138.10615
8.836	0.147265	40	401.79498	7200.79	138.9483441
9.003	0.150043	40	408.46218	7191.74	139.7962769
9.169	0.15282	40	415.12698	7183.54	140.6491114
9.336	0.155598	40	421.79418	7175.77	141.5072567
9.503	0.158376	40	428.46138	7167.97	142.3704224
9.669	0.161154	40	435.12858	7160.55	143.2383235
9.836	0.163932	40	441.79578	7153.61	144.1106666
10.003	0.166709	40	448.46058	7147.07	144.9868895
10.169	0.169487	40	455.12778	7140.86	145.8674266
10.336	0.172265	40	461.79498	7134.93	146.7517741
10.503	0.175043	40	468.46218	7129.4	147.6396701
10.669	0.17782	40	475.12698	7124.12	148.5306372
10.836	0.180598	40	481.79418	7118.99	149.4252504
11.003	0.183376	40	488.46138	7113.95	150.3231206
11.169	0.186154	40	495.12858	7109.06	151.2241493
11.336	0.188932	40	501.79578	7080.39	151.6018346
11.503	0.191709	40	508.46058	7010.82	152.1049636
11.669	0.194487	40	515.12778	6966.49	152.6218533
11.836	0.197265	40	521.79498	6929.11	153.176811
12.003	0.200043	40	528.46218	6898.14	153.7671199
12.169	0.20282	40	535.12698	6872.73	154.3880077
12.336	0.205598	40	541.79418	6851.65	155.0349811
12.503	0.208376	40	548.46138	6834.23	155.7027795
12.669	0.211154	40	555.12858	6819.86	156.3867526
12.836	0.213932	40	561.79578	6808	157.0828883
13.003	0.216709	40	568.46058	6798.18	157.7876592
13.169	0.219487	40	575.12778	6790.03	158.4989995
13.336	0.222265	40	581.79498	6783.25	159.2146934

13.503	0.225043	40	588.46218	6777.58	159.9332859
13.669	0.22782	40	595.12698	6772.83	160.6534775
13.836	0.230598	40	601.79418	6768.81	161.3750735
14.003	0.233376	40	608.46138	6765.37	162.097368
14.169	0.236154	40	615.12858	6762.35	162.8201025
14.336	0.238932	40	621.79578	6759.85	163.543022
14.503	0.241709	40	628.46058	6757.64	164.2658245
14.669	0.244487	40	635.12778	6755.66	164.989024
14.836	0.247265	40	641.79498	6753.91	165.7123652
15.003	0.250043	40	648.46218	6752.35	166.4358814
15.169	0.25282	40	655.12698	6750.91	167.1593755
15.336	0.255598	40	661.79418	6749.56	167.8834401
15.503	0.258376	40	668.46138	6748.27	168.607898
15.669	0.261154	40	675.12858	6746.97	169.3328493
15.836	0.263932	40	681.79578	6745.65	170.0584057
16.003	0.266709	40	688.46058	6744.31	170.7843807
16.169	0.269487	40	695.12778	6742.96	171.5113772
16.336	0.272265	40	701.79498	6741.56	172.2392138
16.503	0.275043	40	708.46218	6740.1	172.967967
16.669	0.277821	40	715.12938	6738.59	173.6977171
16.836	0.280598	40	721.79418	6737	174.4282775
17.003	0.283376	40	728.46138	6735.34	175.1602394
17.169	0.286154	40	735.12858	6733.69	175.8933563
17.336	0.288932	40	741.79578	6731.94	176.6277134
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17.669	0.294487	40	755.12778	6728.16	178.1001697
17.836	0.297265	40	761.79498	6726.17	178.8386788
18.003	0.300043	40	768.46218	6724.13	179.5786663
18.169	0.302821	40	775.12938	6722.05	180.3201623
18.336	0.305598	40	781.79418	6719.92	181.0629393
18.503	0.308376	40	788.46138	6717.75	181.8075655
18.669	0.311154	40	795.12858	6715.55	182.5537936
18.836	0.313932	40	801.79578	6713.29	183.3016734
19.003	0.316709	40	808.46058	6710.99	184.0509652
19.169	0.319487	40	815.12778	6708.68	184.8022136
19.336	0.322265	40	821.79498	6706.36	185.5551622
19.503	0.325043	40	828.46218	6704.02	186.3098192
19.669	0.327821	40	835.12938	6701.67	187.0661964
19.836	0.330598	40	841.79418	6699.31	187.8240258
20.003	0.333376	40	848.46138	6696.95	188.5838399
20.169	0.336154	40	855.12858	6694.66	189.3453425
20.336	0.338932	40	861.79578	6692.34	190.1085402
20.503	0.341709	40	868.46058	6690	190.8731861

20.669	0.344487	40	875.12778	6687.56	191.6398924
20.836	0.347265	40	881.79498	6685.14	192.4083739
21.003	0.350043	40	888.46218	6682.73	193.1786155
21.169	0.352821	40	895.12938	6680.35	193.9506072
21.336	0.355598	40	901.79418	6677.97	194.7240606
21.503	0.358376	40	908.46138	6675.59	195.4995426
21.669	0.361154	40	915.12858	6673.22	196.2767615
21.836	0.363932	40	921.79578	6670.86	197.0557088
22.003	0.366709	40	928.46058	6668.45	197.8361469
22.169	0.369487	40	935.12778	6666	198.6186711
22.336	0.372265	40	941.79498	6663.59	199.4029622
22.503	0.375043	40	948.46218	6661.22	200.1889934
22.669	0.377821	40	955.12938	6658.88	200.9767381
22.836	0.380598	40	961.79418	6656.56	201.7659071
23.003	0.383376	40	968.46138	6654.33	202.5569937
23.169	0.386154	40	975.12858	6652.13	203.3496921
23.336	0.388932	40	981.79578	6649.95	204.143999
23.503	0.391709	40	988.46058	6647.62	204.9397461
23.669	0.394487	40	995.12778	6645.31	205.7374732
23.836	0.397265	40	1001.79498	6643.04	206.5368755
24.003	0.400043	40	1008.46218	6640.78	207.3379363
24.169	0.402821	40	1015.12938	6638.54	208.1406521
24.336	0.405598	40	1021.79418	6636.3	208.9447286
24.503	0.408376	40	1028.46138	6634.07	209.7507314
24.669	0.411154	40	1035.12858	6631.87	210.558361
24.836	0.413932	40	1041.79578	6629.65	211.3676374
25.003	0.416709	40	1048.46058	6627.4	212.1782754
25.169	0.419487	40	1055.12778	6625.17	212.9908454
25.336	0.422265	40	1061.79498	6622.97	213.8050438
25.503	0.425043	40	1068.46218	6620.53	214.6210391
25.669	0.427821	40	1075.12938	6618.03	215.4389029
25.836	0.430598	40	1081.79418	6615.73	216.2581584
26.003	0.433376	40	1088.46138	6613.56	217.0792991
26.169	0.436154	40	1095.12858	6611.34	217.9020916
26.336	0.438932	40	1101.79578	6609.1	218.7265392
26.503	0.441709	40	1108.46058	6606.92	219.5522963
26.669	0.444487	40	1115.12778	6604.79	220.3799241
26.836	0.447265	40	1121.79498	6602.68	221.2091171
27.003	0.450043	40	1128.46218	6600.58	222.0398603
27.169	0.452821	40	1135.12938	6598.5	222.8721435
27.336	0.455598	40	1141.79418	6596.42	223.7056634
27.503	0.458376	40	1148.46138	6594.32	224.5410402
27.669	0.461154	40	1155.12858	6592.21	225.3779888

27.836	0.463932	40	1161.79578	6590.07	226.2165192
28.003	0.466709	40	1168.46058	6587.94	227.0563257
28.169	0.469487	40	1175.12778	6585.8	227.898028
28.336	0.472265	40	1181.79498	6583.71	228.7412705
28.503	0.475043	40	1188.46218	6581.62	229.5860647
28.669	0.477821	40	1195.12938	6579.57	230.4323824
28.836	0.480598	40	1201.79418	6577.44	231.2799867
29.003	0.483376	40	1208.46138	6575.24	232.129533
29.169	0.486154	40	1215.12858	6573.02	232.9807277
29.336	0.488932	40	1221.79578	6570.79	233.8335793
29.503	0.491709	40	1228.46058	6568.5	234.6878317
29.669	0.494487	40	1235.12778	6566.23	235.5440785
29.836	0.497265	40	1241.79498	6563.97	236.4019972
30.003	0.500043	40	1248.46218	6561.72	237.2615976
30.169	0.502821	40	1255.12938	6559.47	238.1228681
30.336	0.505598	40	1261.79418	6557.21	238.9855099
30.503	0.508376	40	1268.46138	6554.8	239.8502424
30.669	0.511154	40	1275.12858	6552.45	240.7167484
30.836	0.513932	40	1281.79578	6550.12	241.5849861
31.003	0.516709	40	1288.46058	6547.93	242.4545359
31.169	0.519487	40	1295.12778	6545.75	243.3260173
31.336	0.522265	40	1301.79498	6543.6	244.1991022
31.503	0.525043	40	1308.46218	6541.37	245.0738571
31.669	0.527821	40	1315.12938	6539.11	245.9503022
31.836	0.530598	40	1321.79418	6536.83	246.8281314
32.003	0.533376	40	1328.46138	6534.57	247.7079618
32.169	0.536154	40	1335.12858	6532.32	248.5894689
32.336	0.538932	40	1341.79578	6530.06	249.4726663
32.503	0.541709	40	1348.46058	6527.78	250.3572502
32.669	0.544487	40	1355.12778	6525.49	251.2438678
32.836	0.547265	40	1361.79498	6523.19	252.1322005
33.003	0.550043	40	1368.46218	6520.91	253.0222367
33.169	0.552821	40	1375.12938	6518.63	253.9139747
33.336	0.555598	40	1381.79418	6516.38	254.8070746
33.503	0.558376	40	1388.46138	6514.03	255.7022612
33.669	0.561154	40	1395.12858	6511.65	256.5992362
33.836	0.563932	40	1401.79578	6509.27	257.4979865
34.003	0.566709	40	1408.46058	6506.91	258.3981844
34.169	0.569487	40	1415.12778	6504.54	259.3004765
34.336	0.572265	40	1421.79498	6502.19	260.2045305
34.503	0.575043	40	1428.46218	6499.84	261.1103463
34.669	0.577821	40	1435.12938	6497.4	262.0180056
34.836	0.580598	40	1441.79418	6494.98	262.927141

35.003	0.583376	40	1448.46138	6492.67	263.8383338
35.169	0.586154	40	1455.12858	6490.36	264.7512552
35.336	0.588932	40	1461.79578	6488.06	265.6659084
35.503	0.591709	40	1468.46058	6485.6	266.5820868
35.669	0.594487	40	1475.12778	6483.18	267.5004169
35.836	0.597265	40	1481.79498	6480.74	268.4205722
36.003	0.600043	40	1488.46218	6478.34	269.3425326
36.169	0.602821	40	1495.12938	6475.94	270.2662931
36.336	0.605598	40	1501.79418	6473.54	271.191534
36.503	0.608376	40	1508.46138	6471.13	272.1189165
36.669	0.611154	40	1515.12858	6468.73	273.0481059
36.836	0.613932	40	1521.79578	6466.41	273.979032
37.003	0.616709	40	1528.46058	6464.07	274.9113842
37.169	0.619487	40	1535.12778	6461.77	275.8458023
37.336	0.622265	40	1541.79498	6459.4	276.7820238
37.503	0.625043	40	1548.46218	6456.96	277.7200789
37.669	0.627821	40	1555.12938	6454.46	278.6600274
37.836	0.630598	40	1561.79418	6451.97	279.6015104
38.003	0.633376	40	1568.46138	6449.47	280.5452142
38.169	0.636154	40	1575.12858	6446.99	281.4908082
38.336	0.638932	40	1581.79578	6444.53	282.4382423
38.503	0.641709	40	1588.46058	6442.07	283.3871782
38.669	0.644487	40	1595.12778	6439.66	284.3382726
38.836	0.647265	40	1601.79498	6437.35	285.2911038
39.003	0.650043	40	1608.46218	6435.04	286.2456818
39.169	0.652821	40	1615.12938	6432.69	287.2020467
39.336	0.655598	40	1621.79418	6430.27	288.1598917
39.503	0.658376	40	1628.46138	6427.82	289.1199402
39.669	0.661154	40	1635.12858	6425.31	290.0818888
39.836	0.663932	40	1641.79578	6422.78	291.0457426
40.003	0.666709	40	1648.46058	6420.06	292.0113538
40.169	0.669487	40	1655.12778	6417.23	292.9794446
40.336	0.672265	40	1661.79498	6414.6	293.9495122
40.503	0.675043	40	1668.46218	6412	294.9215499
40.669	0.677821	40	1675.12938	6409.04	295.8958412
40.836	0.680598	40	1681.79418	6406.39	296.8717795
41.003	0.683376	40	1688.46138	6403.91	297.8499278
41.169	0.686154	40	1695.12858	6401.44	298.8299578
41.336	0.688932	40	1701.79578	6399	299.8118314
41.503	0.691709	40	1708.46058	6396.6	300.795171
41.669	0.694487	40	1715.12778	6394.18	301.7807265
41.836	0.697265	40	1721.79498	6391.74	302.7681121
42.003	0.700043	40	1728.46218	6389.38	303.7572846

42.169	0.702821	40	1735.12938	6387.04	304.7482322
42.336	0.705598	40	1741.79418	6384.76	305.7405443
42.503	0.708376	40	1748.46138	6382.47	306.7349588
42.669	0.711154	40	1755.12858	6380.19	307.7311018
42.836	0.713932	40	1761.79578	6377.89	308.7290083
43.003	0.716709	40	1768.46058	6375.51	309.7283684
43.169	0.719487	40	1775.12778	6373.09	310.7299302
43.336	0.722265	40	1781.79498	6370.68	311.7333388
43.503	0.725043	40	1788.46218	6368.29	312.7385576
43.669	0.727821	40	1795.12938	6365.88	313.7456098
43.836	0.730598	40	1801.79418	6363.45	314.7541523
44.003	0.733376	40	1808.46138	6361.08	315.7648415
44.169	0.736154	40	1815.12858	6358.72	316.7773492
44.336	0.738932	40	1821.79578	6356.37	317.7916336
44.503	0.741709	40	1828.46058	6354.04	318.8073408
44.669	0.744487	40	1835.12778	6351.59	319.8252872
44.836	0.747265	40	1841.79498	6349.14	320.8450972
45.003	0.750043	40	1848.46218	6346.72	321.8667589
45.169	0.752821	40	1855.12938	6344.27	322.8902991
45.336	0.755598	40	1861.79418	6341.85	323.915302
45.503	0.758376	40	1868.46138	6339.46	324.9425158
45.669	0.761154	40	1875.12858	6336.97	325.9716282
45.836	0.763932	40	1881.79578	6334.5	327.002629
46.003	0.766709	40	1888.46058	6332.05	328.0351315
46.169	0.769487	40	1895.12778	6329.53	329.0699659
46.336	0.772265	40	1901.79498	6326.89	330.1068205
46.503	0.775043	40	1908.46218	6324.33	331.1456253
46.669	0.777821	40	1915.12938	6321.8	332.1863685
46.836	0.780598	40	1921.79418	6319.32	333.228635
47.003	0.783376	40	1928.46138	6316.97	334.2730535
47.169	0.786154	40	1935.12858	6314.69	335.3192222
47.336	0.788932	40	1941.79578	6312.32	336.3672377
47.503	0.791709	40	1948.46058	6309.86	337.4167787
47.669	0.794487	40	1955.12778	6307.3	338.4687379
47.836	0.797265	40	1961.79498	6304.67	339.5227372
48.003	0.800043	40	1968.46218	6302.04	340.5787567
48.169	0.802821	40	1975.12938	6299.52	341.6366913
48.336	0.805598	40	1981.79418	6296.99	342.6961862
48.503	0.808376	40	1988.46138	6294.51	343.7579928
48.669	0.811154	40	1995.12858	6292.24	344.8214979
48.836	0.813932	40	2001.79578	6289.93	345.8868115
49.003	0.816709	40	2008.46058	6287.51	346.953621
49.169	0.819487	40	2015.12778	6284.95	348.0227849

49.336	0.822265	40	2021.79498	6282.3	349.0940022
49.503	0.825043	40	2028.46218	6279.72	350.1672164
49.669	0.827821	40	2035.12938	6277.21	351.2423341
49.836	0.830598	40	2041.79418	6274.68	352.3190358
50.003	0.833376	40	2048.46138	6272.18	353.3980555
50.169	0.836154	40	2055.12858	6269.67	354.4789836
50.336	0.838932	40	2061.79578	6267.2	355.5618319
50.503	0.841709	40	2068.46058	6264.79	356.6461649
50.669	0.844487	40	2075.12778	6262.42	357.7326901
50.836	0.847265	40	2081.79498	6259.98	358.8211322
51.003	0.850043	40	2088.46218	6257.52	359.9114794
51.169	0.852821	40	2095.12938	6255.09	361.0036784
51.336	0.855598	40	2101.79418	6252.46	362.0975554
51.503	0.858376	40	2108.46138	6249.9	363.1938131
51.669	0.861154	40	2115.12858	6247.45	364.2919159
51.836	0.863932	40	2121.79578	6244.98	365.3919639
52.003	0.866709	40	2128.46058	6242.51	366.4935454
52.169	0.869487	40	2135.12778	6240.12	367.5973337
52.336	0.872265	40	2141.79498	6237.49	368.7032105
52.503	0.875043	40	2148.46218	6234.84	369.8111441
52.669	0.877821	40	2155.12938	6232.37	370.9209562
52.836	0.880598	40	2161.79418	6229.8	372.0323833
53.003	0.883376	40	2168.46138	6227.3	373.1461591
53.169	0.886154	40	2175.12858	6224.86	374.2618033
53.336	0.888932	40	2181.79578	6222.24	375.3795327
53.503	0.891709	40	2188.46058	6219.57	376.4989192
53.669	0.894487	40	2195.12778	6217.05	377.6206339
53.836	0.897265	40	2201.79498	6214.49	378.7443571
54.003	0.900043	40	2208.46218	6212.03	379.8700055
54.169	0.902821	40	2215.12938	6209.56	380.9975407
54.336	0.905598	40	2221.79418	6206.98	382.1267428
54.503	0.908376	40	2228.46138	6204.36	383.2583766
54.669	0.911154	40	2235.12858	6201.84	384.3919323
54.836	0.913932	40	2241.79578	6199.34	385.5274582
55.003	0.916709	40	2248.46058	6196.86	386.6645164
55.169	0.919487	40	2255.12778	6194.44	387.8038358
55.336	0.922265	40	2261.79498	6191.92	388.9451838
55.503	0.925043	40	2268.46218	6189.29	390.0885719
55.669	0.927821	40	2275.12938	6186.79	391.2338719
55.836	0.930598	40	2281.79418	6184.22	392.3807923
56.003	0.933376	40	2288.46138	6181.75	393.5300626
56.169	0.936154	40	2295.12858	6179.35	394.6811647
56.336	0.938932	40	2301.79578	6176.74	395.8343619

56.503	0.941709	40	2308.46058	6174.13	396.9891885
56.669	0.944487	40	2315.12778	6171.56	398.1463944
56.836	0.947265	40	2321.79498	6168.98	399.3056321
57.003	0.950043	40	2328.46218	6166.53	400.4668083
57.169	0.952821	40	2335.12938	6164.09	401.629848
57.336	0.955598	40	2341.79418	6161.44	402.7946068
57.503	0.958376	40	2348.46138	6158.74	403.9619068
57.669	0.961154	40	2355.12858	6156.14	405.1311904
57.836	0.963932	40	2361.79578	6153.62	406.3024774
58.003	0.966709	40	2368.46058	6151.12	407.4753123
58.169	0.969487	40	2375.12778	6148.42	408.6506696
58.336	0.972265	40	2381.79498	6145.7	409.8281821
58.503	0.975043	40	2388.46218	6143.06	411.0077982
58.669	0.977821	40	2395.12938	6140.4	412.1894327
58.836	0.980598	40	2401.79418	6137.83	413.3726963
59.003	0.983376	40	2408.46138	6135.19	414.5584945
59.169	0.986154	40	2415.12858	6132.57	415.7462928
59.336	0.988932	40	2421.79578	6130	416.936143
59.503	0.991709	40	2428.46058	6127.37	418.1276643
59.669	0.994487	40	2435.12778	6124.83	419.3215498
59.836	0.997265	40	2441.79498	6122.17	420.5175938
60.002	1.00004	40	2448.45498	6119.46	421.7144807
60.169	1.00282	40	2455.12698	6116.87	422.9154974
60.336	1.0056	40	2461.79898	6114.22	424.1186575
60.503	1.00838	40	2468.47098	6111.63	425.3238776
60.669	1.01115	40	2475.11898	6109.05	426.5267451
60.836	1.01393	40	2481.79098	6106.28	427.7361819
61.003	1.01671	40	2488.46298	6103.69	428.9476736
61.169	1.01949	40	2495.13498	6101.05	430.161212
61.336	1.02227	40	2501.80698	6098.38	431.3768971
61.502	1.02504	40	2508.45498	6095.72	432.5903167
61.669	1.02782	40	2515.12698	6092.97	433.8102452
61.836	1.0306	40	2521.79898	6090.29	435.0323254
62.003	1.03338	40	2528.47098	6087.6	436.256569
62.169	1.03615	40	2535.11898	6084.92	437.4784681
62.336	1.03893	40	2541.79098	6081.72	438.7073821
62.503	1.04171	40	2548.46298	6078.61	439.9387797
62.669	1.04449	40	2555.13498	6075.79	441.1723358
62.836	1.04726	40	2561.78298	6072.92	442.4037648
63.002	1.05004	40	2568.45498	6070.09	443.6419028
63.169	1.05282	40	2575.12698	6067.38	444.8821342
63.336	1.0556	40	2581.79898	6064.55	446.1246441
63.503	1.05838	40	2588.47098	6061.85	447.3693207

63.669	1.06115	40	2595.11898	6059.11	448.6116558
63.836	1.06393	40	2601.79098	6056.27	449.8607609
64.003	1.06671	40	2608.46298	6053.52	451.1120778
64.169	1.06949	40	2615.13498	6050.69	452.3655882
64.336	1.07227	40	2621.80698	6047.92	453.6213403
64.502	1.07504	40	2628.45498	6045.01	454.8749171
64.669	1.07782	40	2635.12698	6042.23	456.1352412
64.836	1.0806	40	2641.79898	6039.43	457.3977171
65.003	1.08338	40	2648.47098	6036.44	458.6626582
65.169	1.08615	40	2655.11898	6033.6	459.9253112
65.336	1.08893	40	2661.79098	6030.68	461.1947709
65.503	1.09171	40	2668.46298	6027.68	462.466706
65.669	1.09449	40	2675.13498	6024.74	463.7410246
65.836	1.09726	40	2681.78298	6021.82	465.0129715
66.002	1.10004	40	2688.45498	6018.86	466.2919539
66.169	1.10282	40	2695.12698	6015.8	467.5734149
66.336	1.1056	40	2701.79898	6012.85	468.8571311
66.503	1.10838	40	2708.47098	6005.48	470.1475609
66.669	1.11115	40	2715.11898	5996.32	471.4405903
66.836	1.11393	40	2721.79098	5986.98	472.7457035
67.003	1.11671	40	2728.46298	5977.34	474.0586597
67.169	1.11949	40	2735.13498	5967.72	475.3793871
67.336	1.12227	40	2741.80698	5958.12	476.7077623
67.502	1.12504	40	2748.45498	5948.26	478.0393933
67.669	1.12782	40	2755.12698	5938.35	479.3838763
67.836	1.1306	40	2761.79898	5928.37	480.7363591
68.003	1.13338	40	2768.47098	5918.19	482.0972019
68.169	1.13615	40	2775.11898	5908.03	483.4613931
68.336	1.13893	40	2781.79098	5897.74	484.8388025
68.503	1.14171	40	2788.46298	5887.16	486.2249355
68.669	1.14449	40	2795.13498	5876.56	487.6197371
68.836	1.14727	40	2801.80698	5865.97	489.0231156
69.002	1.15004	40	2808.45498	5855.11	490.4303991
69.169	1.15282	40	2815.12698	5843.23	491.8525209
69.336	1.1556	40	2821.79898	5832.79	493.2831762
69.503	1.15838	40	2828.47098	5821.69	494.7230322
69.669	1.16115	40	2835.11898	5810.49	496.1669412
69.836	1.16393	40	2841.79098	5799.06	497.6254471
70.003	1.16671	40	2848.46298	5787.39	499.0936974
70.169	1.16949	40	2855.13498	5775.69	500.5716789
70.336	1.17227	40	2861.80698	5763.89	502.0593764
70.502	1.17504	40	2868.45498	5751.72	503.5519255
70.669	1.17782	40	2875.12698	5739.5	505.0600627

70.836	1.1806	40	2881.79898	5727.19	506.5784131
71.003	1.18338	40	2888.47098	5714.62	508.1073636
71.169	1.18615	40	2895.11898	5701.85	509.6415359
71.336	1.18893	40	2901.79098	5688.34	511.1922471
71.503	1.19171	40	2908.46298	5675.65	512.7539838
71.669	1.19449	40	2915.13498	5662.71	514.3266627
71.836	1.19727	40	2921.80698	5649.41	515.9105421
72.002	1.20004	40	2928.45498	5635.94	517.5002002
72.169	1.20282	40	2935.12698	5622.29	519.1072248
72.336	1.2056	40	2941.79898	5608.46	520.7260472
72.503	1.20838	40	2948.47098	5594.19	522.3570826
72.669	1.21115	40	2955.11898	5579.86	523.9944335
72.836	1.21393	40	2961.79098	5565.36	525.650157
73.003	1.21671	40	2968.46298	5549.15	527.3195581
73.169	1.21949	40	2975.13498	5535.19	529.0012691
73.336	1.22226	40	2981.78298	5520.49	530.6895121
73.502	1.22504	40	2988.45498	5505.31	532.3970437
73.669	1.22782	40	2995.12698	5489.8	534.1180527
73.836	1.2306	40	3001.79898	5474.31	535.8525392
74.003	1.23338	40	3008.47098	5458.56	537.6008367
74.169	1.23615	40	3015.11898	5443.01	539.3563741
74.336	1.23893	40	3021.79098	5426.9	541.1324104
74.503	1.24171	40	3028.46298	5410.01	542.9230751
74.669	1.24449	40	3035.13498	5393.99	544.728068
74.836	1.24726	40	3041.78298	5377.6	546.5411438
75.002	1.25004	40	3048.45498	5361.14	548.3753767
75.169	1.25282	40	3055.12698	5344	550.2248884
75.336	1.2556	40	3061.79898	5330.82	552.0871937
75.503	1.25838	40	3068.47098	5311.48	553.966129
75.669	1.26115	40	3075.11898	5291.85	555.8557565
75.836	1.26393	40	3081.79098	5272.74	557.7694863
76.003	1.26671	40	3088.46298	5254.09	559.7000128
76.169	1.26949	40	3095.13498	5234.93	561.6479533
76.336	1.27227	40	3101.80698	5215.75	563.6134244
76.502	1.27504	40	3108.45498	5196.79	565.58921
76.669	1.27782	40	3115.12698	5177.61	567.589609
76.836	1.2806	40	3121.79898	5157.95	569.6081392
77.003	1.28338	40	3128.47098	5138.15	571.6451342
77.169	1.28615	40	3135.11898	5118.37	573.6931004
77.336	1.28893	40	3141.79098	5098.14	575.7672418
77.503	1.29171	40	3148.46298	5077.84	577.8604817
77.669	1.29449	40	3155.13498	5057.7	579.9726367
77.836	1.29726	40	3161.78298	5037.19	582.0964234

78.002	1.30004	40	3168.45498	5016.48	584.2476263
78.169	1.30282	40	3175.12698	4995.94	586.4183615
78.336	1.3056	40	3181.79898	4975.18	588.6088959
78.503	1.30838	40	3188.47098	4954.1	590.8196798
78.669	1.31115	40	3195.11898	4933.21	593.0426546
78.836	1.31393	40	3201.79098	4912.28	595.2939042
79.003	1.31671	40	3208.46298	4891.14	597.5656535
79.169	1.31949	40	3215.13498	4869.8	599.8583362
79.336	1.32227	40	3221.80698	4848.69	602.1717854
79.502	1.32504	40	3228.45498	4827.64	604.4975716
79.669	1.32782	40	3235.12698	4806.51	606.8526208
79.836	1.3306	40	3241.79898	4785.35	609.2287202
80.003	1.33338	40	3248.47098	4764.41	611.6258697
80.169	1.33615	40	3255.11898	4743.73	614.0350717
80.336	1.33893	40	3261.79098	4723.14	616.473721
80.503	1.34171	40	3268.46298	4702.59	618.9331703
80.669	1.34449	40	3275.13498	4682.1	621.4134863
80.836	1.34726	40	3281.79298	4661.82	623.905672
81.002	1.35004	40	3288.45498	4641.88	626.427371
81.169	1.35282	40	3295.12698	4622.11	628.9694864
81.336	1.3556	40	3301.79898	4602.48	631.5319514
81.503	1.35838	40	3308.47098	4582.98	634.1147327
81.669	1.36115	40	3315.11898	4563.62	636.7084333
81.836	1.36393	40	3321.79098	4544.55	639.3316468
82.003	1.36671	40	3328.46298	4525.84	641.9747429
82.169	1.36949	40	3335.13498	4507.52	644.6373213
82.336	1.37227	40	3341.80698	4489.47	647.3191651
82.502	1.37504	40	3348.45498	4471.7	650.0103253
82.669	1.37782	40	3355.12698	4454.24	652.7299993
82.836	1.3806	40	3361.79898	4437.11	655.4682215
83.003	1.38338	40	3368.47098	4420.32	658.2246749
83.169	1.38615	40	3375.11898	4403.86	660.9891626
83.336	1.38893	40	3381.79098	4387.97	663.781061
83.503	1.39171	40	3388.46298	4372.41	666.5901731
83.669	1.39449	40	3395.13498	4357.26	669.4160487
83.836	1.39727	40	3401.80698	4342.69	672.2580371
84.002	1.40004	40	3408.45498	4328.63	675.1054088
84.169	1.40282	40	3415.12698	4314.98	677.978422
84.336	1.4056	40	3421.79898	4301.84	680.866147
84.503	1.40838	40	3428.47098	4289.32	683.7679666
84.669	1.41115	40	3435.11898	4277.29	686.6728933
84.836	1.41393	40	3441.79098	4265.8	689.6013676
85.003	1.41671	40	3448.46298	4254.88	692.5422517

85.169	1.41949	40	3455.13498	4244.54	695.4949286
85.336	1.42226	40	3461.78298	4234.76	698.4481531
85.502	1.42504	40	3468.45498	4225.56	701.4225807
85.669	1.42782	40	3475.12698	4215.92	704.4083007
85.836	1.4306	40	3481.79898	4206.16	707.4052964
86.003	1.43338	40	3488.47098	4197.04	710.4128338
86.169	1.43615	40	3495.11898	4188.55	713.4193586
86.336	1.43893	40	3501.79098	4180.64	716.4459279
86.503	1.44171	40	3508.46298	4173.36	719.480954
86.669	1.44449	40	3515.13498	4166.64	722.523803
86.836	1.44726	40	3521.78298	4160.71	725.5625041
87.002	1.45004	40	3528.45498	4155.09	728.6188639
87.169	1.45282	40	3535.12698	4149.9	731.6812952
87.336	1.4556	40	3541.79898	4145.2	734.7492309
87.503	1.45838	40	3548.47098	4140.94	737.8221706
87.669	1.46115	40	3555.11898	4137.09	740.8885606
87.836	1.46393	40	3561.79098	4133.62	743.9700905
88.003	1.46671	40	3568.46298	4130.47	747.0553234
88.169	1.46949	40	3575.13498	4127.69	750.1438256
88.336	1.47226	40	3581.78298	4125.21	753.2241265
88.502	1.47504	40	3588.45498	4123	756.3181498
88.669	1.47782	40	3595.12698	4121.05	759.4144748
88.836	1.4806	40	3601.79898	4119.3	762.5128682
89.003	1.48338	40	3608.47098	4117.81	765.613013
89.169	1.48615	40	3615.11898	4116.53	768.703502
89.336	1.48893	40	3621.79098	4115.43	771.8064324
89.503	1.49171	40	3628.46298	4114.53	774.9104136
89.669	1.49449	40	3635.13498	4113.83	778.0152121
89.836	1.49726	40	3641.78298	4113.32	781.109424
90.002	1.50004	40	3648.45498	4113	784.2151733
90.169	1.50282	40	3655.12698	4112.88	787.3210393
90.336	1.5056	40	3661.79898	4113.06	790.4266385
90.503	1.50838	40	3668.47098	4113.48	793.5317039
90.669	1.51115	40	3675.11898	4114.22	796.6246693
90.836	1.51393	40	3681.79098	4115.41	799.7272994
91.003	1.51671	40	3688.46298	4116.98	802.8280613
91.169	1.51949	40	3695.13498	4117.78	805.9279559
91.336	1.52227	40	3701.80698	4118.22	809.0273668
91.502	1.52504	40	3708.45498	4118.54	812.1152465
91.669	1.52782	40	3715.12698	4118.84	815.2139234
91.836	1.5306	40	3721.79898	4119.16	818.3122001
92.003	1.53338	40	3728.47098	4119.55	821.4100097
92.169	1.53615	40	3735.11898	4120	824.4961276

740.8886

92.336	1.53893	40	3741.79098	4120.53	827.5927363
92.503	1.54171	40	3748.46298	4121.15	830.688611
92.669	1.54449	40	3755.13498	4121.84	833.783635
92.836	1.54726	40	3761.78298	4122.62	836.8665952
93.002	1.55004	40	3768.45498	4123.47	839.9596676
93.169	1.55282	40	3775.12698	4124.35	843.0516893
93.336	1.5556	40	3781.79898	4125.22	846.1426601
93.503	1.55838	40	3788.47098	4126.05	849.2326634
93.669	1.56115	40	3795.11898	4126.75	852.3107373
93.836	1.56393	40	3801.79098	4127.38	855.3991727
94.003	1.56671	40	3808.46298	4128.06	858.4867742
94.169	1.56949	40	3815.13498	4128.86	861.5734082
94.336	1.57227	40	3821.80698	4129.85	864.6588245
94.502	1.57504	40	3828.45498	4131.09	867.7316465
94.669	1.57782	40	3835.12698	4132.48	870.8138936
94.836	1.5806	40	3841.79898	4134.05	873.8942226
95.003	1.58338	40	3848.47098	4135.77	876.9725333
95.169	1.58615	40	3855.11898	4137.49	880.03771
95.336	1.58893	40	3861.79098	4139.11	883.1120509
95.503	1.59171	40	3868.46298	4140.73	886.1844568
95.669	1.59449	40	3875.13498	4142.43	889.2548278
95.836	1.59726	40	3881.78298	4144.16	892.3121101
96.002	1.60004	40	3888.45498	4145.9	895.3783778
96.169	1.60282	40	3895.12698	4147.52	898.4427273
96.336	1.6056	40	3901.79898	4149.11	901.5052087
96.503	1.60838	40	3908.47098	4150.73	904.5657551
96.669	1.61115	40	3915.11898	4152.39	907.6133313
96.836	1.61393	40	3921.79098	4154.06	910.6699413
97.003	1.61671	40	3928.46298	4155.73	913.7245831
97.169	1.61949	40	3935.13498	4157.38	916.7772733
97.336	1.62227	40	3941.80698	4159.03	919.8280119
97.502	1.62504	40	3948.45498	4160.65	922.865882
97.669	1.62782	40	3955.12698	4162.24	925.9128343
97.836	1.6306	40	3961.79898	4163.81	928.9579517
98.003	1.63338	40	3968.47098	4165.35	932.0012511
98.169	1.63615	40	3975.11898	4166.86	935.0318416
98.336	1.63893	40	3981.79098	4168.33	938.0716382
98.503	1.64171	40	3988.46298	4169.77	941.1097501
98.669	1.64449	40	3995.13498	4171.16	944.1462273
98.836	1.64727	40	4001.80698	4172.52	947.1811199
99.002	1.65004	40	4008.45498	4173.83	950.20355
99.169	1.65282	40	4015.12698	4175.1	953.2354069
99.336	1.6556	40	4021.79898	4176.33	956.2658293

99.503	1.65838	40	4028.47098	4177.51	959.294884
99.669	1.66115	40	4035.11898	4178.65	962.3117131
99.836	1.66393	40	4041.79098	4179.73	965.3381657
100.003	1.66671	40	4048.46298	4180.76	968.3634173
100.169	1.66949	40	4055.13498	4181.76	971.3875013
100.336	1.67227	40	4061.80698	4182.7	974.4104844
100.502	1.67504	40	4068.45498	4183.61	977.421563
100.669	1.67782	40	4075.12698	4184.46	980.4425112
100.836	1.6806	40	4081.79898	4185.27	983.4625253
101.003	1.68338	40	4088.47098	4186.03	986.4816553
101.169	1.68615	40	4095.11898	4186.75	989.4890776
101.336	1.68893	40	4101.79098	4187.43	992.506573
101.503	1.69171	40	4108.46298	4188.06	995.5233344
101.669	1.69449	40	4115.13498	4188.66	998.5393954
101.836	1.69727	40	4121.80698	4189.22	1001.554806
102.002	1.70004	40	4128.45498	4189.74	1004.558771
102.169	1.70282	40	4135.12698	4190.23	1007.573014
102.336	1.7056	40	4141.79898	4190.69	1010.586723
102.503	1.70838	40	4148.47098	4191.11	1013.599948
102.669	1.71115	40	4155.11898	4191.5	1016.601886
102.836	1.71393	40	4161.79098	4191.87	1019.614227
103.003	1.71671	40	4168.46298	4192.21	1022.626185
103.169	1.71949	40	4175.13498	4192.52	1025.637775
103.336	1.72226	40	4181.78298	4192.81	1028.638201
103.502	1.72504	40	4188.45498	4193.07	1031.649158
103.669	1.72782	40	4195.12698	4193.32	1034.659831
103.836	1.7306	40	4201.79898	4193.54	1037.670237
104.003	1.73338	40	4208.47098	4193.74	1040.68041
104.169	1.73615	40	4215.11898	4193.92	1043.679556
104.336	1.73893	40	4221.79098	4194.09	1046.689328
104.503	1.74171	40	4228.46298	4194.24	1049.698934
104.669	1.74449	40	4235.13498	4194.37	1052.70839
104.836	1.74726	40	4241.78298	4194.49	1055.706887
105.002	1.75004	40	4248.45498	4194.6	1058.716076
105.169	1.75282	40	4255.12698	4194.68	1061.725164
105.336	1.7556	40	4261.79898	4194.81	1064.734103
105.503	1.75838	40	4268.47098	4194.97	1067.742858
105.669	1.76115	40	4275.11898	4195.11	1070.740641
105.836	1.76393	40	4281.79098	4195.2	1073.749129
106.003	1.76671	40	4288.46298	4195.26	1076.75755
106.169	1.76949	40	4295.13498	4195.33	1079.765888
106.336	1.77227	40	4301.80698	4195.4	1082.774143
106.502	1.77504	40	4308.45498	4195.47	1085.771493

106.669	1.77782	40	4315.12698	4195.51	1088.779631
106.836	1.7806	40	4321.79898	4195.53	1091.787753
107.003	1.78338	40	4328.47098	4195.54	1094.795857
107.169	1.78615	40	4335.11898	4195.53	1097.793158
107.336	1.78893	40	4341.79098	4195.51	1100.801296
107.503	1.79171	40	4348.46298	4195.49	1103.809467
107.669	1.79449	40	4355.13498	4195.45	1106.817672
107.836	1.79726	40	4361.78298	4195.42	1109.815105
108.002	1.80004	40	4368.45498	4195.38	1112.82341
108.169	1.80282	40	4375.12698	4195.32	1115.831781
108.336	1.8056	40	4381.79898	4195.2	1118.840303
108.503	1.80838	40	4388.47098	4195.09	1121.848941
108.669	1.81115	40	4395.11898	4194.98	1124.84689
108.836	1.81393	40	4401.79098	4194.89	1127.855762
109.003	1.81671	40	4408.46298	4194.81	1130.864734
109.169	1.81949	40	4415.13498	4194.72	1133.873806
109.336	1.82227	40	4421.80698	4194.64	1136.882978
109.502	1.82504	40	4428.45498	4194.62	1139.881342
109.669	1.82782	40	4435.12698	4194.58	1142.890581
109.836	1.8306	40	4441.79898	4194.51	1145.899903
110.003	1.83338	40	4448.47098	4194.44	1148.909309
110.169	1.83615	40	4455.11898	4194.37	1151.907956
110.336	1.83893	40	4461.79098	4194.32	1154.917495
110.503	1.84171	40	4468.46298	4194.26	1157.927101
110.669	1.84449	40	4475.13498	4194.22	1160.936756
110.836	1.84726	40	4481.78298	4194.17	1163.935636
111.002	1.85004	40	4488.45498	4194.13	1166.945392
111.169	1.85282	40	4495.12698	4194.1	1169.955181
111.336	1.8556	40	4501.79898	4194.07	1172.965004
111.503	1.85838	40	4508.47098	4194.04	1175.97486
111.669	1.86115	40	4515.11898	4194.02	1178.973922
111.836	1.86393	40	4521.79098	4194	1181.983828
112.003	1.86671	40	4528.46298	4193.99	1184.993751
112.169	1.86949	40	4535.13498	4193.98	1188.003673
112.336	1.87227	40	4541.80698	4194.01	1191.013563
112.502	1.87504	40	4548.45498	4194.03	1194.012592
112.669	1.87782	40	4555.12698	4194.04	1197.022448
112.836	1.8806	40	4561.79898	4194.03	1200.032321
113.003	1.88338	40	4568.47098	4194.05	1203.04216
113.169	1.88615	40	4575.11898	4194.08	1206.041139
113.336	1.88893	40	4581.79098	4194.11	1209.050912
113.503	1.89171	40	4588.46298	4194.14	1212.060651
113.669	1.89449	40	4595.13498	4194.17	1215.070357

113.836	1.89727	40	4601.80698	4194.2	1218.080029
114.002	1.90004	40	4608.45498	4194.22	1221.078842
114.169	1.90282	40	4615.12698	4194.24	1224.088465
114.336	1.9056	40	4621.79898	4194.26	1227.09807
114.503	1.90838	40	4628.47098	4194.28	1230.107643
114.669	1.91115	40	4635.11898	4194.31	1233.106356
114.836	1.91393	40	4641.79098	4194.34	1236.115862
115.003	1.91671	40	4648.46298	4194.37	1239.125318
115.169	1.91949	40	4655.13498	4194.42	1242.134723
115.336	1.92226	40	4661.78298	4194.47	1245.133254
115.502	1.92504	40	4668.45498	4194.52	1248.142542
115.669	1.92782	40	4675.12698	4194.58	1251.151765
115.836	1.9306	40	4681.79898	4194.64	1254.160903
116.003	1.93338	40	4688.47098	4194.71	1257.169959
116.169	1.93615	40	4695.11898	4194.79	1260.168107
116.336	1.93893	40	4701.79098	4194.87	1263.176979
116.503	1.94171	40	4708.46298	4194.95	1266.185767
116.669	1.94449	40	4715.13498	4195.04	1269.194456
116.836	1.94726	40	4721.78298	4195.13	1272.192205
117.002	1.95004	40	4728.45498	4195.22	1275.200676
117.169	1.95282	40	4735.12698	4195.32	1278.209031
117.336	1.9556	40	4741.79898	4195.41	1281.217269
117.503	1.95838	40	4748.47098	4195.51	1284.22539
117.669	1.96115	40	4755.11898	4195.61	1287.222575
117.836	1.96393	40	4761.79098	4195.71	1290.230479
118.003	1.96671	40	4768.46298	4195.81	1293.238267
118.169	1.96949	40	4775.13498	4195.91	1296.245921
118.336	1.97226	40	4781.78298	4196.01	1299.242657
118.502	1.97504	40	4788.45498	4196.11	1302.250094
118.669	1.97782	40	4795.12698	4196.21	1305.257415
118.836	1.9806	40	4801.79898	4196.3	1308.264618
119.003	1.98338	40	4808.47098	4196.4	1311.271706
119.169	1.98615	40	4815.11898	4196.5	1314.267859
119.336	1.98893	40	4821.79098	4196.6	1317.274713
119.503	1.99171	40	4828.46298	4196.69	1320.281466
119.669	1.99449	40	4835.13498	4196.79	1323.288103
119.836	1.99726	40	4841.78298	4196.88	1326.283825
120.002	2.00004	40	4848.45498	4196.97	1329.290245
120.169	2.00282	40	4855.12698	4197.06	1332.296565
120.336	2.0056	40	4861.79898	4197.15	1335.302784
120.503	2.00838	40	4868.47098	4197.23	1338.308904
120.669	2.01115	40	4875.11898	4197.31	1341.304127
120.836	2.01393	40	4881.79098	4197.39	1344.310063

121.003	2.01671	40	4888.46298	4197.47	1347.315916
121.169	2.01949	40	4895.13498	4197.54	1350.321685
121.336	2.02226	40	4901.78298	4197.61	1353.316543
121.502	2.02504	40	4908.45498	4197.69	1356.322129
121.669	2.02782	40	4915.12698	4197.79	1359.327598
121.836	2.0306	40	4921.79898	4197.88	1362.332967
122.003	2.03338	40	4928.47098	4197.96	1365.338253
122.169	2.03615	40	4935.11898	4198.03	1368.332628
122.336	2.03893	40	4941.79098	4198.1	1371.33773
122.503	2.04171	40	4948.46298	4198.17	1374.342766
122.669	2.04449	40	4955.13498	4198.23	1377.347718
122.836	2.04726	40	4961.78298	4198.29	1380.341794
123.002	2.05004	40	4968.45498	4198.35	1383.346613
123.169	2.05282	40	4975.12698	4198.4	1386.351381
123.336	2.0556	40	4981.79898	4198.45	1389.356083
123.503	2.05838	40	4988.47098	4198.5	1392.360718
123.669	2.06115	40	4995.11898	4198.57	1395.354479
123.836	2.06393	40	5001.79098	4198.63	1398.358964
124.003	2.06671	40	5008.46298	4198.69	1401.363399
124.169	2.06949	40	5015.13498	4198.74	1404.367767
124.336	2.07226	40	5021.78298	4198.78	1407.361278
124.502	2.07504	40	5028.45498	4198.83	1410.365547
124.669	2.07782	40	5035.12698	4198.87	1413.369765
124.836	2.0806	40	5041.79898	4198.91	1416.373933
125.003	2.08338	40	5048.47098	4198.95	1419.378051
125.169	2.08615	40	5055.11898	4199	1422.371313
125.336	2.08893	40	5061.79098	4199.05	1425.375314
125.503	2.09171	40	5068.46298	4199.09	1428.379265
125.669	2.09449	40	5075.13498	4199.13	1431.383183
125.836	2.09726	40	5081.78298	4199.17	1434.376246
126.002	2.10004	40	5088.45498	4199.21	1437.380064
126.169	2.10282	40	5095.12698	4199.24	1440.383848
126.336	2.1056	40	5101.79898	4199.27	1443.387599
126.503	2.10838	40	5108.47098	4199.3	1446.391317
126.669	2.11115	40	5115.11898	4199.33	1449.384197
126.836	2.11393	40	5121.79098	4199.37	1452.387831
127.003	2.11671	40	5128.46298	4199.41	1455.391415
127.169	2.11949	40	5135.13498	4199.44	1458.394966
127.336	2.12226	40	5141.78298	4199.47	1461.38768
127.502	2.12504	40	5148.45498	4199.5	1464.391164
127.669	2.12782	40	5155.12698	4199.53	1467.394615
127.836	2.1306	40	5161.79898	4199.55	1470.398032
128.003	2.13338	40	5168.47098	4199.58	1473.401433

128.169	2.13615	40	5175.11898	4199.6	1476.393997
128.336	2.13893	40	5181.79098	4199.63	1479.397331
128.503	2.14171	40	5188.46298	4199.66	1482.400632
128.669	2.14449	40	5195.13498	4199.69	1485.403899
128.836	2.14727	40	5201.80698	4199.71	1488.407133
129.002	2.15004	40	5208.45498	4199.73	1491.399547
129.169	2.15282	40	5215.12698	4199.76	1494.402731
129.336	2.1556	40	5221.79898	4199.78	1497.405899
129.503	2.15838	40	5228.47098	4199.8	1500.409033
129.669	2.16115	40	5235.11898	4199.81	1503.401347
129.836	2.16393	40	5241.79098	4199.83	1506.404448
130.003	2.16671	40	5248.46298	4199.86	1509.407515
130.169	2.16949	40	5255.13498	4199.87	1512.410565
130.336	2.17226	40	5261.78298	4199.89	1515.402797
130.502	2.17504	40	5268.45498	4199.91	1518.405814
130.669	2.17782	40	5275.12698	4199.92	1521.408815
130.836	2.1806	40	5281.79898	4199.94	1524.411782
131.003	2.18338	40	5288.47098	4199.96	1527.414732
131.169	2.18615	40	5295.11898	4199.98	1530.406864
131.336	2.18893	40	5301.79098	4199.99	1533.409781
131.503	2.19171	40	5308.46298	4200.01	1536.412682
131.669	2.19449	40	5315.13498	4200.02	1539.415565
131.836	2.19726	40	5321.78298	4200.04	1542.407614
132.002	2.20004	40	5328.45498	4200.06	1545.410448
132.169	2.20282	40	5335.12698	4200.07	1548.413265
132.336	2.2056	40	5341.79898	4200.08	1551.416065
132.503	2.20838	40	5348.47098	4200.09	1554.418865
132.669	2.21115	40	5355.11898	4200.11	1557.410831
132.836	2.21393	40	5361.79098	4200.13	1560.413581
133.003	2.21671	40	5368.46298	4200.14	1563.416315
133.169	2.21949	40	5375.13498	4200.15	1566.419048
133.336	2.22226	40	5381.78298	4200.16	1569.410964
133.502	2.22504	40	5388.45498	4200.17	1572.413664
133.669	2.22782	40	5395.12698	4200.19	1575.416348
133.836	2.2306	40	5401.79898	4200.2	1578.419015
134.003	2.23338	40	5408.47098	4200.22	1581.421665
134.169	2.23615	40	5415.11898	4200.23	1584.413498
134.336	2.23893	40	5421.79098	4200.24	1587.416131
134.503	2.24171	40	5428.46298	4200.25	1590.418748
134.669	2.24449	40	5435.13498	4200.26	1593.421348
134.836	2.24727	40	5441.80698	4200.27	1596.423932
135.002	2.25004	40	5448.45498	4200.28	1599.415698
135.169	2.25282	40	5455.12698	4200.29	1602.418265

135.336	2.2556	40	5461.79898	4200.3	1605.420815
135.503	2.25838	40	5468.47098	4200.31	1608.423348
135.669	2.26115	40	5475.11898	4200.32	1611.415081
135.836	2.26393	40	5481.79098	4200.34	1614.417598
136.003	2.26671	40	5488.46298	4200.35	1617.420098
136.169	2.26949	40	5495.13498	4200.36	1620.422582
136.336	2.27226	40	5501.78298	4200.36	1623.414265
136.502	2.27504	40	5508.45498	4200.37	1626.416731
136.669	2.27782	40	5515.12698	4200.38	1629.419181
136.836	2.2806	40	5521.79898	4200.39	1632.421631
137.003	2.28338	40	5528.47098	4200.4	1635.424065
137.169	2.28615	40	5535.11898	4200.41	1638.415698
137.336	2.28893	40	5541.79098	4200.42	1641.418115
137.503	2.29171	40	5548.46298	4200.43	1644.420515
137.669	2.29449	40	5555.13498	4200.44	1647.422915
137.836	2.29726	40	5561.78298	4200.45	1650.414498
138.002	2.30004	40	5568.45498	4200.45	1653.416865
138.169	2.30282	40	5575.12698	4200.46	1656.419231
138.336	2.3056	40	5581.79898	4200.47	1659.421581
138.503	2.30838	40	5588.47098	4200.48	1662.423931
138.669	2.31115	40	5595.11898	4200.49	1665.415465
138.836	2.31393	40	5601.79098	4200.49	1668.417798
139.003	2.31671	40	5608.46298	4200.5	1671.420115
139.169	2.31949	40	5615.13498	4200.51	1674.422431
139.336	2.32226	40	5621.78298	4200.52	1677.413932
139.502	2.32504	40	5628.45498	4200.52	1680.416232
139.669	2.32782	40	5635.12698	4200.53	1683.418515
139.836	2.3306	40	5641.79898	4200.54	1686.420781
140.003	2.33338	40	5648.47098	4200.55	1689.423048
140.169	2.33615	40	5655.11898	4200.56	1692.414498
140.336	2.33893	40	5661.79098	4200.56	1695.416748
140.503	2.34171	40	5668.46298	4200.57	1698.418998
140.669	2.34449	40	5675.13498	4200.57	1701.421231
140.836	2.34726	40	5681.78298	4200.58	1704.412665
141.002	2.35004	40	5688.45498	4200.59	1707.414882
141.169	2.35282	40	5695.12698	4200.6	1710.417098
141.336	2.3556	40	5701.79898	4200.6	1713.419298
141.503	2.35838	40	5708.47098	4200.61	1716.421498
141.669	2.36115	40	5715.11898	4200.61	1719.412882
141.836	2.36393	40	5721.79098	4200.62	1722.415065
142.003	2.36671	40	5728.46298	4200.63	1725.417231
142.169	2.36949	40	5735.13498	4200.63	1728.419398
142.336	2.37226	40	5741.78298	4200.64	1731.410765

142.502	2.37504	40	5748.45498	4200.64	1734.412915
142.669	2.37782	40	5755.12698	4200.65	1737.415065
142.836	2.3806	40	5761.79898	4200.65	1740.417215
143.003	2.38338	40	5768.47098	4200.66	1743.419348
143.169	2.38615	40	5775.11898	4200.66	1746.410682
143.336	2.38893	40	5781.79098	4200.67	1749.412798
143.503	2.39171	40	5788.46298	4200.67	1752.414915
143.669	2.39449	40	5795.13498	4200.68	1755.417031
143.836	2.39726	40	5801.78298	4200.68	1758.408332
144.002	2.40004	40	5808.45498	4200.69	1761.410432
144.169	2.40282	40	5815.12698	4200.69	1764.412531
144.336	2.4056	40	5821.79898	4200.7	1767.414615
144.503	2.40838	40	5828.47098	4200.7	1770.416698
144.669	2.41115	40	5835.11898	4200.71	1773.407982
144.836	2.41393	40	5841.79098	4200.71	1776.410065
145.003	2.41671	40	5848.46298	4200.72	1779.412131
145.169	2.41949	40	5855.13498	4200.72	1782.414198
145.336	2.42226	40	5861.78298	4200.72	1785.405465
145.502	2.42504	40	5868.45498	4200.73	1788.407515
145.669	2.42782	40	5875.12698	4200.73	1791.409565
145.836	2.4306	40	5881.79898	4200.74	1794.411614
146.003	2.43338	40	5888.47098	4200.74	1797.413664
146.169	2.43615	40	5895.11898	4200.74	1800.404899
146.336	2.43893	40	5901.79098	4200.75	1803.406932
146.503	2.44171	40	5908.46298	4200.75	1806.408965
146.669	2.44449	40	5915.13498	4200.76	1809.410998
146.836	2.44726	40	5921.78298	4200.76	1812.402215
147.002	2.45004	40	5928.45498	4200.76	1815.404232
147.169	2.45282	40	5935.12698	4200.77	1818.406248
147.336	2.4556	40	5941.79898	4200.77	1821.408248
147.503	2.45838	40	5948.47098	4200.77	1824.410247
147.669	2.46115	40	5955.11898	4200.78	1827.401449
147.836	2.46393	40	5961.79098	4200.78	1830.403448
148.003	2.46671	40	5968.46298	4200.78	1833.405448
148.169	2.46949	40	5975.13498	4200.79	1836.407431
148.336	2.47226	40	5981.78298	4200.79	1839.398615
148.502	2.47504	40	5988.45498	4200.79	1842.400598
148.669	2.47782	40	5995.12698	4200.8	1845.402581
148.836	2.4806	40	6001.79898	4200.8	1848.404548
149.003	2.48338	40	6008.47098	4200.8	1851.406514
149.169	2.48615	40	6015.11898	4200.81	1854.397682
149.336	2.48893	40	6021.79098	4200.81	1857.399648
149.503	2.49171	40	6028.46298	4200.81	1860.401598

149.669	2.49449	40	6035.13498	4200.82	1863.403548
149.836	2.49726	40	6041.78298	4200.82	1866.394699
150.002	2.50004	40	6048.45498	4200.82	1869.396648
150.169	2.50282	40	6055.12698	4200.83	1872.398598
150.336	2.5056	40	6061.79898	4200.83	1875.400531
150.503	2.50838	40	6068.47098	4200.83	1878.402464
150.669	2.51115	40	6075.11898	4200.83	1881.393599
150.836	2.51393	40	6081.79098	4200.84	1884.395532
151.003	2.51671	40	6088.46298	4200.84	1887.397465
151.169	2.51949	40	6095.13498	4200.84	1890.399398
151.336	2.52226	40	6101.78298	4200.84	1893.390516
151.502	2.52504	40	6108.45498	4200.85	1896.392432
151.669	2.52782	40	6115.12698	4200.85	1899.394348
151.836	2.5306	40	6121.79898	4200.85	1902.396264
152.003	2.53338	40	6128.47098	4200.85	1905.398181
152.169	2.53615	40	6135.11898	4200.86	1908.389282
152.336	2.53893	40	6141.79098	4200.86	1911.391182
152.503	2.54171	40	6148.46298	4200.86	1914.393081
152.669	2.54449	40	6155.13498	4200.86	1917.394981
152.836	2.54726	40	6161.78298	4200.87	1920.386082
153.002	2.55004	40	6168.45498	4200.87	1923.387982
153.169	2.55282	40	6175.12698	4200.87	1926.389865
153.336	2.5556	40	6181.79898	4200.87	1929.391748
153.503	2.55838	40	6188.47098	4200.88	1932.393631
153.669	2.56115	40	6195.11898	4200.88	1935.384715
153.836	2.56393	40	6201.79098	4200.88	1938.386598
154.003	2.56671	40	6208.46298	4200.88	1941.388481
154.169	2.56949	40	6215.13498	4200.88	1944.390364
154.336	2.57226	40	6221.78298	4200.89	1947.381432
154.502	2.57504	40	6228.45498	4200.89	1950.383299
154.669	2.57782	40	6235.12698	4200.89	1953.385165
154.836	2.5806	40	6241.79898	4200.9	1956.387031
155.003	2.58338	40	6248.47098	4200.9	1959.388897
155.169	2.58615	40	6255.11898	4200.9	1962.379965
155.336	2.58893	40	6261.79098	4200.9	1965.381815
155.503	2.59171	40	6268.46298	4200.9	1968.383665
155.669	2.59449	40	6275.13498	4200.9	1971.385514
155.836	2.59726	40	6281.78298	4200.9	1974.376566
156.002	2.60004	40	6288.45498	4200.91	1977.378415
156.169	2.60282	40	6295.12698	4200.91	1980.380265
156.336	2.6056	40	6301.79898	4200.91	1983.382114
156.503	2.60838	40	6308.47098	4200.91	1986.383947
156.669	2.61115	40	6315.11898	4200.92	1989.374982

156.836	2.61393	40	6321.79098	4200.92	1992.376815
157.003	2.61671	40	6328.46298	4200.92	1995.378648
157.169	2.61949	40	6335.13498	4200.92	1998.380481
157.336	2.62226	40	6341.78298	4200.92	2001.371516
157.502	2.62504	40	6348.45498	4200.92	2004.373349
157.669	2.62782	40	6355.12698	4200.93	2007.375182
157.836	2.6306	40	6361.79898	4200.93	2010.376998
158.003	2.63338	40	6368.47098	4200.93	2013.378814
158.169	2.63615	40	6375.11898	4200.93	2016.369832
158.336	2.63893	40	6381.79098	4200.93	2019.371648
158.503	2.64171	40	6388.46298	4200.94	2022.373465
158.669	2.64449	40	6395.13498	4200.94	2025.375281
158.836	2.64727	40	6401.80698	4200.94	2028.377097
159.002	2.65004	40	6408.45498	4200.94	2031.368115
159.169	2.65282	40	6415.12698	4200.94	2034.369915
159.336	2.6556	40	6421.79898	4200.94	2037.371714
159.503	2.65838	40	6428.47098	4200.94	2040.373514
159.669	2.66115	40	6435.11898	4200.95	2043.364516
159.836	2.66393	40	6441.79098	4200.95	2046.366315
160.003	2.66671	40	6448.46298	4200.95	2049.368115
160.169	2.66949	40	6455.13498	4200.95	2052.369914
160.336	2.67226	40	6461.78298	4200.96	2055.360899
160.502	2.67504	40	6468.45498	4200.96	2058.362682
160.669	2.67782	40	6475.12698	4200.96	2061.364465
160.836	2.6806	40	6481.79898	4200.96	2064.366248
161.003	2.68338	40	6488.47098	4200.96	2067.368031
161.169	2.68615	40	6495.11898	4200.96	2070.359016
161.336	2.68893	40	6501.79098	4200.97	2073.360798
161.503	2.69171	40	6508.46298	4200.97	2076.362581
161.669	2.69449	40	6515.13498	4200.97	2079.364364
161.836	2.69726	40	6521.78298	4200.97	2082.355349
162.002	2.70004	40	6528.45498	4200.97	2085.357132
162.169	2.70282	40	6535.12698	4200.97	2088.358898
162.336	2.7056	40	6541.79898	4200.97	2091.360664
162.503	2.70838	40	6548.47098	4200.97	2094.36243
162.669	2.71115	40	6555.11898	4200.97	2097.353399
162.836	2.71393	40	6561.79098	4200.98	2100.355165
163.003	2.71671	40	6568.46298	4200.98	2103.356931
163.169	2.71949	40	6575.13498	4200.98	2106.358697
163.336	2.72226	40	6581.78298	4200.98	2109.349666
163.502	2.72504	40	6588.45498	4200.98	2112.351432
163.669	2.72782	40	6595.12698	4200.98	2115.353198
163.836	2.7306	40	6601.79898	4200.98	2118.354964

164.003	2.73338	40	6608.47098	4200.98	2121.356714
164.169	2.73615	40	6615.11898	4200.99	2124.347666
164.336	2.73893	40	6621.79098	4200.99	2127.349415
164.503	2.74171	40	6628.46298	4200.99	2130.351165
164.669	2.74449	40	6635.13498	4200.99	2133.352914
164.836	2.74727	40	6641.80698	4200.99	2136.354664
165.002	2.75004	40	6648.45498	4200.99	2139.345615
165.169	2.75282	40	6655.12698	4200.99	2142.347365
165.336	2.7556	40	6661.79898	4200.99	2145.349114
165.503	2.75838	40	6668.47098	4200.99	2148.350864
165.669	2.76115	40	6675.11898	4201	2151.341816
165.836	2.76393	40	6681.79098	4201	2154.343565
166.003	2.76671	40	6688.46298	4201	2157.345315
166.169	2.76949	40	6695.13498	4201	2160.347047
166.336	2.77226	40	6701.78298	4201	2163.337983
166.502	2.77504	40	6708.45498	4201	2166.339715
166.669	2.77782	40	6715.12698	4201	2169.341448
166.836	2.7806	40	6721.79898	4201	2172.343181
167.003	2.78338	40	6728.47098	4201.01	2175.344914
167.169	2.78615	40	6735.11898	4201.01	2178.335849
167.336	2.78893	40	6741.79098	4201.01	2181.337582
167.503	2.79171	40	6748.46298	4201.01	2184.339315
167.669	2.79449	40	6755.13498	4201.01	2187.341047
167.836	2.79726	40	6761.78298	4201.01	2190.331983
168.002	2.80004	40	6768.45498	4201.01	2193.333715
168.169	2.80282	40	6775.12698	4201.01	2196.335448
168.336	2.8056	40	6781.79898	4201.01	2199.337181
168.502	2.80837	40	6788.44698	4201.01	2202.328116
168.669	2.81115	40	6795.11898	4201.02	2205.329832
168.836	2.81393	40	6801.79098	4201.02	2208.331548
169.003	2.81671	40	6808.46298	4201.02	2211.333265
169.169	2.81949	40	6815.13498	4201.02	2214.334981
169.336	2.82226	40	6821.78298	4201.02	2217.325899
169.502	2.82504	40	6828.45498	4201.02	2220.327615
169.669	2.82782	40	6835.12698	4201.02	2223.329331
169.836	2.8306	40	6841.79898	4201.02	2226.331048
170.002	2.83337	40	6848.44698	4201.02	2229.321966
170.169	2.83615	40	6855.11898	4201.02	2232.323682
170.336	2.83893	40	6861.79098	4201.02	2235.325398
170.503	2.84171	40	6868.46298	4201.02	2238.327115
170.669	2.84449	40	6875.13498	4201.02	2241.328831
170.836	2.84726	40	6881.78298	4201.03	2244.319749
171.002	2.85004	40	6888.45498	4201.03	2247.321465

171.169	2.85282	40	6895.12698	4201.03	2250.323181
171.336	2.8556	40	6901.79898	4201.03	2253.324881
171.502	2.85837	40	6908.44698	4201.03	2256.315783
171.669	2.86115	40	6915.11898	4201.03	2259.317482
171.836	2.86393	40	6921.79098	4201.03	2262.319182
172.003	2.86671	40	6928.46298	4201.03	2265.320881
172.169	2.86949	40	6935.13498	4201.03	2268.322581
172.336	2.87226	40	6941.78298	4201.03	2271.313483
172.502	2.87504	40	6948.45498	4201.03	2274.315182
172.669	2.87782	40	6955.12698	4201.03	2277.316881
172.836	2.8806	40	6961.79898	4201.03	2280.318581
173.003	2.88338	40	6968.47098	4201.03	2283.32028
173.169	2.88615	40	6975.11898	4201.04	2286.311182
173.336	2.88893	40	6981.79098	4201.04	2289.312882
173.503	2.89171	40	6988.46298	4201.04	2292.314581
173.669	2.89449	40	6995.13498	4201.04	2295.316281
173.836	2.89726	40	7001.78298	4201.04	2298.307183
174.002	2.90004	40	7008.45498	4201.04	2301.308882
174.169	2.90282	40	7015.12698	4201.04	2304.310581
174.336	2.9056	40	7021.79898	4201.04	2307.312264
174.502	2.90837	40	7028.44698	4201.04	2310.30315
174.669	2.91115	40	7035.11898	4201.04	2313.304832
174.836	2.91393	40	7041.79098	4201.04	2316.306515
175.003	2.91671	40	7048.46298	4201.04	2319.308198
175.169	2.91949	40	7055.13498	4201.05	2322.309881
175.336	2.92226	40	7061.78298	4201.05	2325.300766
175.502	2.92504	40	7068.45498	4201.05	2328.302449
175.669	2.92782	40	7075.12698	4201.05	2331.304131
175.836	2.9306	40	7081.79898	4201.05	2334.305814
176.002	2.93337	40	7088.44698	4201.05	2337.2967
176.169	2.93615	40	7095.11898	4201.05	2340.298382
176.336	2.93893	40	7101.79098	4201.05	2343.300065
176.503	2.94171	40	7108.46298	4201.05	2346.301748
176.669	2.94449	40	7115.13498	4201.05	2349.303431
176.836	2.94726	40	7121.78298	4201.05	2352.294316
177.002	2.95004	40	7128.45498	4201.05	2355.295999
177.169	2.95282	40	7135.12698	4201.05	2358.297681
177.336	2.9556	40	7141.79898	4201.05	2361.299364
177.502	2.95837	40	7148.44698	4201.05	2364.29025
177.669	2.96115	40	7155.11898	4201.05	2367.291932
177.836	2.96393	40	7161.79098	4201.05	2370.293615
178.003	2.96671	40	7168.46298	4201.06	2373.295298
178.169	2.96949	40	7175.13498	4201.06	2376.296964

178.336	2.97226	40	7181.78298	4201.06	2379.287833
178.502	2.97504	40	7188.45498	4201.06	2382.289499
178.669	2.97782	40	7195.12698	4201.06	2385.291165
178.836	2.9806	40	7201.79898	4201.06	2388.292831
179.003	2.98338	40	7208.47098	4201.06	2391.294497
179.169	2.98615	40	7215.11898	4201.06	2394.285366
179.336	2.98893	40	7221.79098	4201.06	2397.287032
179.503	2.99171	40	7228.46298	4201.06	2400.288698
179.669	2.99449	40	7235.13498	4201.06	2403.290364
179.836	2.99726	40	7241.78298	4201.06	2406.281233
180.002	3.00004	40	7248.45498	4201.06	2409.282899
180.169	3.00282	40	7255.12698	4201.06	2412.284565
180.336	3.0056	40	7261.79898	4201.06	2415.286231
180.503	3.00838	40	7268.47098	4201.06	2418.287897
180.669	3.01115	40	7275.11898	4201.07	2421.278766
180.836	3.01393	40	7281.79098	4201.07	2424.280432
181.003	3.01671	40	7288.46298	4201.07	2427.282098
181.169	3.01949	40	7295.13498	4201.07	2430.283764
181.336	3.02226	40	7301.78298	4201.07	2433.274616
181.502	3.02504	40	7308.45498	4201.07	2436.276265
181.669	3.02782	40	7315.12698	4201.07	2439.277915
181.836	3.0306	40	7321.79898	4201.07	2442.279564
182.002	3.03337	40	7328.44698	4201.07	2445.270416
182.169	3.03615	40	7335.11898	4201.07	2448.272066
182.336	3.03893	40	7341.79098	4201.07	2451.273715
182.503	3.04171	40	7348.46298	4201.07	2454.275365
182.669	3.04449	40	7355.13498	4201.07	2457.277014
182.836	3.04726	40	7361.78298	4201.07	2460.267866
183.002	3.05004	40	7368.45498	4201.08	2463.269515
183.169	3.05282	40	7375.12698	4201.08	2466.271165
183.336	3.0556	40	7381.79898	4201.08	2469.272814
183.502	3.05837	40	7388.44698	4201.08	2472.263666
183.669	3.06115	40	7395.11898	4201.08	2475.265316
183.836	3.06393	40	7401.79098	4201.08	2478.266965
184.003	3.06671	40	7408.46298	4201.08	2481.268615
184.169	3.06949	40	7415.13498	4201.08	2484.270264
184.336	3.07226	40	7421.78298	4201.08	2487.261116
184.502	3.07504	40	7428.45498	4201.08	2490.262765
184.669	3.07782	40	7435.12698	4201.08	2493.264415
184.836	3.0806	40	7441.79898	4201.08	2496.266064
185.003	3.08338	40	7448.47098	4201.09	2499.267697
185.169	3.08615	40	7455.11898	4201.08	2502.258532
185.336	3.08893	40	7461.79098	4201.09	2505.260165

185.503	3.09171	40	7468.46298	4201.09	2508.261798
185.669	3.09449	40	7475.13498	4201.09	2511.263431
185.836	3.09726	40	7481.78298	4201.09	2514.254266
186.002	3.10004	40	7488.45498	4201.09	2517.255899
186.169	3.10282	40	7495.12698	4201.09	2520.257532
186.336	3.1056	40	7501.79898	4201.09	2523.259164
186.503	3.10838	40	7508.47098	4201.09	2526.260797
186.669	3.11115	40	7515.11898	4201.09	2529.251632
186.836	3.11393	40	7521.79098	4201.09	2532.253265
187.003	3.11671	40	7528.46298	4201.09	2535.254898
187.169	3.11949	40	7535.13498	4201.09	2538.256531
187.336	3.12226	40	7541.78298	4201.09	2541.247366
187.502	3.12504	40	7548.45498	4201.09	2544.248999
187.669	3.12782	40	7555.12698	4201.09	2547.250632
187.836	3.1306	40	7561.79898	4201.09	2550.252264
188.003	3.13338	40	7568.47098	4201.1	2553.253897
188.169	3.13615	40	7575.11898	4201.11	2556.244716
188.336	3.13893	40	7581.79098	4201.11	2559.246315
188.503	3.14171	40	7588.46298	4201.12	2562.247915
188.669	3.14449	40	7595.13498	4201.12	2565.249514
188.836	3.14726	40	7601.78298	4201.13	2568.2403
189.002	3.15004	40	7608.45498	4201.13	2571.241882
189.169	3.15282	40	7615.12698	4201.14	2574.243465
189.336	3.1556	40	7621.79898	4201.14	2577.245048
189.502	3.15837	40	7628.44698	4201.14	2580.235833
189.669	3.16115	40	7635.11898	4201.14	2583.237399
189.836	3.16393	40	7641.79098	4201.14	2586.238965
190.003	3.16671	40	7648.46298	4201.15	2589.240531
190.169	3.16949	40	7655.13498	4201.15	2592.242097
190.336	3.17226	40	7661.78298	4201.15	2595.232866
190.502	3.17504	40	7668.45498	4201.15	2598.234432
190.669	3.17782	40	7675.12698	4201.15	2601.235998
190.836	3.1806	40	7681.79898	4201.15	2604.237564
191.003	3.18338	40	7688.47098	4201.15	2607.23913
191.169	3.18615	40	7695.11898	4201.15	2610.229899
191.336	3.18893	40	7701.79098	4201.15	2613.231465
191.503	3.19171	40	7708.46298	4201.15	2616.233031
191.669	3.19449	40	7715.13498	4201.15	2619.234597
191.836	3.19726	40	7721.78298	4201.15	2622.225366
192.002	3.20004	40	7728.45498	4201.15	2625.226932
192.169	3.20282	40	7735.12698	4201.15	2628.228498
192.336	3.2056	40	7741.79898	4201.15	2631.230064
192.503	3.20838	40	7748.47098	4201.15	2634.23163

192.669	3.21115	40	7755.11898	4201.15	2637.222399
192.836	3.21393	40	7761.79098	4201.15	2640.223965
193.003	3.21671	40	7768.46298	4201.15	2643.225531
193.169	3.21949	40	7775.13498	4201.15	2646.227097
193.336	3.22226	40	7781.78298	4201.15	2649.217866
193.502	3.22504	40	7788.45498	4201.15	2652.219432
193.669	3.22782	40	7795.12698	4201.15	2655.220998
193.836	3.2306	40	7801.79898	4201.15	2658.222564
194.003	3.23338	40	7808.47098	4201.15	2661.22413
194.169	3.23615	40	7815.11898	4201.15	2664.214899
194.336	3.23893	40	7821.79098	4201.15	2667.216465
194.503	3.24171	40	7828.46298	4201.15	2670.218031
194.669	3.24449	40	7835.13498	4201.15	2673.219597
194.836	3.24726	40	7841.78298	4201.15	2676.210366
195.002	3.25004	40	7848.45498	4201.15	2679.211932
195.169	3.25282	40	7855.12698	4201.15	2682.213498
195.336	3.2556	40	7861.79898	4201.15	2685.215064
195.503	3.25838	40	7868.47098	4201.15	2688.21663
195.669	3.26115	40	7875.11898	4201.15	2691.207399
195.836	3.26393	40	7881.79098	4201.15	2694.208965
196.003	3.26671	40	7888.46298	4201.15	2697.210531
196.169	3.26949	40	7895.13498	4201.15	2700.212097
196.336	3.27226	40	7901.78298	4201.15	2703.202866
196.502	3.27504	40	7908.45498	4201.15	2706.204432
196.669	3.27782	40	7915.12698	4201.15	2709.205998
196.836	3.2806	40	7921.79898	4201.15	2712.207564
197.003	3.28338	40	7928.47098	4201.15	2715.20913
197.169	3.28615	40	7935.11898	4201.15	2718.199899
197.336	3.28893	40	7941.79098	4201.15	2721.201465
197.503	3.29171	40	7948.46298	4201.15	2724.203031
197.669	3.29449	40	7955.13498	4201.15	2727.204597
197.836	3.29726	40	7961.78298	4201.15	2730.195366
198.002	3.30004	40	7968.45498	4201.15	2733.196932
198.169	3.30282	40	7975.12698	4201.15	2736.198498
198.336	3.3056	40	7981.79898	4201.15	2739.200064
198.502	3.30837	40	7988.44698	4201.15	2742.190833
198.669	3.31115	40	7995.11898	4201.15	2745.192399
198.836	3.31393	40	8001.79098	4201.15	2748.193965
199.003	3.31671	40	8008.46298	4201.15	2751.195531
199.169	3.31949	40	8015.13498	4201.15	2754.197097
199.336	3.32226	40	8021.78298	4201.15	2757.187866
199.502	3.32504	40	8028.45498	4201.15	2760.189432
199.669	3.32782	40	8035.12698	4201.15	2763.190998

199.836	3.3306	40	8041.79898	4201.15	2766.192564
200.002	3.33337	40	8048.44698	4201.15	2769.183333
200.169	3.33615	40	8055.11898	4201.15	2772.184899
200.336	3.33893	40	8061.79098	4201.15	2775.186465
200.503	3.34171	40	8068.46298	4201.15	2778.188031
200.669	3.34449	40	8075.13498	4201.15	2781.189597
200.836	3.34726	40	8081.78298	4201.15	2784.180366
201.002	3.35004	40	8088.45498	4201.15	2787.181932
201.169	3.35282	40	8095.12698	4201.15	2790.183498
201.336	3.3556	40	8101.79898	4201.15	2793.185064
201.502	3.35837	40	8108.44698	4201.15	2796.175833
201.669	3.36115	40	8115.11898	4201.15	2799.177399
201.836	3.36393	40	8121.79098	4201.15	2802.178965
202.003	3.36671	40	8128.46298	4201.15	2805.180531
202.169	3.36949	40	8135.13498	4201.15	2808.182097
202.336	3.37226	40	8141.78298	4201.15	2811.172866
202.502	3.37504	40	8148.45498	4201.15	2814.174432
202.669	3.37782	40	8155.12698	4201.15	2817.175998
202.836	3.3806	40	8161.79898	4201.15	2820.177564
203.003	3.38338	40	8168.47098	4201.15	2823.17913
203.169	3.38615	40	8175.11898	4201.15	2826.169899
203.336	3.38893	40	8181.79098	4201.15	2829.171465
203.503	3.39171	40	8188.46298	4201.15	2832.173031
203.669	3.39449	40	8195.13498	4201.15	2835.174597
203.836	3.39726	40	8201.78298	4201.15	2838.165366
204.002	3.40004	40	8208.45498	4201.15	2841.166932
204.169	3.40282	40	8215.12698	4201.15	2844.168498
204.336	3.4056	40	8221.79898	4201.15	2847.170064
204.502	3.40837	40	8228.44698	4201.15	2850.160833
204.669	3.41115	40	8235.11898	4201.15	2853.162399
204.836	3.41393	40	8241.79098	4201.15	2856.163965
205.003	3.41671	40	8248.46298	4201.15	2859.165531
205.169	3.41949	40	8255.13498	4201.15	2862.167097
205.336	3.42226	40	8261.78298	4201.15	2865.157866
205.502	3.42504	40	8268.45498	4201.15	2868.159432
205.669	3.42782	40	8275.12698	4201.15	2871.160998
205.836	3.4306	40	8281.79898	4201.15	2874.162564
206.002	3.43337	40	8288.44698	4201.15	2877.153333
206.169	3.43615	40	8295.11898	4201.15	2880.154899
206.336	3.43893	40	8301.79098	4201.15	2883.156465
206.503	3.44171	40	8308.46298	4201.15	2886.158031
206.669	3.44449	40	8315.13498	4201.15	2889.159597
206.836	3.44726	40	8321.78298	4201.15	2892.150366

207.002	3.45004	40	8328.45498	4201.15	2895.151932
207.169	3.45282	40	8335.12698	4201.12	2898.153532
207.336	3.4556	40	8341.79898	4201.12	2901.155131
207.502	3.45837	40	8348.44698	4201.12	2904.145933
207.669	3.46115	40	8355.11898	4201.11	2907.147549
207.836	3.46393	40	8361.79098	4201.1	2910.149165
208.003	3.46671	40	8368.46298	4201.09	2913.150798
208.169	3.46949	40	8375.13498	4201.09	2916.152431
208.336	3.47226	40	8381.78298	4201.08	2919.143283
208.502	3.47504	40	8388.45498	4201.07	2922.144949
208.669	3.47782	40	8395.12698	4201.06	2925.146615
208.836	3.4806	40	8401.79898	4201.06	2928.148281
209.003	3.48338	40	8408.47098	4201.07	2931.149947
209.169	3.48615	40	8415.11898	4201.07	2934.140816
209.336	3.48893	40	8421.79098	4201.07	2937.142482
209.503	3.49171	40	8428.46298	4201.07	2940.144148
209.669	3.49449	40	8435.13498	4201.07	2943.145797
209.836	3.49726	40	8441.78298	4201.07	2946.136666
210.002	3.50004	40	8448.45498	4201.07	2949.138315
210.169	3.50282	40	8455.12698	4201.07	2952.139965
210.336	3.5056	40	8461.79898	4201.07	2955.141614
210.503	3.50838	40	8468.47098	4201.07	2958.143264
210.669	3.51115	40	8475.11898	4201.07	2961.134116
210.836	3.51393	40	8481.79098	4201.07	2964.135765
211.003	3.51671	40	8488.46298	4201.07	2967.137415
211.169	3.51949	40	8495.13498	4201.07	2970.139064
211.336	3.52226	40	8501.78298	4201.07	2973.129916
211.502	3.52504	40	8508.45498	4201.07	2976.131565
211.669	3.52782	40	8515.12698	4201.07	2979.133215
211.836	3.5306	40	8521.79898	4201.07	2982.134864
212.002	3.53337	40	8528.44698	4201.07	2985.125716
212.169	3.53615	40	8535.11898	4201.07	2988.127366
212.336	3.53893	40	8541.79098	4201.07	2991.129015
212.503	3.54171	40	8548.46298	4201.08	2994.130665
212.669	3.54449	40	8555.13498	4201.08	2997.132314
212.836	3.54726	40	8561.78298	4201.08	3000.123166
213.002	3.55004	40	8568.45498	4201.08	3003.124815
213.169	3.55282	40	8575.12698	4201.08	3006.126465
213.336	3.5556	40	8581.79898	4201.08	3009.128114
213.502	3.55837	40	8588.44698	4201.08	3012.118966
213.669	3.56115	40	8595.11898	4201.08	3015.120616
213.836	3.56393	40	8601.79098	4201.08	3018.122265
214.003	3.56671	40	8608.46298	4201.08	3021.123915

214.169	3.56949	40	8615.13498	4201.08	3024.125564
214.336	3.57226	40	8621.78298	4201.08	3027.116416
214.502	3.57504	40	8628.45498	4201.08	3030.118065
214.669	3.57782	40	8635.12698	4201.08	3033.119715
214.836	3.5806	40	8641.79898	4201.08	3036.121364
215.003	3.58338	40	8648.47098	4201.08	3039.123014
215.169	3.58615	40	8655.11898	4201.08	3042.113866
215.336	3.58893	40	8661.79098	4201.08	3045.115515
215.503	3.59171	40	8668.46298	4201.08	3048.117165
215.669	3.59449	40	8675.13498	4201.08	3051.118814
215.836	3.59726	40	8681.78298	4201.08	3054.109666
216.002	3.60004	40	8688.45498	4201.08	3057.111315
216.169	3.60282	40	8695.12698	4201.08	3060.112965
216.336	3.6056	40	8701.79898	4201.08	3063.114614
216.503	3.60838	40	8708.47098	4201.08	3066.116264
216.669	3.61115	40	8715.11898	4201.08	3069.107116
216.836	3.61393	40	8721.79098	4201.08	3072.108765
217.003	3.61671	40	8728.46298	4201.08	3075.110415
217.169	3.61949	40	8735.13498	4201.08	3078.112064
217.336	3.62226	40	8741.78298	4201.08	3081.102916
217.502	3.62504	40	8748.45498	4201.08	3084.104565
217.669	3.62782	40	8755.12698	4201.08	3087.106215
217.836	3.6306	40	8761.79898	4201.08	3090.107864
218.003	3.63338	40	8768.47098	4201.08	3093.109514
218.169	3.63615	40	8775.11898	4201.08	3096.100366
218.336	3.63893	40	8781.79098	4201.08	3099.102015
218.503	3.64171	40	8788.46298	4201.08	3102.103665
218.669	3.64449	40	8795.13498	4201.08	3105.105314
218.836	3.64726	40	8801.78298	4201.08	3108.096166
219.002	3.65004	40	8808.45498	4201.08	3111.097815
219.169	3.65282	40	8815.12698	4201.08	3114.099465
219.336	3.6556	40	8821.79898	4201.08	3117.101114
219.502	3.65837	40	8828.46698	4201.08	3120.091966
219.669	3.66115	40	8835.11898	4201.08	3123.093616
219.836	3.66393	40	8841.79098	4201.08	3126.095265
220.003	3.66671	40	8848.46298	4201.08	3129.096915
220.169	3.66949	40	8855.13498	4201.08	3132.098564
220.336	3.67226	40	8861.78298	4201.08	3135.089416
220.502	3.67504	40	8868.45498	4201.08	3138.091065
220.669	3.67782	40	8875.12698	4201.06	3141.092732
220.836	3.6806	40	8881.79898	4201.04	3144.094414
221.003	3.68338	40	8888.47098	4201.03	3147.096114
221.169	3.68615	40	8895.11898	4201.03	3150.087032

221.336	3.68893	40	8901.79098	4201.02	3153.088748
221.503	3.69171	40	8908.46298	4201.02	3156.090465
221.669	3.69449	40	8915.13498	4201.01	3159.092197
221.836	3.69726	40	8921.78298	4201.01	3162.083133
222.002	3.70004	40	8928.45498	4201.01	3165.084865
222.169	3.70282	40	8935.12698	4201.01	3168.086598
222.336	3.7056	40	8941.79898	4201.01	3171.088331
222.503	3.70838	40	8948.47098	4201.01	3174.090064
222.669	3.71115	40	8955.11898	4201.01	3177.080999
222.836	3.71393	40	8961.79098	4201.01	3180.082732
223.003	3.71671	40	8968.46298	4201.02	3183.084448
223.169	3.71949	40	8975.13498	4201.02	3186.086164
223.336	3.72226	40	8981.78298	4201.02	3189.077083
223.502	3.72504	40	8988.45498	4201.05	3192.078765
223.669	3.72782	40	8995.12698	4201.06	3195.080431
223.836	3.7306	40	9001.79898	4201.08	3198.082081
224.003	3.73338	40	9008.47098	4201.09	3201.083714
224.169	3.73615	40	9015.11898	4201.1	3204.074532
224.336	3.73893	40	9021.79098	4201.11	3207.076148
224.503	3.74171	40	9028.46298	4201.11	3210.077748
224.669	3.74449	40	9035.13498	4201.12	3213.079347
224.836	3.74726	40	9041.78298	4201.13	3216.070133
225.002	3.75004	40	9048.45498	4201.13	3219.071715
225.169	3.75282	40	9055.12698	4201.13	3222.073298
225.336	3.7556	40	9061.79898	4201.14	3225.074881
225.503	3.75838	40	9068.47098	4201.14	3228.076464
225.669	3.76115	40	9075.11898	4201.14	3231.067233
225.836	3.76393	40	9081.79098	4201.15	3234.068799
226.003	3.76671	40	9088.46298	4201.15	3237.070365
226.169	3.76949	40	9095.13498	4201.15	3240.071931
226.336	3.77226	40	9101.78298	4201.15	3243.0627
226.502	3.77504	40	9108.45498	4201.15	3246.064266
226.669	3.77782	40	9115.12698	4201.15	3249.065832
226.836	3.7806	40	9121.79898	4201.15	3252.067398
227.003	3.78338	40	9128.47098	4201.15	3255.068964
227.169	3.78615	40	9135.11898	4201.15	3258.059733
227.336	3.78893	40	9141.79098	4201.15	3261.061299
227.503	3.79171	40	9148.46298	4201.15	3264.062865
227.669	3.79449	40	9155.13498	4201.15	3267.064431
227.836	3.79726	40	9161.78298	4201.15	3270.0552
228.002	3.80004	40	9168.45498	4201.15	3273.056766
228.169	3.80282	40	9175.12698	4201.15	3276.058332
228.336	3.8056	40	9181.79898	4201.15	3279.059898

228.502	3.80837	40	9188.44698	4201.15	3282.050667
228.669	3.81115	40	9195.11898	4201.15	3285.052233
228.836	3.81393	40	9201.79098	4201.15	3288.053799
229.003	3.81671	40	9208.46298	4201.15	3291.055365
229.169	3.81949	40	9215.13498	4201.15	3294.056931
229.336	3.82226	40	9221.78298	4201.15	3297.0477
229.502	3.82504	40	9228.45498	4201.15	3300.049266
229.669	3.82782	40	9235.12698	4201.15	3303.050832
229.836	3.8306	40	9241.79898	4201.15	3306.052398
230.002	3.83337	40	9248.44698	4201.15	3309.043167
230.169	3.83615	40	9255.11898	4201.15	3312.044733
230.336	3.83893	40	9261.79098	4201.15	3315.046299
230.503	3.84171	40	9268.46298	4201.15	3318.047865
230.669	3.84449	40	9275.13498	4201.15	3321.049431
230.836	3.84726	40	9281.78298	4201.15	3324.0402
231.002	3.85004	40	9288.45498	4201.15	3327.041766
231.169	3.85282	40	9295.12698	4201.15	3330.043332
231.336	3.8556	40	9301.79898	4201.15	3333.044898
231.502	3.85837	40	9308.44698	4201.15	3336.035667
231.669	3.86115	40	9315.11898	4201.15	3339.037233
231.836	3.86393	40	9321.79098	4201.15	3342.038799
232.003	3.86671	40	9328.46298	4201.15	3345.040365
232.169	3.86949	40	9335.13498	4201.15	3348.041931
232.336	3.87226	40	9341.78298	4201.15	3351.0327
232.502	3.87504	40	9348.45498	4201.15	3354.034266
232.669	3.87782	40	9355.12698	4201.15	3357.035832
232.836	3.8806	40	9361.79898	4201.15	3360.037398
233.003	3.88338	40	9368.47098	4201.15	3363.038964
233.169	3.88615	40	9375.11898	4201.15	3366.029733
233.336	3.88893	40	9381.79098	4201.15	3369.031299
233.503	3.89171	40	9388.46298	4201.15	3372.032865
233.669	3.89449	40	9395.13498	4201.15	3375.034431
233.836	3.89726	40	9401.78298	4201.15	3378.0252
234.002	3.90004	40	9408.45498	4201.15	3381.026766
234.169	3.90282	40	9415.12698	4201.15	3384.028332
234.336	3.9056	40	9421.79898	4201.15	3387.029898
234.502	3.90837	40	9428.44698	4201.15	3390.020667
234.669	3.91115	40	9435.11898	4201.15	3393.022233
234.836	3.91393	40	9441.79098	4201.15	3396.023799
235.003	3.91671	40	9448.46298	4201.15	3399.025365
235.169	3.91949	40	9455.13498	4201.15	3402.026931
235.336	3.92226	40	9461.78298	4201.15	3405.0177
235.502	3.92504	40	9468.45498	4201.15	3408.019266

235.669	3.92782	40	9475.12698	4201.15	3411.020832
235.836	3.9306	40	9481.79898	4201.15	3414.022398
236.002	3.93337	40	9488.44698	4201.15	3417.013167
236.169	3.93615	40	9495.11898	4201.15	3420.014733
236.336	3.93893	40	9501.79098	4201.15	3423.016299
236.503	3.94171	40	9508.46298	4201.15	3426.017865
236.669	3.94449	40	9515.13498	4201.15	3429.019431
236.836	3.94726	40	9521.78298	4201.15	3432.0102
237.002	3.95004	40	9528.45498	4201.16	3435.011766
237.169	3.95282	40	9535.12698	4201.15	3438.013332
237.336	3.9556	40	9541.79898	4201.15	3441.014898
237.502	3.95837	40	9548.44698	4201.15	3444.005667
237.669	3.96115	40	9555.11898	4201.15	3447.007233
237.836	3.96393	40	9561.79098	4201.15	3450.008799
238.003	3.96671	40	9568.46298	4201.15	3453.010365
238.169	3.96949	40	9575.13498	4201.15	3456.011931
238.336	3.97226	40	9581.78298	4201.15	3459.0027
238.502	3.97504	40	9588.45498	4201.15	3462.004266
238.669	3.97782	40	9595.12698	4201.15	3465.005832
238.836	3.9806	40	9601.79898	4201.15	3468.007398
239.003	3.98338	40	9608.47098	4201.15	3471.008964
239.169	3.98615	40	9615.11898	4201.15	3473.999733
239.336	3.98893	40	9621.79098	4201.15	3477.001299
239.503	3.99171	40	9628.46298	4201.15	3480.002865
239.669	3.99449	40	9635.13498	4201.15	3483.004431
239.836	3.99726	40	9641.78298	4201.15	3485.9952
240.002	4.00004	40	9648.45498	4201.15	3488.996766

Annular flow only, 10,000 stbo/d, 16.4 (500) followed by 14.2

Time min	Time hours	Pump Rate bpm	Volume pumped bbls	WHP psia	Flow down bbls	Kill Volume (bbls)
0	0	0	0	3013.32	0	
0.169	0.00282047	50	8.5	3055.25	0.697	
0.336	0.00559825	50	16.8	3087.48	3.576	
0.503	0.00837603	50	25.1	3117.03	8.298	
0.669	0.0111538	50	33.5	3149.39	13.952	
0.836	0.0139316	50	41.8	3184.68	19.973	
1.003	0.0167094	50	50.1	3223.39	26.101	
1.169	0.0194871	50	58.5	3264.27	32.229	
1.336	0.0222649	50	66.8	3308.61	38.317	
1.503	0.0250427	50	75.1	3356.14	44.343	
1.669	0.0278205	50	83.5	3405.88	50.296	
1.836	0.0305983	50	91.8	3457.39	56.176	
2.003	0.033376	50	100.1	3515.69	61.972	
2.169	0.0361538	50	108.5	3574.97	67.685	
2.336	0.0389316	50	116.8	3638.25	73.311	
2.503	0.0417094	50	125.1	3701.7	78.851	
2.669	0.0444871	50	133.5	3771.72	84.300	
2.836	0.0472649	50	141.8	3842.29	89.660	
3.003	0.0500427	50	150.1	3915.88	94.929	
3.169	0.0528205	50	158.5	3995.04	100.104	
3.336	0.0555983	50	166.8	4082.33	105.177	
3.503	0.058376	50	175.1	4175.31	110.145	
3.669	0.0611538	50	183.5	4277.98	115.002	
3.836	0.0639316	50	191.8	4398.73	119.728	
4.003	0.0667094	50	200.1	4524.73	124.326	
4.169	0.0694871	50	208.5	4694.05	128.756	
4.336	0.0722649	50	216.8	5038.73	132.847	
4.503	0.0750427	50	225.1	5509.98	136.539	
4.669	0.0778205	50	233.5	5994.13	139.857	
4.836	0.0805983	50	241.8	6444.02	142.852	
5.003	0.083376	40	248.5	6851.73	145.570	
5.169	0.0861538	40	255.1	7076.52	146.487	
5.336	0.0889316	40	261.8	7262.08	147.289	
5.503	0.0917094	40	268.5	7422.85	147.987	
5.669	0.0944871	40	275.1	7557.71	148.602	
5.836	0.0972649	40	281.8	7659	149.159	
6.003	0.100043	40	288.5	7730.65	149.672	
6.169	0.10282	40	295.1	7785.85	150.153	

6.336	0.105598	40	301.8	7828.27	150.609
6.503	0.108376	40	308.5	7860.24	151.047
6.669	0.111154	40	315.1	7883.89	151.470
6.836	0.113932	40	321.8	7901.06	151.884
7.003	0.116709	40	328.5	7913.01	152.291
7.169	0.119487	40	335.1	7920.48	152.694
7.336	0.122265	40	341.8	7924.74	153.094
7.503	0.125043	40	348.5	7925.78	153.495
7.669	0.12782	40	355.1	7924.3	153.896
7.836	0.130598	40	361.8	7920.98	154.299
8.003	0.133376	40	368.5	7916.04	154.706
8.169	0.136154	40	375.1	7909.66	155.116
8.336	0.138932	40	381.8	7901.96	155.532
8.503	0.141709	40	388.5	7892.17	155.953
8.669	0.144487	40	395.1	7881.42	156.381
8.836	0.147265	40	401.8	7870.78	156.816
9.003	0.150043	40	408.5	7860.27	157.257
9.169	0.15282	40	415.1	7849.88	157.704
9.336	0.155598	40	421.8	7839.68	158.157
9.503	0.158376	40	428.5	7829.46	158.616
9.669	0.161154	40	435.1	7819.33	159.082
9.836	0.163932	40	441.8	7809.4	159.554
10.003	0.166709	40	448.5	7799.83	160.031
10.169	0.169487	40	455.1	7790.85	160.514
10.336	0.172265	40	461.8	7782.57	161.002
10.503	0.175043	40	468.5	7774.49	161.494
10.669	0.17782	40	475.1	7766.91	161.991
10.836	0.180598	40	481.8	7759.97	162.493
11.003	0.183376	40	488.5	7753.43	162.998
11.169	0.186154	40	495.1	7747.32	163.507
11.336	0.188932	40	501.8	7718.94	163.224
11.503	0.191709	40	508.5	7674.15	163.305
11.669	0.194487	40	515.1	7651.56	163.496
11.836	0.197265	40	521.8	7632.46	163.675
12.003	0.200043	40	528.5	7613.95	163.831
12.169	0.20282	40	535.1	7596.48	163.975
12.336	0.205598	40	541.8	7580.97	164.119
12.503	0.208376	40	548.5	7567.99	164.266
12.669	0.211154	40	555.1	7556.63	164.419
12.836	0.213932	40	561.8	7545.42	164.579
13.003	0.216709	40	568.5	7536.15	164.744
13.169	0.219487	40	575.1	7529.25	164.915
13.336	0.222265	40	581.8	7524.19	165.090

13.503	0.225043	40	588.5	7520.51	165.268
13.669	0.22782	40	595.1	7517.76	165.448
13.836	0.230598	40	601.8	7515.62	165.631
14.003	0.233376	40	608.5	7513.94	165.815
14.169	0.236154	40	615.1	7512.52	166.002
14.336	0.238932	40	621.8	7511.25	166.190
14.503	0.241709	40	628.5	7510.08	166.380
14.669	0.244487	40	635.1	7508.98	166.571
14.836	0.247265	40	641.8	7508	166.764
15.003	0.250043	40	648.5	7506.99	166.958
15.169	0.25282	40	655.1	7505.97	167.153
15.336	0.255598	40	661.8	7504.98	167.350
15.503	0.258376	40	668.5	7503.98	167.548
15.669	0.261154	40	675.1	7502.92	167.748
15.836	0.263932	40	681.8	7501.92	167.949
16.003	0.266709	40	688.5	7500.91	168.151
16.169	0.269487	40	695.1	7499.91	168.354
16.336	0.272265	40	701.8	7498.9	168.559
16.503	0.275043	40	708.5	7497.96	168.764
16.669	0.277821	40	715.1	7496.96	168.970
16.836	0.280598	40	721.8	7495.96	169.178
17.003	0.283376	40	728.5	7494.96	169.386
17.169	0.286154	40	735.1	7493.96	169.596
17.336	0.288932	40	741.8	7492.9	169.806
17.503	0.291709	40	748.5	7491.9	170.018
17.669	0.294487	40	755.1	7490.9	170.230
17.836	0.297265	40	761.8	7489.91	170.444
18.003	0.300043	40	768.5	7488.92	170.658
18.169	0.302821	40	775.1	7487.93	170.873
18.336	0.305598	40	781.8	7487.01	171.089
18.503	0.308376	40	788.5	7486.02	171.306
18.669	0.311154	40	795.1	7485.03	171.523
18.836	0.313932	40	801.8	7484.05	171.742
19.003	0.316709	40	808.5	7483.07	171.961
19.169	0.319487	40	815.1	7482.09	172.181
19.336	0.322265	40	821.8	7481.03	172.402
19.503	0.325043	40	828.5	7480.05	172.623
19.669	0.327821	40	835.1	7479.05	172.846
19.836	0.330598	40	841.8	7478.06	173.069
20.003	0.333376	40	848.5	7477.07	173.293
20.169	0.336154	40	855.1	7476.07	173.518
20.336	0.338932	40	861.8	7475.16	173.743
20.503	0.341709	40	868.5	7474.16	173.969

20.669	0.344487	40	875.1	7473.17	174.195
20.836	0.347265	40	881.8	7472.19	174.422
21.003	0.350043	40	888.5	7471.21	174.650
21.169	0.352821	40	895.1	7470.15	174.879
21.336	0.355598	40	901.8	7469.18	175.109
21.503	0.358376	40	908.5	7468.22	175.339
21.669	0.361154	40	915.1	7467.28	175.570
21.836	0.363932	40	921.8	7466.34	175.801
22.003	0.366709	40	928.5	7465.39	176.034
22.169	0.369487	40	935.1	7464.44	176.266
22.336	0.372265	40	941.8	7463.56	176.499
22.503	0.375043	40	948.5	7462.6	176.733
22.669	0.377821	40	955.1	7461.62	176.968
22.836	0.380598	40	961.8	7460.65	177.203
23.003	0.383376	40	968.5	7459.67	177.438
23.169	0.386154	40	975.1	7458.7	177.675
23.336	0.388932	40	981.8	7457.72	177.912
23.503	0.391709	40	988.5	7456.66	178.150
23.669	0.394487	40	995.1	7455.67	178.388
23.836	0.397265	40	1001.8	7454.69	178.627
24.003	0.400043	40	1008.5	7453.7	178.867
24.169	0.402821	40	1015.1	7452.72	179.107
24.336	0.405598	40	1021.8	7451.68	179.348
24.503	0.408376	40	1028.5	7450.68	179.590
24.669	0.411154	40	1035.1	7449.76	179.832
24.836	0.413932	40	1041.8	7448.77	180.075
25.003	0.416709	40	1048.5	7447.77	180.318
25.169	0.419487	40	1055.1	7446.77	180.562
25.336	0.422265	40	1061.8	7445.8	180.807
25.503	0.425043	40	1068.5	7444.82	181.052
25.669	0.427821	40	1075.1	7443.86	181.298
25.836	0.430598	40	1081.8	7442.79	181.545
26.003	0.433376	40	1088.5	7441.81	181.792
26.169	0.436154	40	1095.1	7440.83	182.040
26.336	0.438932	40	1101.8	7439.85	182.289
26.503	0.441709	40	1108.5	7438.86	182.538
26.669	0.444487	40	1115.1	7437.87	182.788
26.836	0.447265	40	1121.8	7436.89	183.038
27.003	0.450043	40	1128.5	7435.9	183.289
27.169	0.452821	40	1135.1	7435	183.540
27.336	0.455598	40	1141.8	7434.01	183.792
27.503	0.458376	40	1148.5	7433.02	184.045
27.669	0.461154	40	1155.1	7432.03	184.298

27.836	0.463932	40	1161.8	7431.03	184.552
28.003	0.466709	40	1168.5	7430.04	184.806
28.169	0.469487	40	1175.1	7429.05	185.061
28.336	0.472265	40	1181.8	7428.06	185.317
28.503	0.475043	40	1188.5	7427.08	185.574
28.669	0.477821	40	1195.1	7426.01	185.831
28.836	0.480598	40	1201.8	7425.02	186.089
29.003	0.483376	40	1208.5	7424.03	186.347
29.169	0.486154	40	1215.1	7423.04	186.606
29.336	0.488932	40	1221.8	7422.05	186.866
29.503	0.491709	40	1228.5	7421.05	187.126
29.669	0.494487	40	1235.1	7420.06	187.387
29.836	0.497265	40	1241.8	7419.08	187.649
30.003	0.500043	40	1248.5	7418.09	187.911
30.169	0.502821	40	1255.1	7417.22	188.174
30.336	0.505598	40	1261.8	7416.23	188.437
30.503	0.508376	40	1268.5	7415.3	188.700
30.669	0.511154	40	1275.1	7414.36	188.965
30.836	0.513932	40	1281.8	7413.4	189.230
31.003	0.516709	40	1288.5	7412.45	189.495
31.169	0.519487	40	1295.1	7411.46	189.761
31.336	0.522265	40	1301.8	7410.47	190.028
31.503	0.525043	40	1308.5	7409.47	190.295
31.669	0.527821	40	1315.1	7408.47	190.563
31.836	0.530598	40	1321.8	7407.46	190.832
32.003	0.533376	40	1328.5	7406.36	191.102
32.169	0.536154	40	1335.1	7405.34	191.372
32.336	0.538932	40	1341.8	7404.31	191.643
32.503	0.541709	40	1348.5	7403.29	191.915
32.669	0.544487	40	1355.1	7402.27	192.187
32.836	0.547265	40	1361.8	7401.26	192.460
33.003	0.550043	40	1368.5	7400.23	192.733
33.169	0.552821	40	1375.1	7399.2	193.008
33.336	0.555598	40	1381.8	7398.18	193.283
33.503	0.558376	40	1388.5	7397.16	193.558
33.669	0.561154	40	1395.1	7396.14	193.835
33.836	0.563932	40	1401.8	7395.25	194.111
34.003	0.566709	40	1408.5	7394.2	194.389
34.169	0.569487	40	1415.1	7393.19	194.667
34.336	0.572265	40	1421.8	7392.17	194.946
34.503	0.575043	40	1428.5	7391.17	195.225
34.669	0.577821	40	1435.1	7390.15	195.505
34.836	0.580598	40	1441.8	7389.13	195.786

35.003	0.583376	40	1448.5	7388.11	196.067
35.169	0.586154	40	1455.1	7387.09	196.349
35.336	0.588932	40	1461.8	7386.06	196.632
35.503	0.591709	40	1468.5	7385.04	196.915
35.669	0.594487	40	1475.1	7384.01	197.199
35.836	0.597265	40	1481.8	7382.99	197.484
36.003	0.600043	40	1488.5	7381.85	197.770
36.169	0.602821	40	1495.1	7380.84	198.057
36.336	0.605598	40	1501.8	7379.84	198.344
36.503	0.608376	40	1508.5	7378.81	198.632
36.669	0.611154	40	1515.1	7377.79	198.920
36.836	0.613932	40	1521.8	7376.76	199.209
37.003	0.616709	40	1528.5	7375.73	199.499
37.169	0.619487	40	1535.1	7374.7	199.790
37.336	0.622265	40	1541.8	7373.39	200.082
37.503	0.625043	40	1548.5	7372.02	200.374
37.669	0.627821	40	1555.1	7370.76	200.667
37.836	0.630598	40	1561.8	7369.6	200.961
38.003	0.633376	40	1568.5	7368.51	201.256
38.169	0.636154	40	1575.1	7367.47	201.552
38.336	0.638932	40	1581.8	7366.45	201.848
38.503	0.641709	40	1588.5	7365.47	202.145
38.669	0.644487	40	1595.1	7364.58	202.442
38.836	0.647265	40	1601.8	7363.62	202.740
39.003	0.650043	40	1608.5	7362.65	203.038
39.169	0.652821	40	1615.1	7361.69	203.337
39.336	0.655598	40	1621.8	7360.69	203.637
39.503	0.658376	40	1628.5	7359.69	203.938
39.669	0.661154	40	1635.1	7358.7	204.239
39.836	0.663932	40	1641.8	7357.7	204.541
40.003	0.666709	40	1648.5	7356.71	204.843
40.169	0.669487	40	1655.1	7355.78	205.146
40.336	0.672265	40	1661.8	7354.81	205.450
40.503	0.675043	40	1668.5	7353.83	205.754
40.669	0.677821	40	1675.1	7352.84	206.060
40.836	0.680598	40	1681.8	7351.84	206.365
41.003	0.683376	40	1688.5	7350.84	206.672
41.169	0.686154	40	1695.1	7349.84	206.979
41.336	0.688932	40	1701.8	7348.81	207.287
41.503	0.691709	40	1708.5	7347.69	207.595
41.669	0.694487	40	1715.1	7346.66	207.905
41.836	0.697265	40	1721.8	7345.63	208.215
42.003	0.700043	40	1728.5	7344.6	208.526

42.169	0.702821	40	1735.1	7343.57	208.838
42.336	0.705598	40	1741.8	7342.53	209.150
42.503	0.708376	40	1748.5	7341.48	209.463
42.669	0.711154	40	1755.1	7340.43	209.777
42.836	0.713932	40	1761.8	7339.4	210.091
43.003	0.716709	40	1768.5	7338.36	210.406
43.169	0.719487	40	1775.1	7337.34	210.722
43.336	0.722265	40	1781.8	7336.31	211.038
43.503	0.725043	40	1788.5	7335.27	211.355
43.669	0.727821	40	1795.1	7334.24	211.673
43.836	0.730598	40	1801.8	7333.2	211.992
44.003	0.733376	40	1808.5	7332.16	212.311
44.169	0.736154	40	1815.1	7331.12	212.631
44.336	0.738932	40	1821.8	7330.08	212.952
44.503	0.741709	40	1828.5	7329.04	213.273
44.669	0.744487	40	1835.1	7328	213.595
44.836	0.747265	40	1841.8	7326.94	213.918
45.003	0.750043	40	1848.5	7325.89	214.242
45.169	0.752821	40	1855.1	7324.92	214.566
45.336	0.755598	40	1861.8	7323.88	214.891
45.503	0.758376	40	1868.5	7322.84	215.216
45.669	0.761154	40	1875.1	7321.79	215.543
45.836	0.763932	40	1881.8	7320.74	215.870
46.003	0.766709	40	1888.5	7319.69	216.197
46.169	0.769487	40	1895.1	7318.57	216.526
46.336	0.772265	40	1901.8	7317.51	216.855
46.503	0.775043	40	1908.5	7316.49	217.185
46.669	0.777821	40	1915.1	7315.43	217.516
46.836	0.780598	40	1921.8	7314.41	217.847
47.003	0.783376	40	1928.5	7313.34	218.179
47.169	0.786154	40	1935.1	7312.27	218.512
47.336	0.788932	40	1941.8	7311.22	218.845
47.503	0.791709	40	1948.5	7310.16	219.179
47.669	0.794487	40	1955.1	7309.11	219.514
47.836	0.797265	40	1961.8	7308.06	219.850
48.003	0.800043	40	1968.5	7307	220.186
48.169	0.802821	40	1975.1	7305.95	220.524
48.336	0.805598	40	1981.8	7304.92	220.861
48.503	0.808376	40	1988.5	7303.91	221.200
48.669	0.811154	40	1995.1	7302.89	221.539
48.836	0.813932	40	2001.8	7301.86	221.879
49.003	0.816709	40	2008.5	7300.77	222.219
49.169	0.819487	40	2015.1	7299.4	222.561

49.336	0.822265	40	2021.8	7298.12	222.904
49.503	0.825043	40	2028.5	7296.92	223.247
49.669	0.827821	40	2035.1	7295.77	223.591
49.836	0.830598	40	2041.8	7294.64	223.936
50.003	0.833376	40	2048.5	7293.51	224.282
50.169	0.836154	40	2055.1	7292.43	224.628
50.336	0.838932	40	2061.8	7291.38	224.975
50.503	0.841709	40	2068.5	7290.35	225.323
50.669	0.844487	40	2075.1	7289.33	225.672
50.836	0.847265	40	2081.8	7288.32	226.021
51.003	0.850043	40	2088.5	7287.3	226.371
51.169	0.852821	40	2095.1	7286.29	226.722
51.336	0.855598	40	2101.8	7285.27	227.073
51.503	0.858376	40	2108.5	7284.24	227.425
51.669	0.861154	40	2115.1	7283.21	227.778
51.836	0.863932	40	2121.8	7282.18	228.131
52.003	0.866709	40	2128.5	7281.15	228.485
52.169	0.869487	40	2135.1	7280.14	228.840
52.336	0.872265	40	2141.8	7279.12	229.196
52.503	0.875043	40	2148.5	7278.07	229.552
52.669	0.877821	40	2155.1	7276.99	229.909
52.836	0.880598	40	2161.8	7275.91	230.267
53.003	0.883376	40	2168.5	7274.83	230.626
53.169	0.886154	40	2175.1	7273.79	230.985
53.336	0.888932	40	2181.8	7272.72	231.345
53.503	0.891709	40	2188.5	7271.64	231.706
53.669	0.894487	40	2195.1	7270.57	232.067
53.836	0.897265	40	2201.8	7269.51	232.429
54.003	0.900043	40	2208.5	7268.46	232.792
54.169	0.902821	40	2215.1	7267.4	233.156
54.336	0.905598	40	2221.8	7266.33	233.520
54.503	0.908376	40	2228.5	7265.25	233.885
54.669	0.911154	40	2235.1	7264.17	234.251
54.836	0.913932	40	2241.8	7263.09	234.618
55.003	0.916709	40	2248.5	7262.01	234.985
55.169	0.919487	40	2255.1	7260.92	235.353
55.336	0.922265	40	2261.8	7259.82	235.722
55.503	0.925043	40	2268.5	7258.72	236.091
55.669	0.927821	40	2275.1	7257.63	236.462
55.836	0.930598	40	2281.8	7256.53	236.833
56.003	0.933376	40	2288.5	7255.43	237.205
56.169	0.936154	40	2295.1	7254.33	237.577
56.336	0.938932	40	2301.8	7253.25	237.951

56.503	0.941709	40	2308.5	7252.18	238.325
56.669	0.944487	40	2315.1	7251.12	238.699
56.836	0.947265	40	2321.8	7250	239.075
57.003	0.950043	40	2328.5	7248.9	239.451
57.169	0.952821	40	2335.1	7247.81	239.829
57.336	0.955598	40	2341.8	7246.72	240.206
57.503	0.958376	40	2348.5	7245.64	240.585
57.669	0.961154	40	2355.1	7244.56	240.964
57.836	0.963932	40	2361.8	7243.47	241.344
58.003	0.966709	40	2368.5	7242.39	241.725
58.169	0.969487	40	2375.1	7241.12	242.107
58.336	0.972265	40	2381.8	7239.89	242.490
58.503	0.975043	40	2388.5	7238.71	242.873
58.669	0.977821	40	2395.1	7237.54	243.257
58.836	0.980598	40	2401.8	7236.4	243.642
59.003	0.983376	40	2408.5	7235.28	244.028
59.169	0.986154	40	2415.1	7234.18	244.415
59.336	0.988932	40	2421.8	7233.09	244.802
59.503	0.991709	40	2428.5	7231.98	245.190
59.669	0.994487	40	2435.1	7230.91	245.579
59.836	0.997265	40	2441.8	7229.86	245.969
60.002	1.00004	40	2448.5	7228.8	246.359
60.169	1.00282	40	2455.1	7227.72	246.750
60.336	1.0056	40	2461.8	7226.64	247.142
60.503	1.00838	40	2468.5	7225.56	247.535
60.669	1.01115	40	2475.1	7224.48	247.927
60.836	1.01393	40	2481.8	7223.43	248.322
61.003	1.01671	40	2488.5	7222.36	248.717
61.169	1.01949	40	2495.1	7221.25	249.113
61.336	1.02227	40	2501.8	7220.14	249.509
61.502	1.02504	40	2508.5	7219.03	249.905
61.669	1.02782	40	2515.1	7217.92	250.303
61.836	1.0306	40	2521.8	7216.81	250.702
62.003	1.03338	40	2528.5	7215.7	251.102
62.169	1.03615	40	2535.1	7214.58	251.501
62.336	1.03893	40	2541.8	7213.48	251.902
62.503	1.04171	40	2548.5	7212.39	252.304
62.669	1.04449	40	2555.1	7211.3	252.707
62.836	1.04726	40	2561.8	7210.21	253.109
63.002	1.05004	40	2568.5	7209.12	253.514
63.169	1.05282	40	2575.1	7208.03	253.919
63.336	1.0556	40	2581.8	7206.94	254.324
63.503	1.05838	40	2588.5	7205.85	254.731

63.669	1.06115	40	2595.1	7204.75	255.137
63.836	1.06393	40	2601.8	7203.65	255.545
64.003	1.06671	40	2608.5	7202.54	255.954
64.169	1.06949	40	2615.1	7201.43	256.363
64.336	1.07227	40	2621.8	7200.32	256.774
64.502	1.07504	40	2628.5	7199.2	257.183
64.669	1.07782	40	2635.1	7198.07	257.595
64.836	1.0806	40	2641.8	7196.93	258.008
65.003	1.08338	40	2648.5	7195.8	258.422
65.169	1.08615	40	2655.1	7194.7	258.835
65.336	1.08893	40	2661.8	7193.59	259.250
65.503	1.09171	40	2668.5	7192.44	259.666
65.669	1.09449	40	2675.1	7191.21	260.082
65.836	1.09726	40	2681.8	7189.93	260.498
66.002	1.10004	40	2688.5	7188.69	260.917
66.169	1.10282	40	2695.1	7187.49	261.336
66.336	1.1056	40	2701.8	7186.31	261.756
66.503	1.10838	40	2708.5	7185.15	262.177
66.669	1.11115	40	2715.1	7184.01	262.598
66.836	1.11393	40	2721.8	7182.87	263.020
67.003	1.11671	40	2728.5	7181.74	263.444
67.169	1.11949	40	2735.1	7180.61	263.868
67.336	1.12227	40	2741.8	7179.48	264.293
67.502	1.12504	40	2748.5	7178.36	264.717
67.669	1.12782	40	2755.1	7177.23	265.143
67.836	1.1306	40	2761.8	7176.11	265.570
68.003	1.13338	40	2768.5	7174.96	265.998
68.169	1.13615	40	2775.1	7173.81	266.426
68.336	1.13893	40	2781.8	7172.66	266.855
68.503	1.14171	40	2788.5	7171.52	267.286
68.669	1.14449	40	2795.1	7170.38	267.717
68.836	1.14727	40	2801.8	7169.24	268.149
69.002	1.15004	40	2808.5	7168.1	268.580
69.169	1.15282	40	2815.1	7166.96	269.014
69.336	1.1556	40	2821.8	7165.85	269.449
69.503	1.15838	40	2828.5	7164.76	269.884
69.669	1.16115	40	2835.1	7163.66	270.318
69.836	1.16393	40	2841.8	7162.5	270.755
70.003	1.16671	40	2848.5	7161.34	271.192
70.169	1.16949	40	2855.1	7160.17	271.631
70.336	1.17227	40	2861.8	7158.99	272.070
70.502	1.17504	40	2868.5	7157.81	272.508
70.669	1.17782	40	2875.1	7156.64	272.949

70.836	1.1806	40	2881.8	7155.47	273.391
71.003	1.18338	40	2888.5	7154.3	273.833
71.169	1.18615	40	2895.1	7153.13	274.275
71.336	1.18893	40	2901.8	7151.98	274.719
71.503	1.19171	40	2908.5	7150.82	275.164
71.669	1.19449	40	2915.1	7149.66	275.610
71.836	1.19727	40	2921.8	7148.49	276.056
72.002	1.20004	40	2928.5	7147.33	276.502
72.169	1.20282	40	2935.1	7146.16	276.950
72.336	1.2056	40	2941.8	7145.02	277.399
72.503	1.20838	40	2948.5	7143.8	277.849
72.669	1.21115	40	2955.1	7142.7	278.298
72.836	1.21393	40	2961.8	7141.51	278.749
73.003	1.21671	40	2968.5	7140.35	279.202
73.169	1.21949	40	2975.1	7139.16	279.655
73.336	1.22226	40	2981.8	7137.96	280.107
73.502	1.22504	40	2988.5	7136.78	280.562
73.669	1.22782	40	2995.1	7135.59	281.017
73.836	1.2306	40	3001.8	7134.4	281.474
74.003	1.23338	40	3008.5	7133.22	281.931
74.169	1.23615	40	3015.1	7132.04	282.387
74.336	1.23893	40	3021.8	7130.86	282.846
74.503	1.24171	40	3028.5	7129.66	283.306
74.669	1.24449	40	3035.1	7128.47	283.766
74.836	1.24726	40	3041.8	7127.29	284.226
75.002	1.25004	40	3048.5	7126.11	284.688
75.169	1.25282	40	3055.1	7124.94	285.151
75.336	1.2556	40	3061.8	7123.76	285.615
75.503	1.25838	40	3068.5	7122.58	286.080
75.669	1.26115	40	3075.1	7121.41	286.543
75.836	1.26393	40	3081.8	7120.24	287.010
76.003	1.26671	40	3088.5	7119.1	287.477
76.169	1.26949	40	3095.1	7117.96	287.945
76.336	1.27227	40	3101.8	7116.75	288.413
76.502	1.27504	40	3108.5	7115.52	288.881
76.669	1.27782	40	3115.1	7114.33	289.352
76.836	1.2806	40	3121.8	7113.14	289.823
77.003	1.28338	40	3128.5	7111.95	290.295
77.169	1.28615	40	3135.1	7110.76	290.766
77.336	1.28893	40	3141.8	7109.57	291.240
77.503	1.29171	40	3148.5	7108.38	291.715
77.669	1.29449	40	3155.1	7107.18	292.190
77.836	1.29726	40	3161.8	7105.98	292.665

78.002	1.30004	40	3168.5	7104.79	293.142
78.169	1.30282	40	3175.1	7103.59	293.620
78.336	1.3056	40	3181.8	7102.37	294.099
78.503	1.30838	40	3188.5	7101.15	294.579
78.669	1.31115	40	3195.1	7099.9	295.057
78.836	1.31393	40	3201.8	7098.66	295.539
79.003	1.31671	40	3208.5	7097.42	296.021
79.169	1.31949	40	3215.1	7096.21	296.504
79.336	1.32227	40	3221.8	7095.03	296.988
79.502	1.32504	40	3228.5	7093.76	297.472
79.669	1.32782	40	3235.1	7092.43	297.957
79.836	1.3306	40	3241.8	7091.14	298.444
80.003	1.33338	40	3248.5	7089.86	298.932
80.169	1.33615	40	3255.1	7088.59	299.419
80.336	1.33893	40	3261.8	7087.35	299.908
80.503	1.34171	40	3268.5	7086.13	300.398
80.669	1.34449	40	3275.1	7084.92	300.889
80.836	1.34726	40	3281.8	7083.71	301.380
81.002	1.35004	40	3288.5	7082.5	301.872
81.169	1.35282	40	3295.1	7081.3	302.366
81.336	1.3556	40	3301.8	7080.08	302.861
81.503	1.35838	40	3308.5	7078.8	303.356
81.669	1.36115	40	3315.1	7077.54	303.850
81.836	1.36393	40	3321.8	7076.3	304.348
82.003	1.36671	40	3328.5	7075.07	304.846
82.169	1.36949	40	3335.1	7073.85	305.345
82.336	1.37227	40	3341.8	7072.66	305.844
82.502	1.37504	40	3348.5	7071.55	306.343
82.669	1.37782	40	3355.1	7070.39	306.844
82.836	1.3806	40	3361.8	7069.16	307.347
83.003	1.38338	40	3368.5	7067.93	307.850
83.169	1.38615	40	3375.1	7066.7	308.352
83.336	1.38893	40	3381.8	7065.47	308.857
83.503	1.39171	40	3388.5	7064.25	309.362
83.669	1.39449	40	3395.1	7063.02	309.869
83.836	1.39727	40	3401.8	7061.8	310.376
84.002	1.40004	40	3408.5	7060.58	310.883
84.169	1.40282	40	3415.1	7059.36	311.392
84.336	1.4056	40	3421.8	7058.13	311.902
84.503	1.40838	40	3428.5	7056.91	312.413
84.669	1.41115	40	3435.1	7055.68	312.923
84.836	1.41393	40	3441.8	7054.45	313.435
85.003	1.41671	40	3448.5	7053.23	313.949

85.169	1.41949	40	3455.1	7052	314.463
85.336	1.42226	40	3461.8	7050.77	314.976
85.502	1.42504	40	3468.5	7049.53	315.492
85.669	1.42782	40	3475.1	7048.34	316.009
85.836	1.4306	40	3481.8	7047.12	316.527
86.003	1.43338	40	3488.5	7045.86	317.046
86.169	1.43615	40	3495.1	7044.59	317.563
86.336	1.43893	40	3501.8	7043.33	318.084
86.503	1.44171	40	3508.5	7042.07	318.605
86.669	1.44449	40	3515.1	7040.81	319.128
86.836	1.44726	40	3521.8	7039.55	319.649
87.002	1.45004	40	3528.5	7038.29	320.173
87.169	1.45282	40	3535.1	7037.04	320.698
87.336	1.4556	40	3541.8	7035.78	321.224
87.503	1.45838	40	3548.5	7034.53	321.750
87.669	1.46115	40	3555.1	7033.28	322.276
87.836	1.46393	40	3561.8	7032.03	322.804
88.003	1.46671	40	3568.5	7030.77	323.334
88.169	1.46949	40	3575.1	7029.51	323.864
88.336	1.47226	40	3581.8	7028.24	324.393
88.502	1.47504	40	3588.5	7026.99	324.925
88.669	1.47782	40	3595.1	7025.73	325.458
88.836	1.4806	40	3601.8	7024.52	325.992
89.003	1.48338	40	3608.5	7023.32	326.526
89.169	1.48615	40	3615.1	7022.04	327.060
89.336	1.48893	40	3621.8	7020.77	327.596
89.503	1.49171	40	3628.5	7019.5	328.134
89.669	1.49449	40	3635.1	7018.23	328.672
89.836	1.49726	40	3641.8	7016.96	329.209
90.002	1.50004	40	3648.5	7015.69	329.749
90.169	1.50282	40	3655.1	7014.39	330.290
90.336	1.5056	40	3661.8	7013.12	330.832
90.503	1.50838	40	3668.5	7011.83	331.375
90.669	1.51115	40	3675.1	7010.54	331.916
90.836	1.51393	40	3681.8	7009.24	332.461
91.003	1.51671	40	3688.5	7007.98	333.006
91.169	1.51949	40	3695.1	7006.7	333.553
91.336	1.52227	40	3701.8	7005.42	334.100
91.502	1.52504	40	3708.5	7004.14	334.646
91.669	1.52782	40	3715.1	7002.86	335.195
91.836	1.5306	40	3721.8	7001.59	335.745
92.003	1.53338	40	3728.5	7000.35	336.296
92.169	1.53615	40	3735.1	6999.12	336.846

92.336	1.53893	40	3741.8	6997.81	337.399
92.503	1.54171	40	3748.5	6996.51	337.953
92.669	1.54449	40	3755.1	6995.21	338.507
92.836	1.54726	40	3761.8	6993.92	339.061
93.002	1.55004	40	3768.5	6992.62	339.617
93.169	1.55282	40	3775.1	6991.33	340.174
93.336	1.5556	40	3781.8	6990.04	340.732
93.503	1.55838	40	3788.5	6988.75	341.292
93.669	1.56115	40	3795.1	6987.46	341.850
93.836	1.56393	40	3801.8	6986.17	342.411
94.003	1.56671	40	3808.5	6984.88	342.973
94.169	1.56949	40	3815.1	6983.61	343.535
94.336	1.57227	40	3821.8	6982.33	344.099
94.502	1.57504	40	3828.5	6981.06	344.662
94.669	1.57782	40	3835.1	6979.79	345.227
94.836	1.5806	40	3841.8	6978.51	345.794
95.003	1.58338	40	3848.5	6977.27	346.361
95.169	1.58615	40	3855.1	6976.03	346.927
95.336	1.58893	40	3861.8	6974.75	347.496
95.503	1.59171	40	3868.5	6973.45	348.066
95.669	1.59449	40	3875.1	6972.14	348.637
95.836	1.59726	40	3881.8	6970.87	349.207
96.002	1.60004	40	3888.5	6969.6	349.780
96.169	1.60282	40	3895.1	6968.32	350.353
96.336	1.6056	40	3901.8	6967.02	350.928
96.503	1.60838	40	3908.5	6965.72	351.504
96.669	1.61115	40	3915.1	6964.42	352.078
96.836	1.61393	40	3921.8	6963.11	352.655
97.003	1.61671	40	3928.5	6961.8	353.234
97.169	1.61949	40	3935.1	6960.48	353.813
97.336	1.62227	40	3941.8	6959.16	354.393
97.502	1.62504	40	3948.5	6957.86	354.972
97.669	1.62782	40	3955.1	6956.53	355.554
97.836	1.6306	40	3961.8	6955.21	356.138
98.003	1.63338	40	3968.5	6953.94	356.721
98.169	1.63615	40	3975.1	6952.66	357.304
98.336	1.63893	40	3981.8	6951.34	357.890
98.503	1.64171	40	3988.5	6950.02	358.477
98.669	1.64449	40	3995.1	6948.7	359.065
98.836	1.64727	40	4001.8	6947.38	359.653
99.002	1.65004	40	4008.5	6946.06	360.241
99.169	1.65282	40	4015.1	6944.74	360.831
99.336	1.6556	40	4021.8	6943.41	361.423

99.503	1.65838	40	4028.5	6942.07	362.015
99.669	1.66115	40	4035.1	6940.31	362.607
99.836	1.66393	40	4041.8	6938.62	363.202
100.003	1.66671	40	4048.5	6937.02	363.798
100.169	1.66949	40	4055.1	6935.51	364.395
100.335	1.67227	40	4061.8	6934.07	364.993
100.502	1.67504	40	4068.5	6932.68	365.590
100.669	1.67782	40	4075.1	6931.34	366.190
100.836	1.6806	40	4081.8	6930.03	366.791
101.003	1.68338	40	4088.5	6928.77	367.393
101.169	1.68615	40	4095.1	6927.54	367.994
101.336	1.68893	40	4101.8	6926.24	368.598
101.503	1.69171	40	4108.5	6924.95	369.202
101.669	1.69449	40	4115.1	6923.67	369.808
101.836	1.69727	40	4121.8	6922.39	370.414
102.002	1.70004	40	4128.5	6921.12	371.020
102.169	1.70282	40	4135.1	6919.85	371.628
102.335	1.7056	40	4141.8	6918.6	372.237
102.503	1.70838	40	4148.5	6917.32	372.847
102.669	1.71115	40	4155.1	6916.04	373.456
102.836	1.71393	40	4161.8	6914.82	374.068
103.003	1.71671	40	4168.5	6913.66	374.681
103.169	1.71949	40	4175.1	6912.42	375.295
103.336	1.72226	40	4181.8	6911.23	375.907
103.502	1.72504	40	4188.5	6910.01	376.522
103.669	1.72782	40	4195.1	6908.76	377.139
103.836	1.7306	40	4201.8	6907.53	377.756
104.003	1.73338	40	4208.5	6906.34	378.374
104.169	1.73615	40	4215.1	6905.16	378.990
104.335	1.73893	40	4221.8	6903.88	379.610
104.503	1.74171	40	4228.5	6902.61	380.231
104.669	1.74449	40	4235.1	6901.31	380.853
104.836	1.74726	40	4241.8	6900	381.473
105.002	1.75004	40	4248.5	6898.69	382.096
105.169	1.75282	40	4255.1	6897.38	382.721
105.336	1.7556	40	4261.8	6896.11	383.346
105.503	1.75838	40	4268.5	6894.86	383.973
105.669	1.76115	40	4275.1	6893.58	384.597
105.836	1.76393	40	4281.8	6892.29	385.226
106.003	1.76671	40	4288.5	6890.98	385.855
106.169	1.76949	40	4295.1	6889.66	386.485
106.336	1.77227	40	4301.8	6888.33	387.116
106.502	1.77504	40	4308.5	6886.99	387.745

106.669	1.77782	40	4315.1	6885.65	388.378
106.835	1.7806	40	4321.8	6884.35	389.012
107.003	1.78338	40	4328.5	6883.05	389.647
107.169	1.78615	40	4335.1	6881.76	390.280
107.335	1.78893	40	4341.8	6880.43	390.917
107.503	1.79171	40	4348.5	6879.09	391.555
107.669	1.79449	40	4355.1	6877.74	392.193
107.835	1.79726	40	4361.8	6876.38	392.830
108.002	1.80004	40	4368.5	6875.02	393.471
108.169	1.80282	40	4375.1	6873.66	394.113
108.335	1.8056	40	4381.8	6872.3	394.755
108.503	1.80838	40	4388.5	6870.94	395.399
108.669	1.81115	40	4395.1	6869.56	396.041
108.835	1.81393	40	4401.8	6868.2	396.686
109.003	1.81671	40	4408.5	6866.83	397.333
109.169	1.81949	40	4415.1	6865.45	397.980
109.335	1.82227	40	4421.8	6864.16	398.629
109.502	1.82504	40	4428.5	6862.85	399.276
109.669	1.82782	40	4435.1	6861.57	399.926
109.835	1.8306	40	4441.8	6860.33	400.577
110.003	1.83338	40	4448.5	6858.96	401.229
110.169	1.83615	40	4455.1	6857.6	401.880
110.335	1.83893	40	4461.8	6856.24	402.534
110.503	1.84171	40	4468.5	6854.55	403.189
110.669	1.84449	40	4475.1	6852.42	403.846
110.835	1.84726	40	4481.8	6850.42	404.502
111.002	1.85004	40	4488.5	6848.62	405.162
111.169	1.85282	40	4495.1	6846.98	405.823
111.335	1.8556	40	4501.8	6845.44	406.485
111.503	1.85838	40	4508.5	6843.96	407.148
111.669	1.86115	40	4515.1	6842.56	407.809
111.835	1.86393	40	4521.8	6841.2	408.474
112.003	1.86671	40	4528.5	6839.88	409.140
112.169	1.86949	40	4535.1	6838.59	409.807
112.335	1.87227	40	4541.8	6837.33	410.475
112.502	1.87504	40	4548.5	6836.11	411.141
112.669	1.87782	40	4555.1	6834.92	411.810
112.835	1.8806	40	4561.8	6833.63	412.481
113.003	1.88338	40	4568.5	6832.35	413.152
113.169	1.88615	40	4575.1	6831.09	413.822
113.335	1.88893	40	4581.8	6829.81	414.495
113.503	1.89171	40	4588.5	6828.48	415.169
113.669	1.89449	40	4595.1	6827.18	415.845

113.835	1.89727	40	4601.8	6825.89	416.521
114.002	1.90004	40	4608.5	6824.6	417.195
114.169	1.90282	40	4615.1	6823.31	417.873
114.335	1.9056	40	4621.8	6822.02	418.552
114.503	1.90838	40	4628.5	6820.73	419.232
114.669	1.91115	40	4635.1	6819.44	419.910
114.835	1.91393	40	4641.8	6818.15	420.592
115.003	1.91671	40	4648.5	6816.85	421.274
115.169	1.91949	40	4655.1	6815.59	421.958
115.335	1.92226	40	4661.8	6814.33	422.640
115.502	1.92504	40	4668.5	6813	423.325
115.669	1.92782	40	4675.1	6811.65	424.011
115.835	1.9306	40	4681.8	6810.32	424.699
116.003	1.93338	40	4688.5	6808.97	425.387
116.169	1.93615	40	4695.1	6807.64	426.074
116.335	1.93893	40	4701.8	6806.31	426.764
116.503	1.94171	40	4708.5	6804.97	427.455
116.669	1.94449	40	4715.1	6803.64	428.148
116.835	1.94726	40	4721.8	6802.28	428.838
117.002	1.95004	40	4728.5	6800.93	429.532
117.169	1.95282	40	4735.1	6799.57	430.228
117.335	1.9556	40	4741.8	6798.2	430.924
117.503	1.95838	40	4748.5	6796.84	431.621
117.669	1.96115	40	4755.1	6795.53	432.316
117.835	1.96393	40	4761.8	6794.27	433.015
118.003	1.96671	40	4768.5	6792.89	433.715
118.169	1.96949	40	4775.1	6791.54	434.416
118.335	1.97226	40	4781.8	6790.17	435.116
118.502	1.97504	40	4788.5	6788.8	435.819
118.669	1.97782	40	4795.1	6787.42	436.523
118.835	1.9806	40	4801.8	6786.05	437.228
119.003	1.98338	40	4808.5	6784.51	437.934
119.169	1.98615	40	4815.1	6782.04	438.640
119.335	1.98893	40	4821.8	6779.84	439.349
119.503	1.99171	40	4828.5	6777.9	440.060
119.669	1.99449	40	4835.1	6776.17	440.772
119.835	1.99726	40	4841.8	6774.58	441.483
120.002	2.00004	40	4848.5	6773.12	442.198
120.169	2.00282	40	4855.1	6771.78	442.913
120.335	2.0056	40	4861.8	6770.57	443.629
120.503	2.00838	40	4868.5	6769.25	444.346
120.669	2.01115	40	4875.1	6767.96	445.062
120.835	2.01393	40	4881.8	6766.7	445.781

121.003	2.01671	40	4888.5	6765.45	446.501
121.169	2.01949	40	4895.1	6764.2	447.222
121.335	2.02226	40	4901.8	6762.96	447.941
121.502	2.02504	40	4908.5	6761.73	448.664
121.669	2.02782	40	4915.1	6760.47	449.387
121.835	2.0306	40	4921.8	6759.21	450.112
122.003	2.03338	40	4928.5	6757.95	450.837
122.169	2.03615	40	4935.1	6756.7	451.561
122.335	2.03893	40	4941.8	6755.45	452.288
122.503	2.04171	40	4948.5	6754.21	453.017
122.669	2.04449	40	4955.1	6753	453.746
122.835	2.04726	40	4961.8	6751.78	454.473
123.002	2.05004	40	4968.5	6750.47	455.204
123.169	2.05282	40	4975.1	6749.16	455.936
123.335	2.0556	40	4981.8	6747.85	456.669
123.503	2.05838	40	4988.5	6746.52	457.402
123.669	2.06115	40	4995.1	6745.2	458.135
123.835	2.06393	40	5001.8	6743.86	458.870
124.003	2.06671	40	5008.5	6742.53	459.607
124.169	2.06949	40	5015.1	6741.17	460.345
124.335	2.07226	40	5021.8	6739.79	461.081
124.502	2.07504	40	5028.5	6738.42	461.821
124.669	2.07782	40	5035.1	6737.04	462.561
124.835	2.0806	40	5041.8	6735.67	463.303
125.003	2.08338	40	5048.5	6734.33	464.046
125.169	2.08615	40	5055.1	6733.05	464.787
125.335	2.08893	40	5061.8	6731.63	465.531
125.503	2.09171	40	5068.5	6730.22	466.277
125.669	2.09449	40	5075.1	6728.8	467.024
125.835	2.09726	40	5081.8	6727.37	467.769
126.002	2.10004	40	5088.5	6725.94	468.518
126.169	2.10282	40	5095.1	6724.53	469.268
126.335	2.1056	40	5101.8	6722	470.020
126.503	2.10838	40	5108.5	6719.48	470.774
126.669	2.11115	40	5115.1	6717.3	471.526
126.835	2.11393	40	5121.8	6715.38	472.283
127.003	2.11671	40	5128.5	6713.66	473.041
127.169	2.11949	40	5135.1	6712.07	473.800
127.335	2.12226	40	5141.8	6710.64	474.557
127.502	2.12504	40	5148.5	6709.31	475.318
127.669	2.12782	40	5155.1	6708	476.080
127.835	2.1306	40	5161.8	6706.67	476.843
128.003	2.13338	40	5168.5	6705.36	477.607

128.169	2.13615	40	5175.1	6704.07	478.370
128.335	2.13893	40	5181.8	6702.8	479.136
128.503	2.14171	40	5188.5	6701.55	479.902
128.669	2.14449	40	5195.1	6700.29	480.670
128.835	2.14727	40	5201.8	6699.02	481.439
129.002	2.15004	40	5208.5	6697.75	482.205
129.169	2.15282	40	5215.1	6696.47	482.976
129.335	2.1556	40	5221.8	6695.18	483.747
129.503	2.15838	40	5228.5	6693.87	484.520
129.669	2.16115	40	5235.1	6692.6	485.290
129.835	2.16393	40	5241.8	6691.32	486.065
130.003	2.16671	40	5248.5	6689.99	486.840
130.169	2.16949	40	5255.1	6688.63	487.616
130.335	2.17226	40	5261.8	6687.24	488.391
130.502	2.17504	40	5268.5	6685.84	489.169
130.669	2.17782	40	5275.1	6684.46	489.948
130.835	2.1806	40	5281.8	6683.07	490.729
131.003	2.18338	40	5288.5	6681.67	491.510
131.169	2.18615	40	5295.1	6680.25	492.290
131.335	2.18893	40	5301.8	6678.81	493.074
131.503	2.19171	40	5308.5	6677.37	493.858
131.669	2.19449	40	5315.1	6675.87	494.644
131.835	2.19726	40	5321.8	6674.34	495.428
132.002	2.20004	40	5328.5	6672.82	496.216
132.169	2.20282	40	5335.1	6671.35	497.005
132.335	2.2056	40	5341.8	6669.88	497.795
132.503	2.20838	40	5348.5	6668.4	498.586
132.669	2.21115	40	5355.1	6666	499.376
132.835	2.21393	40	5361.8	6663.34	500.172
133.003	2.21671	40	5368.5	6661.01	500.968
133.169	2.21949	40	5375.1	6658.97	501.767
133.335	2.22226	40	5381.8	6657.16	502.563
133.502	2.22504	40	5388.5	6655.51	503.364
133.669	2.22782	40	5395.1	6653.98	504.166
133.835	2.2306	40	5401.8	6652.53	504.969
134.003	2.23338	40	5408.5	6651.15	505.773
134.169	2.23615	40	5415.1	6649.78	506.575
134.335	2.23893	40	5421.8	6648.44	507.381
134.503	2.24171	40	5428.5	6647.13	508.188
134.669	2.24449	40	5435.1	6645.8	508.996
134.835	2.24727	40	5441.8	6644.48	509.804
135.002	2.25004	40	5448.5	6643.18	510.611
135.169	2.25282	40	5455.1	6641.89	511.422

135.335	2.2556	40	5461.8	6640.59	512.234
135.503	2.25838	40	5468.5	6639.18	513.047
135.669	2.26115	40	5475.1	6637.76	513.858
135.835	2.26393	40	5481.8	6636.32	514.673
136.003	2.26671	40	5488.5	6634.87	515.489
136.169	2.26949	40	5495.1	6633.43	516.306
136.335	2.27226	40	5501.8	6631.99	517.121
136.502	2.27504	40	5508.5	6630.55	517.940
136.669	2.27782	40	5515.1	6629.11	518.760
136.835	2.2806	40	5521.8	6627.64	519.582
137.003	2.28338	40	5528.5	6626.16	520.404
137.169	2.28615	40	5535.1	6624.67	521.225
137.335	2.28893	40	5541.8	6623.17	522.050
137.503	2.29171	40	5548.5	6621.66	522.875
137.669	2.29449	40	5555.1	6620.13	523.702
137.835	2.29726	40	5561.8	6618.63	524.527
138.002	2.30004	40	5568.5	6617.13	525.357
138.169	2.30282	40	5575.1	6615.61	526.187
138.335	2.3056	40	5581.8	6613.59	527.019
138.503	2.30838	40	5588.5	6610.94	527.853
138.669	2.31115	40	5595.1	6608.53	528.685
138.835	2.31393	40	5601.8	6606.42	529.523
139.003	2.31671	40	5608.5	6604.52	530.361
139.169	2.31949	40	5615.1	6602.78	531.201
139.335	2.32226	40	5621.8	6601.06	532.039
139.502	2.32504	40	5628.5	6599.4	532.882
139.669	2.32782	40	5635.1	6597.82	533.725
139.835	2.3306	40	5641.8	6596.26	534.570
140.003	2.33338	40	5648.5	6594.78	535.416
140.169	2.33615	40	5655.1	6593.32	536.259
140.335	2.33893	40	5661.8	6591.87	537.107
140.503	2.34171	40	5668.5	6590.43	537.956
140.669	2.34449	40	5675.1	6589	538.806
140.835	2.34726	40	5681.8	6587.57	539.655
141.002	2.35004	40	5688.5	6586.11	540.507
141.169	2.35282	40	5695.1	6584.68	541.360
141.335	2.3556	40	5701.8	6583.11	542.214
141.503	2.35838	40	5708.5	6580.85	543.071
141.669	2.36115	40	5715.1	6578.57	543.926
141.835	2.36393	40	5721.8	6576.53	544.785
142.003	2.36671	40	5728.5	6574.7	545.646
142.169	2.36949	40	5735.1	6573.03	546.508
142.335	2.37226	40	5741.8	6571.48	547.368

142.502	2.37504	40	5748.5	6569.98	548.232
142.669	2.37782	40	5755.1	6568.54	549.098
142.835	2.3806	40	5761.8	6567.1	549.964
143.003	2.38338	40	5768.5	6565.73	550.831
143.169	2.38615	40	5775.1	6564.35	551.697
143.335	2.38893	40	5781.8	6562.93	552.566
143.503	2.39171	40	5788.5	6561.43	553.437
143.669	2.39449	40	5795.1	6559.92	554.309
143.835	2.39726	40	5801.8	6558.41	555.179
144.002	2.40004	40	5808.5	6556.96	556.053
144.169	2.40282	40	5815.1	6555.45	556.928
144.335	2.4056	40	5821.8	6553.96	557.804
144.503	2.40838	40	5828.5	6552.49	558.682
144.669	2.41115	40	5835.1	6549.78	559.558
144.835	2.41393	40	5841.8	6547.33	560.440
145.003	2.41671	40	5848.5	6545.15	561.322
145.169	2.41949	40	5855.1	6543.19	562.207
145.335	2.42226	40	5861.8	6541.41	563.089
145.502	2.42504	40	5868.5	6539.72	563.976
145.669	2.42782	40	5875.1	6538.09	564.865
145.835	2.4306	40	5881.8	6536.49	565.754
146.003	2.43338	40	5888.5	6534.86	566.644
146.169	2.43615	40	5895.1	6533.22	567.533
146.335	2.43893	40	5901.8	6531.58	568.426
146.503	2.44171	40	5908.5	6529.92	569.320
146.669	2.44449	40	5915.1	6528.27	570.216
146.835	2.44726	40	5921.8	6526.65	571.110
147.002	2.45004	40	5928.5	6525.13	572.007
147.169	2.45282	40	5935.1	6523.52	572.907
147.335	2.4556	40	5941.8	6521.85	573.807
147.503	2.45838	40	5948.5	6520.3	574.708
147.669	2.46115	40	5955.1	6518.71	575.608
147.835	2.46393	40	5961.8	6516.29	576.513
148.003	2.46671	40	5968.5	6513.64	577.419
148.169	2.46949	40	5975.1	6511.31	578.328
148.335	2.47226	40	5981.8	6509.18	579.234
148.502	2.47504	40	5988.5	6507.17	580.146
148.669	2.47782	40	5995.1	6505.28	581.059
148.835	2.4806	40	6001.8	6503.51	581.973
149.003	2.48338	40	6008.5	6501.79	582.888
149.169	2.48615	40	6015.1	6500.09	583.802
149.335	2.48893	40	6021.8	6498.4	584.720
149.503	2.49171	40	6028.5	6496.72	585.639

149.669	2.49449	40	6035.1	6495.03	586.560
149.835	2.49726	40	6041.8	6493.32	587.478
150.002	2.50004	40	6048.5	6491.65	588.401
150.169	2.50282	40	6055.1	6489.95	589.326
150.336	2.5056	40	6061.8	6488.21	590.251
150.503	2.50838	40	6068.5	6486.57	591.178
150.669	2.51115	40	6075.1	6484.91	592.103
150.836	2.51393	40	6081.8	6483.17	593.033
151.003	2.51671	40	6088.5	6480.57	593.964
151.169	2.51949	40	6095.1	6477.77	594.898
151.336	2.52226	40	6101.8	6475.43	595.830
151.502	2.52504	40	6108.5	6473.24	596.767
151.669	2.52782	40	6115.1	6471.23	597.706
151.836	2.5306	40	6121.8	6469.33	598.646
152.003	2.53338	40	6128.5	6467.5	599.587
152.169	2.53615	40	6135.1	6465.76	600.526
152.336	2.53893	40	6141.8	6464.03	601.470
152.503	2.54171	40	6148.5	6462.34	602.416
152.669	2.54449	40	6155.1	6460.67	603.362
152.836	2.54726	40	6161.8	6458.96	604.306
153.002	2.55004	40	6168.5	6457.23	605.256
153.169	2.55282	40	6175.1	6455.49	606.206
153.336	2.5556	40	6181.8	6453.64	607.158
153.503	2.55838	40	6188.5	6451.7	608.111
153.669	2.56115	40	6195.1	6449.89	609.062
153.836	2.56393	40	6201.8	6448.05	610.019
154.003	2.56671	40	6208.5	6445.76	610.976
154.169	2.56949	40	6215.1	6442.93	611.937
154.336	2.57226	40	6221.8	6440.36	612.895
154.502	2.57504	40	6228.5	6438.04	613.859
154.669	2.57782	40	6235.1	6435.92	614.824
154.836	2.5806	40	6241.8	6433.96	615.791
155.003	2.58338	40	6248.5	6432.07	616.759
155.169	2.58615	40	6255.1	6430.22	617.725
155.336	2.58893	40	6261.8	6428.38	618.696
155.503	2.59171	40	6268.5	6426.49	619.669
155.669	2.59449	40	6275.1	6424.59	620.643
155.836	2.59726	40	6281.8	6422.69	621.615
156.002	2.60004	40	6288.5	6420.74	622.591
156.169	2.60282	40	6295.1	6418.8	623.570
156.336	2.6056	40	6301.8	6416.93	624.550
156.503	2.60838	40	6308.5	6415.09	625.531
156.669	2.61115	40	6315.1	6413.19	626.510

156.836	2.61393	40	6321.8	6411.17	627.494
157.003	2.61671	40	6328.5	6409.21	628.480
157.169	2.61949	40	6335.1	6407.27	629.467
157.336	2.62226	40	6341.8	6404.28	630.453
157.502	2.62504	40	6348.5	6401.57	631.444
157.669	2.62782	40	6355.1	6399.07	632.438
157.836	2.6306	40	6361.8	6396.76	633.433
158.003	2.63338	40	6368.5	6394.58	634.430
158.169	2.63615	40	6375.1	6392.38	635.424
158.336	2.63893	40	6381.8	6390.26	636.425
158.503	2.64171	40	6388.5	6388.24	637.426
158.669	2.64449	40	6395.1	6386.22	638.429
158.836	2.64727	40	6401.8	6384.2	639.434
159.002	2.65004	40	6408.5	6382.21	640.437
159.169	2.65282	40	6415.1	6380.24	641.445
159.336	2.6556	40	6421.8	6378.24	642.454
159.503	2.65838	40	6428.5	6376.23	643.465
159.669	2.66115	40	6435.1	6374.22	644.474
159.836	2.66393	40	6441.8	6372.13	645.488
160.003	2.66671	40	6448.5	6369.94	646.503
160.169	2.66949	40	6455.1	6367.7	647.521
160.336	2.67226	40	6461.8	6364.84	648.537
160.502	2.67504	40	6468.5	6361.6	649.559
160.669	2.67782	40	6475.1	6358.7	650.584
160.836	2.6806	40	6481.8	6356.06	651.610
161.003	2.68338	40	6488.5	6353.56	652.638
161.169	2.68615	40	6495.1	6351.18	653.665
161.336	2.68893	40	6501.8	6348.88	654.697
161.503	2.69171	40	6508.5	6346.65	655.730
161.669	2.69449	40	6515.1	6344.45	656.765
161.836	2.69726	40	6521.8	6342.24	657.799
162.002	2.70004	40	6528.5	6340.06	658.837
162.169	2.70282	40	6535.1	6337.83	659.878
162.336	2.7056	40	6541.8	6335.52	660.920
162.503	2.70838	40	6548.5	6333.17	661.964
162.669	2.71115	40	6555.1	6330.81	663.006
162.836	2.71393	40	6561.8	6328.42	664.053
163.003	2.71671	40	6568.5	6326.02	665.103
163.169	2.71949	40	6575.1	6323.58	666.154
163.336	2.72226	40	6581.8	6320.18	667.205
163.502	2.72504	40	6588.5	6316.97	668.261
163.669	2.72782	40	6595.1	6314.11	669.320
163.836	2.7306	40	6601.8	6311.6	670.381

164.003	2.73338	40	6608.5	6309.19	671.443
164.169	2.73615	40	6615.1	6306.9	672.503
164.335	2.73893	40	6621.8	6304.58	673.569
164.503	2.74171	40	6628.5	6302.4	674.637
164.669	2.74449	40	6635.1	6300.33	675.706
164.835	2.74727	40	6641.8	6298.23	676.777
165.002	2.75004	40	6648.5	6295.94	677.846
165.169	2.75282	40	6655.1	6293.67	678.920
165.335	2.7556	40	6661.8	6291.56	679.997
165.503	2.75838	40	6668.5	6289.35	681.074
165.669	2.76115	40	6675.1	6287.07	682.150
165.835	2.76393	40	6681.8	6284.57	683.232
166.003	2.76671	40	6688.5	6282.24	684.315
166.169	2.76949	40	6695.1	6279.04	685.401
166.335	2.77226	40	6701.8	6275.88	686.485
166.502	2.77504	40	6708.5	6272.91	687.576
166.669	2.77782	40	6715.1	6270.15	688.669
166.835	2.7806	40	6721.8	6267.68	689.763
167.003	2.78338	40	6728.5	6265.22	690.860
167.169	2.78615	40	6735.1	6262.7	691.954
167.335	2.78893	40	6741.8	6260.24	693.055
167.503	2.79171	40	6748.5	6257.96	694.157
167.669	2.79449	40	6755.1	6255.6	695.261
167.835	2.79726	40	6761.8	6253.13	696.363
168.002	2.80004	40	6768.5	6250.54	697.471
168.169	2.80282	40	6775.1	6248.2	698.580
168.335	2.8056	40	6781.8	6245.8	699.692
168.502	2.80837	40	6788.4	6243.31	700.802
168.669	2.81115	40	6795.1	6240.66	701.917
168.835	2.81393	40	6801.8	6237.72	703.035
169.003	2.81671	40	6808.5	6234.44	704.156
169.169	2.81949	40	6815.1	6231.36	705.279
169.335	2.82226	40	6821.8	6228.34	706.400
169.502	2.82504	40	6828.5	6225.53	707.528
169.669	2.82782	40	6835.1	6222.98	708.657
169.835	2.8306	40	6841.8	6220.47	709.789
170.002	2.83337	40	6848.4	6217.86	710.918
170.169	2.83615	40	6855.1	6215.26	712.053
170.335	2.83893	40	6861.8	6212.77	713.191
170.503	2.84171	40	6868.5	6210.27	714.330
170.669	2.84449	40	6875.1	6207.74	715.472
170.835	2.84726	40	6881.8	6205.16	716.611
171.002	2.85004	40	6888.5	6202.73	717.756

171.169	2.85282	40	6895.1	6200.24	718.903
171.335	2.8556	40	6901.8	6197.55	720.053
171.502	2.85837	40	6908.4	6194.09	721.201
171.669	2.86115	40	6915.1	6190.58	722.356
171.835	2.86393	40	6921.8	6187.67	723.513
172.003	2.86671	40	6928.5	6184.94	724.672
172.169	2.86949	40	6935.1	6182.13	725.834
172.335	2.87226	40	6941.8	6179.07	726.993
172.502	2.87504	40	6948.5	6176.36	728.159
172.669	2.87782	40	6955.1	6174	729.327
172.835	2.8806	40	6961.8	6171.56	730.497
173.003	2.88338	40	6968.5	6168.99	731.669
173.169	2.88615	40	6975.1	6166.06	732.839
173.335	2.88893	40	6981.8	6163.44	734.015
173.503	2.89171	40	6988.5	6161.06	735.193
173.669	2.89449	40	6995.1	6158.58	736.373
173.835	2.89726	40	7001.8	6156.02	737.551
174.002	2.90004	40	7008.5	6152.71	738.735
174.169	2.90282	40	7015.1	6149.16	739.923
174.335	2.9056	40	7021.8	6146.13	741.113
174.502	2.90837	40	7028.4	6143.32	742.301
174.669	2.91115	40	7035.1	6140.47	743.495
174.835	2.91393	40	7041.8	6137.35	744.692
175.003	2.91671	40	7048.5	6134.43	745.891
175.169	2.91949	40	7055.1	6131.81	747.092
175.335	2.92226	40	7061.8	6129.15	748.291
175.502	2.92504	40	7068.5	6126.36	749.496
175.669	2.92782	40	7075.1	6123.36	750.704
175.835	2.9306	40	7081.8	6120.49	751.915
176.002	2.93337	40	7088.4	6117.57	753.123
176.169	2.93615	40	7095.1	6114.62	754.337
176.335	2.93893	40	7101.8	6111.69	755.555
176.503	2.94171	40	7108.5	6108.29	756.774
176.669	2.94449	40	7115.1	6104.56	757.997
176.835	2.94726	40	7121.8	6101.11	759.218
177.002	2.95004	40	7128.5	6097.8	760.447
177.169	2.95282	40	7135.1	6094.87	761.677
177.335	2.9556	40	7141.8	6091.85	762.910
177.502	2.95837	40	7148.4	6088.92	764.141
177.669	2.96115	40	7155.1	6086.09	765.378
177.835	2.96393	40	7161.8	6083.29	766.618
178.003	2.96671	40	7168.5	6080.45	767.860
178.169	2.96949	40	7175.1	6077.59	769.104

178.336	2.97226	40	7181.8	6074.81	770.346
178.502	2.97504	40	7188.5	6071.98	771.595
178.669	2.97782	40	7195.1	6069.13	772.846
178.836	2.9806	40	7201.8	6066.07	774.100
179.003	2.98338	40	7208.5	6062.44	775.356
179.169	2.98615	40	7215.1	6059.03	776.611
179.336	2.98893	40	7221.8	6055.88	777.872
179.503	2.99171	40	7228.5	6052.96	779.136
179.669	2.99449	40	7235.1	6050.16	780.402
179.836	2.99726	40	7241.8	6047.39	781.666
180.002	3.00004	40	7248.5	6044.63	782.937
180.169	3.00282	40	7255.1	6042.04	784.209
180.336	3.0056	40	7261.8	6039.43	785.484
180.503	3.00838	40	7268.5	6036.78	786.761
180.669	3.01115	40	7275.1	6034.07	788.035
180.836	3.01393	40	7281.8	6031.51	789.316
181.003	3.01671	40	7288.5	6028.89	790.599
181.169	3.01949	40	7295.1	6025.84	791.885
181.336	3.02226	40	7301.8	6022.44	793.169
181.502	3.02504	40	7308.5	6019.38	794.460
181.669	3.02782	40	7315.1	6016.48	795.753
181.836	3.0306	40	7321.8	6013.69	797.048
182.002	3.03337	40	7328.4	6011.03	798.341
182.169	3.03615	40	7335.1	6008.49	799.641
182.336	3.03893	40	7341.8	6005.95	800.942
182.503	3.04171	40	7348.5	6003.4	802.246
182.669	3.04449	40	7355.1	6000.95	803.552
182.836	3.04726	40	7361.8	5997.29	804.856
183.002	3.05004	40	7368.5	5989.4	806.172
183.169	3.05282	40	7375.1	5981.01	807.494
183.336	3.0556	40	7381.8	5972.37	808.824
183.502	3.05837	40	7388.4	5963.19	810.156
183.669	3.06115	40	7395.1	5954.53	811.500
183.836	3.06393	40	7401.8	5945.93	812.851
184.003	3.06671	40	7408.5	5937.21	814.209
184.169	3.06949	40	7415.1	5928.52	815.574
184.336	3.07226	40	7421.8	5919.84	816.941
184.502	3.07504	40	7428.5	5911.01	818.321
184.669	3.07782	40	7435.1	5902.15	819.707
184.836	3.0806	40	7441.8	5893.25	821.101
185.003	3.08338	40	7448.5	5884.3	822.503
185.169	3.08615	40	7455.1	5875.19	823.906
185.336	3.08893	40	7461.8	5866.15	825.323

185.503	3.09171	40	7468.5	5856.73	826.747
185.669	3.09449	40	7475.1	5847.22	828.179
185.835	3.09726	40	7481.8	5838.08	829.613
186.002	3.10004	40	7488.5	5828.98	831.060
186.169	3.10282	40	7495.1	5819.8	832.514
186.335	3.1056	40	7501.8	5810.51	833.976
186.503	3.10838	40	7508.5	5801.31	835.446
186.669	3.11115	40	7515.1	5792.07	836.918
186.835	3.11393	40	7521.8	5782.65	838.404
187.003	3.11671	40	7528.5	5773.33	839.897
187.169	3.11949	40	7535.1	5764.01	841.398
187.336	3.12226	40	7541.8	5754.55	842.901
187.502	3.12504	40	7548.5	5744.55	844.419
187.669	3.12782	40	7555.1	5734.94	845.944
187.835	3.1306	40	7561.8	5725.48	847.477
188.003	3.13338	40	7568.5	5715.94	849.018
188.169	3.13615	40	7575.1	5706.48	850.562
188.335	3.13893	40	7581.8	5696.99	852.119
188.503	3.14171	40	7588.5	5687.3	853.685
188.669	3.14449	40	7595.1	5677.68	855.258
188.835	3.14726	40	7601.8	5668.02	856.834
189.002	3.15004	40	7608.5	5658.18	858.425
189.169	3.15282	40	7615.1	5648.44	860.023
189.335	3.1556	40	7621.8	5638.17	861.630
189.502	3.15837	40	7628.4	5628.1	863.240
189.669	3.16115	40	7635.1	5618.34	864.864
189.835	3.16393	40	7641.8	5608.68	866.497
190.003	3.16671	40	7648.5	5598.85	868.138
190.169	3.16949	40	7655.1	5589.05	869.787
190.335	3.17226	40	7661.8	5579.27	871.439
190.502	3.17504	40	7668.5	5569.38	873.105
190.669	3.17782	40	7675.1	5559.58	874.779
190.835	3.1806	40	7681.8	5549.88	876.462
191.003	3.18338	40	7688.5	5539.75	878.154
191.169	3.18615	40	7695.1	5529.46	879.849
191.335	3.18893	40	7701.8	5519.72	881.558
191.503	3.19171	40	7708.5	5509.95	883.276
191.669	3.19449	40	7715.1	5500.25	885.002
191.835	3.19726	40	7721.8	5490.61	886.730
192.002	3.20004	40	7728.5	5480.9	888.473
192.169	3.20282	40	7735.1	5471.25	890.225
192.335	3.2056	40	7741.8	5461.68	891.984
192.503	3.20838	40	7748.5	5451.98	893.753

192.669	3.21115	40	7755.1	5441.94	895.524
192.835	3.21393	40	7761.8	5432.07	897.310
193.003	3.21671	40	7768.5	5422.54	899.104
193.169	3.21949	40	7775.1	5413.25	900.906
193.335	3.22226	40	7781.8	5404.04	902.711
193.502	3.22504	40	7788.5	5394.83	904.530
193.669	3.22782	40	7795.1	5386.33	906.356
193.835	3.2306	40	7801.8	5379.57	908.188
194.003	3.23338	40	7808.5	5376.51	910.022
194.169	3.23615	40	7815.1	5379.39	911.846
194.335	3.23893	40	7821.8	5385.79	913.671
194.503	3.24171	40	7828.5	5392.86	915.490
194.669	3.24449	40	7835.1	5400.08	917.302
194.835	3.24726	40	7841.8	5407.11	919.102
195.002	3.25004	40	7848.5	5413.44	920.903
195.169	3.25282	40	7855.1	5418.76	922.699
195.335	3.2556	40	7861.8	5423.22	924.491
195.503	3.25838	40	7868.5	5426.98	926.280
195.669	3.26115	40	7875.1	5430.27	928.059
195.835	3.26393	40	7881.8	5432.97	929.843
196.003	3.26671	40	7888.5	5435.12	931.624
196.169	3.26949	40	7895.1	5437.03	933.404
196.335	3.27226	40	7901.8	5438.87	935.176
196.502	3.27504	40	7908.5	5440.17	936.954
196.669	3.27782	40	7915.1	5442.07	938.729
196.835	3.2806	40	7921.8	5444.31	940.503
197.003	3.28338	40	7928.5	5446.35	942.274
197.169	3.28615	40	7935.1	5448.14	944.038
197.335	3.28893	40	7941.8	5449.86	945.807
197.503	3.29171	40	7948.5	5451.51	947.575
197.669	3.29449	40	7955.1	5452.99	949.341
197.835	3.29726	40	7961.8	5454.53	951.099
198.002	3.30004	40	7968.5	5456.12	952.862
198.169	3.30282	40	7975.1	5457.74	954.624
198.335	3.3056	40	7981.8	5459.31	956.385
198.502	3.30837	40	7988.4	5460.84	958.137
198.669	3.31115	40	7995.1	5462.02	959.896
198.835	3.31393	40	8001.8	5460.36	961.656
199.003	3.31671	40	8008.5	5454.41	963.422
199.169	3.31949	40	8015.1	5446.17	965.195
199.335	3.32226	40	8021.8	5436.72	966.971
199.502	3.32504	40	8028.5	5426.52	968.762
199.669	3.32782	40	8035.1	5415.92	970.562

199.835	3.3306	40	8041.8	5405.18	972.372
200.002	3.33337	40	8048.4	5394.4	974.185
200.169	3.33615	40	8055.1	5383.55	976.014
200.335	3.33893	40	8061.8	5372.72	977.853
200.503	3.34171	40	8068.5	5361.93	979.701
200.669	3.34449	40	8075.1	5351.16	981.559
200.835	3.34726	40	8081.8	5340.49	983.420
201.002	3.35004	40	8088.5	5329.98	985.297
201.169	3.35282	40	8095.1	5319.58	987.183
201.335	3.3556	40	8101.8	5309.41	989.079
201.502	3.35837	40	8108.4	5299.5	990.976
201.669	3.36115	40	8115.1	5289.97	992.889
201.835	3.36393	40	8121.8	5280.98	994.810
202.003	3.36671	40	8128.5	5272.7	996.738
202.169	3.36949	40	8135.1	5265.13	998.674
202.335	3.37226	40	8141.8	5257.97	1000.608
202.502	3.37504	40	8148.5	5251.46	1002.556
202.669	3.37782	40	8155.1	5245.41	1004.509
202.835	3.3806	40	8161.8	5239.73	1006.467
203.003	3.38338	40	8168.5	5234.36	1008.430
203.169	3.38615	40	8175.1	5229.15	1010.390
203.335	3.38893	40	8181.8	5224.15	1012.363
203.503	3.39171	40	8188.5	5219.32	1014.340
203.669	3.39449	40	8195.1	5214.57	1016.321
203.835	3.39726	40	8201.8	5209.96	1018.299
204.002	3.40004	40	8208.5	5205.45	1020.288
204.169	3.40282	40	8215.1	5201	1022.282
204.335	3.4056	40	8221.8	5196.68	1024.279
204.502	3.40837	40	8228.4	5192.47	1026.273
204.669	3.41115	40	8235.1	5188.33	1028.278
204.835	3.41393	40	8241.8	5184.32	1030.287
205.003	3.41671	40	8248.5	5180.43	1032.300
205.169	3.41949	40	8255.1	5176.56	1034.316
205.335	3.42226	40	8261.8	5172.78	1036.328
205.502	3.42504	40	8268.5	5169.1	1038.351
205.669	3.42782	40	8275.1	5165.43	1040.377
205.835	3.4306	40	8281.8	5161.85	1042.406
206.002	3.43337	40	8288.4	5158.36	1044.432
206.169	3.43615	40	8295.1	5154.87	1046.468
206.335	3.43893	40	8301.8	5151.48	1048.507
206.503	3.44171	40	8308.5	5148.17	1050.549
206.669	3.44449	40	8315.1	5144.87	1052.595
206.835	3.44726	40	8321.8	5141.65	1054.636

1040.377

207.002	3.45004	40	8328.5	5138.51	1056.687
207.169	3.45282	40	8335.1	5135.38	1058.741
207.335	3.4556	40	8341.8	5132.33	1060.798
207.502	3.45837	40	8348.4	5129.36	1062.850
207.669	3.46115	40	8355.1	5126.39	1064.913
207.835	3.46393	40	8361.8	5123.5	1066.978
208.003	3.46671	40	8368.5	5120.68	1069.046
208.169	3.46949	40	8375.1	5117.86	1071.116
208.335	3.47226	40	8381.8	5115.13	1073.182
208.502	3.47504	40	8388.5	5112.46	1075.257
208.669	3.47782	40	8395.1	5109.8	1077.335
208.836	3.4806	40	8401.8	5107.21	1079.415
209.003	3.48338	40	8408.5	5104.68	1081.498
209.169	3.48615	40	8415.1	5102.16	1083.576
209.335	3.48893	40	8421.8	5099.71	1085.663
209.503	3.49171	40	8428.5	5097.32	1087.753
209.669	3.49449	40	8435.1	5094.93	1089.845
209.835	3.49726	40	8441.8	5092.62	1091.931
210.002	3.50004	40	8448.5	5090.38	1094.028
210.169	3.50282	40	8455.1	5088.13	1096.126
210.335	3.5056	40	8461.8	5085.96	1098.226
210.503	3.50838	40	8468.5	5083.86	1100.328
210.669	3.51115	40	8475.1	5081.75	1102.425
210.835	3.51393	40	8481.8	5079.74	1104.531
211.003	3.51671	40	8488.5	5077.77	1106.639
211.169	3.51949	40	8495.1	5075.81	1108.749
211.335	3.52226	40	8501.8	5073.95	1110.853
211.502	3.52504	40	8508.5	5072.13	1112.966
211.669	3.52782	40	8515.1	5070.34	1115.081
211.835	3.5306	40	8521.8	5068.62	1117.198
212.002	3.53337	40	8528.4	5066.98	1119.309
212.169	3.53615	40	8535.1	5065.38	1121.428
212.335	3.53893	40	8541.8	5063.83	1123.549
212.503	3.54171	40	8548.5	5062.34	1125.672
212.669	3.54449	40	8555.1	5060.9	1127.796
212.835	3.54726	40	8561.8	5059.52	1129.913
213.002	3.55004	40	8568.5	5058.2	1132.040
213.169	3.55282	40	8575.1	5056.95	1134.167
213.335	3.5556	40	8581.8	5055.74	1136.296
213.502	3.55837	40	8588.4	5054.59	1138.418
213.669	3.56115	40	8595.1	5053.5	1140.549
213.835	3.56393	40	8601.8	5052.47	1142.681
214.003	3.56671	40	8608.5	5051.48	1144.813

214.169	3.56949	40	8615.1	5050.55	1146.947
214.335	3.57226	40	8621.8	5049.67	1149.074
214.502	3.57504	40	8628.5	5048.85	1151.209
214.669	3.57782	40	8635.1	5048.08	1153.345
214.835	3.5806	40	8641.8	5047.36	1155.481
215.003	3.58338	40	8648.5	5046.68	1157.619
215.169	3.58615	40	8655.1	5046.06	1159.749
215.335	3.58893	40	8661.8	5045.47	1161.887
215.503	3.59171	40	8668.5	5044.93	1164.026
215.669	3.59449	40	8675.1	5044.44	1166.165
215.835	3.59726	40	8681.8	5043.98	1168.298
216.002	3.60004	40	8688.5	5043.56	1170.438
216.169	3.60282	40	8695.1	5043.18	1172.578
216.335	3.6056	40	8701.8	5042.84	1174.719
216.503	3.60838	40	8708.5	5042.53	1176.860
216.669	3.61115	40	8715.1	5042.25	1178.994
216.835	3.61393	40	8721.8	5042	1181.136
217.003	3.61671	40	8728.5	5041.78	1183.277
217.169	3.61949	40	8735.1	5041.59	1185.419
217.335	3.62226	40	8741.8	5041.42	1187.554
217.502	3.62504	40	8748.5	5041.27	1189.696
217.669	3.62782	40	8755.1	5041.13	1191.839
217.835	3.6306	40	8761.8	5041.01	1193.981
218.003	3.63338	40	8768.5	5040.91	1196.124
218.169	3.63615	40	8775.1	5040.82	1198.259
218.335	3.63893	40	8781.8	5040.74	1200.402
218.503	3.64171	40	8788.5	5040.68	1202.544
218.669	3.64449	40	8795.1	5040.62	1204.687
218.835	3.64726	40	8801.8	5040.56	1206.823
219.002	3.65004	40	8808.5	5040.5	1208.966
219.169	3.65282	40	8815.1	5040.45	1211.109
219.335	3.6556	40	8821.8	5040.39	1213.252
219.502	3.65837	40	8828.4	5040.33	1215.387
219.669	3.66115	40	8835.1	5040.27	1217.531
219.835	3.66393	40	8841.8	5040.19	1219.674
220.003	3.66671	40	8848.5	5040.11	1221.817
220.169	3.66949	40	8855.1	5040.02	1223.961
220.335	3.67226	40	8861.8	5039.92	1226.097
220.502	3.67504	40	8868.5	5039.8	1228.240
220.669	3.67782	40	8875.1	5039.68	1230.384
220.835	3.6806	40	8881.8	5039.53	1232.528
221.003	3.68338	40	8888.5	5039.38	1234.672
221.169	3.68615	40	8895.1	5039.2	1236.809

221.335	3.68893	40	8901.8	5039.01	1238.953
221.503	3.69171	40	8908.5	5038.79	1241.098
221.669	3.69449	40	8915.1	5038.56	1243.243
221.835	3.69726	40	8921.8	5038.3	1245.380
222.002	3.70004	40	8928.5	5038.03	1247.526
222.169	3.70282	40	8935.1	5037.73	1249.671
222.335	3.7056	40	8941.8	5037.4	1251.817
222.503	3.70838	40	8948.5	5037.06	1253.964
222.669	3.71115	40	8955.1	5036.69	1256.103
222.835	3.71393	40	8961.8	5036.29	1258.250
223.003	3.71671	40	8968.5	5035.88	1260.397
223.169	3.71949	40	8975.1	5035.44	1262.545
223.335	3.72226	40	8981.8	5034.97	1264.686
223.502	3.72504	40	8988.5	5034.47	1266.835
223.669	3.72782	40	8995.1	5033.96	1268.984
223.835	3.7306	40	9001.8	5033.42	1271.134
224.003	3.73338	40	9008.5	5032.87	1273.284
224.169	3.73615	40	9015.1	5032.3	1275.427
224.335	3.73893	40	9021.8	5031.72	1277.579
224.503	3.74171	40	9028.5	5031.11	1279.731
224.669	3.74449	40	9035.1	5030.49	1281.883
224.835	3.74726	40	9041.8	5029.83	1284.029
225.002	3.75004	40	9048.5	5029.15	1286.183
225.169	3.75282	40	9055.1	5028.43	1288.338
225.335	3.7556	40	9061.8	5027.69	1290.493
225.503	3.75838	40	9068.5	5026.91	1292.649
225.669	3.76115	40	9075.1	5026.12	1294.798
225.835	3.76393	40	9081.8	5025.3	1296.956
226.003	3.76671	40	9088.5	5024.45	1299.114
226.169	3.76949	40	9095.1	5023.59	1301.273
226.335	3.77226	40	9101.8	5022.7	1303.426
226.502	3.77504	40	9108.5	5021.8	1305.587
226.669	3.77782	40	9115.1	5020.87	1307.748
226.835	3.7806	40	9121.8	5019.93	1309.911
227.003	3.78338	40	9128.5	5018.97	1312.075
227.169	3.78615	40	9135.1	5017.99	1314.232
227.335	3.78893	40	9141.8	5017	1316.397
227.503	3.79171	40	9148.5	5015.99	1318.564
227.669	3.79449	40	9155.1	5014.97	1320.731
227.835	3.79726	40	9161.8	5013.93	1322.892
228.002	3.80004	40	9168.5	5012.89	1325.061
228.169	3.80282	40	9175.1	5011.83	1327.232
228.335	3.8056	40	9181.8	5010.76	1329.403

228.502	3.80837	40	9188.4	5009.68	1331.568
228.669	3.81115	40	9195.1	5008.59	1333.742
228.835	3.81393	40	9201.8	5007.5	1335.916
229.003	3.81671	40	9208.5	5006.39	1338.092
229.169	3.81949	40	9215.1	5005.28	1340.269
229.335	3.82226	40	9221.8	5004.17	1342.439
229.502	3.82504	40	9228.5	5003.04	1344.618
229.669	3.82782	40	9235.1	5001.92	1346.798
229.835	3.8306	40	9241.8	5000.79	1348.979
230.002	3.83337	40	9248.4	4999.66	1351.153
230.169	3.83615	40	9255.1	4998.52	1353.337
230.336	3.83893	40	9261.8	4997.38	1355.521
230.503	3.84171	40	9268.5	4996.25	1357.706
230.669	3.84449	40	9275.1	4995.11	1359.893
230.835	3.84726	40	9281.8	4993.97	1362.073
231.002	3.85004	40	9288.5	4992.84	1364.261
231.169	3.85282	40	9295.1	4991.71	1366.451
231.335	3.8556	40	9301.8	4990.58	1368.642
231.502	3.85837	40	9308.4	4989.45	1370.826
231.669	3.86115	40	9315.1	4988.33	1373.019
231.835	3.86393	40	9321.8	4987.21	1375.213
232.003	3.86671	40	9328.5	4986.09	1377.408
232.169	3.86949	40	9335.1	4984.99	1379.605
232.335	3.87226	40	9341.8	4983.88	1381.794
232.502	3.87504	40	9348.5	4982.79	1383.992
232.669	3.87782	40	9355.1	4981.7	1386.192
232.835	3.8806	40	9361.8	4980.62	1388.392
233.003	3.88338	40	9368.5	4979.55	1390.594
233.169	3.88615	40	9375.1	4978.48	1392.788
233.335	3.88893	40	9381.8	4977.42	1394.992
233.503	3.89171	40	9388.5	4976.38	1397.196
233.669	3.89449	40	9395.1	4975.35	1399.402
233.835	3.89726	40	9401.8	4974.32	1401.600
234.002	3.90004	40	9408.5	4973.3	1403.808
234.169	3.90282	40	9415.1	4972.3	1406.016
234.335	3.9056	40	9421.8	4971.3	1408.226
234.502	3.90837	40	9428.4	4970.31	1410.428
234.669	3.91115	40	9435.1	4969.33	1412.639
234.835	3.91393	40	9441.8	4968.38	1414.852
235.003	3.91671	40	9448.5	4967.43	1417.065
235.169	3.91949	40	9455.1	4966.48	1419.279
235.335	3.92226	40	9461.8	4965.56	1421.486
235.502	3.92504	40	9468.5	4964.65	1423.702

235.669	3.92782	40	9475.1	4963.75	1425.918
235.835	3.9306	40	9481.8	4962.94	1428.136
236.002	3.93337	40	9488.4	4962.19	1430.346
236.169	3.93615	40	9495.1	4961.45	1432.565
236.336	3.93893	40	9501.8	4960.75	1434.785
236.503	3.94171	40	9508.5	4960.05	1437.005
236.669	3.94449	40	9515.1	4959.34	1439.226
236.836	3.94726	40	9521.8	4958.7	1441.439
237.002	3.95004	40	9528.5	4958.04	1443.661
237.169	3.95282	40	9535.1	4957.33	1445.884
237.335	3.9556	40	9541.8	4956.63	1448.108
237.502	3.95837	40	9548.4	4955.89	1450.324
237.669	3.96115	40	9555.1	4955.12	1452.549
237.835	3.96393	40	9561.8	4954.44	1454.775
238.003	3.96671	40	9568.5	4953.73	1457.001
238.169	3.96949	40	9575.1	4953	1459.228
238.336	3.97226	40	9581.8	4952.36	1461.448
238.502	3.97504	40	9588.5	4951.69	1463.676
238.669	3.97782	40	9595.1	4951	1465.905
238.836	3.9806	40	9601.8	4950.4	1468.135
239.003	3.98338	40	9608.5	4949.77	1470.365
239.169	3.98615	40	9615.1	4949.13	1472.588
239.335	3.98893	40	9621.8	4948.56	1474.819
239.503	3.99171	40	9628.5	4947.97	1477.051
239.669	3.99449	40	9635.1	4947.37	1479.283
239.835	3.99726	40	9641.8	4946.84	1481.508
240.002	4.00004	40	9648.5	4946.3	1483.742

Casing & Annular flow, 10,000 stbo/d, 16.4 (500) followed by 14.2

Time min	Time hours	Pump Rate bpm	Volume pumped bbls	WHP psia	Flow down bbls	Kill Volume (bbls)
0	0	0	0	3019.9	0.00	
0.169	0.00282047	50	8.5	3114.04	0.13	
0.336	0.00559825	50	16.8	3498.17	1.06	
0.503	0.00837603	50	25.1	3829.42	3.05	
0.669	0.0111538	50	33.5	4165.62	5.76	
0.836	0.0139316	50	41.8	4502.54	8.87	
1.003	0.0167094	50	50.1	4861.92	12.16	
1.169	0.0194871	50	58.5	5285.62	15.49	
1.336	0.0222649	50	66.8	6227.73	18.26	
1.503	0.0250427	50	75.1	7116.42	20.56	
1.669	0.0278205	50	83.5	7696.35	22.58	
1.836	0.0305983	50	91.8	8026.95	24.44	
2.003	0.033376	50	100.1	8206.16	26.23	
2.169	0.0361538	50	108.5	8306.48	27.98	
2.336	0.0389316	50	116.8	8362.6	29.70	
2.503	0.0417094	50	125.1	8392.55	31.42	
2.669	0.0444871	50	133.5	8404.75	33.14	
2.836	0.0472649	50	141.8	8405.22	34.87	
3.003	0.0500427	50	150.1	8399.61	36.60	
3.169	0.0528205	50	158.5	8389.87	38.34	
3.336	0.0555983	50	166.8	8378.24	40.10	
3.503	0.058376	50	175.1	8364.13	41.87	
3.669	0.0611538	50	183.5	8348.25	43.64	
3.836	0.0639316	50	191.8	8334.37	45.43	
4.003	0.0667094	50	200.1	8321.66	47.23	
4.169	0.0694871	50	208.5	8309.26	49.04	
4.336	0.0722649	50	216.8	8297.02	50.86	
4.503	0.0750427	50	225.1	8286.08	52.68	
4.669	0.0778205	50	233.5	8278.12	54.51	
4.836	0.0805983	50	241.8	8270.17	56.35	
5.003	0.083376	40	248.5	8261.53	58.19	
5.169	0.0861538	40	255.1	8206.12	58.43	
5.336	0.0889316	40	261.8	8172.79	58.68	
5.503	0.0917094	40	268.5	8152.33	58.94	
5.669	0.0944871	40	275.1	8139.86	59.21	

5.836	0.0972649	40	281.8	8132.07	59.48
6.003	0.100043	40	288.5	8127	59.75
6.169	0.10282	40	295.1	8123.51	60.02
6.336	0.105598	40	301.8	8120.73	60.30
6.503	0.108376	40	308.5	8118.44	60.57
6.669	0.111154	40	315.1	8116.45	60.85
6.836	0.113932	40	321.8	8114.62	61.13
7.003	0.116709	40	328.5	8112.91	61.41
7.169	0.119487	40	335.1	8111.14	61.69
7.336	0.122265	40	341.8	8109.59	61.98
7.503	0.125043	40	348.5	8108.16	62.26
7.669	0.12782	40	355.1	8106.81	62.54
7.836	0.130598	40	361.8	8105.49	62.83
8.003	0.133376	40	368.5	8104.21	63.12
8.169	0.136154	40	375.1	8102.94	63.41
8.336	0.138932	40	381.8	8101.67	63.70
8.503	0.141709	40	388.5	8100.41	63.99
8.669	0.144487	40	395.1	8099.16	64.28
8.836	0.147265	40	401.8	8097.91	64.57
9.003	0.150043	40	408.5	8096.66	64.86
9.169	0.15282	40	415.1	8095.4	65.16
9.336	0.155598	40	421.8	8094.15	65.45
9.503	0.158376	40	428.5	8092.91	65.75
9.669	0.161154	40	435.1	8091.66	66.04
9.836	0.163932	40	441.8	8090.41	66.34
10.003	0.166709	40	448.5	8089.17	66.64
10.169	0.169487	40	455.1	8087.93	66.94
10.336	0.172265	40	461.8	8086.68	67.24
10.503	0.175043	40	468.5	8085.43	67.54
10.669	0.17782	40	475.1	8084.19	67.84
10.836	0.180598	40	481.8	8082.94	68.15
11.003	0.183376	40	488.5	8081.7	68.45
11.169	0.186154	40	495.1	8080.45	68.75
11.336	0.188932	40	501.8	8068.91	68.41
11.503	0.191709	40	508.5	8058.05	68.28
11.669	0.194487	40	515.1	8055.85	68.20
11.836	0.197265	40	521.8	8055.3	68.12
12.003	0.200043	40	528.5	8054.67	68.02
12.169	0.20282	40	535.1	8053.86	67.91
12.336	0.205598	40	541.8	8053.07	67.78

12.503	0.208376	40	548.5	8052.47	67.65
12.669	0.211154	40	555.1	8052.11	67.50
12.836	0.213932	40	561.8	8051.98	67.35
13.003	0.216709	40	568.5	8052.03	67.20
13.169	0.219487	40	575.1	8052.2	67.05
13.336	0.222265	40	581.8	8052.49	66.90
13.503	0.225043	40	588.5	8052.84	66.75
13.669	0.22782	40	595.1	8053.22	66.59
13.836	0.230598	40	601.8	8053.63	66.44
14.003	0.233376	40	608.5	8054.05	66.29
14.169	0.236154	40	615.1	8054.47	66.13
14.336	0.238932	40	621.8	8054.89	65.98
14.503	0.241709	40	628.5	8055.32	65.83
14.669	0.244487	40	635.1	8055.74	65.67
14.836	0.247265	40	641.8	8056.17	65.52
15.003	0.250043	40	648.5	8056.6	65.36
15.169	0.25282	40	655.1	8057.03	65.21
15.336	0.255598	40	661.8	8057.45	65.05
15.503	0.258376	40	668.5	8057.88	64.90
15.669	0.261154	40	675.1	8058.31	64.74
15.836	0.263932	40	681.8	8058.73	64.59
16.003	0.266709	40	688.5	8059.16	64.43
16.169	0.269487	40	695.1	8059.58	64.28
16.336	0.272265	40	701.8	8060.01	64.12
16.503	0.275043	40	708.5	8060.48	63.97
16.669	0.277821	40	715.1	8060.95	63.81
16.836	0.280598	40	721.8	8061.4	63.65
17.003	0.283376	40	728.5	8061.84	63.50
17.169	0.286154	40	735.1	8062.28	63.34
17.336	0.288932	40	741.8	8062.71	63.18
17.503	0.291709	40	748.5	8063.14	63.03
17.669	0.294487	40	755.1	8063.57	62.87
17.836	0.297265	40	761.8	8063.99	62.71
18.003	0.300043	40	768.5	8064.42	62.55
18.169	0.302821	40	775.1	8064.85	62.39
18.336	0.305598	40	781.8	8065.27	62.24
18.503	0.308376	40	788.5	8065.69	62.08
18.669	0.311154	40	795.1	8066.12	61.92
18.836	0.313932	40	801.8	8066.54	61.76
19.003	0.316709	40	808.5	8066.97	61.60

19.169	0.319487	40	815.1	8067.39	61.44
19.336	0.322265	40	821.8	8067.82	61.28
19.503	0.325043	40	828.5	8068.25	61.13
19.669	0.327821	40	835.1	8068.68	60.97
19.836	0.330598	40	841.8	8069.11	60.81
20.003	0.333376	40	848.5	8069.53	60.65
20.169	0.336154	40	855.1	8069.96	60.49
20.336	0.338932	40	861.8	8070.4	60.33
20.503	0.341709	40	868.5	8070.83	60.17
20.669	0.344487	40	875.1	8071.24	60.01
20.836	0.347265	40	881.8	8071.66	59.85
21.003	0.350043	40	888.5	8072.09	59.69
21.169	0.352821	40	895.1	8072.52	59.53
21.336	0.355598	40	901.8	8072.95	59.37
21.503	0.358376	40	908.5	8073.38	59.21
21.669	0.361154	40	915.1	8073.82	59.05
21.836	0.363932	40	921.8	8074.26	58.88
22.003	0.366709	40	928.5	8074.69	58.72
22.169	0.369487	40	935.1	8075.12	58.56
22.336	0.372265	40	941.8	8075.55	58.40
22.503	0.375043	40	948.5	8075.99	58.24
22.669	0.377821	40	955.1	8076.43	58.08
22.836	0.380598	40	961.8	8076.87	57.92
23.003	0.383376	40	968.5	8077.31	57.76
23.169	0.386154	40	975.1	8077.75	57.59
23.336	0.388932	40	981.8	8078.2	57.43
23.503	0.391709	40	988.5	8078.64	57.27
23.669	0.394487	40	995.1	8079.09	57.11
23.836	0.397265	40	1001.8	8079.53	56.95
24.003	0.400043	40	1008.5	8079.98	56.78
24.169	0.402821	40	1015.1	8080.42	56.62
24.336	0.405598	40	1021.8	8080.87	56.46
24.503	0.408376	40	1028.5	8081.32	56.30
24.669	0.411154	40	1035.1	8081.77	56.13
24.836	0.413932	40	1041.8	8082.22	55.97
25.003	0.416709	40	1048.5	8082.67	55.81
25.169	0.419487	40	1055.1	8083.12	55.65
25.336	0.422265	40	1061.8	8083.57	55.49
25.503	0.425043	40	1068.5	8084.03	55.32
25.669	0.427821	40	1075.1	8084.48	55.16

25.836	0.430598	40	1081.8	8084.93	55.00
26.003	0.433376	40	1088.5	8085.39	54.83
26.169	0.436154	40	1095.1	8085.84	54.67
26.336	0.438932	40	1101.8	8086.3	54.51
26.503	0.441709	40	1108.5	8086.76	54.35
26.669	0.444487	40	1115.1	8087.21	54.18
26.836	0.447265	40	1121.8	8087.67	54.02
27.003	0.450043	40	1128.5	8088.13	53.86
27.169	0.452821	40	1135.1	8088.59	53.69
27.336	0.455598	40	1141.8	8089.04	53.53
27.503	0.458376	40	1148.5	8089.49	53.37
27.669	0.461154	40	1155.1	8089.95	53.21
27.836	0.463932	40	1161.8	8090.41	53.04
28.003	0.466709	40	1168.5	8090.87	52.88
28.169	0.469487	40	1175.1	8091.33	52.72
28.336	0.472265	40	1181.8	8091.8	52.55
28.503	0.475043	40	1188.5	8092.26	52.39
28.669	0.477821	40	1195.1	8092.73	52.23
28.836	0.480598	40	1201.8	8093.22	52.07
29.003	0.483376	40	1208.5	8093.73	51.90
29.169	0.486154	40	1215.1	8094.22	51.74
29.336	0.488932	40	1221.8	8094.7	51.58
29.503	0.491709	40	1228.5	8095.17	51.41
29.669	0.494487	40	1235.1	8095.64	51.25
29.836	0.497265	40	1241.8	8096.11	51.09
30.003	0.500043	40	1248.5	8096.58	50.93
30.169	0.502821	40	1255.1	8097.05	50.76
30.336	0.505598	40	1261.8	8097.51	50.60
30.503	0.508376	40	1268.5	8097.98	50.44
30.669	0.511154	40	1275.1	8098.45	50.27
30.836	0.513932	40	1281.8	8098.92	50.11
31.003	0.516709	40	1288.5	8099.39	49.95
31.169	0.519487	40	1295.1	8099.86	49.79
31.336	0.522265	40	1301.8	8100.34	49.62
31.503	0.525043	40	1308.5	8100.81	49.46
31.669	0.527821	40	1315.1	8101.28	49.30
31.836	0.530598	40	1321.8	8101.76	49.14
32.003	0.533376	40	1328.5	8102.23	48.97
32.169	0.536154	40	1335.1	8102.7	48.81
32.336	0.538932	40	1341.8	8103.17	48.65

32.503	0.541709	40	1348.5	8103.64	48.49
32.669	0.544487	40	1355.1	8104.12	48.33
32.836	0.547265	40	1361.8	8104.59	48.16
33.003	0.550043	40	1368.5	8105.07	48.00
33.169	0.552821	40	1375.1	8105.55	47.84
33.336	0.555598	40	1381.8	8106.03	47.68
33.503	0.558376	40	1388.5	8106.51	47.52
33.669	0.561154	40	1395.1	8106.99	47.36
33.836	0.563932	40	1401.8	8107.47	47.20
34.003	0.566709	40	1408.5	8107.95	47.03
34.169	0.569487	40	1415.1	8108.44	46.87
34.336	0.572265	40	1421.8	8108.92	46.71
34.503	0.575043	40	1428.5	8109.4	46.55
34.669	0.577821	40	1435.1	8109.89	46.39
34.836	0.580598	40	1441.8	8110.37	46.23
35.003	0.583376	40	1448.5	8110.86	46.07
35.169	0.586154	40	1455.1	8111.35	45.91
35.336	0.588932	40	1461.8	8111.83	45.75
35.503	0.591709	40	1468.5	8112.32	45.59
35.669	0.594487	40	1475.1	8112.81	45.43
35.836	0.597265	40	1481.8	8113.3	45.27
36.003	0.600043	40	1488.5	8113.78	45.11
36.169	0.602821	40	1495.1	8114.27	44.95
36.336	0.605598	40	1501.8	8114.76	44.79
36.503	0.608376	40	1508.5	8115.25	44.63
36.669	0.611154	40	1515.1	8115.74	44.47
36.836	0.613932	40	1521.8	8116.22	44.31
37.003	0.616709	40	1528.5	8116.71	44.15
37.169	0.619487	40	1535.1	8117.2	43.99
37.336	0.622265	40	1541.8	8117.69	43.83
37.503	0.625043	40	1548.5	8118.18	43.67
37.669	0.627821	40	1555.1	8118.68	43.51
37.836	0.630598	40	1561.8	8119.17	43.36
38.003	0.633376	40	1568.5	8119.66	43.20
38.169	0.636154	40	1575.1	8120.16	43.04
38.336	0.638932	40	1581.8	8120.65	42.88
38.503	0.641709	40	1588.5	8121.15	42.72
38.669	0.644487	40	1595.1	8121.64	42.57
38.836	0.647265	40	1601.8	8122.14	42.41
39.003	0.650043	40	1608.5	8122.63	42.25

39.169	0.652821	40	1615.1	8123.13	42.09
39.336	0.655598	40	1621.8	8123.62	41.94
39.503	0.658376	40	1628.5	8124.16	41.78
39.669	0.661154	40	1635.1	8124.72	41.62
39.836	0.663932	40	1641.8	8125.26	41.47
40.003	0.666709	40	1648.5	8125.77	41.31
40.169	0.669487	40	1655.1	8126.28	41.15
40.336	0.672265	40	1661.8	8126.78	41.00
40.503	0.675043	40	1668.5	8127.27	40.84
40.669	0.677821	40	1675.1	8127.77	40.69
40.836	0.680598	40	1681.8	8128.26	40.53
41.003	0.683376	40	1688.5	8128.76	40.37
41.169	0.686154	40	1695.1	8129.24	40.22
41.336	0.688932	40	1701.8	8129.73	40.06
41.503	0.691709	40	1708.5	8130.22	39.91
41.669	0.694487	40	1715.1	8130.71	39.75
41.836	0.697265	40	1721.8	8131.21	39.60
42.003	0.700043	40	1728.5	8131.7	39.45
42.169	0.702821	40	1735.1	8132.2	39.29
42.336	0.705598	40	1741.8	8132.69	39.14
42.503	0.708376	40	1748.5	8133.19	38.98
42.669	0.711154	40	1755.1	8133.68	38.83
42.836	0.713932	40	1761.8	8134.18	38.68
43.003	0.716709	40	1768.5	8134.68	38.52
43.169	0.719487	40	1775.1	8135.17	38.37
43.336	0.722265	40	1781.8	8135.67	38.22
43.503	0.725043	40	1788.5	8136.17	38.07
43.669	0.727821	40	1795.1	8136.66	37.91
43.836	0.730598	40	1801.8	8137.16	37.76
44.003	0.733376	40	1808.5	8137.66	37.61
44.169	0.736154	40	1815.1	8138.16	37.46
44.336	0.738932	40	1821.8	8138.65	37.31
44.503	0.741709	40	1828.5	8139.15	37.16
44.669	0.744487	40	1835.1	8139.65	37.00
44.836	0.747265	40	1841.8	8140.15	36.85
45.003	0.750043	40	1848.5	8140.65	36.70
45.169	0.752821	40	1855.1	8141.14	36.55
45.336	0.755598	40	1861.8	8141.64	36.40
45.503	0.758376	40	1868.5	8142.14	36.25
45.669	0.761154	40	1875.1	8142.63	36.10

45.836	0.763932	40	1881.8	8143.12	35.95
46.003	0.766709	40	1888.5	8143.62	35.81
46.169	0.769487	40	1895.1	8144.11	35.66
46.336	0.772265	40	1901.8	8144.61	35.51
46.503	0.775043	40	1908.5	8145.1	35.36
46.669	0.777821	40	1915.1	8145.6	35.21
46.836	0.780598	40	1921.8	8146.1	35.06
47.003	0.783376	40	1928.5	8146.6	34.92
47.169	0.786154	40	1935.1	8147.09	34.77
47.336	0.788932	40	1941.8	8147.59	34.62
47.503	0.791709	40	1948.5	8148.08	34.47
47.669	0.794487	40	1955.1	8148.58	34.33
47.836	0.797265	40	1961.8	8149.08	34.18
48.003	0.800043	40	1968.5	8149.57	34.03
48.169	0.802821	40	1975.1	8150.07	33.89
48.336	0.805598	40	1981.8	8150.56	33.74
48.503	0.808376	40	1988.5	8151.06	33.60
48.669	0.811154	40	1995.1	8151.55	33.45
48.836	0.813932	40	2001.8	8152.04	33.31
49.003	0.816709	40	2008.5	8152.54	33.16
49.169	0.819487	40	2015.1	8153.03	33.02
49.336	0.822265	40	2021.8	8153.52	32.87
49.503	0.825043	40	2028.5	8154.02	32.73
49.669	0.827821	40	2035.1	8154.51	32.59
49.836	0.830598	40	2041.8	8154.99	32.44
50.003	0.833376	40	2048.5	8155.47	32.30
50.169	0.836154	40	2055.1	8155.96	32.16
50.336	0.838932	40	2061.8	8156.45	32.02
50.503	0.841709	40	2068.5	8156.94	31.87
50.669	0.844487	40	2075.1	8157.43	31.73
50.836	0.847265	40	2081.8	8157.92	31.59
51.003	0.850043	40	2088.5	8158.41	31.45
51.169	0.852821	40	2095.1	8158.9	31.31
51.336	0.855598	40	2101.8	8159.39	31.17
51.503	0.858376	40	2108.5	8159.88	31.03
51.669	0.861154	40	2115.1	8160.37	30.89
51.836	0.863932	40	2121.8	8160.85	30.75
52.003	0.866709	40	2128.5	8161.34	30.61
52.169	0.869487	40	2135.1	8161.82	30.47
52.336	0.872265	40	2141.8	8162.31	30.33

52.503	0.875043	40	2148.5	8162.79	30.19
52.669	0.877821	40	2155.1	8163.28	30.05
52.836	0.880598	40	2161.8	8163.76	29.91
53.003	0.883376	40	2168.5	8164.24	29.77
53.169	0.886154	40	2175.1	8164.72	29.64
53.336	0.888932	40	2181.8	8165.2	29.50
53.503	0.891709	40	2188.5	8165.68	29.36
53.669	0.894487	40	2195.1	8166.24	29.22
53.836	0.897265	40	2201.8	8166.76	29.09
54.003	0.900043	40	2208.5	8167.25	28.95
54.169	0.902821	40	2215.1	8167.73	28.82
54.336	0.905598	40	2221.8	8168.21	28.68
54.503	0.908376	40	2228.5	8168.69	28.55
54.669	0.911154	40	2235.1	8169.16	28.41
54.836	0.913932	40	2241.8	8169.63	28.28
55.003	0.916709	40	2248.5	8170.1	28.14
55.169	0.919487	40	2255.1	8170.57	28.01
55.336	0.922265	40	2261.8	8171.03	27.87
55.503	0.925043	40	2268.5	8171.5	27.74
55.669	0.927821	40	2275.1	8171.97	27.61
55.836	0.930598	40	2281.8	8172.44	27.47
56.003	0.933376	40	2288.5	8172.9	27.34
56.169	0.936154	40	2295.1	8173.37	27.21
56.336	0.938932	40	2301.8	8173.83	27.08
56.503	0.941709	40	2308.5	8174.3	26.95
56.669	0.944487	40	2315.1	8174.76	26.82
56.836	0.947265	40	2321.8	8175.22	26.69
57.003	0.950043	40	2328.5	8175.68	26.55
57.169	0.952821	40	2335.1	8176.14	26.42
57.336	0.955598	40	2341.8	8176.6	26.29
57.503	0.958376	40	2348.5	8177.06	26.17
57.669	0.961154	40	2355.1	8177.51	26.04
57.836	0.963932	40	2361.8	8177.96	25.91
58.003	0.966709	40	2368.5	8178.41	25.78
58.169	0.969487	40	2375.1	8178.86	25.65
58.336	0.972265	40	2381.8	8179.31	25.52
58.503	0.975043	40	2388.5	8179.76	25.40
58.669	0.977821	40	2395.1	8180.22	25.27
58.836	0.980598	40	2401.8	8180.67	25.14
59.003	0.983376	40	2408.5	8181.12	25.02

59.169	0.986154	40	2415.1	8181.57	24.89
59.336	0.988932	40	2421.8	8182.01	24.76
59.503	0.991709	40	2428.5	8182.46	24.64
59.669	0.994487	40	2435.1	8182.91	24.51
59.836	0.997265	40	2441.8	8183.35	24.39
60.002	1.00004	40	2448.5	8183.8	24.26
60.169	1.00282	40	2455.1	8184.24	24.14
60.336	1.0056	40	2461.8	8184.68	24.02
60.503	1.00838	40	2468.5	8185.12	23.89
60.669	1.01115	40	2475.1	8185.56	23.77
60.836	1.01393	40	2481.8	8186	23.65
61.003	1.01671	40	2488.5	8186.44	23.53
61.169	1.01949	40	2495.1	8186.87	23.40
61.336	1.02227	40	2501.8	8187.31	23.28
61.502	1.02504	40	2508.5	8187.74	23.16
61.669	1.02782	40	2515.1	8188.17	23.04
61.836	1.0306	40	2521.8	8188.59	22.92
62.003	1.03338	40	2528.5	8189.02	22.80
62.169	1.03615	40	2535.1	8189.45	22.68
62.336	1.03893	40	2541.8	8189.88	22.56
62.503	1.04171	40	2548.5	8190.31	22.44
62.669	1.04449	40	2555.1	8190.73	22.32
62.836	1.04726	40	2561.8	8191.16	22.21
63.002	1.05004	40	2568.5	8191.58	22.09
63.169	1.05282	40	2575.1	8192	21.97
63.336	1.0556	40	2581.8	8192.42	21.85
63.503	1.05838	40	2588.5	8192.84	21.74
63.669	1.06115	40	2595.1	8193.26	21.62
63.836	1.06393	40	2601.8	8193.68	21.50
64.003	1.06671	40	2608.5	8194.09	21.39
64.169	1.06949	40	2615.1	8194.51	21.27
64.336	1.07227	40	2621.8	8194.92	21.16
64.502	1.07504	40	2628.5	8195.33	21.04
64.669	1.07782	40	2635.1	8195.74	20.93
64.836	1.0806	40	2641.8	8196.15	20.82
65.003	1.08338	40	2648.5	8196.56	20.70
65.169	1.08615	40	2655.1	8196.97	20.59
65.336	1.08893	40	2661.8	8197.37	20.48
65.503	1.09171	40	2668.5	8197.77	20.36
65.669	1.09449	40	2675.1	8198.16	20.25

65.836	1.09726	40	2681.8	8198.56	20.14
66.002	1.10004	40	2688.5	8198.96	20.03
66.169	1.10282	40	2695.1	8199.35	19.92
66.336	1.1056	40	2701.8	8199.75	19.81
66.503	1.10838	40	2708.5	8200.15	19.70
66.669	1.11115	40	2715.1	8200.54	19.59
66.836	1.11393	40	2721.8	8200.94	19.48
67.003	1.11671	40	2728.5	8201.39	19.37
67.169	1.11949	40	2735.1	8201.82	19.26
67.336	1.12227	40	2741.8	8202.23	19.16
67.502	1.12504	40	2748.5	8202.63	19.05
67.669	1.12782	40	2755.1	8203.02	18.94
67.836	1.1306	40	2761.8	8203.4	18.83
68.003	1.13338	40	2768.5	8203.78	18.73
68.169	1.13615	40	2775.1	8204.16	18.62
68.336	1.13893	40	2781.8	8204.54	18.51
68.503	1.14171	40	2788.5	8204.91	18.41
68.669	1.14449	40	2795.1	8205.28	18.30
68.836	1.14727	40	2801.8	8205.65	18.20
69.002	1.15004	40	2808.5	8206.02	18.10
69.169	1.15282	40	2815.1	8206.39	17.99
69.336	1.1556	40	2821.8	8206.75	17.89
69.503	1.15838	40	2828.5	8207.12	17.79
69.669	1.16115	40	2835.1	8207.48	17.68
69.836	1.16393	40	2841.8	8207.83	17.58
70.003	1.16671	40	2848.5	8208.19	17.48
70.169	1.16949	40	2855.1	8208.54	17.38
70.336	1.17227	40	2861.8	8208.9	17.28
70.502	1.17504	40	2868.5	8209.25	17.18
70.669	1.17782	40	2875.1	8209.61	17.08
70.836	1.1806	40	2881.8	8209.96	16.98
71.003	1.18338	40	2888.5	8210.32	16.88
71.169	1.18615	40	2895.1	8210.67	16.78
71.336	1.18893	40	2901.8	8211.02	16.68
71.503	1.19171	40	2908.5	8211.36	16.58
71.669	1.19449	40	2915.1	8211.7	16.48
71.836	1.19727	40	2921.8	8212.04	16.39
72.002	1.20004	40	2928.5	8212.38	16.29
72.169	1.20282	40	2935.1	8212.72	16.19
72.336	1.2056	40	2941.8	8213.05	16.10

72.503	1.20838	40	2948.5	8213.39	16.00
72.669	1.21115	40	2955.1	8213.73	15.91
72.836	1.21393	40	2961.8	8214.06	15.81
73.003	1.21671	40	2968.5	8214.4	15.72
73.169	1.21949	40	2975.1	8214.73	15.62
73.336	1.22226	40	2981.8	8215.06	15.53
73.502	1.22504	40	2988.5	8215.39	15.43
73.669	1.22782	40	2995.1	8215.71	15.34
73.836	1.2306	40	3001.8	8216.04	15.25
74.003	1.23338	40	3008.5	8216.36	15.16
74.169	1.23615	40	3015.1	8216.68	15.06
74.336	1.23893	40	3021.8	8217	14.97
74.503	1.24171	40	3028.5	8217.31	14.88
74.669	1.24449	40	3035.1	8217.62	14.79
74.836	1.24726	40	3041.8	8217.93	14.70
75.002	1.25004	40	3048.5	8218.24	14.61
75.169	1.25282	40	3055.1	8218.55	14.52
75.336	1.2556	40	3061.8	8218.87	14.43
75.503	1.25838	40	3068.5	8219.17	14.34
75.669	1.26115	40	3075.1	8219.48	14.26
75.836	1.26393	40	3081.8	8219.79	14.17
76.003	1.26671	40	3088.5	8220.09	14.08
76.169	1.26949	40	3095.1	8220.4	13.99
76.336	1.27227	40	3101.8	8220.7	13.91
76.502	1.27504	40	3108.5	8221	13.82
76.669	1.27782	40	3115.1	8221.3	13.74
76.836	1.2806	40	3121.8	8221.59	13.65
77.003	1.28338	40	3128.5	8221.89	13.57
77.169	1.28615	40	3135.1	8222.18	13.48
77.336	1.28893	40	3141.8	8222.48	13.40
77.503	1.29171	40	3148.5	8222.77	13.31
77.669	1.29449	40	3155.1	8223.1	13.23
77.836	1.29726	40	3161.8	8223.43	13.15
78.002	1.30004	40	3168.5	8223.74	13.06
78.169	1.30282	40	3175.1	8224.04	12.98
78.336	1.3056	40	3181.8	8224.32	12.90
78.503	1.30838	40	3188.5	8224.6	12.82
78.669	1.31115	40	3195.1	8224.88	12.74
78.836	1.31393	40	3201.8	8225.15	12.66
79.003	1.31671	40	3208.5	8225.41	12.58

79.169	1.31949	40	3215.1	8225.67	12.50
79.336	1.32227	40	3221.8	8225.93	12.42
79.502	1.32504	40	3228.5	8226.19	12.34
79.669	1.32782	40	3235.1	8226.46	12.26
79.836	1.3306	40	3241.8	8226.72	12.18
80.003	1.33338	40	3248.5	8226.98	12.10
80.169	1.33615	40	3255.1	8227.24	12.03
80.336	1.33893	40	3261.8	8227.5	11.95
80.503	1.34171	40	3268.5	8227.75	11.87
80.669	1.34449	40	3275.1	8228.01	11.80
80.836	1.34726	40	3281.8	8228.26	11.72
81.002	1.35004	40	3288.5	8228.51	11.64
81.169	1.35282	40	3295.1	8228.76	11.57
81.336	1.3556	40	3301.8	8229.01	11.49
81.503	1.35838	40	3308.5	8229.26	11.42
81.669	1.36115	40	3315.1	8229.51	11.35
81.836	1.36393	40	3321.8	8229.75	11.27
82.003	1.36671	40	3328.5	8229.99	11.20
82.169	1.36949	40	3335.1	8230.23	11.13
82.336	1.37227	40	3341.8	8230.47	11.05
82.502	1.37504	40	3348.5	8230.71	10.98
82.669	1.37782	40	3355.1	8230.94	10.91
82.836	1.3806	40	3361.8	8231.18	10.84
83.003	1.38338	40	3368.5	8231.41	10.77
83.169	1.38615	40	3375.1	8231.64	10.70
83.336	1.38893	40	3381.8	8231.86	10.63
83.503	1.39171	40	3388.5	8232.08	10.56
83.669	1.39449	40	3395.1	8232.3	10.49
83.836	1.39727	40	3401.8	8232.53	10.42
84.002	1.40004	40	3408.5	8232.75	10.35
84.169	1.40282	40	3415.1	8232.97	10.28
84.336	1.4056	40	3421.8	8233.19	10.21
84.503	1.40838	40	3428.5	8233.41	10.15
84.669	1.41115	40	3435.1	8233.63	10.08
84.836	1.41393	40	3441.8	8233.84	10.01
85.003	1.41671	40	3448.5	8234.06	9.95
85.169	1.41949	40	3455.1	8234.27	9.88
85.336	1.42226	40	3461.8	8234.48	9.81
85.502	1.42504	40	3468.5	8234.7	9.75
85.669	1.42782	40	3475.1	8234.91	9.68

85.836	1.4306	40	3481.8	8235.13	9.62
86.003	1.43338	40	3488.5	8235.33	9.56
86.169	1.43615	40	3495.1	8235.54	9.49
86.336	1.43893	40	3501.8	8235.74	9.43
86.503	1.44171	40	3508.5	8235.94	9.37
86.669	1.44449	40	3515.1	8236.14	9.30
86.836	1.44726	40	3521.8	8236.33	9.24
87.002	1.45004	40	3528.5	8236.53	9.18
87.169	1.45282	40	3535.1	8236.72	9.12
87.336	1.4556	40	3541.8	8236.91	9.05
87.503	1.45838	40	3548.5	8237.1	8.99
87.669	1.46115	40	3555.1	8237.28	8.93
87.836	1.46393	40	3561.8	8237.46	8.87
88.003	1.46671	40	3568.5	8237.64	8.81
88.169	1.46949	40	3575.1	8237.84	8.75
88.336	1.47226	40	3581.8	8238.03	8.69
88.502	1.47504	40	3588.5	8238.27	8.64
88.669	1.47782	40	3595.1	8238.48	8.58
88.836	1.4806	40	3601.8	8238.68	8.52
89.003	1.48338	40	3608.5	8238.86	8.46
89.169	1.48615	40	3615.1	8239.04	8.40
89.336	1.48893	40	3621.8	8239.21	8.35
89.503	1.49171	40	3628.5	8239.38	8.29
89.669	1.49449	40	3635.1	8239.55	8.23
89.836	1.49726	40	3641.8	8239.72	8.18
90.002	1.50004	40	3648.5	8239.88	8.12
90.169	1.50282	40	3655.1	8240.04	8.07
90.336	1.5056	40	3661.8	8240.2	8.01
90.503	1.50838	40	3668.5	8240.36	7.96
90.669	1.51115	40	3675.1	8240.52	7.90
90.836	1.51393	40	3681.8	8240.68	7.85
91.003	1.51671	40	3688.5	8240.84	7.80
91.169	1.51949	40	3695.1	8240.99	7.74
91.336	1.52227	40	3701.8	8241.15	7.69
91.502	1.52504	40	3708.5	8241.3	7.64
91.669	1.52782	40	3715.1	8241.45	7.58
91.836	1.5306	40	3721.8	8241.58	7.53
92.003	1.53338	40	3728.5	8241.72	7.48
92.169	1.53615	40	3735.1	8241.87	7.43
92.336	1.53893	40	3741.8	8242.01	7.38

92.503	1.54171	40	3748.5	8242.16	7.33
92.669	1.54449	40	3755.1	8242.3	7.28
92.836	1.54726	40	3761.8	8242.44	7.23
93.002	1.55004	40	3768.5	8242.58	7.18
93.169	1.55282	40	3775.1	8242.72	7.13
93.336	1.5556	40	3781.8	8242.86	7.08
93.503	1.55838	40	3788.5	8243	7.03
93.669	1.56115	40	3795.1	8243.14	6.98
93.836	1.56393	40	3801.8	8243.27	6.93
94.003	1.56671	40	3808.5	8243.4	6.88
94.169	1.56949	40	3815.1	8243.53	6.84
94.336	1.57227	40	3821.8	8243.67	6.79
94.502	1.57504	40	3828.5	8243.8	6.74
94.669	1.57782	40	3835.1	8243.92	6.70
94.836	1.5806	40	3841.8	8244.05	6.65
95.003	1.58338	40	3848.5	8244.18	6.60
95.169	1.58615	40	3855.1	8244.3	6.56
95.336	1.58893	40	3861.8	8244.42	6.51
95.503	1.59171	40	3868.5	8244.56	6.47
95.669	1.59449	40	3875.1	8244.69	6.42
95.836	1.59726	40	3881.8	8244.8	6.38
96.002	1.60004	40	3888.5	8244.91	6.33
96.169	1.60282	40	3895.1	8245.02	6.29
96.336	1.6056	40	3901.8	8245.14	6.24
96.503	1.60838	40	3908.5	8245.25	6.20
96.669	1.61115	40	3915.1	8245.36	6.16
96.836	1.61393	40	3921.8	8245.47	6.12
97.003	1.61671	40	3928.5	8245.58	6.07
97.169	1.61949	40	3935.1	8245.69	6.03
97.336	1.62227	40	3941.8	8245.8	5.99
97.502	1.62504	40	3948.5	8245.91	5.95
97.669	1.62782	40	3955.1	8246.01	5.91
97.836	1.6306	40	3961.8	8246.12	5.86
98.003	1.63338	40	3968.5	8246.23	5.82
98.169	1.63615	40	3975.1	8246.34	5.78
98.336	1.63893	40	3981.8	8246.44	5.74
98.503	1.64171	40	3988.5	8246.54	5.70
98.669	1.64449	40	3995.1	8246.68	5.66
98.836	1.64727	40	4001.8	8246.81	5.62
99.002	1.65004	40	4008.5	8246.93	5.58

99.169	1.65282	40	4015.1	8247.03	5.55
99.336	1.6556	40	4021.8	8247.13	5.51
99.503	1.65838	40	4028.5	8247.22	5.47
99.669	1.66115	40	4035.1	8247.31	5.43
99.836	1.66393	40	4041.8	8247.39	5.39
100.003	1.66671	40	4048.5	8247.47	5.35
100.169	1.66949	40	4055.1	8247.56	5.32
100.336	1.67227	40	4061.8	8247.65	5.28
100.502	1.67504	40	4068.5	8247.74	5.24
100.669	1.67782	40	4075.1	8247.82	5.21
100.836	1.6806	40	4081.8	8247.91	5.17
101.003	1.68338	40	4088.5	8247.99	5.13
101.169	1.68615	40	4095.1	8248.06	5.10
101.336	1.68893	40	4101.8	8248.13	5.06
101.503	1.69171	40	4108.5	8248.2	5.03
101.669	1.69449	40	4115.1	8248.27	4.99
101.836	1.69727	40	4121.8	8248.34	4.96
102.002	1.70004	40	4128.5	8248.42	4.92
102.169	1.70282	40	4135.1	8248.49	4.89
102.336	1.7056	40	4141.8	8248.56	4.86
102.503	1.70838	40	4148.5	8248.63	4.82
102.669	1.71115	40	4155.1	8248.7	4.79
102.836	1.71393	40	4161.8	8248.77	4.75
103.003	1.71671	40	4168.5	8248.83	4.72
103.169	1.71949	40	4175.1	8248.9	4.69
103.336	1.72226	40	4181.8	8248.96	4.66
103.502	1.72504	40	4188.5	8249.03	4.62
103.669	1.72782	40	4195.1	8249.09	4.59
103.836	1.7306	40	4201.8	8249.14	4.56
104.003	1.73338	40	4208.5	8249.2	4.53
104.169	1.73615	40	4215.1	8249.26	4.50
104.336	1.73893	40	4221.8	8249.32	4.47
104.503	1.74171	40	4228.5	8249.38	4.43
104.669	1.74449	40	4235.1	8249.43	4.40
104.836	1.74726	40	4241.8	8249.49	4.37
105.002	1.75004	40	4248.5	8249.55	4.34
105.169	1.75282	40	4255.1	8249.61	4.31
105.336	1.7556	40	4261.8	8249.66	4.28
105.503	1.75838	40	4268.5	8249.72	4.25
105.669	1.76115	40	4275.1	8249.77	4.22

105.836	1.76393	40	4281.8	8249.83	4.20
106.003	1.76671	40	4288.5	8249.88	4.17
106.169	1.76949	40	4295.1	8249.93	4.14
106.336	1.77227	40	4301.8	8249.98	4.11
106.502	1.77504	40	4308.5	8250.03	4.08
106.669	1.77782	40	4315.1	8250.11	4.05
106.836	1.7806	40	4321.8	8250.19	4.02
107.003	1.78338	40	4328.5	8250.25	4.00
107.169	1.78615	40	4335.1	8250.3	3.97
107.336	1.78893	40	4341.8	8250.35	3.94
107.503	1.79171	40	4348.5	8250.39	3.91
107.669	1.79449	40	4355.1	8250.43	3.89
107.836	1.79726	40	4361.8	8250.46	3.86
108.002	1.80004	40	4368.5	8250.5	3.83
108.169	1.80282	40	4375.1	8250.54	3.81
108.336	1.8056	40	4381.8	8250.57	3.78
108.503	1.80838	40	4388.5	8250.61	3.76
108.669	1.81115	40	4395.1	8250.65	3.73
108.836	1.81393	40	4401.8	8250.69	3.71
109.003	1.81671	40	4408.5	8250.73	3.68
109.169	1.81949	40	4415.1	8250.76	3.65
109.336	1.82227	40	4421.8	8250.8	3.63
109.502	1.82504	40	4428.5	8250.83	3.60
109.669	1.82782	40	4435.1	8250.86	3.58
109.836	1.8306	40	4441.8	8250.9	3.56
110.003	1.83338	40	4448.5	8250.93	3.53
110.169	1.83615	40	4455.1	8250.96	3.51
110.336	1.83893	40	4461.8	8251	3.48
110.503	1.84171	40	4468.5	8251.03	3.46
110.669	1.84449	40	4475.1	8251.06	3.44
110.836	1.84726	40	4481.8	8251.09	3.41
111.002	1.85004	40	4488.5	8251.11	3.39
111.169	1.85282	40	4495.1	8251.14	3.37
111.336	1.8556	40	4501.8	8251.16	3.35
111.503	1.85838	40	4508.5	8251.18	3.32
111.669	1.86115	40	4515.1	8251.19	3.30
111.836	1.86393	40	4521.8	8251.21	3.28
112.003	1.86671	40	4528.5	8251.23	3.26
112.169	1.86949	40	4535.1	8251.25	3.23
112.336	1.87227	40	4541.8	8251.28	3.21

112.502	1.87504	40	4548.5	8251.3	3.19
112.669	1.87782	40	4555.1	8251.32	3.17
112.836	1.8806	40	4561.8	8251.34	3.15
113.003	1.88338	40	4568.5	8251.36	3.13
113.169	1.88615	40	4575.1	8251.38	3.11
113.336	1.88893	40	4581.8	8251.4	3.09
113.503	1.89171	40	4588.5	8251.42	3.07
113.669	1.89449	40	4595.1	8251.44	3.04
113.836	1.89727	40	4601.8	8251.46	3.02
114.002	1.90004	40	4608.5	8251.48	3.00
114.169	1.90282	40	4615.1	8251.49	2.98
114.336	1.9056	40	4621.8	8251.51	2.97
114.503	1.90838	40	4628.5	8251.52	2.95
114.669	1.91115	40	4635.1	8251.57	2.93
114.836	1.91393	40	4641.8	8251.6	2.91
115.003	1.91671	40	4648.5	8251.63	2.89
115.169	1.91949	40	4655.1	8251.64	2.87
115.336	1.92226	40	4661.8	8251.66	2.85
115.502	1.92504	40	4668.5	8251.67	2.83
115.669	1.92782	40	4675.1	8251.68	2.81
115.836	1.9306	40	4681.8	8251.68	2.79
116.003	1.93338	40	4688.5	8251.68	2.78
116.169	1.93615	40	4695.1	8251.68	2.76
116.336	1.93893	40	4701.8	8251.68	2.74
116.503	1.94171	40	4708.5	8251.69	2.72
116.669	1.94449	40	4715.1	8251.69	2.70
116.836	1.94726	40	4721.8	8251.7	2.69
117.002	1.95004	40	4728.5	8251.7	2.67
117.169	1.95282	40	4735.1	8251.71	2.65
117.336	1.9556	40	4741.8	8251.71	2.64
117.503	1.95838	40	4748.5	8251.72	2.62
117.669	1.96115	40	4755.1	8251.72	2.60
117.836	1.96393	40	4761.8	8251.72	2.59
118.003	1.96671	40	4768.5	8251.73	2.57
118.169	1.96949	40	4775.1	8251.73	2.55
118.336	1.97226	40	4781.8	8251.73	2.54
118.502	1.97504	40	4788.5	8251.73	2.52
118.669	1.97782	40	4795.1	8251.73	2.50
118.836	1.9806	40	4801.8	8251.73	2.49
119.003	1.98338	40	4808.5	8251.73	2.47

119.169	1.98615	40	4815.1	8251.73	2.46
119.336	1.98893	40	4821.8	8251.73	2.44
119.503	1.99171	40	4828.5	8251.73	2.43
119.669	1.99449	40	4835.1	8251.72	2.41
119.836	1.99726	40	4841.8	8251.72	2.40
120.002	2.00004	40	4848.5	8251.72	2.38
120.169	2.00282	40	4855.1	8251.71	2.37
120.336	2.0056	40	4861.8	8251.71	2.35
120.503	2.00838	40	4868.5	8251.7	2.34
120.669	2.01115	40	4875.1	8251.7	2.32
120.836	2.01393	40	4881.8	8251.69	2.31
121.003	2.01671	40	4888.5	8251.69	2.29
121.169	2.01949	40	4895.1	8251.68	2.28
121.336	2.02226	40	4901.8	8251.68	2.26
121.502	2.02504	40	4908.5	8251.66	2.25
121.669	2.02782	40	4915.1	8251.64	2.24
121.836	2.0306	40	4921.8	8251.62	2.22
122.003	2.03338	40	4928.5	8251.63	2.21
122.169	2.03615	40	4935.1	8251.63	2.20
122.336	2.03893	40	4941.8	8251.63	2.18
122.503	2.04171	40	4948.5	8251.63	2.17
122.669	2.04449	40	4955.1	8251.62	2.16
122.836	2.04726	40	4961.8	8251.61	2.14
123.002	2.05004	40	4968.5	8251.59	2.13
123.169	2.05282	40	4975.1	8251.58	2.12
123.336	2.0556	40	4981.8	8251.57	2.10
123.503	2.05838	40	4988.5	8251.56	2.09
123.669	2.06115	40	4995.1	8251.54	2.08
123.836	2.06393	40	5001.8	8251.53	2.07
124.003	2.06671	40	5008.5	8251.51	2.05
124.169	2.06949	40	5015.1	8251.5	2.04
124.336	2.07226	40	5021.8	8251.48	2.03
124.502	2.07504	40	5028.5	8251.47	2.02
124.669	2.07782	40	5035.1	8251.45	2.01
124.836	2.0806	40	5041.8	8251.44	1.99
125.003	2.08338	40	5048.5	8251.42	1.98
125.169	2.08615	40	5055.1	8251.4	1.97
125.336	2.08893	40	5061.8	8251.39	1.96
125.503	2.09171	40	5068.5	8251.37	1.95
125.669	2.09449	40	5075.1	8251.35	1.94

125.836	2.09726	40	5081.8	8251.33	1.93
126.002	2.10004	40	5088.5	8251.32	1.92
126.169	2.10282	40	5095.1	8251.3	1.90
126.336	2.1056	40	5101.8	8251.28	1.89
126.503	2.10838	40	5108.5	8251.26	1.88
126.669	2.11115	40	5115.1	8251.24	1.87
126.836	2.11393	40	5121.8	8251.22	1.86
127.003	2.11671	40	5128.5	8251.2	1.85
127.169	2.11949	40	5135.1	8251.18	1.84
127.336	2.12226	40	5141.8	8251.17	1.83
127.502	2.12504	40	5148.5	8251.16	1.82
127.669	2.12782	40	5155.1	8251.13	1.81
127.836	2.1306	40	5161.8	8251.1	1.80
128.003	2.13338	40	5168.5	8251.08	1.79
128.169	2.13615	40	5175.1	8251.05	1.78
128.336	2.13893	40	5181.8	8251.03	1.77
128.503	2.14171	40	5188.5	8251	1.76
128.669	2.14449	40	5195.1	8250.98	1.75
128.836	2.14727	40	5201.8	8250.95	1.74
129.002	2.15004	40	5208.5	8250.93	1.73
129.169	2.15282	40	5215.1	8250.91	1.72
129.336	2.1556	40	5221.8	8250.88	1.71
129.503	2.15838	40	5228.5	8250.86	1.70
129.669	2.16115	40	5235.1	8250.83	1.69
129.836	2.16393	40	5241.8	8250.81	1.68
130.003	2.16671	40	5248.5	8250.78	1.67
130.169	2.16949	40	5255.1	8250.76	1.67
130.336	2.17226	40	5261.8	8250.73	1.66
130.502	2.17504	40	5268.5	8250.71	1.65
130.669	2.17782	40	5275.1	8250.68	1.64
130.836	2.1806	40	5281.8	8250.65	1.63
131.003	2.18338	40	5288.5	8250.63	1.62
131.169	2.18615	40	5295.1	8250.6	1.61
131.336	2.18893	40	5301.8	8250.57	1.60
131.503	2.19171	40	5308.5	8250.55	1.60
131.669	2.19449	40	5315.1	8250.52	1.59
131.836	2.19726	40	5321.8	8250.49	1.58
132.002	2.20004	40	5328.5	8250.46	1.57
132.169	2.20282	40	5335.1	8250.44	1.56
132.336	2.2056	40	5341.8	8250.42	1.55

132.503	2.20838	40	5348.5	8250.39	1.55
132.669	2.21115	40	5355.1	8250.37	1.54
132.836	2.21393	40	5361.8	8250.34	1.53
133.003	2.21671	40	5368.5	8250.31	1.52
133.169	2.21949	40	5375.1	8250.28	1.52
133.336	2.22226	40	5381.8	8250.25	1.51
133.502	2.22504	40	5388.5	8250.22	1.50
133.669	2.22782	40	5395.1	8250.19	1.49
133.836	2.2306	40	5401.8	8250.15	1.49
134.003	2.23338	40	5408.5	8250.12	1.48
134.169	2.23615	40	5415.1	8250.08	1.47
134.336	2.23893	40	5421.8	8250.04	1.46
134.503	2.24171	40	5428.5	8250	1.46
134.669	2.24449	40	5435.1	8249.97	1.45
134.836	2.24727	40	5441.8	8249.94	1.44
135.002	2.25004	40	5448.5	8249.91	1.43
135.169	2.25282	40	5455.1	8249.88	1.43
135.336	2.2556	40	5461.8	8249.85	1.42
135.503	2.25838	40	5468.5	8249.81	1.41
135.669	2.26115	40	5475.1	8249.78	1.41
135.836	2.26393	40	5481.8	8249.75	1.40
136.003	2.26671	40	5488.5	8249.72	1.39
136.169	2.26949	40	5495.1	8249.68	1.39
136.336	2.27226	40	5501.8	8249.64	1.38
136.502	2.27504	40	5508.5	8249.6	1.37
136.669	2.27782	40	5515.1	8249.57	1.37
136.836	2.2806	40	5521.8	8249.53	1.36
137.003	2.28338	40	5528.5	8249.5	1.35
137.169	2.28615	40	5535.1	8249.46	1.35
137.336	2.28893	40	5541.8	8249.43	1.34
137.503	2.29171	40	5548.5	8249.4	1.34
137.669	2.29449	40	5555.1	8249.36	1.33
137.836	2.29726	40	5561.8	8249.33	1.32
138.002	2.30004	40	5568.5	8249.29	1.32
138.169	2.30282	40	5575.1	8249.26	1.31
138.336	2.3056	40	5581.8	8249.22	1.31
138.503	2.30838	40	5588.5	8249.18	1.30
138.669	2.31115	40	5595.1	8249.14	1.29
138.836	2.31393	40	5601.8	8249.11	1.29
139.003	2.31671	40	5608.5	8249.07	1.28

139.169	2.31949	40	5615.1	8249.03	1.28
139.336	2.32226	40	5621.8	8249	1.27
139.502	2.32504	40	5628.5	8248.96	1.27
139.669	2.32782	40	5635.1	8248.93	1.26
139.836	2.3306	40	5641.8	8248.89	1.25
140.003	2.33338	40	5648.5	8248.86	1.25
140.169	2.33615	40	5655.1	8248.82	1.24
140.336	2.33893	40	5661.8	8248.78	1.24
140.503	2.34171	40	5668.5	8248.74	1.23
140.669	2.34449	40	5675.1	8248.7	1.23
140.836	2.34726	40	5681.8	8248.66	1.22
141.002	2.35004	40	5688.5	8248.62	1.22
141.169	2.35282	40	5695.1	8248.59	1.21
141.336	2.3556	40	5701.8	8248.55	1.21
141.503	2.35838	40	5708.5	8248.51	1.20
141.669	2.36115	40	5715.1	8248.48	1.20
141.836	2.36393	40	5721.8	8248.44	1.19
142.003	2.36671	40	5728.5	8248.41	1.19
142.169	2.36949	40	5735.1	8248.37	1.18
142.336	2.37226	40	5741.8	8248.33	1.18
142.502	2.37504	40	5748.5	8248.3	1.17
142.669	2.37782	40	5755.1	8248.25	1.17
142.836	2.3806	40	5761.8	8248.21	1.16
143.003	2.38338	40	5768.5	8248.17	1.16
143.169	2.38615	40	5775.1	8248.13	1.15
143.336	2.38893	40	5781.8	8248.09	1.15
143.503	2.39171	40	5788.5	8248.05	1.15
143.669	2.39449	40	5795.1	8248.01	1.14
143.836	2.39726	40	5801.8	8247.97	1.14
144.002	2.40004	40	5808.5	8247.93	1.13
144.169	2.40282	40	5815.1	8247.89	1.13
144.336	2.4056	40	5821.8	8247.85	1.12
144.503	2.40838	40	5828.5	8247.81	1.12
144.669	2.41115	40	5835.1	8247.77	1.11
144.836	2.41393	40	5841.8	8247.73	1.11
145.003	2.41671	40	5848.5	8247.68	1.11
145.169	2.41949	40	5855.1	8247.64	1.10
145.336	2.42226	40	5861.8	8247.6	1.10
145.502	2.42504	40	5868.5	8247.56	1.09
145.669	2.42782	40	5875.1	8247.52	1.09

145.836	2.4306	40	5881.8	8247.48	1.09
146.003	2.43338	40	5888.5	8247.44	1.08
146.169	2.43615	40	5895.1	8247.4	1.08
146.336	2.43893	40	5901.8	8247.36	1.07
146.503	2.44171	40	5908.5	8247.32	1.07
146.669	2.44449	40	5915.1	8247.28	1.07
146.836	2.44726	40	5921.8	8247.24	1.06
147.002	2.45004	40	5928.5	8247.19	1.06
147.169	2.45282	40	5935.1	8247.15	1.06
147.336	2.4556	40	5941.8	8247.11	1.05
147.503	2.45838	40	5948.5	8247.06	1.05
147.669	2.46115	40	5955.1	8247.02	1.04
147.836	2.46393	40	5961.8	8246.98	1.04
148.003	2.46671	40	5968.5	8246.94	1.04
148.169	2.46949	40	5975.1	8246.9	1.03
148.336	2.47226	40	5981.8	8246.86	1.03
148.502	2.47504	40	5988.5	8246.82	1.03
148.669	2.47782	40	5995.1	8246.78	1.02
148.836	2.4806	40	6001.8	8246.74	1.02
149.003	2.48338	40	6008.5	8246.69	1.02
149.169	2.48615	40	6015.1	8246.64	1.01
149.336	2.48893	40	6021.8	8246.6	1.01
149.503	2.49171	40	6028.5	8246.56	1.01
149.669	2.49449	40	6035.1	8246.51	1.00
149.836	2.49726	40	6041.8	8246.47	1.00
150.002	2.50004	40	6048.5	8246.43	1.00
150.169	2.50282	40	6055.1	8246.39	0.99
150.336	2.5056	40	6061.8	8246.35	0.99
150.503	2.50838	40	6068.5	8246.31	0.99
150.669	2.51115	40	6075.1	8246.26	0.98
150.836	2.51393	40	6081.8	8246.22	0.98
151.003	2.51671	40	6088.5	8246.18	0.98
151.169	2.51949	40	6095.1	8246.13	0.97
151.336	2.52226	40	6101.8	8246.08	0.97
151.502	2.52504	40	6108.5	8246.04	0.97
151.669	2.52782	40	6115.1	8246	0.97
151.836	2.5306	40	6121.8	8245.95	0.96
152.003	2.53338	40	6128.5	8245.91	0.96
152.169	2.53615	40	6135.1	8245.87	0.96
152.336	2.53893	40	6141.8	8245.83	0.95

152.503	2.54171	40	6148.5	8245.78	0.95
152.669	2.54449	40	6155.1	8245.74	0.95
152.836	2.54726	40	6161.8	8245.7	0.95
153.002	2.55004	40	6168.5	8245.66	0.94
153.169	2.55282	40	6175.1	8245.61	0.94
153.336	2.5556	40	6181.8	8245.56	0.94
153.503	2.55838	40	6188.5	8245.52	0.93
153.669	2.56115	40	6195.1	8245.47	0.93
153.836	2.56393	40	6201.8	8245.43	0.93
154.003	2.56671	40	6208.5	8245.39	0.93
154.169	2.56949	40	6215.1	8245.34	0.92
154.336	2.57226	40	6221.8	8245.3	0.92
154.502	2.57504	40	6228.5	8245.26	0.92
154.669	2.57782	40	6235.1	8245.22	0.92
154.836	2.5806	40	6241.8	8245.17	0.91
155.003	2.58338	40	6248.5	8245.13	0.91
155.169	2.58615	40	6255.1	8245.08	0.91
155.336	2.58893	40	6261.8	8245.04	0.91
155.503	2.59171	40	6268.5	8245	0.90
155.669	2.59449	40	6275.1	8244.95	0.90
155.836	2.59726	40	6281.8	8244.9	0.90
156.002	2.60004	40	6288.5	8244.86	0.90
156.169	2.60282	40	6295.1	8244.81	0.89
156.336	2.6056	40	6301.8	8244.77	0.89
156.503	2.60838	40	6308.5	8244.72	0.89
156.669	2.61115	40	6315.1	8244.68	0.89
156.836	2.61393	40	6321.8	8244.64	0.89
157.003	2.61671	40	6328.5	8244.59	0.88
157.169	2.61949	40	6335.1	8244.55	0.88
157.336	2.62226	40	6341.8	8244.51	0.88
157.502	2.62504	40	6348.5	8244.46	0.88
157.669	2.62782	40	6355.1	8244.42	0.87
157.836	2.6306	40	6361.8	8244.37	0.87
158.003	2.63338	40	6368.5	8244.33	0.87
158.169	2.63615	40	6375.1	8244.29	0.87
158.336	2.63893	40	6381.8	8244.24	0.87
158.503	2.64171	40	6388.5	8244.2	0.86
158.669	2.64449	40	6395.1	8244.15	0.86
158.836	2.64727	40	6401.8	8244.11	0.86
159.002	2.65004	40	6408.5	8244.06	0.86

159.169	2.65282	40	6415.1	8244.01	0.86
159.336	2.6556	40	6421.8	8243.96	0.85
159.503	2.65838	40	6428.5	8243.92	0.85
159.669	2.66115	40	6435.1	8243.87	0.85
159.836	2.66393	40	6441.8	8243.83	0.85
160.003	2.66671	40	6448.5	8243.78	0.85
160.169	2.66949	40	6455.1	8243.74	0.84
160.336	2.67226	40	6461.8	8243.69	0.84
160.502	2.67504	40	6468.5	8243.65	0.84
160.669	2.67782	40	6475.1	8243.61	0.84
160.836	2.6806	40	6481.8	8243.56	0.84
161.003	2.68338	40	6488.5	8243.52	0.83
161.169	2.68615	40	6495.1	8243.47	0.83
161.336	2.68893	40	6501.8	8243.43	0.83
161.503	2.69171	40	6508.5	8243.39	0.83
161.669	2.69449	40	6515.1	8243.34	0.83
161.836	2.69726	40	6521.8	8243.3	0.83
162.002	2.70004	40	6528.5	8243.25	0.82
162.169	2.70282	40	6535.1	8243.21	0.82
162.336	2.7056	40	6541.8	8243.16	0.82
162.503	2.70838	40	6548.5	8243.12	0.82
162.669	2.71115	40	6555.1	8243.06	0.82
162.836	2.71393	40	6561.8	8243.02	0.82
163.003	2.71671	40	6568.5	8242.97	0.81
163.169	2.71949	40	6575.1	8242.93	0.81
163.336	2.72226	40	6581.8	8242.89	0.81
163.502	2.72504	40	6588.5	8242.85	0.81
163.669	2.72782	40	6595.1	8242.8	0.81
163.836	2.7306	40	6601.8	8242.76	0.81
164.003	2.73338	40	6608.5	8242.72	0.80
164.169	2.73615	40	6615.1	8242.67	0.80
164.336	2.73893	40	6621.8	8242.63	0.80
164.503	2.74171	40	6628.5	8242.58	0.80
164.669	2.74449	40	6635.1	8242.54	0.80
164.836	2.74727	40	6641.8	8242.49	0.80
165.002	2.75004	40	6648.5	8242.45	0.80
165.169	2.75282	40	6655.1	8242.4	0.79
165.336	2.7556	40	6661.8	8242.36	0.79
165.503	2.75838	40	6668.5	8242.31	0.79
165.669	2.76115	40	6675.1	8242.27	0.79

165.836	2.76393	40	6681.8	8242.23	0.79
166.003	2.76671	40	6688.5	8242.18	0.79
166.169	2.76949	40	6695.1	8242.13	0.79
166.336	2.77226	40	6701.8	8242.08	0.78
166.502	2.77504	40	6708.5	8242.03	0.78
166.669	2.77782	40	6715.1	8241.99	0.78
166.836	2.7806	40	6721.8	8241.94	0.78
167.003	2.78338	40	6728.5	8241.9	0.78
167.169	2.78615	40	6735.1	8241.85	0.78
167.336	2.78893	40	6741.8	8241.81	0.78
167.503	2.79171	40	6748.5	8241.76	0.78
167.669	2.79449	40	6755.1	8241.72	0.77
167.836	2.79726	40	6761.8	8241.68	0.77
168.002	2.80004	40	6768.5	8241.63	0.77
168.169	2.80282	40	6775.1	8241.59	0.77
168.336	2.8056	40	6781.8	8241.55	0.77
168.502	2.80837	40	6788.4	8241.5	0.77
168.669	2.81115	40	6795.1	8241.46	0.77
168.836	2.81393	40	6801.8	8241.41	0.77
169.003	2.81671	40	6808.5	8241.37	0.76
169.169	2.81949	40	6815.1	8241.33	0.76
169.336	2.82226	40	6821.8	8241.28	0.76
169.502	2.82504	40	6828.5	8241.24	0.76
169.669	2.82782	40	6835.1	8241.19	0.76
169.836	2.8306	40	6841.8	8241.14	0.76
170.002	2.83337	40	6848.4	8241.09	0.76
170.169	2.83615	40	6855.1	8241.05	0.76
170.336	2.83893	40	6861.8	8241	0.75
170.503	2.84171	40	6868.5	8240.96	0.75
170.669	2.84449	40	6875.1	8240.91	0.75
170.836	2.84726	40	6881.8	8240.87	0.75
171.002	2.85004	40	6888.5	8240.83	0.75
171.169	2.85282	40	6895.1	8240.78	0.75
171.336	2.8556	40	6901.8	8240.74	0.75
171.502	2.85837	40	6908.4	8240.7	0.75
171.669	2.86115	40	6915.1	8240.65	0.75
171.836	2.86393	40	6921.8	8240.61	0.75
172.003	2.86671	40	6928.5	8240.57	0.74
172.169	2.86949	40	6935.1	8240.52	0.74
172.336	2.87226	40	6941.8	8240.48	0.74

172.502	2.87504	40	6948.5	8240.43	0.74
172.669	2.87782	40	6955.1	8240.39	0.74
172.836	2.8806	40	6961.8	8240.35	0.74
173.003	2.88338	40	6968.5	8240.3	0.74
173.169	2.88615	40	6975.1	8240.25	0.74
173.336	2.88893	40	6981.8	8240.2	0.74
173.503	2.89171	40	6988.5	8240.16	0.74
173.669	2.89449	40	6995.1	8240.11	0.73
173.836	2.89726	40	7001.8	8240.07	0.73
174.002	2.90004	40	7008.5	8240.03	0.73
174.169	2.90282	40	7015.1	8239.98	0.73
174.336	2.9056	40	7021.8	8239.94	0.73
174.502	2.90837	40	7028.4	8239.9	0.73
174.669	2.91115	40	7035.1	8239.85	0.73
174.836	2.91393	40	7041.8	8239.81	0.73
175.003	2.91671	40	7048.5	8239.77	0.73
175.169	2.91949	40	7055.1	8239.73	0.73
175.336	2.92226	40	7061.8	8239.68	0.73
175.502	2.92504	40	7068.5	8239.64	0.72
175.669	2.92782	40	7075.1	8239.6	0.72
175.836	2.9306	40	7081.8	8239.55	0.72
176.002	2.93337	40	7088.4	8239.51	0.72
176.169	2.93615	40	7095.1	8239.47	0.72
176.336	2.93893	40	7101.8	8239.42	0.72
176.503	2.94171	40	7108.5	8239.38	0.72
176.669	2.94449	40	7115.1	8239.34	0.72
176.836	2.94726	40	7121.8	8239.28	0.72
177.002	2.95004	40	7128.5	8239.24	0.72
177.169	2.95282	40	7135.1	8239.19	0.72
177.336	2.9556	40	7141.8	8239.15	0.72
177.502	2.95837	40	7148.4	8239.11	0.72
177.669	2.96115	40	7155.1	8239.06	0.71
177.836	2.96393	40	7161.8	8239.02	0.71
178.003	2.96671	40	7168.5	8238.98	0.71
178.169	2.96949	40	7175.1	8238.94	0.71
178.336	2.97226	40	7181.8	8238.89	0.71
178.502	2.97504	40	7188.5	8238.85	0.71
178.669	2.97782	40	7195.1	8238.81	0.71
178.836	2.9806	40	7201.8	8238.77	0.71
179.003	2.98338	40	7208.5	8238.73	0.71

179.169	2.98615	40	7215.1	8238.68	0.71
179.336	2.98893	40	7221.8	8238.64	0.71
179.503	2.99171	40	7228.5	8238.6	0.71
179.669	2.99449	40	7235.1	8238.55	0.71
179.836	2.99726	40	7241.8	8238.51	0.71
180.002	3.00004	40	7248.5	8238.47	0.70
180.169	3.00282	40	7255.1	8238.43	0.70
180.336	3.0056	40	7261.8	8238.38	0.70
180.503	3.00838	40	7268.5	8238.33	0.70
180.669	3.01115	40	7275.1	8238.29	0.70
180.836	3.01393	40	7281.8	8238.24	0.70
181.003	3.01671	40	7288.5	8238.2	0.70
181.169	3.01949	40	7295.1	8238.16	0.70
181.336	3.02226	40	7301.8	8238.12	0.70
181.502	3.02504	40	7308.5	8238.07	0.70
181.669	3.02782	40	7315.1	8238.03	0.70
181.836	3.0306	40	7321.8	8237.99	0.70
182.002	3.03337	40	7328.4	8237.95	0.70
182.169	3.03615	40	7335.1	8237.91	0.70
182.336	3.03893	40	7341.8	8237.87	0.70
182.503	3.04171	40	7348.5	8237.82	0.69
182.669	3.04449	40	7355.1	8237.78	0.69
182.836	3.04726	40	7361.8	8237.74	0.69
183.002	3.05004	40	7368.5	8237.7	0.69
183.169	3.05282	40	7375.1	8237.66	0.69
183.336	3.0556	40	7381.8	8237.61	0.69
183.502	3.05837	40	7388.4	8237.57	0.69
183.669	3.06115	40	7395.1	8237.53	0.69
183.836	3.06393	40	7401.8	8237.48	0.69
184.003	3.06671	40	7408.5	8237.44	0.69
184.169	3.06949	40	7415.1	8237.39	0.69
184.336	3.07226	40	7421.8	8237.35	0.69
184.502	3.07504	40	7428.5	8237.31	0.69
184.669	3.07782	40	7435.1	8237.26	0.69
184.836	3.0806	40	7441.8	8237.22	0.69
185.003	3.08338	40	7448.5	8237.18	0.69
185.169	3.08615	40	7455.1	8237.14	0.69
185.336	3.08893	40	7461.8	8237.1	0.69
185.503	3.09171	40	7468.5	8237.06	0.69
185.669	3.09449	40	7475.1	8237.02	0.68

185.836	3.09726	40	7481.8	8236.98	0.68
186.002	3.10004	40	7488.5	8236.94	0.68
186.169	3.10282	40	7495.1	8236.89	0.68
186.336	3.1056	40	7501.8	8236.85	0.68
186.503	3.10838	40	7508.5	8236.81	0.68
186.669	3.11115	40	7515.1	8236.77	0.68
186.836	3.11393	40	7521.8	8236.73	0.68
187.003	3.11671	40	7528.5	8236.69	0.68
187.169	3.11949	40	7535.1	8236.65	0.68
187.336	3.12226	40	7541.8	8236.61	0.68
187.502	3.12504	40	7548.5	8236.56	0.68
187.669	3.12782	40	7555.1	8236.51	0.68
187.836	3.1306	40	7561.8	8236.47	0.68
188.003	3.13338	40	7568.5	8236.43	0.68
188.169	3.13615	40	7575.1	8236.39	0.68
188.336	3.13893	40	7581.8	8236.35	0.68
188.503	3.14171	40	7588.5	8236.3	0.68
188.669	3.14449	40	7595.1	8236.26	0.68
188.836	3.14726	40	7601.8	8236.22	0.68
189.002	3.15004	40	7608.5	8236.18	0.68
189.169	3.15282	40	7615.1	8236.14	0.67
189.336	3.1556	40	7621.8	8236.1	0.67
189.502	3.15837	40	7628.4	8236.06	0.67
189.669	3.16115	40	7635.1	8236.02	0.67
189.836	3.16393	40	7641.8	8235.98	0.67
190.003	3.16671	40	7648.5	8235.94	0.67
190.169	3.16949	40	7655.1	8235.9	0.67
190.336	3.17226	40	7661.8	8235.86	0.67
190.502	3.17504	40	7668.5	8235.82	0.67
190.669	3.17782	40	7675.1	8235.78	0.67
190.836	3.1806	40	7681.8	8235.74	0.67
191.003	3.18338	40	7688.5	8235.7	0.67
191.169	3.18615	40	7695.1	8235.66	0.67
191.336	3.18893	40	7701.8	8235.62	0.67
191.503	3.19171	40	7708.5	8235.58	0.67
191.669	3.19449	40	7715.1	8235.54	0.67
191.836	3.19726	40	7721.8	8235.5	0.67
192.002	3.20004	40	7728.5	8235.45	0.67
192.169	3.20282	40	7735.1	8235.41	0.67
192.336	3.2056	40	7741.8	8235.36	0.67

192.503	3.20838	40	7748.5	8235.32	0.67
192.669	3.21115	40	7755.1	8235.28	0.67
192.836	3.21393	40	7761.8	8235.24	0.67
193.003	3.21671	40	7768.5	8235.2	0.67
193.169	3.21949	40	7775.1	8235.16	0.67
193.336	3.22226	40	7781.8	8235.12	0.67
193.502	3.22504	40	7788.5	8235.08	0.67
193.669	3.22782	40	7795.1	8235.05	0.66
193.836	3.2306	40	7801.8	8235	0.66
194.003	3.23338	40	7808.5	8234.97	0.66
194.169	3.23615	40	7815.1	8234.93	0.66
194.336	3.23893	40	7821.8	8234.89	0.66
194.503	3.24171	40	7828.5	8234.85	0.66
194.669	3.24449	40	7835.1	8234.81	0.66
194.836	3.24726	40	7841.8	8234.77	0.66
195.002	3.25004	40	7848.5	8234.73	0.66
195.169	3.25282	40	7855.1	8234.69	0.66
195.336	3.2556	40	7861.8	8234.65	0.66
195.503	3.25838	40	7868.5	8234.61	0.66
195.669	3.26115	40	7875.1	8234.57	0.66
195.836	3.26393	40	7881.8	8234.53	0.66
196.003	3.26671	40	7888.5	8234.49	0.66
196.169	3.26949	40	7895.1	8234.45	0.66
196.336	3.27226	40	7901.8	8234.41	0.66
196.502	3.27504	40	7908.5	8234.37	0.66
196.669	3.27782	40	7915.1	8234.33	0.66
196.836	3.2806	40	7921.8	8234.3	0.66
197.003	3.28338	40	7928.5	8234.26	0.66
197.169	3.28615	40	7935.1	8234.22	0.66
197.336	3.28893	40	7941.8	8234.18	0.66
197.503	3.29171	40	7948.5	8234.14	0.66
197.669	3.29449	40	7955.1	8234.1	0.66
197.836	3.29726	40	7961.8	8234.06	0.66
198.002	3.30004	40	7968.5	8234.02	0.66
198.169	3.30282	40	7975.1	8233.98	0.66
198.336	3.3056	40	7981.8	8233.94	0.66
198.502	3.30837	40	7988.4	8233.9	0.66
198.669	3.31115	40	7995.1	8233.86	0.66
198.836	3.31393	40	8001.8	8233.83	0.66
199.003	3.31671	40	8008.5	8233.79	0.66

199.169	3.31949	40	8015.1	8233.75	0.66
199.336	3.32226	40	8021.8	8233.71	0.65
199.502	3.32504	40	8028.5	8233.67	0.65
199.669	3.32782	40	8035.1	8233.63	0.65
199.836	3.3306	40	8041.8	8233.59	0.65
200.002	3.33337	40	8048.4	8233.55	0.65
200.169	3.33615	40	8055.1	8233.51	0.65
200.336	3.33893	40	8061.8	8233.48	0.65
200.503	3.34171	40	8068.5	8233.44	0.65
200.669	3.34449	40	8075.1	8233.4	0.65
200.836	3.34726	40	8081.8	8233.36	0.65
201.002	3.35004	40	8088.5	8233.32	0.65
201.169	3.35282	40	8095.1	8233.27	0.65
201.336	3.3556	40	8101.8	8233.23	0.65
201.502	3.35837	40	8108.4	8233.18	0.65
201.669	3.36115	40	8115.1	8233.14	0.65
201.836	3.36393	40	8121.8	8233.1	0.65
202.003	3.36671	40	8128.5	8233.07	0.65
202.169	3.36949	40	8135.1	8233.03	0.65
202.336	3.37226	40	8141.8	8232.99	0.65
202.502	3.37504	40	8148.5	8232.95	0.65
202.669	3.37782	40	8155.1	8232.91	0.65
202.836	3.3806	40	8161.8	8232.88	0.65
203.003	3.38338	40	8168.5	8232.84	0.65
203.169	3.38615	40	8175.1	8232.8	0.65
203.336	3.38893	40	8181.8	8232.76	0.65
203.503	3.39171	40	8188.5	8232.73	0.65
203.669	3.39449	40	8195.1	8232.69	0.65
203.836	3.39726	40	8201.8	8232.65	0.65
204.002	3.40004	40	8208.5	8232.61	0.65
204.169	3.40282	40	8215.1	8232.57	0.65
204.336	3.4056	40	8221.8	8232.54	0.65
204.502	3.40837	40	8228.4	8232.5	0.65
204.669	3.41115	40	8235.1	8232.46	0.65
204.836	3.41393	40	8241.8	8232.42	0.65
205.003	3.41671	40	8248.5	8232.39	0.65
205.169	3.41949	40	8255.1	8232.35	0.65
205.336	3.42226	40	8261.8	8232.31	0.65
205.502	3.42504	40	8268.5	8232.27	0.65
205.669	3.42782	40	8275.1	8232.24	0.65

205.836	3.4306	40	8281.8	8232.2	0.65
206.002	3.43337	40	8288.4	8232.16	0.65
206.169	3.43615	40	8295.1	8232.13	0.65
206.336	3.43893	40	8301.8	8232.09	0.65
206.503	3.44171	40	8308.5	8232.05	0.65
206.669	3.44449	40	8315.1	8232.01	0.65
206.836	3.44726	40	8321.8	8231.98	0.65
207.002	3.45004	40	8328.5	8231.94	0.65
207.169	3.45282	40	8335.1	8231.9	0.65
207.336	3.4556	40	8341.8	8231.86	0.65
207.502	3.45837	40	8348.4	8231.83	0.64
207.669	3.46115	40	8355.1	8231.79	0.64
207.836	3.46393	40	8361.8	8231.75	0.64
208.003	3.46671	40	8368.5	8231.72	0.64
208.169	3.46949	40	8375.1	8231.68	0.64
208.336	3.47226	40	8381.8	8231.64	0.64
208.502	3.47504	40	8388.5	8231.61	0.64
208.669	3.47782	40	8395.1	8231.57	0.64
208.836	3.4806	40	8401.8	8231.53	0.64
209.003	3.48338	40	8408.5	8231.5	0.64
209.169	3.48615	40	8415.1	8231.46	0.64
209.336	3.48893	40	8421.8	8231.42	0.64
209.503	3.49171	40	8428.5	8231.39	0.64
209.669	3.49449	40	8435.1	8231.35	0.64
209.836	3.49726	40	8441.8	8231.31	0.64
210.002	3.50004	40	8448.5	8231.28	0.64
210.169	3.50282	40	8455.1	8231.24	0.64
210.336	3.5056	40	8461.8	8231.2	0.64
210.503	3.50838	40	8468.5	8231.17	0.64
210.669	3.51115	40	8475.1	8231.13	0.64
210.836	3.51393	40	8481.8	8231.09	0.64
211.003	3.51671	40	8488.5	8231.06	0.64
211.169	3.51949	40	8495.1	8231.02	0.64
211.336	3.52226	40	8501.8	8230.97	0.64
211.502	3.52504	40	8508.5	8230.93	0.64
211.669	3.52782	40	8515.1	8230.89	0.64
211.836	3.5306	40	8521.8	8230.85	0.64
212.002	3.53337	40	8528.4	8230.82	0.64
212.169	3.53615	40	8535.1	8230.78	0.64
212.336	3.53893	40	8541.8	8230.75	0.64

212.503	3.54171	40	8548.5	8230.71	0.64
212.669	3.54449	40	8555.1	8230.67	0.64
212.836	3.54726	40	8561.8	8230.64	0.64
213.002	3.55004	40	8568.5	8230.6	0.64
213.169	3.55282	40	8575.1	8230.57	0.64
213.336	3.5556	40	8581.8	8230.53	0.64
213.502	3.55837	40	8588.4	8230.5	0.64
213.669	3.56115	40	8595.1	8230.46	0.64
213.836	3.56393	40	8601.8	8230.43	0.64
214.003	3.56671	40	8608.5	8230.39	0.64
214.169	3.56949	40	8615.1	8230.35	0.64
214.336	3.57226	40	8621.8	8230.32	0.64
214.502	3.57504	40	8628.5	8230.28	0.64
214.669	3.57782	40	8635.1	8230.25	0.64
214.836	3.5806	40	8641.8	8230.21	0.64
215.003	3.58338	40	8648.5	8230.18	0.64
215.169	3.58615	40	8655.1	8230.14	0.64
215.336	3.58893	40	8661.8	8230.11	0.64
215.503	3.59171	40	8668.5	8230.07	0.64
215.669	3.59449	40	8675.1	8230.04	0.64
215.836	3.59726	40	8681.8	8230	0.64
216.002	3.60004	40	8688.5	8229.97	0.64
216.169	3.60282	40	8695.1	8229.93	0.64
216.336	3.6056	40	8701.8	8229.9	0.64
216.503	3.60838	40	8708.5	8229.86	0.64
216.669	3.61115	40	8715.1	8229.83	0.64
216.836	3.61393	40	8721.8	8229.79	0.64
217.003	3.61671	40	8728.5	8229.76	0.64
217.169	3.61949	40	8735.1	8229.72	0.64
217.336	3.62226	40	8741.8	8229.69	0.64
217.502	3.62504	40	8748.5	8229.65	0.64
217.669	3.62782	40	8755.1	8229.62	0.64
217.836	3.6306	40	8761.8	8229.58	0.64
218.003	3.63338	40	8768.5	8229.55	0.64
218.169	3.63615	40	8775.1	8229.51	0.64
218.336	3.63893	40	8781.8	8229.48	0.64
218.503	3.64171	40	8788.5	8229.44	0.64
218.669	3.64449	40	8795.1	8229.41	0.64
218.836	3.64726	40	8801.8	8229.37	0.64
219.002	3.65004	40	8808.5	8229.34	0.64

219.169	3.65282	40	8815.1	8229.3	0.64
219.336	3.6556	40	8821.8	8229.27	0.64
219.502	3.65837	40	8828.4	8229.24	0.64
219.669	3.66115	40	8835.1	8229.2	0.64
219.836	3.66393	40	8841.8	8229.17	0.64
220.003	3.66671	40	8848.5	8229.13	0.64
220.169	3.66949	40	8855.1	8229.1	0.64
220.336	3.67226	40	8861.8	8229.06	0.64
220.502	3.67504	40	8868.5	8229.03	0.64
220.669	3.67782	40	8875.1	8228.99	0.64
220.836	3.6806	40	8881.8	8228.96	0.64
221.003	3.68338	40	8888.5	8228.93	0.64
221.169	3.68615	40	8895.1	8228.89	0.64
221.336	3.68893	40	8901.8	8228.86	0.64
221.503	3.69171	40	8908.5	8228.81	0.64
221.669	3.69449	40	8915.1	8228.77	0.63
221.836	3.69726	40	8921.8	8228.74	0.63
222.002	3.70004	40	8928.5	8228.7	0.63
222.169	3.70282	40	8935.1	8228.67	0.63
222.336	3.7056	40	8941.8	8228.63	0.63
222.503	3.70838	40	8948.5	8228.6	0.63
222.669	3.71115	40	8955.1	8228.57	0.63
222.836	3.71393	40	8961.8	8228.53	0.63
223.003	3.71671	40	8968.5	8228.5	0.63
223.169	3.71949	40	8975.1	8228.46	0.63
223.336	3.72226	40	8981.8	8228.43	0.63
223.502	3.72504	40	8988.5	8228.4	0.63
223.669	3.72782	40	8995.1	8228.36	0.63
223.836	3.7306	40	9001.8	8228.33	0.63
224.003	3.73338	40	9008.5	8228.3	0.63
224.169	3.73615	40	9015.1	8228.26	0.63
224.336	3.73893	40	9021.8	8228.23	0.63
224.503	3.74171	40	9028.5	8228.2	0.63
224.669	3.74449	40	9035.1	8228.16	0.63
224.836	3.74726	40	9041.8	8228.13	0.63
225.002	3.75004	40	9048.5	8228.1	0.63
225.169	3.75282	40	9055.1	8228.06	0.63
225.336	3.7556	40	9061.8	8228.03	0.63
225.503	3.75838	40	9068.5	8228	0.63
225.669	3.76115	40	9075.1	8227.97	0.63

225.836	3.76393	40	9081.8	8227.93	0.63
226.003	3.76671	40	9088.5	8227.9	0.63
226.169	3.76949	40	9095.1	8227.87	0.63
226.336	3.77226	40	9101.8	8227.83	0.63
226.502	3.77504	40	9108.5	8227.8	0.63
226.669	3.77782	40	9115.1	8227.77	0.63
226.836	3.7806	40	9121.8	8227.73	0.63
227.003	3.78338	40	9128.5	8227.7	0.63
227.169	3.78615	40	9135.1	8227.67	0.63
227.336	3.78893	40	9141.8	8227.64	0.63
227.503	3.79171	40	9148.5	8227.6	0.63
227.669	3.79449	40	9155.1	8227.57	0.63
227.836	3.79726	40	9161.8	8227.54	0.63
228.002	3.80004	40	9168.5	8227.5	0.63
228.169	3.80282	40	9175.1	8227.47	0.63
228.336	3.8056	40	9181.8	8227.44	0.63
228.502	3.80837	40	9188.4	8227.41	0.63
228.669	3.81115	40	9195.1	8227.37	0.63
228.836	3.81393	40	9201.8	8227.34	0.63
229.003	3.81671	40	9208.5	8227.31	0.63
229.169	3.81949	40	9215.1	8227.27	0.63
229.336	3.82226	40	9221.8	8227.24	0.63
229.502	3.82504	40	9228.5	8227.21	0.63
229.669	3.82782	40	9235.1	8227.18	0.63
229.836	3.8306	40	9241.8	8227.15	0.63
230.002	3.83337	40	9248.4	8227.11	0.63
230.169	3.83615	40	9255.1	8227.08	0.63
230.336	3.83893	40	9261.8	8227.05	0.63
230.503	3.84171	40	9268.5	8227.01	0.63
230.669	3.84449	40	9275.1	8226.98	0.63
230.836	3.84726	40	9281.8	8226.95	0.63
231.002	3.85004	40	9288.5	8226.92	0.63
231.169	3.85282	40	9295.1	8226.89	0.63
231.336	3.8556	40	9301.8	8226.85	0.63
231.502	3.85837	40	9308.4	8226.82	0.63
231.669	3.86115	40	9315.1	8226.78	0.63
231.836	3.86393	40	9321.8	8226.74	0.63
232.003	3.86671	40	9328.5	8226.71	0.63
232.169	3.86949	40	9335.1	8226.67	0.63
232.336	3.87226	40	9341.8	8226.64	0.63

232.502	3.87504	40	9348.5	8226.61	0.63
232.669	3.87782	40	9355.1	8226.58	0.63
232.836	3.8806	40	9361.8	8226.55	0.63
233.003	3.88338	40	9368.5	8226.51	0.63
233.169	3.88615	40	9375.1	8226.48	0.63
233.336	3.88893	40	9381.8	8226.45	0.63
233.503	3.89171	40	9388.5	8226.42	0.63
233.669	3.89449	40	9395.1	8226.39	0.63
233.836	3.89726	40	9401.8	8226.36	0.63
234.002	3.90004	40	9408.5	8226.32	0.63
234.169	3.90282	40	9415.1	8226.29	0.63
234.336	3.9056	40	9421.8	8226.26	0.63
234.502	3.90837	40	9428.4	8226.23	0.63
234.669	3.91115	40	9435.1	8226.2	0.63
234.836	3.91393	40	9441.8	8226.17	0.63
235.003	3.91671	40	9448.5	8226.14	0.63
235.169	3.91949	40	9455.1	8226.1	0.63
235.336	3.92226	40	9461.8	8226.07	0.63
235.502	3.92504	40	9468.5	8226.04	0.63
235.669	3.92782	40	9475.1	8226.01	0.63
235.836	3.9306	40	9481.8	8225.98	0.63
236.002	3.93337	40	9488.4	8225.95	0.63
236.169	3.93615	40	9495.1	8225.92	0.63
236.336	3.93893	40	9501.8	8225.89	0.63
236.503	3.94171	40	9508.5	8225.85	0.63
236.669	3.94449	40	9515.1	8225.82	0.63
236.836	3.94726	40	9521.8	8225.79	0.63
237.002	3.95004	40	9528.5	8225.76	0.63
237.169	3.95282	40	9535.1	8225.73	0.63
237.336	3.9556	40	9541.8	8225.7	0.63
237.502	3.95837	40	9548.4	8225.67	0.63
237.669	3.96115	40	9555.1	8225.64	0.63
237.836	3.96393	40	9561.8	8225.61	0.63
238.003	3.96671	40	9568.5	8225.58	0.63
238.169	3.96949	40	9575.1	8225.55	0.63
238.336	3.97226	40	9581.8	8225.51	0.63
238.502	3.97504	40	9588.5	8225.48	0.63
238.669	3.97782	40	9595.1	8225.45	0.63
238.836	3.9806	40	9601.8	8225.42	0.63
239.003	3.98338	40	9608.5	8225.39	0.63

239.169	3.98615	40	9615.1	8225.36	0.63
239.336	3.98893	40	9621.8	8225.33	0.63
239.503	3.99171	40	9628.5	8225.3	0.63
239.669	3.99449	40	9635.1	8225.27	0.63
239.836	3.99726	40	9641.8	8225.24	0.63
240.002	4.00004	40	9648.5	8225.21	0.63

Underground Exchange, 10,000 stbo/d, 16.4 (500) followed by 14.2

Time min	Time hours	Pump Rate bpm	Volume pumped bbls	WHP psia	Flow down bbls	Kill Volume (bbls)
0	0	0	0	3013.3	0.00	
0.169	0.00282047	50	8.5	3055.26	0.70	
0.336	0.00559825	50	16.8	3087.51	3.58	
0.503	0.00837603	50	25.1	3117.17	8.30	
0.669	0.0111538	50	33.5	3149.67	13.95	
0.836	0.0139316	50	41.8	3185.14	19.97	
1.003	0.0167094	50	50.1	3224.08	26.10	
1.169	0.0194871	50	58.5	3265.22	32.22	
1.336	0.0222649	50	66.8	3309.94	38.31	
1.503	0.0250427	50	75.1	3357.82	44.33	
1.669	0.0278205	50	83.5	3408	50.28	
1.836	0.0305983	50	91.8	3460.31	56.16	
2.003	0.033376	50	100.1	3519.22	61.95	
2.169	0.0361538	50	108.5	3579.1	67.66	
2.336	0.0389316	50	116.8	3643.06	73.28	
2.503	0.0417094	50	125.1	3707.4	78.81	
2.669	0.0444871	50	133.5	3778.48	84.25	
2.836	0.0472649	50	141.8	3849.95	89.60	
3.003	0.0500427	50	150.1	3917.08	94.87	
3.169	0.0528205	50	158.5	3959.91	100.09	
3.336	0.0555983	50	166.8	3974.6	105.30	
3.503	0.058376	50	175.1	3959.78	110.53	
3.669	0.0611538	50	183.5	3928.61	115.79	
3.836	0.0639316	50	191.8	3889.31	121.11	
4.003	0.0667094	50	200.1	3849.69	126.47	
4.169	0.0694871	50	208.5	3814.67	131.88	
4.336	0.0722649	50	216.8	3780.74	137.33	
4.503	0.0750427	50	225.1	3751.39	142.82	
4.669	0.0778205	50	233.5	3721.6	148.35	
4.836	0.0805983	50	241.8	3693.02	153.91	
5.003	0.083376	40	248.5	3667.05	159.51	
5.169	0.0861538	40	255.1	3614.09	163.51	
5.336	0.0889316	40	261.8	3586.12	167.54	
5.503	0.0917094	40	268.5	3562.39	171.60	
5.669	0.0944871	40	275.1	3539.72	175.70	

5.836	0.0972649	40	281.8	3518.23	179.84
6.003	0.100043	40	288.5	3499.17	184.01
6.169	0.10282	40	295.1	3478.58	188.20
6.336	0.105598	40	301.8	3458.11	192.43
6.503	0.108376	40	308.5	3439.1	196.69
6.669	0.111154	40	315.1	3418.07	200.98
6.836	0.113932	40	321.8	3397.01	205.31
7.003	0.116709	40	328.5	3377.14	209.66
7.169	0.119487	40	335.1	3355.76	214.05
7.336	0.122265	40	341.8	3334.13	218.48
7.503	0.125043	40	348.5	3313.61	222.94
7.669	0.12782	40	355.1	3291.95	227.44
7.836	0.130598	40	361.8	3269.88	231.97
8.003	0.133376	40	368.5	3248.91	236.54
8.169	0.136154	40	375.1	3226.94	241.15
8.336	0.138932	40	381.8	3204.51	245.80
8.503	0.141709	40	388.5	3183.34	250.49
8.669	0.144487	40	395.1	3160.83	255.22
8.836	0.147265	40	401.8	3138.03	260.00
9.003	0.150043	40	408.5	3116.74	264.82
9.169	0.15282	40	415.1	3093.65	269.68
9.336	0.155598	40	421.8	3070.47	274.60
9.503	0.158376	40	428.5	3048.99	279.55
9.669	0.161154	40	435.1	3025.58	284.57
9.836	0.163932	40	441.8	3002.29	289.63
10.003	0.166709	40	448.5	2980.49	294.74
10.169	0.169487	40	455.1	2956.95	299.91
10.336	0.172265	40	461.8	2934.77	305.14
10.503	0.175043	40	468.5	2911.66	310.42
10.669	0.17782	40	475.1	2889.09	315.77
10.836	0.180598	40	481.8	2866.63	321.18
11.003	0.183376	40	488.5	2843.96	326.66
11.169	0.186154	40	495.1	2822.42	332.21
11.336	0.188932	40	501.8	2780.84	337.04
11.503	0.191709	40	508.5	2762.95	342.35
11.669	0.194487	40	515.1	2746.63	348.18
11.836	0.197265	40	521.8	2733.91	354.23
12.003	0.200043	40	528.5	2721.27	360.32
12.169	0.20282	40	535.1	2711.03	366.39
12.336	0.205598	40	541.8	2702.41	372.45

12.503	0.208376	40	548.5	2694.95	378.52
12.669	0.211154	40	555.1	2689.17	384.61
12.836	0.213932	40	561.8	2684.41	390.72
13.003	0.216709	40	568.5	2679.88	396.86
13.169	0.219487	40	575.1	2675.1	403.04
13.336	0.222265	40	581.8	2670.64	409.25
13.503	0.225043	40	588.5	2649.15	415.82
13.669	0.22782	40	595.1	2655.22	422.20
13.836	0.230598	40	601.8	2655.44	428.58
14.003	0.233376	40	608.5	2656.85	434.94
14.169	0.236154	40	615.1	2656.95	441.29
14.336	0.238932	40	621.8	2655.29	447.67
14.503	0.241709	40	628.5	2649.02	454.15
14.669	0.244487	40	635.1	2648.47	460.65
14.836	0.247265	40	641.8	2648.4	467.15
15.003	0.250043	40	648.5	2648.34	473.65
15.169	0.25282	40	655.1	2646.18	480.21
15.336	0.255598	40	661.8	2646.98	486.74
15.503	0.258376	40	668.5	2647.9	493.25
15.669	0.261154	40	675.1	2648.85	499.74
15.836	0.263932	40	681.8	2648.45	506.22
16.003	0.266709	40	688.5	2649.98	512.68
16.169	0.269487	40	695.1	2650.82	519.13
16.336	0.272265	40	701.8	2653.97	525.51
16.503	0.275043	40	708.5	2654.71	531.89
16.669	0.277821	40	715.1	2656.8	538.22
16.836	0.280598	40	721.8	2659.79	544.53
17.003	0.283376	40	728.5	2662.22	550.81
17.169	0.286154	40	735.1	2664.2	557.07
17.336	0.288932	40	741.8	2666.86	563.29
17.503	0.291709	40	748.5	2668.93	569.51
17.669	0.294487	40	755.1	2672.98	575.68
17.836	0.297265	40	761.8	2675.76	581.83
18.003	0.300043	40	768.5	2678.74	587.96
18.169	0.302821	40	775.1	2682.61	594.06
18.336	0.305598	40	781.8	2685.97	600.13
18.503	0.308376	40	788.5	2689.19	606.18
18.669	0.311154	40	795.1	2692.6	612.21
18.836	0.313932	40	801.8	2696.39	618.21
19.003	0.316709	40	808.5	2700.41	624.18

19.169	0.319487	40	815.1	2703.72	630.14
19.336	0.322265	40	821.8	2707.65	636.08
19.503	0.325043	40	828.5	2711.58	641.98
19.669	0.327821	40	835.1	2715.16	647.88
19.836	0.330598	40	841.8	2719.12	653.74
20.003	0.333376	40	848.5	2722.92	659.59
20.169	0.336154	40	855.1	2726.43	665.42
20.336	0.338932	40	861.8	2730.35	671.23
20.503	0.341709	40	868.5	2734.05	677.02
20.669	0.344487	40	875.1	2737.73	682.80
20.836	0.347265	40	881.8	2741.31	688.56
21.003	0.350043	40	888.5	2744.79	694.30
21.169	0.352821	40	895.1	2748.31	700.02
21.336	0.355598	40	901.8	2751.58	705.73
21.503	0.358376	40	908.5	2754.77	711.43
21.669	0.361154	40	915.1	2757.93	717.11
21.836	0.363932	40	921.8	2761.12	722.78
22.003	0.366709	40	928.5	2764.1	728.44
22.169	0.369487	40	935.1	2766.88	734.08
22.336	0.372265	40	941.8	2769.55	739.72
22.503	0.375043	40	948.5	2772.08	745.34
22.669	0.377821	40	955.1	2774.53	750.95
22.836	0.380598	40	961.8	2776.63	756.56
23.003	0.383376	40	968.5	2778.77	762.15
23.169	0.386154	40	975.1	2780.72	767.74
23.336	0.388932	40	981.8	2782.57	773.32
23.503	0.391709	40	988.5	2784.18	778.90
23.669	0.394487	40	995.1	2785.7	784.47
23.836	0.397265	40	1001.8	2787.1	790.03
24.003	0.400043	40	1008.5	2788.31	795.59
24.169	0.402821	40	1015.1	2789.5	801.15
24.336	0.405598	40	1021.8	2790.47	806.70
24.503	0.408376	40	1028.5	2791.34	812.25
24.669	0.411154	40	1035.1	2792.12	817.79
24.836	0.413932	40	1041.8	2792.79	823.33
25.003	0.416709	40	1048.5	2793.46	828.87
25.169	0.419487	40	1055.1	2793.84	834.41
25.336	0.422265	40	1061.8	2794.29	839.95
25.503	0.425043	40	1068.5	2794.69	845.48
25.669	0.427821	40	1075.1	2795.14	851.02

25.836	0.430598	40	1081.8	2795.25	856.55
26.003	0.433376	40	1088.5	2795.4	862.08
26.169	0.436154	40	1095.1	2795.44	867.62
26.336	0.438932	40	1101.8	2795.63	873.15
26.503	0.441709	40	1108.5	2795.84	878.68
26.669	0.444487	40	1115.1	2795.86	884.21
26.836	0.447265	40	1121.8	2795.9	889.74
27.003	0.450043	40	1128.5	2795.99	895.27
27.169	0.452821	40	1135.1	2796	900.80
27.336	0.455598	40	1141.8	2795.81	906.33
27.503	0.458376	40	1148.5	2795.57	911.87
27.669	0.461154	40	1155.1	2795.46	917.40
27.836	0.463932	40	1161.8	2795.52	922.93
28.003	0.466709	40	1168.5	2795.5	928.46
28.169	0.469487	40	1175.1	2795.59	934.00
28.336	0.472265	40	1181.8	2795.66	939.53
28.503	0.475043	40	1188.5	2795.9	945.06
28.669	0.477821	40	1195.1	2796.12	950.59
28.836	0.480598	40	1201.8	2796.07	956.12
29.003	0.483376	40	1208.5	2795.89	961.65
29.169	0.486154	40	1215.1	2795.67	967.18
29.336	0.488932	40	1221.8	2795.66	972.71
29.503	0.491709	40	1228.5	2795.68	978.24
29.669	0.494487	40	1235.1	2795.72	983.78
29.836	0.497265	40	1241.8	2795.77	989.31
30.003	0.500043	40	1248.5	2795.7	994.84
30.169	0.502821	40	1255.1	2795.73	1000.37
30.336	0.505598	40	1261.8	2795.69	1005.90
30.503	0.508376	40	1268.5	2795.69	1011.43
30.669	0.511154	40	1275.1	2795.75	1016.97
30.836	0.513932	40	1281.8	2795.74	1022.50
31.003	0.516709	40	1288.5	2795.72	1028.03
31.169	0.519487	40	1295.1	2795.71	1033.56
31.336	0.522265	40	1301.8	2795.77	1039.09
31.503	0.525043	40	1308.5	2795.69	1044.62
31.669	0.527821	40	1315.1	2795.72	1050.16
31.836	0.530598	40	1321.8	2795.73	1055.69
32.003	0.533376	40	1328.5	2795.7	1061.22
32.169	0.536154	40	1335.1	2795.7	1066.75
32.336	0.538932	40	1341.8	2795.72	1072.28

32.503	0.541709	40	1348.5	2795.74	1077.81
32.669	0.544487	40	1355.1	2795.74	1083.34
32.836	0.547265	40	1361.8	2795.67	1088.88
33.003	0.550043	40	1368.5	2795.66	1094.41
33.169	0.552821	40	1375.1	2795.66	1099.94
33.336	0.555598	40	1381.8	2795.68	1105.47
33.503	0.558376	40	1388.5	2795.72	1111.00
33.669	0.561154	40	1395.1	2795.73	1116.54
33.836	0.563932	40	1401.8	2795.69	1122.07
34.003	0.566709	40	1408.5	2795.67	1127.60
34.169	0.569487	40	1415.1	2795.65	1133.13
34.336	0.572265	40	1421.8	2795.66	1138.66
34.503	0.575043	40	1428.5	2795.64	1144.19
34.669	0.577821	40	1435.1	2795.67	1149.73
34.836	0.580598	40	1441.8	2795.68	1155.26
35.003	0.583376	40	1448.5	2795.68	1160.79
35.169	0.586154	40	1455.1	2795.66	1166.32
35.336	0.588932	40	1461.8	2795.67	1171.85
35.503	0.591709	40	1468.5	2795.65	1177.38
35.669	0.594487	40	1475.1	2795.69	1182.92
35.836	0.597265	40	1481.8	2795.67	1188.45
36.003	0.600043	40	1488.5	2795.67	1193.98
36.169	0.602821	40	1495.1	2795.66	1199.51
36.336	0.605598	40	1501.8	2795.64	1205.04
36.503	0.608376	40	1508.5	2795.66	1210.57
36.669	0.611154	40	1515.1	2795.68	1216.11
36.836	0.613932	40	1521.8	2795.68	1221.64
37.003	0.616709	40	1528.5	2795.66	1227.17
37.169	0.619487	40	1535.1	2795.66	1232.70
37.336	0.622265	40	1541.8	2795.67	1238.23
37.503	0.625043	40	1548.5	2795.69	1243.77
37.669	0.627821	40	1555.1	2795.68	1249.30
37.836	0.630598	40	1561.8	2795.67	1254.83
38.003	0.633376	40	1568.5	2795.67	1260.36
38.169	0.636154	40	1575.1	2795.69	1265.89
38.336	0.638932	40	1581.8	2795.68	1271.42
38.503	0.641709	40	1588.5	2795.66	1276.95
38.669	0.644487	40	1595.1	2795.66	1282.49
38.836	0.647265	40	1601.8	2795.68	1288.02
39.003	0.650043	40	1608.5	2795.68	1293.55

39.169	0.652821	40	1615.1	2795.68	1299.08
39.336	0.655598	40	1621.8	2795.69	1304.61
39.503	0.658376	40	1628.5	2795.7	1310.14
39.669	0.661154	40	1635.1	2795.69	1315.68
39.836	0.663932	40	1641.8	2795.69	1321.21
40.003	0.666709	40	1648.5	2795.7	1326.74
40.169	0.669487	40	1655.1	2795.7	1332.27
40.336	0.672265	40	1661.8	2795.7	1337.80
40.503	0.675043	40	1668.5	2795.69	1343.34
40.669	0.677821	40	1675.1	2795.71	1348.87
40.836	0.680598	40	1681.8	2795.72	1354.40
41.003	0.683376	40	1688.5	2795.72	1359.93
41.169	0.686154	40	1695.1	2795.71	1365.46
41.336	0.688932	40	1701.8	2795.72	1370.99
41.503	0.691709	40	1708.5	2795.73	1376.52
41.669	0.694487	40	1715.1	2795.73	1382.06
41.836	0.697265	40	1721.8	2795.73	1387.59
42.003	0.700043	40	1728.5	2795.73	1393.12
42.169	0.702821	40	1735.1	2795.73	1398.65
42.336	0.705598	40	1741.8	2795.74	1404.18
42.503	0.708376	40	1748.5	2795.74	1409.71
42.669	0.711154	40	1755.1	2795.74	1415.24
42.836	0.713932	40	1761.8	2795.76	1420.78
43.003	0.716709	40	1768.5	2795.75	1426.31
43.169	0.719487	40	1775.1	2795.76	1431.84
43.336	0.722265	40	1781.8	2795.76	1437.37
43.503	0.725043	40	1788.5	2795.76	1442.90
43.669	0.727821	40	1795.1	2795.77	1448.43
43.836	0.730598	40	1801.8	2795.77	1453.96
44.003	0.733376	40	1808.5	2795.78	1459.50
44.169	0.736154	40	1815.1	2795.78	1465.03
44.336	0.738932	40	1821.8	2795.78	1470.56
44.503	0.741709	40	1828.5	2795.79	1476.09
44.669	0.744487	40	1835.1	2795.79	1481.62
44.836	0.747265	40	1841.8	2795.8	1487.15
45.003	0.750043	40	1848.5	2795.8	1492.68
45.169	0.752821	40	1855.1	2795.81	1498.22
45.336	0.755598	40	1861.8	2795.81	1503.74
45.503	0.758376	40	1868.5	2795.82	1509.28
45.669	0.761154	40	1875.1	2795.83	1514.81

45.836	0.763932	40	1881.8	2795.83	1520.34
46.003	0.766709	40	1888.5	2795.84	1525.87
46.169	0.769487	40	1895.1	2795.84	1531.40
46.336	0.772265	40	1901.8	2795.84	1536.93
46.503	0.775043	40	1908.5	2795.85	1542.46
46.669	0.777821	40	1915.1	2795.86	1548.00
46.836	0.780598	40	1921.8	2795.86	1553.52
47.003	0.783376	40	1928.5	2795.87	1559.06
47.169	0.786154	40	1935.1	2795.87	1564.59
47.336	0.788932	40	1941.8	2795.88	1570.12
47.503	0.791709	40	1948.5	2795.89	1575.65
47.669	0.794487	40	1955.1	2795.89	1581.18
47.836	0.797265	40	1961.8	2795.9	1586.71
48.003	0.800043	40	1968.5	2795.9	1592.24
48.169	0.802821	40	1975.1	2795.91	1597.77
48.336	0.805598	40	1981.8	2795.92	1603.30
48.503	0.808376	40	1988.5	2795.92	1608.83
48.669	0.811154	40	1995.1	2795.93	1614.36
48.836	0.813932	40	2001.8	2795.93	1619.90
49.003	0.816709	40	2008.5	2795.94	1625.43
49.169	0.819487	40	2015.1	2795.94	1630.96
49.336	0.822265	40	2021.8	2795.95	1636.49
49.503	0.825043	40	2028.5	2795.95	1642.02
49.669	0.827821	40	2035.1	2795.97	1647.55
49.836	0.830598	40	2041.8	2795.96	1653.08
50.003	0.833376	40	2048.5	2795.98	1658.61
50.169	0.836154	40	2055.1	2795.98	1664.14
50.336	0.838932	40	2061.8	2795.98	1669.67
50.503	0.841709	40	2068.5	2796	1675.20
50.669	0.844487	40	2075.1	2795.99	1680.73
50.836	0.847265	40	2081.8	2796	1686.26
51.003	0.850043	40	2088.5	2796.01	1691.79
51.169	0.852821	40	2095.1	2796.02	1697.32
51.336	0.855598	40	2101.8	2796.01	1702.85
51.503	0.858376	40	2108.5	2796.03	1708.38
51.669	0.861154	40	2115.1	2796.04	1713.91
51.836	0.863932	40	2121.8	2796.04	1719.45
52.003	0.866709	40	2128.5	2796.03	1724.97
52.169	0.869487	40	2135.1	2796.04	1730.51
52.336	0.872265	40	2141.8	2796.05	1736.04

52.503	0.875043	40	2148.5	2796.07	1741.57
52.669	0.877821	40	2155.1	2796.07	1747.10
52.836	0.880598	40	2161.8	2796.05	1752.63
53.003	0.883376	40	2168.5	2796.06	1758.16
53.169	0.886154	40	2175.1	2796.09	1763.69
53.336	0.888932	40	2181.8	2796.07	1769.22
53.503	0.891709	40	2188.5	2796.05	1774.75
53.669	0.894487	40	2195.1	2796.09	1780.28
53.836	0.897265	40	2201.8	2796.08	1785.81
54.003	0.900043	40	2208.5	2796.09	1791.34
54.169	0.902821	40	2215.1	2796.11	1796.87
54.336	0.905598	40	2221.8	2796.1	1802.40
54.503	0.908376	40	2228.5	2796.08	1807.93
54.669	0.911154	40	2235.1	2796.07	1813.46
54.836	0.913932	40	2241.8	2796.12	1818.99
55.003	0.916709	40	2248.5	2796.14	1824.52
55.169	0.919487	40	2255.1	2796.12	1830.05
55.336	0.922265	40	2261.8	2796.13	1835.58
55.503	0.925043	40	2268.5	2796.12	1841.11
55.669	0.927821	40	2275.1	2796.11	1846.64
55.836	0.930598	40	2281.8	2796.12	1852.17
56.003	0.933376	40	2288.5	2796.11	1857.70
56.169	0.936154	40	2295.1	2796.12	1863.23
56.336	0.938932	40	2301.8	2796.14	1868.76
56.503	0.941709	40	2308.5	2796.13	1874.29
56.669	0.944487	40	2315.1	2796.11	1879.82
56.836	0.947265	40	2321.8	2796.1	1885.35
57.003	0.950043	40	2328.5	2796.15	1890.88
57.169	0.952821	40	2335.1	2796.16	1896.41
57.336	0.955598	40	2341.8	2796.15	1901.94
57.503	0.958376	40	2348.5	2796.12	1907.47
57.669	0.961154	40	2355.1	2796.15	1913.00
57.836	0.963932	40	2361.8	2796.14	1918.53
58.003	0.966709	40	2368.5	2796.14	1924.06
58.169	0.969487	40	2375.1	2796.15	1929.59
58.336	0.972265	40	2381.8	2796.18	1935.12
58.503	0.975043	40	2388.5	2796.15	1940.65
58.669	0.977821	40	2395.1	2796.14	1946.18
58.836	0.980598	40	2401.8	2796.14	1951.71
59.003	0.983376	40	2408.5	2796.13	1957.24

59.169	0.986154	40	2415.1	2796.15	1962.77
59.336	0.988932	40	2421.8	2796.14	1968.30
59.503	0.991709	40	2428.5	2796.15	1973.83
59.669	0.994487	40	2435.1	2796.15	1979.36
59.836	0.997265	40	2441.8	2796.21	1984.89
60.002	1.00004	40	2448.5	2796.19	1990.41
60.169	1.00282	40	2455.1	2796.22	1995.95
60.336	1.0056	40	2461.8	2796.17	2001.48
60.503	1.00838	40	2468.5	2796.14	2007.02
60.669	1.01115	40	2475.1	2796.2	2012.53
60.836	1.01393	40	2481.8	2796.16	2018.06
61.003	1.01671	40	2488.5	2796.21	2023.60
61.169	1.01949	40	2495.1	2796.18	2029.13
61.336	1.02227	40	2501.8	2796.17	2034.67
61.502	1.02504	40	2508.5	2796.16	2040.18
61.669	1.02782	40	2515.1	2796.23	2045.71
61.836	1.0306	40	2521.8	2796.17	2051.25
62.003	1.03338	40	2528.5	2796.16	2056.78
62.169	1.03615	40	2535.1	2796.22	2062.30
62.336	1.03893	40	2541.8	2796.21	2067.83
62.503	1.04171	40	2548.5	2796.2	2073.37
62.669	1.04449	40	2555.1	2796.2	2078.90
62.836	1.04726	40	2561.8	2796.2	2084.41
63.002	1.05004	40	2568.5	2796.16	2089.95
63.169	1.05282	40	2575.1	2796.16	2095.48
63.336	1.0556	40	2581.8	2796.15	2101.02
63.503	1.05838	40	2588.5	2796.19	2106.55
63.669	1.06115	40	2595.1	2796.22	2112.07
63.836	1.06393	40	2601.8	2796.2	2117.60
64.003	1.06671	40	2608.5	2796.18	2123.13
64.169	1.06949	40	2615.1	2796.18	2128.67
64.336	1.07227	40	2621.8	2796.2	2134.20
64.502	1.07504	40	2628.5	2796.17	2139.72
64.669	1.07782	40	2635.1	2796.22	2145.25
64.836	1.0806	40	2641.8	2796.18	2150.79
65.003	1.08338	40	2648.5	2796.17	2156.32
65.169	1.08615	40	2655.1	2796.2	2161.83
65.336	1.08893	40	2661.8	2796.16	2167.37
65.503	1.09171	40	2668.5	2796.17	2172.90
65.669	1.09449	40	2675.1	2796.17	2178.44

65.836	1.09726	40	2681.8	2796.15	2183.95
66.002	1.10004	40	2688.5	2796.21	2189.49
66.169	1.10282	40	2695.1	2796.17	2195.02
66.336	1.1056	40	2701.8	2796.21	2200.55
66.503	1.10838	40	2708.5	2796.21	2206.09
66.669	1.11115	40	2715.1	2796.16	2211.60
66.836	1.11393	40	2721.8	2796.16	2217.14
67.003	1.11671	40	2728.5	2796.2	2222.67
67.169	1.11949	40	2735.1	2796.14	2228.21
67.336	1.12227	40	2741.8	2796.16	2233.74
67.502	1.12504	40	2748.5	2796.22	2239.25
67.669	1.12782	40	2755.1	2796.18	2244.79
67.836	1.1306	40	2761.8	2796.18	2250.32
68.003	1.13338	40	2768.5	2796.2	2255.86
68.169	1.13615	40	2775.1	2796.19	2261.37
68.336	1.13893	40	2781.8	2796.15	2266.90
68.503	1.14171	40	2788.5	2796.19	2272.44
68.669	1.14449	40	2795.1	2796.22	2277.97
68.836	1.14727	40	2801.8	2796.19	2283.51
69.002	1.15004	40	2808.5	2796.21	2289.02
69.169	1.15282	40	2815.1	2796.19	2294.56
69.336	1.1556	40	2821.8	2796.17	2300.09
69.503	1.15838	40	2828.5	2796.17	2305.62
69.669	1.16115	40	2835.1	2796.22	2311.14
69.836	1.16393	40	2841.8	2796.24	2316.67
70.003	1.16671	40	2848.5	2796.19	2322.21
70.169	1.16949	40	2855.1	2796.16	2327.74
70.336	1.17227	40	2861.8	2796.14	2333.28
70.502	1.17504	40	2868.5	2796.15	2338.79
70.669	1.17782	40	2875.1	2796.2	2344.32
70.836	1.1806	40	2881.8	2796.19	2349.86
71.003	1.18338	40	2888.5	2796.23	2355.39
71.169	1.18615	40	2895.1	2796.22	2360.91
71.336	1.18893	40	2901.8	2796.17	2366.44
71.503	1.19171	40	2908.5	2796.2	2371.97
71.669	1.19449	40	2915.1	2796.19	2377.51
71.836	1.19727	40	2921.8	2796.18	2383.04
72.002	1.20004	40	2928.5	2796.19	2388.56
72.169	1.20282	40	2935.1	2796.18	2394.09
72.336	1.2056	40	2941.8	2796.21	2399.63

72.503	1.20838	40	2948.5	2796.15	2405.16
72.669	1.21115	40	2955.1	2796.17	2410.67
72.836	1.21393	40	2961.8	2796.18	2416.21
73.003	1.21671	40	2968.5	2796.21	2421.74
73.169	1.21949	40	2975.1	2796.17	2427.28
73.336	1.22226	40	2981.8	2796.25	2432.79
73.502	1.22504	40	2988.5	2796.16	2438.33
73.669	1.22782	40	2995.1	2796.18	2443.86
73.836	1.2306	40	3001.8	2796.18	2449.39
74.003	1.23338	40	3008.5	2796.2	2454.93
74.169	1.23615	40	3015.1	2796.19	2460.44
74.336	1.23893	40	3021.8	2796.18	2465.98
74.503	1.24171	40	3028.5	2796.24	2471.51
74.669	1.24449	40	3035.1	2796.22	2477.04
74.836	1.24726	40	3041.8	2796.2	2482.56
75.002	1.25004	40	3048.5	2796.2	2488.09
75.169	1.25282	40	3055.1	2796.15	2493.63
75.336	1.2556	40	3061.8	2796.15	2499.16
75.503	1.25838	40	3068.5	2796.2	2504.70
75.669	1.26115	40	3075.1	2796.25	2510.21
75.836	1.26393	40	3081.8	2796.22	2515.74
76.003	1.26671	40	3088.5	2796.19	2521.28
76.169	1.26949	40	3095.1	2796.2	2526.81
76.336	1.27227	40	3101.8	2796.2	2532.35
76.502	1.27504	40	3108.5	2796.18	2537.86
76.669	1.27782	40	3115.1	2796.17	2543.40
76.836	1.2806	40	3121.8	2796.17	2548.93
77.003	1.28338	40	3128.5	2796.16	2554.46
77.169	1.28615	40	3135.1	2796.16	2559.98
77.336	1.28893	40	3141.8	2796.17	2565.51
77.503	1.29171	40	3148.5	2796.18	2571.05
77.669	1.29449	40	3155.1	2796.19	2576.58
77.836	1.29726	40	3161.8	2796.21	2582.10
78.002	1.30004	40	3168.5	2796.2	2587.63
78.169	1.30282	40	3175.1	2796.22	2593.16
78.336	1.3056	40	3181.8	2796.16	2598.70
78.503	1.30838	40	3188.5	2796.16	2604.23
78.669	1.31115	40	3195.1	2796.19	2609.75
78.836	1.31393	40	3201.8	2796.18	2615.28
79.003	1.31671	40	3208.5	2796.21	2620.81

79.169	1.31949	40	3215.1	2796.19	2626.35
79.336	1.32227	40	3221.8	2796.19	2631.88
79.502	1.32504	40	3228.5	2796.17	2637.40
79.669	1.32782	40	3235.1	2796.23	2642.93
79.836	1.3306	40	3241.8	2796.2	2648.47
80.003	1.33338	40	3248.5	2796.18	2654.00
80.169	1.33615	40	3255.1	2796.15	2659.51
80.336	1.33893	40	3261.8	2796.19	2665.05
80.503	1.34171	40	3268.5	2796.15	2670.58
80.669	1.34449	40	3275.1	2796.17	2676.12
80.836	1.34726	40	3281.8	2796.17	2681.63
81.002	1.35004	40	3288.5	2796.17	2687.17
81.169	1.35282	40	3295.1	2796.19	2692.70
81.336	1.3556	40	3301.8	2796.23	2698.23
81.503	1.35838	40	3308.5	2796.2	2703.77
81.669	1.36115	40	3315.1	2796.19	2709.28
81.836	1.36393	40	3321.8	2796.2	2714.82
82.003	1.36671	40	3328.5	2796.22	2720.35
82.169	1.36949	40	3335.1	2796.19	2725.89
82.336	1.37227	40	3341.8	2796.18	2731.42
82.502	1.37504	40	3348.5	2796.18	2736.93
82.669	1.37782	40	3355.1	2796.18	2742.47
82.836	1.3806	40	3361.8	2796.17	2748.00
83.003	1.38338	40	3368.5	2796.18	2753.54
83.169	1.38615	40	3375.1	2796.2	2759.05
83.336	1.38893	40	3381.8	2796.16	2764.59
83.503	1.39171	40	3388.5	2796.18	2770.12
83.669	1.39449	40	3395.1	2796.21	2775.65
83.836	1.39727	40	3401.8	2796.17	2781.19
84.002	1.40004	40	3408.5	2796.21	2786.70
84.169	1.40282	40	3415.1	2796.22	2792.24
84.336	1.4056	40	3421.8	2796.17	2797.77
84.503	1.40838	40	3428.5	2796.17	2803.31
84.669	1.41115	40	3435.1	2796.23	2808.82
84.836	1.41393	40	3441.8	2796.2	2814.35
85.003	1.41671	40	3448.5	2796.19	2819.89
85.169	1.41949	40	3455.1	2796.25	2825.42
85.336	1.42226	40	3461.8	2796.17	2830.94
85.502	1.42504	40	3468.5	2796.17	2836.47
85.669	1.42782	40	3475.1	2796.18	2842.01

85.836	1.4306	40	3481.8	2796.19	2847.54
86.003	1.43338	40	3488.5	2796.2	2853.07
86.169	1.43615	40	3495.1	2796.25	2858.59
86.336	1.43893	40	3501.8	2796.22	2864.12
86.503	1.44171	40	3508.5	2796.19	2869.66
86.669	1.44449	40	3515.1	2796.23	2875.19
86.836	1.44726	40	3521.8	2796.22	2880.70
87.002	1.45004	40	3528.5	2796.2	2886.24
87.169	1.45282	40	3535.1	2796.18	2891.77
87.336	1.4556	40	3541.8	2796.17	2897.31
87.503	1.45838	40	3548.5	2796.14	2902.84
87.669	1.46115	40	3555.1	2796.2	2908.36
87.836	1.46393	40	3561.8	2796.19	2913.89
88.003	1.46671	40	3568.5	2796.18	2919.42
88.169	1.46949	40	3575.1	2796.17	2924.96
88.336	1.47226	40	3581.8	2796.18	2930.47
88.502	1.47504	40	3588.5	2796.19	2936.01
88.669	1.47782	40	3595.1	2796.17	2941.54
88.836	1.4806	40	3601.8	2796.19	2947.08
89.003	1.48338	40	3608.5	2796.19	2952.61
89.169	1.48615	40	3615.1	2796.21	2958.12
89.336	1.48893	40	3621.8	2796.2	2963.66
89.503	1.49171	40	3628.5	2796.18	2969.19
89.669	1.49449	40	3635.1	2796.2	2974.73
89.836	1.49726	40	3641.8	2796.16	2980.24
90.002	1.50004	40	3648.5	2796.17	2985.78
90.169	1.50282	40	3655.1	2796.24	2991.31
90.336	1.5056	40	3661.8	2796.21	2996.84
90.503	1.50838	40	3668.5	2796.23	3002.38
90.669	1.51115	40	3675.1	2796.17	3007.89
90.836	1.51393	40	3681.8	2796.21	3013.43
91.003	1.51671	40	3688.5	2796.21	3018.96
91.169	1.51949	40	3695.1	2796.18	3024.49
91.336	1.52227	40	3701.8	2796.22	3030.03
91.502	1.52504	40	3708.5	2796.19	3035.54
91.669	1.52782	40	3715.1	2796.19	3041.08
91.836	1.5306	40	3721.8	2796.14	3046.61
92.003	1.53338	40	3728.5	2796.18	3052.15
92.169	1.53615	40	3735.1	2796.17	3057.66
92.336	1.53893	40	3741.8	2796.2	3063.19

92.503	1.54171	40	3748.5	2796.18	3068.73
92.669	1.54449	40	3755.1	2796.18	3074.26
92.836	1.54726	40	3761.8	2796.24	3079.78
93.002	1.55004	40	3768.5	2796.22	3085.31
93.169	1.55282	40	3775.1	2796.21	3090.84
93.336	1.5556	40	3781.8	2796.18	3096.38
93.503	1.55838	40	3788.5	2796.21	3101.91
93.669	1.56115	40	3795.1	2796.15	3107.43
93.836	1.56393	40	3801.8	2796.16	3112.96
94.003	1.56671	40	3808.5	2796.18	3118.50
94.169	1.56949	40	3815.1	2796.23	3124.03
94.336	1.57227	40	3821.8	2796.2	3129.56
94.502	1.57504	40	3828.5	2796.17	3135.08
94.669	1.57782	40	3835.1	2796.14	3140.61
94.836	1.5806	40	3841.8	2796.19	3146.15
95.003	1.58338	40	3848.5	2796.2	3151.68
95.169	1.58615	40	3855.1	2796.21	3157.20
95.336	1.58893	40	3861.8	2796.2	3162.73
95.503	1.59171	40	3868.5	2796.2	3168.26
95.669	1.59449	40	3875.1	2796.24	3173.80
95.836	1.59726	40	3881.8	2796.18	3179.31
96.002	1.60004	40	3888.5	2796.21	3184.85
96.169	1.60282	40	3895.1	2796.18	3190.38
96.336	1.6056	40	3901.8	2796.18	3195.91
96.503	1.60838	40	3908.5	2796.16	3201.45
96.669	1.61115	40	3915.1	2796.21	3206.96
96.836	1.61393	40	3921.8	2796.16	3212.50
97.003	1.61671	40	3928.5	2796.2	3218.03
97.169	1.61949	40	3935.1	2796.17	3223.57
97.336	1.62227	40	3941.8	2796.2	3229.10
97.502	1.62504	40	3948.5	2796.15	3234.61
97.669	1.62782	40	3955.1	2796.17	3240.15
97.836	1.6306	40	3961.8	2796.23	3245.68
98.003	1.63338	40	3968.5	2796.21	3251.22
98.169	1.63615	40	3975.1	2796.18	3256.73
98.336	1.63893	40	3981.8	2796.19	3262.27
98.503	1.64171	40	3988.5	2796.17	3267.80
98.669	1.64449	40	3995.1	2796.18	3273.33
98.836	1.64727	40	4001.8	2796.18	3278.87
99.002	1.65004	40	4008.5	2796.2	3284.38

99.169	1.65282	40	4015.1	2796.23	3289.92
99.336	1.6556	40	4021.8	2796.15	3295.45
99.503	1.65838	40	4028.5	2796.19	3300.99
99.669	1.66115	40	4035.1	2796.17	3306.50
99.836	1.66393	40	4041.8	2796.17	3312.03
100.003	1.66671	40	4048.5	2796.15	3317.57
100.169	1.66949	40	4055.1	2796.2	3323.10
100.336	1.67227	40	4061.8	2796.25	3328.64
100.502	1.67504	40	4068.5	2796.18	3334.15
100.669	1.67782	40	4075.1	2796.18	3339.69
100.836	1.6806	40	4081.8	2796.14	3345.22
101.003	1.68338	40	4088.5	2796.2	3350.75
101.169	1.68615	40	4095.1	2796.22	3356.27
101.336	1.68893	40	4101.8	2796.19	3361.80
101.503	1.69171	40	4108.5	2796.25	3367.34
101.669	1.69449	40	4115.1	2796.21	3372.87
101.836	1.69727	40	4121.8	2796.22	3378.40
102.002	1.70004	40	4128.5	2796.16	3383.92
102.169	1.70282	40	4135.1	2796.22	3389.45
102.336	1.7056	40	4141.8	2796.17	3394.99
102.503	1.70838	40	4148.5	2796.18	3400.52
102.669	1.71115	40	4155.1	2796.21	3406.04
102.836	1.71393	40	4161.8	2796.17	3411.57
103.003	1.71671	40	4168.5	2796.18	3417.10
103.169	1.71949	40	4175.1	2796.21	3422.64
103.336	1.72226	40	4181.8	2796.19	3428.15
103.502	1.72504	40	4188.5	2796.19	3433.69
103.669	1.72782	40	4195.1	2796.15	3439.22
103.836	1.7306	40	4201.8	2796.18	3444.76
104.003	1.73338	40	4208.5	2796.17	3450.29
104.169	1.73615	40	4215.1	2796.16	3455.80
104.336	1.73893	40	4221.8	2796.2	3461.34
104.503	1.74171	40	4228.5	2796.21	3466.87
104.669	1.74449	40	4235.1	2796.19	3472.41
104.836	1.74726	40	4241.8	2796.16	3477.92
105.002	1.75004	40	4248.5	2796.23	3483.46
105.169	1.75282	40	4255.1	2796.17	3488.99
105.336	1.7556	40	4261.8	2796.15	3494.52
105.503	1.75838	40	4268.5	2796.16	3500.06
105.669	1.76115	40	4275.1	2796.2	3505.57

105.836	1.76393	40	4281.8	2796.21	3511.11
106.003	1.76671	40	4288.5	2796.21	3516.64
106.169	1.76949	40	4295.1	2796.2	3522.18
106.336	1.77227	40	4301.8	2796.21	3527.71
106.502	1.77504	40	4308.5	2796.2	3533.22
106.669	1.77782	40	4315.1	2796.18	3538.76
106.836	1.7806	40	4321.8	2796.21	3544.29
107.003	1.78338	40	4328.5	2796.17	3549.83
107.169	1.78615	40	4335.1	2796.2	3555.34
107.336	1.78893	40	4341.8	2796.18	3560.87
107.503	1.79171	40	4348.5	2796.19	3566.41
107.669	1.79449	40	4355.1	2796.19	3571.94
107.836	1.79726	40	4361.8	2796.16	3577.46
108.002	1.80004	40	4368.5	2796.18	3582.99
108.169	1.80282	40	4375.1	2796.23	3588.53
108.336	1.8056	40	4381.8	2796.17	3594.06
108.503	1.80838	40	4388.5	2796.21	3599.59
108.669	1.81115	40	4395.1	2796.17	3605.11
108.836	1.81393	40	4401.8	2796.22	3610.64
109.003	1.81671	40	4408.5	2796.17	3616.18
109.169	1.81949	40	4415.1	2796.22	3621.71
109.336	1.82227	40	4421.8	2796.21	3627.25
109.502	1.82504	40	4428.5	2796.19	3632.76
109.669	1.82782	40	4435.1	2796.2	3638.29
109.836	1.8306	40	4441.8	2796.17	3643.83
110.003	1.83338	40	4448.5	2796.18	3649.36
110.169	1.83615	40	4455.1	2796.16	3654.88
110.336	1.83893	40	4461.8	2796.17	3660.41
110.503	1.84171	40	4468.5	2796.17	3665.95
110.669	1.84449	40	4475.1	2796.18	3671.48
110.836	1.84726	40	4481.8	2796.21	3676.99
111.002	1.85004	40	4488.5	2796.2	3682.53
111.169	1.85282	40	4495.1	2796.17	3688.06
111.336	1.8556	40	4501.8	2796.2	3693.60
111.503	1.85838	40	4508.5	2796.21	3699.13
111.669	1.86115	40	4515.1	2796.2	3704.64
111.836	1.86393	40	4521.8	2796.16	3710.18
112.003	1.86671	40	4528.5	2796.22	3715.71
112.169	1.86949	40	4535.1	2796.22	3721.25
112.336	1.87227	40	4541.8	2796.18	3726.78

112.502	1.87504	40	4548.5	2796.19	3732.30
112.669	1.87782	40	4555.1	2796.19	3737.83
112.836	1.8806	40	4561.8	2796.2	3743.36
113.003	1.88338	40	4568.5	2796.18	3748.90
113.169	1.88615	40	4575.1	2796.18	3754.41
113.336	1.88893	40	4581.8	2796.16	3759.95
113.503	1.89171	40	4588.5	2796.2	3765.48
113.669	1.89449	40	4595.1	2796.19	3771.02
113.836	1.89727	40	4601.8	2796.18	3776.55
114.002	1.90004	40	4608.5	2796.19	3782.06
114.169	1.90282	40	4615.1	2796.19	3787.60
114.336	1.9056	40	4621.8	2796.22	3793.13
114.503	1.90838	40	4628.5	2796.16	3798.67
114.669	1.91115	40	4635.1	2796.19	3804.18
114.836	1.91393	40	4641.8	2796.17	3809.72
115.003	1.91671	40	4648.5	2796.17	3815.25
115.169	1.91949	40	4655.1	2796.17	3820.78
115.336	1.92226	40	4661.8	2796.19	3826.30
115.502	1.92504	40	4668.5	2796.18	3831.83
115.669	1.92782	40	4675.1	2796.16	3837.37
115.836	1.9306	40	4681.8	2796.21	3842.90
116.003	1.93338	40	4688.5	2796.21	3848.43
116.169	1.93615	40	4695.1	2796.23	3853.95
116.336	1.93893	40	4701.8	2796.18	3859.48
116.503	1.94171	40	4708.5	2796.17	3865.02
116.669	1.94449	40	4715.1	2796.21	3870.55
116.836	1.94726	40	4721.8	2796.18	3876.07
117.002	1.95004	40	4728.5	2796.18	3881.60
117.169	1.95282	40	4735.1	2796.22	3887.13
117.336	1.9556	40	4741.8	2796.23	3892.67
117.503	1.95838	40	4748.5	2796.21	3898.20
117.669	1.96115	40	4755.1	2796.23	3903.72
117.836	1.96393	40	4761.8	2796.18	3909.25
118.003	1.96671	40	4768.5	2796.21	3914.78
118.169	1.96949	40	4775.1	2796.22	3920.32
118.336	1.97226	40	4781.8	2796.2	3925.83
118.502	1.97504	40	4788.5	2796.17	3931.37
118.669	1.97782	40	4795.1	2796.2	3936.90
118.836	1.9806	40	4801.8	2796.21	3942.44
119.003	1.98338	40	4808.5	2796.18	3947.97

119.169	1.98615	40	4815.1	2796.21	3953.48
119.336	1.98893	40	4821.8	2796.16	3959.02
119.503	1.99171	40	4828.5	2796.22	3964.55
119.669	1.99449	40	4835.1	2796.16	3970.09
119.836	1.99726	40	4841.8	2796.14	3975.60
120.002	2.00004	40	4848.5	2796.22	3981.13
120.169	2.00282	40	4855.1	2796.19	3986.67
120.336	2.0056	40	4861.8	2796.23	3992.20
120.503	2.00838	40	4868.5	2796.21	3997.74
120.669	2.01115	40	4875.1	2796.22	4003.25
120.836	2.01393	40	4881.8	2796.23	4008.79
121.003	2.01671	40	4888.5	2796.19	4014.32
121.169	2.01949	40	4895.1	2796.18	4019.85
121.336	2.02226	40	4901.8	2796.2	4025.37
121.502	2.02504	40	4908.5	2796.24	4030.90
121.669	2.02782	40	4915.1	2796.17	4036.44
121.836	2.0306	40	4921.8	2796.2	4041.97
122.003	2.03338	40	4928.5	2796.21	4047.50
122.169	2.03615	40	4935.1	2796.18	4053.02
122.336	2.03893	40	4941.8	2796.18	4058.55
122.503	2.04171	40	4948.5	2796.17	4064.09
122.669	2.04449	40	4955.1	2796.15	4069.62
122.836	2.04726	40	4961.8	2796.18	4075.14
123.002	2.05004	40	4968.5	2796.17	4080.67
123.169	2.05282	40	4975.1	2796.22	4086.20
123.336	2.0556	40	4981.8	2796.22	4091.74
123.503	2.05838	40	4988.5	2796.2	4097.27
123.669	2.06115	40	4995.1	2796.21	4102.79
123.836	2.06393	40	5001.8	2796.25	4108.32
124.003	2.06671	40	5008.5	2796.17	4113.86
124.169	2.06949	40	5015.1	2796.22	4119.39
124.336	2.07226	40	5021.8	2796.18	4124.90
124.502	2.07504	40	5028.5	2796.18	4130.44
124.669	2.07782	40	5035.1	2796.24	4135.97
124.836	2.0806	40	5041.8	2796.16	4141.51
125.003	2.08338	40	5048.5	2796.21	4147.04
125.169	2.08615	40	5055.1	2796.17	4152.55
125.336	2.08893	40	5061.8	2796.21	4158.09
125.503	2.09171	40	5068.5	2796.18	4163.62
125.669	2.09449	40	5075.1	2796.2	4169.16

125.836	2.09726	40	5081.8	2796.23	4174.67
126.002	2.10004	40	5088.5	2796.23	4180.21
126.169	2.10282	40	5095.1	2796.21	4185.74
126.336	2.1056	40	5101.8	2796.16	4191.27
126.503	2.10838	40	5108.5	2796.18	4196.81
126.669	2.11115	40	5115.1	2796.16	4202.32
126.836	2.11393	40	5121.8	2796.15	4207.86
127.003	2.11671	40	5128.5	2796.18	4213.39
127.169	2.11949	40	5135.1	2796.15	4218.93
127.336	2.12226	40	5141.8	2796.21	4224.44
127.502	2.12504	40	5148.5	2796.2	4229.97
127.669	2.12782	40	5155.1	2796.2	4235.51
127.836	2.1306	40	5161.8	2796.17	4241.04
128.003	2.13338	40	5168.5	2796.19	4246.58
128.169	2.13615	40	5175.1	2796.21	4252.09
128.336	2.13893	40	5181.8	2796.19	4257.63
128.503	2.14171	40	5188.5	2796.17	4263.16
128.669	2.14449	40	5195.1	2796.17	4268.69
128.836	2.14727	40	5201.8	2796.14	4274.23
129.002	2.15004	40	5208.5	2796.18	4279.74
129.169	2.15282	40	5215.1	2796.2	4285.28
129.336	2.1556	40	5221.8	2796.21	4290.81
129.503	2.15838	40	5228.5	2796.19	4296.35
129.669	2.16115	40	5235.1	2796.2	4301.86
129.836	2.16393	40	5241.8	2796.18	4307.39
130.003	2.16671	40	5248.5	2796.21	4312.93
130.169	2.16949	40	5255.1	2796.17	4318.46
130.336	2.17226	40	5261.8	2796.16	4323.98
130.502	2.17504	40	5268.5	2796.19	4329.51
130.669	2.17782	40	5275.1	2796.19	4335.05
130.836	2.1806	40	5281.8	2796.2	4340.58
131.003	2.18338	40	5288.5	2796.19	4346.11
131.169	2.18615	40	5295.1	2796.2	4351.63
131.336	2.18893	40	5301.8	2796.18	4357.16
131.503	2.19171	40	5308.5	2796.2	4362.70
131.669	2.19449	40	5315.1	2796.21	4368.23
131.836	2.19726	40	5321.8	2796.18	4373.75
132.002	2.20004	40	5328.5	2796.17	4379.28
132.169	2.20282	40	5335.1	2796.14	4384.81
132.336	2.2056	40	5341.8	2796.17	4390.35

132.503	2.20838	40	5348.5	2796.18	4395.88
132.669	2.21115	40	5355.1	2796.19	4401.40
132.836	2.21393	40	5361.8	2796.21	4406.93
133.003	2.21671	40	5368.5	2796.16	4412.47
133.169	2.21949	40	5375.1	2796.17	4418.00
133.336	2.22226	40	5381.8	2796.16	4423.51
133.502	2.22504	40	5388.5	2796.24	4429.05
133.669	2.22782	40	5395.1	2796.24	4434.58
133.836	2.2306	40	5401.8	2796.19	4440.12
134.003	2.23338	40	5408.5	2796.24	4445.65
134.169	2.23615	40	5415.1	2796.19	4451.16
134.336	2.23893	40	5421.8	2796.17	4456.70
134.503	2.24171	40	5428.5	2796.2	4462.23
134.669	2.24449	40	5435.1	2796.2	4467.77
134.836	2.24727	40	5441.8	2796.17	4473.30
135.002	2.25004	40	5448.5	2796.17	4478.82
135.169	2.25282	40	5455.1	2796.16	4484.35
135.336	2.2556	40	5461.8	2796.2	4489.88
135.503	2.25838	40	5468.5	2796.2	4495.42
135.669	2.26115	40	5475.1	2796.18	4500.93
135.836	2.26393	40	5481.8	2796.19	4506.47
136.003	2.26671	40	5488.5	2796.22	4512.00
136.169	2.26949	40	5495.1	2796.19	4517.54
136.336	2.27226	40	5501.8	2796.18	4523.05
136.502	2.27504	40	5508.5	2796.18	4528.58
136.669	2.27782	40	5515.1	2796.17	4534.12
136.836	2.2806	40	5521.8	2796.2	4539.65
137.003	2.28338	40	5528.5	2796.2	4545.19
137.169	2.28615	40	5535.1	2796.18	4550.70
137.336	2.28893	40	5541.8	2796.19	4556.24
137.503	2.29171	40	5548.5	2796.23	4561.77
137.669	2.29449	40	5555.1	2796.17	4567.30
137.836	2.29726	40	5561.8	2796.2	4572.82
138.002	2.30004	40	5568.5	2796.2	4578.35
138.169	2.30282	40	5575.1	2796.18	4583.89
138.336	2.3056	40	5581.8	2796.19	4589.42
138.503	2.30838	40	5588.5	2796.17	4594.95
138.669	2.31115	40	5595.1	2796.17	4600.47
138.836	2.31393	40	5601.8	2796.17	4606.00
139.003	2.31671	40	5608.5	2796.16	4611.54

139.169	2.31949	40	5615.1	2796.18	4617.07
139.336	2.32226	40	5621.8	2796.26	4622.59
139.502	2.32504	40	5628.5	2796.25	4628.12
139.669	2.32782	40	5635.1	2796.19	4633.65
139.836	2.3306	40	5641.8	2796.17	4639.19
140.003	2.33338	40	5648.5	2796.2	4644.72
140.169	2.33615	40	5655.1	2796.21	4650.24
140.336	2.33893	40	5661.8	2796.16	4655.77
140.503	2.34171	40	5668.5	2796.18	4661.31
140.669	2.34449	40	5675.1	2796.19	4666.84
140.836	2.34726	40	5681.8	2796.21	4672.35
141.002	2.35004	40	5688.5	2796.2	4677.89
141.169	2.35282	40	5695.1	2796.23	4683.42
141.336	2.3556	40	5701.8	2796.16	4688.96
141.503	2.35838	40	5708.5	2796.15	4694.49
141.669	2.36115	40	5715.1	2796.2	4700.01
141.836	2.36393	40	5721.8	2796.17	4705.54
142.003	2.36671	40	5728.5	2796.19	4711.07
142.169	2.36949	40	5735.1	2796.18	4716.61
142.336	2.37226	40	5741.8	2796.21	4722.12
142.502	2.37504	40	5748.5	2796.2	4727.66
142.669	2.37782	40	5755.1	2796.18	4733.19
142.836	2.3806	40	5761.8	2796.24	4738.73
143.003	2.38338	40	5768.5	2796.19	4744.26
143.169	2.38615	40	5775.1	2796.17	4749.77
143.336	2.38893	40	5781.8	2796.21	4755.31
143.503	2.39171	40	5788.5	2796.2	4760.84
143.669	2.39449	40	5795.1	2796.2	4766.38
143.836	2.39726	40	5801.8	2796.22	4771.89
144.002	2.40004	40	5808.5	2796.18	4777.42
144.169	2.40282	40	5815.1	2796.18	4782.96
144.336	2.4056	40	5821.8	2796.18	4788.49
144.503	2.40838	40	5828.5	2796.18	4794.03
144.669	2.41115	40	5835.1	2796.24	4799.54
144.836	2.41393	40	5841.8	2796.16	4805.08
145.003	2.41671	40	5848.5	2796.18	4810.61
145.169	2.41949	40	5855.1	2796.17	4816.14
145.336	2.42226	40	5861.8	2796.17	4821.66
145.502	2.42504	40	5868.5	2796.2	4827.19
145.669	2.42782	40	5875.1	2796.18	4832.73

145.836	2.4306	40	5881.8	2796.22	4838.26
146.003	2.43338	40	5888.5	2796.2	4843.80
146.169	2.43615	40	5895.1	2796.22	4849.31
146.336	2.43893	40	5901.8	2796.19	4854.84
146.503	2.44171	40	5908.5	2796.15	4860.38
146.669	2.44449	40	5915.1	2796.14	4865.91
146.836	2.44726	40	5921.8	2796.21	4871.43
147.002	2.45004	40	5928.5	2796.17	4876.96
147.169	2.45282	40	5935.1	2796.21	4882.50
147.336	2.4556	40	5941.8	2796.25	4888.03
147.503	2.45838	40	5948.5	2796.26	4893.56
147.669	2.46115	40	5955.1	2796.24	4899.08
147.836	2.46393	40	5961.8	2796.16	4904.61
148.003	2.46671	40	5968.5	2796.18	4910.15
148.169	2.46949	40	5975.1	2796.18	4915.68
148.336	2.47226	40	5981.8	2796.22	4921.19
148.502	2.47504	40	5988.5	2796.22	4926.73
148.669	2.47782	40	5995.1	2796.21	4932.26
148.836	2.4806	40	6001.8	2796.15	4937.80
149.003	2.48338	40	6008.5	2796.19	4943.33
149.169	2.48615	40	6015.1	2796.16	4948.85
149.336	2.48893	40	6021.8	2796.22	4954.38
149.503	2.49171	40	6028.5	2796.18	4959.91
149.669	2.49449	40	6035.1	2796.17	4965.45
149.836	2.49726	40	6041.8	2796.24	4970.96
150.002	2.50004	40	6048.5	2796.18	4976.50
150.169	2.50282	40	6055.1	2796.17	4982.03
150.336	2.5056	40	6061.8	2796.16	4987.57
150.503	2.50838	40	6068.5	2796.17	4993.10
150.669	2.51115	40	6075.1	2796.2	4998.61
150.836	2.51393	40	6081.8	2796.15	5004.15
151.003	2.51671	40	6088.5	2796.22	5009.68
151.169	2.51949	40	6095.1	2796.19	5015.22
151.336	2.52226	40	6101.8	2796.2	5020.73
151.502	2.52504	40	6108.5	2796.18	5026.27
151.669	2.52782	40	6115.1	2796.22	5031.80
151.836	2.5306	40	6121.8	2796.21	5037.33
152.003	2.53338	40	6128.5	2796.2	5042.87
152.169	2.53615	40	6135.1	2796.18	5048.38
152.336	2.53893	40	6141.8	2796.15	5053.92

152.503	2.54171	40	6148.5	2796.17	5059.45
152.669	2.54449	40	6155.1	2796.22	5064.99
152.836	2.54726	40	6161.8	2796.18	5070.50
153.002	2.55004	40	6168.5	2796.17	5076.03
153.169	2.55282	40	6175.1	2796.21	5081.57
153.336	2.5556	40	6181.8	2796.18	5087.10
153.503	2.55838	40	6188.5	2796.18	5092.64
153.669	2.56115	40	6195.1	2796.17	5098.15
153.836	2.56393	40	6201.8	2796.19	5103.69
154.003	2.56671	40	6208.5	2796.19	5109.22
154.169	2.56949	40	6215.1	2796.21	5114.75
154.336	2.57226	40	6221.8	2796.19	5120.27
154.502	2.57504	40	6228.5	2796.18	5125.80
154.669	2.57782	40	6235.1	2796.2	5131.34
154.836	2.5806	40	6241.8	2796.17	5136.87
155.003	2.58338	40	6248.5	2796.17	5142.40
155.169	2.58615	40	6255.1	2796.18	5147.92
155.336	2.58893	40	6261.8	2796.18	5153.45
155.503	2.59171	40	6268.5	2796.19	5158.99
155.669	2.59449	40	6275.1	2796.24	5164.52
155.836	2.59726	40	6281.8	2796.23	5170.04
156.002	2.60004	40	6288.5	2796.2	5175.57
156.169	2.60282	40	6295.1	2796.17	5181.10
156.336	2.6056	40	6301.8	2796.18	5186.64
156.503	2.60838	40	6308.5	2796.18	5192.17
156.669	2.61115	40	6315.1	2796.17	5197.69
156.836	2.61393	40	6321.8	2796.17	5203.22
157.003	2.61671	40	6328.5	2796.19	5208.76
157.169	2.61949	40	6335.1	2796.18	5214.29
157.336	2.62226	40	6341.8	2796.18	5219.80
157.502	2.62504	40	6348.5	2796.17	5225.34
157.669	2.62782	40	6355.1	2796.17	5230.87
157.836	2.6306	40	6361.8	2796.22	5236.41
158.003	2.63338	40	6368.5	2796.17	5241.94
158.169	2.63615	40	6375.1	2796.15	5247.46
158.336	2.63893	40	6381.8	2796.17	5252.99
158.503	2.64171	40	6388.5	2796.2	5258.52
158.669	2.64449	40	6395.1	2796.18	5264.06
158.836	2.64727	40	6401.8	2796.14	5269.59
159.002	2.65004	40	6408.5	2796.16	5275.11

159.169	2.65282	40	6415.1	2796.15	5280.64
159.336	2.6556	40	6421.8	2796.2	5286.18
159.503	2.65838	40	6428.5	2796.17	5291.71
159.669	2.66115	40	6435.1	2796.24	5297.22
159.836	2.66393	40	6441.8	2796.2	5302.76
160.003	2.66671	40	6448.5	2796.2	5308.29
160.169	2.66949	40	6455.1	2796.21	5313.83
160.336	2.67226	40	6461.8	2796.19	5319.34
160.502	2.67504	40	6468.5	2796.18	5324.88
160.669	2.67782	40	6475.1	2796.16	5330.41
160.836	2.6806	40	6481.8	2796.19	5335.94
161.003	2.68338	40	6488.5	2796.17	5341.48
161.169	2.68615	40	6495.1	2796.19	5346.99
161.336	2.68893	40	6501.8	2796.22	5352.53
161.503	2.69171	40	6508.5	2796.19	5358.06
161.669	2.69449	40	6515.1	2796.21	5363.59
161.836	2.69726	40	6521.8	2796.2	5369.11
162.002	2.70004	40	6528.5	2796.2	5374.64
162.169	2.70282	40	6535.1	2796.15	5380.18
162.336	2.7056	40	6541.8	2796.16	5385.71
162.503	2.70838	40	6548.5	2796.19	5391.25
162.669	2.71115	40	6555.1	2796.25	5396.76
162.836	2.71393	40	6561.8	2796.2	5402.29
163.003	2.71671	40	6568.5	2796.22	5407.83
163.169	2.71949	40	6575.1	2796.21	5413.36
163.336	2.72226	40	6581.8	2796.18	5418.88
163.502	2.72504	40	6588.5	2796.19	5424.41
163.669	2.72782	40	6595.1	2796.23	5429.94
163.836	2.7306	40	6601.8	2796.22	5435.48
164.003	2.73338	40	6608.5	2796.19	5441.01
164.169	2.73615	40	6615.1	2796.17	5446.53
164.336	2.73893	40	6621.8	2796.19	5452.06
164.503	2.74171	40	6628.5	2796.22	5457.60
164.669	2.74449	40	6635.1	2796.16	5463.13
164.836	2.74727	40	6641.8	2796.15	5468.66
165.002	2.75004	40	6648.5	2796.16	5474.18
165.169	2.75282	40	6655.1	2796.21	5479.71
165.336	2.7556	40	6661.8	2796.17	5485.25
165.503	2.75838	40	6668.5	2796.16	5490.78
165.669	2.76115	40	6675.1	2796.19	5496.30

165.836	2.76393	40	6681.8	2796.18	5501.83
166.003	2.76671	40	6688.5	2796.21	5507.36
166.169	2.76949	40	6695.1	2796.18	5512.90
166.336	2.77226	40	6701.8	2796.17	5518.41
166.502	2.77504	40	6708.5	2796.15	5523.95
166.669	2.77782	40	6715.1	2796.15	5529.48
166.836	2.7806	40	6721.8	2796.16	5535.02
167.003	2.78338	40	6728.5	2796.18	5540.55
167.169	2.78615	40	6735.1	2796.26	5546.06
167.336	2.78893	40	6741.8	2796.2	5551.60
167.503	2.79171	40	6748.5	2796.18	5557.13
167.669	2.79449	40	6755.1	2796.18	5562.67
167.836	2.79726	40	6761.8	2796.18	5568.18
168.002	2.80004	40	6768.5	2796.19	5573.72
168.169	2.80282	40	6775.1	2796.19	5579.25
168.336	2.8056	40	6781.8	2796.2	5584.78
168.502	2.80837	40	6788.4	2796.22	5590.30
168.669	2.81115	40	6795.1	2796.22	5595.83
168.836	2.81393	40	6801.8	2796.18	5601.37
169.003	2.81671	40	6808.5	2796.18	5606.90
169.169	2.81949	40	6815.1	2796.23	5612.44
169.336	2.82226	40	6821.8	2796.2	5617.95
169.502	2.82504	40	6828.5	2796.2	5623.48
169.669	2.82782	40	6835.1	2796.21	5629.02
169.836	2.8306	40	6841.8	2796.2	5634.55
170.002	2.83337	40	6848.4	2796.15	5640.07
170.169	2.83615	40	6855.1	2796.18	5645.60
170.336	2.83893	40	6861.8	2796.18	5651.14
170.503	2.84171	40	6868.5	2796.24	5656.67
170.669	2.84449	40	6875.1	2796.22	5662.20
170.836	2.84726	40	6881.8	2796.21	5667.72
171.002	2.85004	40	6888.5	2796.16	5673.25
171.169	2.85282	40	6895.1	2796.18	5678.79
171.336	2.8556	40	6901.8	2796.17	5684.32
171.502	2.85837	40	6908.4	2796.18	5689.83
171.669	2.86115	40	6915.1	2796.21	5695.37
171.836	2.86393	40	6921.8	2796.19	5700.90
172.003	2.86671	40	6928.5	2796.19	5706.44
172.169	2.86949	40	6935.1	2796.18	5711.97
172.336	2.87226	40	6941.8	2796.18	5717.49

172.502	2.87504	40	6948.5	2796.18	5723.02
172.669	2.87782	40	6955.1	2796.24	5728.55
172.836	2.8806	40	6961.8	2796.18	5734.09
173.003	2.88338	40	6968.5	2796.21	5739.62
173.169	2.88615	40	6975.1	2796.19	5745.14
173.336	2.88893	40	6981.8	2796.2	5750.67
173.503	2.89171	40	6988.5	2796.18	5756.21
173.669	2.89449	40	6995.1	2796.2	5761.74
173.836	2.89726	40	7001.8	2796.18	5767.25
174.002	2.90004	40	7008.5	2796.22	5772.79
174.169	2.90282	40	7015.1	2796.23	5778.32
174.336	2.9056	40	7021.8	2796.2	5783.86
174.502	2.90837	40	7028.4	2796.15	5789.37
174.669	2.91115	40	7035.1	2796.18	5794.90
174.836	2.91393	40	7041.8	2796.19	5800.44
175.003	2.91671	40	7048.5	2796.17	5805.97
175.169	2.91949	40	7055.1	2796.15	5811.51
175.336	2.92226	40	7061.8	2796.16	5817.02
175.502	2.92504	40	7068.5	2796.22	5822.56
175.669	2.92782	40	7075.1	2796.24	5828.09
175.836	2.9306	40	7081.8	2796.2	5833.62
176.002	2.93337	40	7088.4	2796.18	5839.14
176.169	2.93615	40	7095.1	2796.21	5844.67
176.336	2.93893	40	7101.8	2796.22	5850.21
176.503	2.94171	40	7108.5	2796.17	5855.74
176.669	2.94449	40	7115.1	2796.21	5861.28
176.836	2.94726	40	7121.8	2796.2	5866.79
177.002	2.95004	40	7128.5	2796.2	5872.32
177.169	2.95282	40	7135.1	2796.17	5877.86
177.336	2.9556	40	7141.8	2796.16	5883.39
177.502	2.95837	40	7148.4	2796.2	5888.91
177.669	2.96115	40	7155.1	2796.21	5894.44
177.836	2.96393	40	7161.8	2796.21	5899.98
178.003	2.96671	40	7168.5	2796.17	5905.51
178.169	2.96949	40	7175.1	2796.2	5911.04
178.336	2.97226	40	7181.8	2796.2	5916.56
178.502	2.97504	40	7188.5	2796.2	5922.09
178.669	2.97782	40	7195.1	2796.16	5927.63
178.836	2.9806	40	7201.8	2796.17	5933.16
179.003	2.98338	40	7208.5	2796.19	5938.69

179.169	2.98615	40	7215.1	2796.2	5944.21
179.336	2.98893	40	7221.8	2796.24	5949.74
179.503	2.99171	40	7228.5	2796.18	5955.28
179.669	2.99449	40	7235.1	2796.18	5960.81
179.836	2.99726	40	7241.8	2796.18	5966.33
180.002	3.00004	40	7248.5	2796.19	5971.86
180.169	3.00282	40	7255.1	2796.18	5977.39
180.336	3.0056	40	7261.8	2796.18	5982.93
180.503	3.00838	40	7268.5	2796.2	5988.46
180.669	3.01115	40	7275.1	2796.17	5993.98
180.836	3.01393	40	7281.8	2796.16	5999.51
181.003	3.01671	40	7288.5	2796.21	6005.05
181.169	3.01949	40	7295.1	2796.21	6010.58
181.336	3.02226	40	7301.8	2796.2	6016.09
181.502	3.02504	40	7308.5	2796.2	6021.63
181.669	3.02782	40	7315.1	2796.21	6027.16
181.836	3.0306	40	7321.8	2796.17	6032.70
182.002	3.03337	40	7328.4	2796.17	6038.21
182.169	3.03615	40	7335.1	2796.19	6043.74
182.336	3.03893	40	7341.8	2796.18	6049.28
182.503	3.04171	40	7348.5	2796.22	6054.81
182.669	3.04449	40	7355.1	2796.22	6060.35
182.836	3.04726	40	7361.8	2796.18	6065.86
183.002	3.05004	40	7368.5	2796.17	6071.40
183.169	3.05282	40	7375.1	2796.18	6076.93
183.336	3.0556	40	7381.8	2796.19	6082.46
183.502	3.05837	40	7388.4	2796.17	6087.98
183.669	3.06115	40	7395.1	2796.2	6093.51
183.836	3.06393	40	7401.8	2796.19	6099.05
184.003	3.06671	40	7408.5	2796.22	6104.58
184.169	3.06949	40	7415.1	2796.18	6110.12
184.336	3.07226	40	7421.8	2796.19	6115.63
184.502	3.07504	40	7428.5	2796.25	6121.16
184.669	3.07782	40	7435.1	2796.19	6126.70
184.836	3.0806	40	7441.8	2796.16	6132.23
185.003	3.08338	40	7448.5	2796.16	6137.77
185.169	3.08615	40	7455.1	2796.16	6143.28
185.336	3.08893	40	7461.8	2796.18	6148.82
185.503	3.09171	40	7468.5	2796.18	6154.35
185.669	3.09449	40	7475.1	2796.21	6159.88

185.836	3.09726	40	7481.8	2796.2	6165.40
186.002	3.10004	40	7488.5	2796.15	6170.93
186.169	3.10282	40	7495.1	2796.2	6176.47
186.336	3.1056	40	7501.8	2796.18	6182.00
186.503	3.10838	40	7508.5	2796.15	6187.53
186.669	3.11115	40	7515.1	2796.16	6193.05
186.836	3.11393	40	7521.8	2796.24	6198.58
187.003	3.11671	40	7528.5	2796.22	6204.12
187.169	3.11949	40	7535.1	2796.19	6209.65
187.336	3.12226	40	7541.8	2796.19	6215.17
187.502	3.12504	40	7548.5	2796.17	6220.70
187.669	3.12782	40	7555.1	2796.22	6226.23
187.836	3.1306	40	7561.8	2796.16	6231.77
188.003	3.13338	40	7568.5	2796.14	6237.30
188.169	3.13615	40	7575.1	2796.18	6242.82
188.336	3.13893	40	7581.8	2796.19	6248.35
188.503	3.14171	40	7588.5	2796.2	6253.89
188.669	3.14449	40	7595.1	2796.2	6259.42
188.836	3.14726	40	7601.8	2796.18	6264.93
189.002	3.15004	40	7608.5	2796.18	6270.47
189.169	3.15282	40	7615.1	2796.18	6276.00
189.336	3.1556	40	7621.8	2796.17	6281.54
189.502	3.15837	40	7628.4	2796.24	6287.05
189.669	3.16115	40	7635.1	2796.19	6292.59
189.836	3.16393	40	7641.8	2796.2	6298.12
190.003	3.16671	40	7648.5	2796.18	6303.65
190.169	3.16949	40	7655.1	2796.18	6309.19
190.336	3.17226	40	7661.8	2796.18	6314.70
190.502	3.17504	40	7668.5	2796.17	6320.24
190.669	3.17782	40	7675.1	2796.15	6325.77
190.836	3.1806	40	7681.8	2796.2	6331.31
191.003	3.18338	40	7688.5	2796.22	6336.84
191.169	3.18615	40	7695.1	2796.22	6342.35
191.336	3.18893	40	7701.8	2796.21	6347.89
191.503	3.19171	40	7708.5	2796.22	6353.42
191.669	3.19449	40	7715.1	2796.22	6358.96
191.836	3.19726	40	7721.8	2796.22	6364.47
192.002	3.20004	40	7728.5	2796.22	6370.00
192.169	3.20282	40	7735.1	2796.19	6375.54
192.336	3.2056	40	7741.8	2796.15	6381.07

192.503	3.20838	40	7748.5	2796.17	6386.61
192.669	3.21115	40	7755.1	2796.2	6392.12
192.836	3.21393	40	7761.8	2796.19	6397.66
193.003	3.21671	40	7768.5	2796.17	6403.19
193.169	3.21949	40	7775.1	2796.17	6408.72
193.336	3.22226	40	7781.8	2796.16	6414.24
193.502	3.22504	40	7788.5	2796.19	6419.77
193.669	3.22782	40	7795.1	2796.19	6425.31
193.836	3.2306	40	7801.8	2796.22	6430.84
194.003	3.23338	40	7808.5	2796.2	6436.38
194.169	3.23615	40	7815.1	2796.21	6441.89
194.336	3.23893	40	7821.8	2796.2	6447.42
194.503	3.24171	40	7828.5	2796.17	6452.96
194.669	3.24449	40	7835.1	2796.24	6458.49
194.836	3.24726	40	7841.8	2796.2	6464.01
195.002	3.25004	40	7848.5	2796.17	6469.54
195.169	3.25282	40	7855.1	2796.14	6475.07
195.336	3.2556	40	7861.8	2796.14	6480.61
195.503	3.25838	40	7868.5	2796.22	6486.14
195.669	3.26115	40	7875.1	2796.25	6491.66
195.836	3.26393	40	7881.8	2796.25	6497.19
196.003	3.26671	40	7888.5	2796.16	6502.73
196.169	3.26949	40	7895.1	2796.16	6508.26
196.336	3.27226	40	7901.8	2796.16	6513.77
196.502	3.27504	40	7908.5	2796.15	6519.31
196.669	3.27782	40	7915.1	2796.2	6524.84
196.836	3.2806	40	7921.8	2796.24	6530.38
197.003	3.28338	40	7928.5	2796.25	6535.91
197.169	3.28615	40	7935.1	2796.16	6541.43
197.336	3.28893	40	7941.8	2796.15	6546.96
197.503	3.29171	40	7948.5	2796.22	6552.49
197.669	3.29449	40	7955.1	2796.21	6558.03
197.836	3.29726	40	7961.8	2796.2	6563.54
198.002	3.30004	40	7968.5	2796.21	6569.08
198.169	3.30282	40	7975.1	2796.19	6574.61
198.336	3.3056	40	7981.8	2796.22	6580.14
198.502	3.30837	40	7988.4	2796.21	6585.66
198.669	3.31115	40	7995.1	2796.18	6591.19
198.836	3.31393	40	8001.8	2796.23	6596.73
199.003	3.31671	40	8008.5	2796.21	6602.26

199.169	3.31949	40	8015.1	2796.22	6607.80
199.336	3.32226	40	8021.8	2796.16	6613.31
199.502	3.32504	40	8028.5	2796.16	6618.84
199.669	3.32782	40	8035.1	2796.23	6624.38
199.836	3.3306	40	8041.8	2796.22	6629.91
200.002	3.33337	40	8048.4	2796.18	6635.43
200.169	3.33615	40	8055.1	2796.22	6640.96
200.336	3.33893	40	8061.8	2796.21	6646.49
200.503	3.34171	40	8068.5	2796.21	6652.03
200.669	3.34449	40	8075.1	2796.17	6657.56
200.836	3.34726	40	8081.8	2796.18	6663.08
201.002	3.35004	40	8088.5	2796.15	6668.61
201.169	3.35282	40	8095.1	2796.13	6674.15
201.336	3.3556	40	8101.8	2796.18	6679.68
201.502	3.35837	40	8108.4	2796.22	6685.19
201.669	3.36115	40	8115.1	2796.23	6690.73
201.836	3.36393	40	8121.8	2796.21	6696.26
202.003	3.36671	40	8128.5	2796.2	6701.80
202.169	3.36949	40	8135.1	2796.24	6707.33
202.336	3.37226	40	8141.8	2796.2	6712.84
202.502	3.37504	40	8148.5	2796.2	6718.38
202.669	3.37782	40	8155.1	2796.18	6723.91
202.836	3.3806	40	8161.8	2796.17	6729.45
203.003	3.38338	40	8168.5	2796.21	6734.98
203.169	3.38615	40	8175.1	2796.23	6740.50
203.336	3.38893	40	8181.8	2796.14	6746.03
203.503	3.39171	40	8188.5	2796.15	6751.56
203.669	3.39449	40	8195.1	2796.25	6757.10
203.836	3.39726	40	8201.8	2796.22	6762.61
204.002	3.40004	40	8208.5	2796.2	6768.15
204.169	3.40282	40	8215.1	2796.22	6773.68
204.336	3.4056	40	8221.8	2796.2	6779.21
204.502	3.40837	40	8228.4	2796.15	6784.73
204.669	3.41115	40	8235.1	2796.2	6790.26
204.836	3.41393	40	8241.8	2796.19	6795.80
205.003	3.41671	40	8248.5	2796.19	6801.33
205.169	3.41949	40	8255.1	2796.19	6806.87
205.336	3.42226	40	8261.8	2796.19	6812.38
205.502	3.42504	40	8268.5	2796.21	6817.91
205.669	3.42782	40	8275.1	2796.22	6823.45

205.836	3.4306	40	8281.8	2796.18	6828.98
206.002	3.43337	40	8288.4	2796.17	6834.50
206.169	3.43615	40	8295.1	2796.21	6840.03
206.336	3.43893	40	8301.8	2796.18	6845.57
206.503	3.44171	40	8308.5	2796.16	6851.10
206.669	3.44449	40	8315.1	2796.19	6856.63
206.836	3.44726	40	8321.8	2796.19	6862.15
207.002	3.45004	40	8328.5	2796.19	6867.68
207.169	3.45282	40	8335.1	2796.2	6873.22
207.336	3.4556	40	8341.8	2796.25	6878.75
207.502	3.45837	40	8348.4	2796.19	6884.26
207.669	3.46115	40	8355.1	2796.19	6889.80
207.836	3.46393	40	8361.8	2796.18	6895.33
208.003	3.46671	40	8368.5	2796.15	6900.87
208.169	3.46949	40	8375.1	2796.13	6906.40
208.336	3.47226	40	8381.8	2796.19	6911.92
208.502	3.47504	40	8388.5	2796.2	6917.45
208.669	3.47782	40	8395.1	2796.16	6922.98
208.836	3.4806	40	8401.8	2796.24	6928.52
209.003	3.48338	40	8408.5	2796.2	6934.05
209.169	3.48615	40	8415.1	2796.23	6939.57
209.336	3.48893	40	8421.8	2796.19	6945.10
209.503	3.49171	40	8428.5	2796.19	6950.64
209.669	3.49449	40	8435.1	2796.19	6956.17
209.836	3.49726	40	8441.8	2796.2	6961.68
210.002	3.50004	40	8448.5	2796.2	6967.22
210.169	3.50282	40	8455.1	2796.22	6972.75
210.336	3.5056	40	8461.8	2796.18	6978.29
210.503	3.50838	40	8468.5	2796.2	6983.82
210.669	3.51115	40	8475.1	2796.17	6989.33
210.836	3.51393	40	8481.8	2796.17	6994.87
211.003	3.51671	40	8488.5	2796.22	7000.40
211.169	3.51949	40	8495.1	2796.2	7005.94
211.336	3.52226	40	8501.8	2796.17	7011.45
211.502	3.52504	40	8508.5	2796.2	7016.99
211.669	3.52782	40	8515.1	2796.2	7022.52
211.836	3.5306	40	8521.8	2796.16	7028.05
212.002	3.53337	40	8528.4	2796.18	7033.57
212.169	3.53615	40	8535.1	2796.19	7039.10
212.336	3.53893	40	8541.8	2796.15	7044.64

212.503	3.54171	40	8548.5	2796.17	7050.17
212.669	3.54449	40	8555.1	2796.22	7055.71
212.836	3.54726	40	8561.8	2796.18	7061.22
213.002	3.55004	40	8568.5	2796.18	7066.75
213.169	3.55282	40	8575.1	2796.22	7072.29
213.336	3.5556	40	8581.8	2796.19	7077.82
213.502	3.55837	40	8588.4	2796.21	7083.34
213.669	3.56115	40	8595.1	2796.22	7088.87
213.836	3.56393	40	8601.8	2796.16	7094.41
214.003	3.56671	40	8608.5	2796.13	7099.94
214.169	3.56949	40	8615.1	2796.15	7105.47
214.336	3.57226	40	8621.8	2796.17	7110.99
214.502	3.57504	40	8628.5	2796.16	7116.52
214.669	3.57782	40	8635.1	2796.22	7122.06
214.836	3.5806	40	8641.8	2796.22	7127.59
215.003	3.58338	40	8648.5	2796.18	7133.13
215.169	3.58615	40	8655.1	2796.19	7138.64
215.336	3.58893	40	8661.8	2796.21	7144.17
215.503	3.59171	40	8668.5	2796.19	7149.71
215.669	3.59449	40	8675.1	2796.2	7155.24
215.836	3.59726	40	8681.8	2796.19	7160.76
216.002	3.60004	40	8688.5	2796.19	7166.29
216.169	3.60282	40	8695.1	2796.17	7171.83
216.336	3.6056	40	8701.8	2796.2	7177.36
216.503	3.60838	40	8708.5	2796.18	7182.89
216.669	3.61115	40	8715.1	2796.15	7188.41
216.836	3.61393	40	8721.8	2796.21	7193.94
217.003	3.61671	40	8728.5	2796.22	7199.48
217.169	3.61949	40	8735.1	2796.22	7205.01
217.336	3.62226	40	8741.8	2796.21	7210.52
217.502	3.62504	40	8748.5	2796.19	7216.06
217.669	3.62782	40	8755.1	2796.22	7221.59
217.836	3.6306	40	8761.8	2796.18	7227.13
218.003	3.63338	40	8768.5	2796.2	7232.66
218.169	3.63615	40	8775.1	2796.16	7238.18
218.336	3.63893	40	8781.8	2796.18	7243.71
218.503	3.64171	40	8788.5	2796.24	7249.24
218.669	3.64449	40	8795.1	2796.18	7254.78
218.836	3.64726	40	8801.8	2796.16	7260.29
219.002	3.65004	40	8808.5	2796.19	7265.83

219.169	3.65282	40	8815.1	2796.16	7271.36
219.336	3.6556	40	8821.8	2796.21	7276.90
219.502	3.65837	40	8828.4	2796.21	7282.41
219.669	3.66115	40	8835.1	2796.19	7287.94
219.836	3.66393	40	8841.8	2796.17	7293.48
220.003	3.66671	40	8848.5	2796.19	7299.01
220.169	3.66949	40	8855.1	2796.18	7304.55
220.336	3.67226	40	8861.8	2796.16	7310.06
220.502	3.67504	40	8868.5	2796.19	7315.60
220.669	3.67782	40	8875.1	2796.2	7321.13
220.836	3.6806	40	8881.8	2796.17	7326.66
221.003	3.68338	40	8888.5	2796.19	7332.20
221.169	3.68615	40	8895.1	2796.21	7337.71
221.336	3.68893	40	8901.8	2796.21	7343.25
221.503	3.69171	40	8908.5	2796.19	7348.78
221.669	3.69449	40	8915.1	2796.2	7354.31
221.836	3.69726	40	8921.8	2796.23	7359.83
222.002	3.70004	40	8928.5	2796.18	7365.36
222.169	3.70282	40	8935.1	2796.19	7370.90
222.336	3.7056	40	8941.8	2796.18	7376.43
222.503	3.70838	40	8948.5	2796.2	7381.97
222.669	3.71115	40	8955.1	2796.17	7387.48
222.836	3.71393	40	8961.8	2796.19	7393.01
223.003	3.71671	40	8968.5	2796.23	7398.55
223.169	3.71949	40	8975.1	2796.18	7404.08
223.336	3.72226	40	8981.8	2796.21	7409.60
223.502	3.72504	40	8988.5	2796.16	7415.13
223.669	3.72782	40	8995.1	2796.18	7420.67
223.836	3.7306	40	9001.8	2796.21	7426.20
224.003	3.73338	40	9008.5	2796.17	7431.73
224.169	3.73615	40	9015.1	2796.22	7437.25
224.336	3.73893	40	9021.8	2796.22	7442.78
224.503	3.74171	40	9028.5	2796.22	7448.32
224.669	3.74449	40	9035.1	2796.16	7453.85
224.836	3.74726	40	9041.8	2796.14	7459.36
225.002	3.75004	40	9048.5	2796.18	7464.90
225.169	3.75282	40	9055.1	2796.19	7470.43
225.336	3.7556	40	9061.8	2796.21	7475.97
225.503	3.75838	40	9068.5	2796.24	7481.50
225.669	3.76115	40	9075.1	2796.19	7487.02

225.836	3.76393	40	9081.8	2796.16	7492.55
226.003	3.76671	40	9088.5	2796.2	7498.08
226.169	3.76949	40	9095.1	2796.22	7503.62
226.336	3.77226	40	9101.8	2796.19	7509.13
226.502	3.77504	40	9108.5	2796.2	7514.67
226.669	3.77782	40	9115.1	2796.19	7520.20
226.836	3.7806	40	9121.8	2796.18	7525.74
227.003	3.78338	40	9128.5	2796.19	7531.27
227.169	3.78615	40	9135.1	2796.15	7536.78
227.336	3.78893	40	9141.8	2796.16	7542.32
227.503	3.79171	40	9148.5	2796.16	7547.85
227.669	3.79449	40	9155.1	2796.2	7553.39
227.836	3.79726	40	9161.8	2796.23	7558.90
228.002	3.80004	40	9168.5	2796.2	7564.44
228.169	3.80282	40	9175.1	2796.23	7569.97
228.336	3.8056	40	9181.8	2796.2	7575.50
228.502	3.80837	40	9188.4	2796.21	7581.02
228.669	3.81115	40	9195.1	2796.18	7586.55
228.836	3.81393	40	9201.8	2796.19	7592.09
229.003	3.81671	40	9208.5	2796.22	7597.62
229.169	3.81949	40	9215.1	2796.16	7603.15
229.336	3.82226	40	9221.8	2796.17	7608.67
229.502	3.82504	40	9228.5	2796.19	7614.20
229.669	3.82782	40	9235.1	2796.16	7619.74
229.836	3.8306	40	9241.8	2796.15	7625.27
230.002	3.83337	40	9248.4	2796.19	7630.79
230.169	3.83615	40	9255.1	2796.22	7636.32
230.336	3.83893	40	9261.8	2796.22	7641.85
230.503	3.84171	40	9268.5	2796.18	7647.39
230.669	3.84449	40	9275.1	2796.18	7652.92
230.836	3.84726	40	9281.8	2796.21	7658.44
231.002	3.85004	40	9288.5	2796.2	7663.97
231.169	3.85282	40	9295.1	2796.22	7669.51
231.336	3.8556	40	9301.8	2796.2	7675.04
231.502	3.85837	40	9308.4	2796.18	7680.57
231.669	3.86115	40	9315.1	2796.16	7686.09
231.836	3.86393	40	9321.8	2796.17	7691.62
232.003	3.86671	40	9328.5	2796.18	7697.16
232.169	3.86949	40	9335.1	2796.22	7702.69
232.336	3.87226	40	9341.8	2796.18	7708.21

232.502	3.87504	40	9348.5	2796.17	7713.74
232.669	3.87782	40	9355.1	2796.19	7719.27
232.836	3.8806	40	9361.8	2796.22	7724.81
233.003	3.88338	40	9368.5	2796.21	7730.34
233.169	3.88615	40	9375.1	2796.19	7735.86
233.336	3.88893	40	9381.8	2796.15	7741.39
233.503	3.89171	40	9388.5	2796.18	7746.93
233.669	3.89449	40	9395.1	2796.17	7752.46
233.836	3.89726	40	9401.8	2796.18	7757.97
234.002	3.90004	40	9408.5	2796.18	7763.51
234.169	3.90282	40	9415.1	2796.16	7769.04
234.336	3.9056	40	9421.8	2796.18	7774.58
234.502	3.90837	40	9428.4	2796.21	7780.09
234.669	3.91115	40	9435.1	2796.23	7785.63
234.836	3.91393	40	9441.8	2796.19	7791.16
235.003	3.91671	40	9448.5	2796.2	7796.69
235.169	3.91949	40	9455.1	2796.18	7802.23
235.336	3.92226	40	9461.8	2796.15	7807.74
235.502	3.92504	40	9468.5	2796.18	7813.28
235.669	3.92782	40	9475.1	2796.18	7818.81
235.836	3.9306	40	9481.8	2796.18	7824.35
236.002	3.93337	40	9488.4	2796.2	7829.86
236.169	3.93615	40	9495.1	2796.2	7835.39
236.336	3.93893	40	9501.8	2796.18	7840.93
236.503	3.94171	40	9508.5	2796.23	7846.46
236.669	3.94449	40	9515.1	2796.16	7852.00
236.836	3.94726	40	9521.8	2796.18	7857.51
237.002	3.95004	40	9528.5	2796.2	7863.05
237.169	3.95282	40	9535.1	2796.18	7868.58
237.336	3.9556	40	9541.8	2796.18	7874.11
237.502	3.95837	40	9548.4	2796.16	7879.63
237.669	3.96115	40	9555.1	2796.17	7885.16
237.836	3.96393	40	9561.8	2796.2	7890.70
238.003	3.96671	40	9568.5	2796.18	7896.23
238.169	3.96949	40	9575.1	2796.21	7901.77
238.336	3.97226	40	9581.8	2796.21	7907.28
238.502	3.97504	40	9588.5	2796.2	7912.81
238.669	3.97782	40	9595.1	2796.18	7918.35
238.836	3.9806	40	9601.8	2796.2	7923.88
239.003	3.98338	40	9608.5	2796.23	7929.42

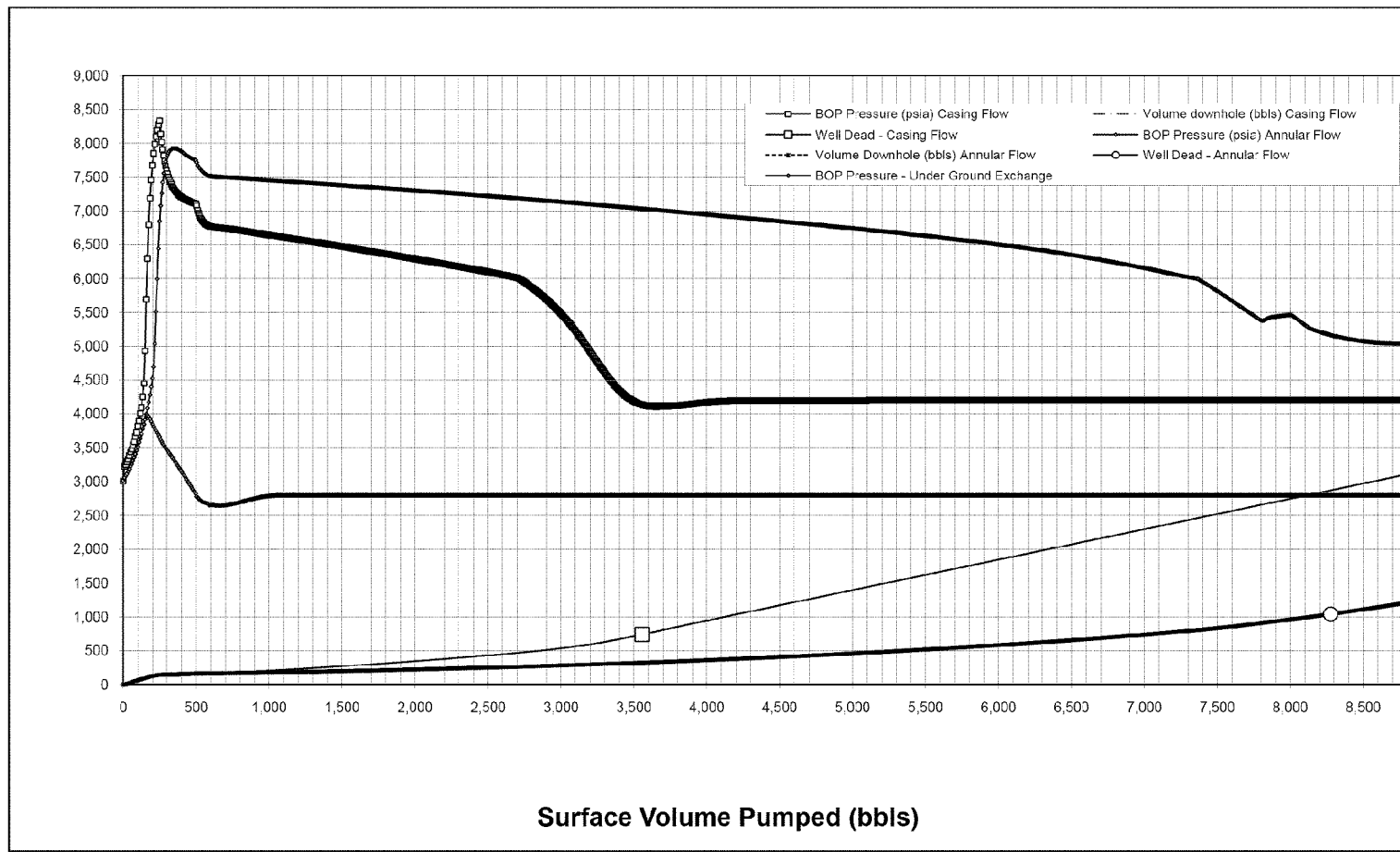
239.169	3.98615	40	9615.1	2796.25	7934.93
239.336	3.98893	40	9621.8	2796.17	7940.46
239.503	3.99171	40	9628.5	2796.17	7946.00
239.669	3.99449	40	9635.1	2796.15	7951.53
239.836	3.99726	40	9641.8	2796.18	7957.05
240.002	4.00004	40	9648.5	2796.2	7962.58

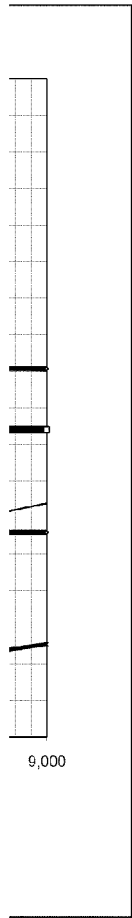
Assumptions:

10,000 stbo/d, 400 psi across BOP's, 16.4 mud for 500 bbls then 14.2 mud until finished, deep well restriction
 50 BPM for 5 minutes then 40 BPM until finished

Volume pumped Pumped	Pump Rate bpm	Casing Flow WHP psia	Volume down well bbls
0.0	50	3004.97	0.000
8.5	50	3224.55	3.311
16.8	50	3247.41	9.010
25.1	50	3293.85	15.047
33.5	50	3328.18	21.092
41.8	50	3382.75	27.056
50.1	50	3441.12	32.930
58.5	50	3477.41	38.751
66.8	50	3541.61	44.479
75.1	50	3589.17	50.133
83.5	50	3664.55	55.692
91.8	50	3723.24	61.171
100.1	50	3819.89	66.529
108.5	50	3896.02	71.792
116.8	50	4010.05	76.921
125.1	50	4094.33	81.953
133.5	50	4250.24	86.809
141.8	50	4451.23	91.454
150.1	50	4932.13	95.611
158.5	50	5694.52	99.142
166.8	50	6297.5	102.231
175.1	50	6794.03	104.981
183.5	50	7187.86	107.479
191.8	50	7461.73	109.807
200.1	50	7676.48	112.005
208.5	50	7849.17	114.100
216.8	50	7988.16	116.113
225.1	50	8102.41	118.059
233.5	50	8194.6	119.953
241.8	50	8270.9	121.804
250.1	50	8334.23	123.618
256.8	40	8134.35	123.909
263.5	40	8016.87	124.256
270.1	40	7910.76	124.664

Kill Pt.	Annulus Flow			Both Annulus and Casing Flow			Underground Exchange		
	WHP psia	Volume down well bbls	Kill Pt.	WHP psia	Volume down well bbls	Kill Pt.	WHP psia	Volume down well bbls	Kill Pt.
	3013.32	0		3019.9	0.00		3013.3	0.00	
	3055.25	0.697		3114.04	0.13		3055.26	0.70	
	3087.48	3.576		3498.17	1.06		3087.51	3.58	
	3117.03	8.298		3829.42	3.05		3117.17	8.30	
	3149.39	13.952		4165.62	5.76		3149.67	13.95	
	3184.68	19.973		4502.54	8.87		3185.14	19.97	
	3223.39	26.101		4861.92	12.16		3224.08	26.10	
	3264.27	32.229		5285.62	15.49		3265.22	32.22	
	3308.61	38.317		6227.73	18.26		3309.94	38.31	
	3356.14	44.343		7116.42	20.56		3357.82	44.33	
	3405.88	50.296		7696.35	22.58		3408	50.28	
	3457.39	56.176		8026.95	24.44		3460.31	56.16	
	3515.69	61.972		8206.16	26.23		3519.22	61.95	
	3574.97	67.685		8306.48	27.98		3579.1	67.66	
	3638.25	73.311		8362.6	29.70		3643.06	73.28	
	3701.7	78.851		8392.55	31.42		3707.4	78.81	
	3771.72	84.300		8404.75	33.14		3778.48	84.25	
	3842.29	89.660		8405.22	34.87		3849.95	89.60	
	3915.88	94.929		8399.61	36.60		3917.08	94.87	
	3995.04	100.104		8389.87	38.34		3959.91	100.09	
	4082.33	105.177		8378.24	40.10		3974.6	105.30	
	4175.31	110.145		8364.13	41.87		3959.78	110.53	
	4277.98	115.002		8348.25	43.64		3928.61	115.79	
	4398.73	119.728		8334.37	45.43		3889.31	121.11	
	4524.73	124.326		8321.66	47.23		3849.69	126.47	
	4694.05	128.756		8309.26	49.04		3814.67	131.88	
	5038.73	132.847		8297.02	50.86		3780.74	137.33	
	5509.98	136.539		8286.08	52.68		3751.39	142.82	
	5994.13	139.857		8278.12	54.51		3721.6	148.35	
	6444.02	142.852		8270.17	56.35		3693.02	153.91	
	6851.73	145.570		8261.53	58.19		3667.05	159.51	
	7076.52	146.487		8206.12	58.43		3614.09	163.51	
	7262.08	147.289		8172.79	58.68		3586.12	167.54	
	7422.85	147.987		8152.33	58.94		3562.39	171.60	





276.8	40	7818.19	125.127
283.5	40	7737.31	125.638
290.1	40	7666.63	126.191
296.8	40	7604.85	126.782
303.5	40	7550.45	127.407
310.1	40	7502.59	128.060
316.8	40	7460.86	128.739
323.5	40	7424.29	129.441
330.1	40	7392.01	130.163
336.8	40	7363.45	130.903
343.5	40	7338.12	131.659
350.1	40	7315.59	132.428
356.8	40	7295.52	133.210
363.5	40	7277.63	134.004
370.1	40	7261.52	134.808
376.8	40	7246.94	135.620
383.5	40	7233.73	136.442
390.1	40	7221.75	137.270
396.8	40	7210.81	138.106
403.5	40	7200.79	138.948
410.1	40	7191.74	139.796
416.8	40	7183.54	140.649
423.5	40	7175.77	141.507
430.1	40	7167.97	142.370
436.8	40	7160.55	143.238
443.5	40	7153.61	144.111
450.1	40	7147.07	144.987
456.8	40	7140.86	145.867
463.5	40	7134.93	146.752
470.1	40	7129.4	147.640
476.8	40	7124.12	148.531
483.5	40	7118.99	149.425
490.1	40	7113.95	150.323
496.8	40	7109.06	151.224
503.5	40	7080.39	151.602
510.1	40	7010.82	152.105
516.8	40	6966.49	152.622
523.5	40	6929.11	153.177
530.1	40	6898.14	153.767
536.8	40	6872.73	154.388

7557.71	148.602
7659	149.159
7730.65	149.672
7785.85	150.153
7828.27	150.609
7860.24	151.047
7883.89	151.470
7901.06	151.884
7913.01	152.291
7920.48	152.694
7924.74	153.094
7925.78	153.495
7924.3	153.896
7920.98	154.299
7916.04	154.706
7909.66	155.116
7901.96	155.532
7892.17	155.953
7881.42	156.381
7870.78	156.816
7860.27	157.257
7849.88	157.704
7839.68	158.157
7829.46	158.616
7819.33	159.082
7809.4	159.554
7799.83	160.031
7790.85	160.514
7782.57	161.002
7774.49	161.494
7766.91	161.991
7759.97	162.493
7753.43	162.998
7747.32	163.507
7718.94	163.224
7674.15	163.305
7651.56	163.496
7632.46	163.675
7613.95	163.831
7596.48	163.975

8139.86	59.21
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8127	59.75
8123.51	60.02
8120.73	60.30
8118.44	60.57
8116.45	60.85
8114.62	61.13
8112.91	61.41
8111.14	61.69
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8108.16	62.26
8106.81	62.54
8105.49	62.83
8104.21	63.12
8102.94	63.41
8101.67	63.70
8100.41	63.99
8099.16	64.28
8097.91	64.57
8096.66	64.86
8095.4	65.16
8094.15	65.45
8092.91	65.75
8091.66	66.04
8090.41	66.34
8089.17	66.64
8087.93	66.94
8086.68	67.24
8085.43	67.54
8084.19	67.84
8082.94	68.15
8081.7	68.45
8080.45	68.75
8068.91	68.41
8058.05	68.28
8055.85	68.20
8055.3	68.12
8054.67	68.02
8053.86	67.91

3539.72	175.70
3518.23	179.84
3499.17	184.01
3478.58	188.20
3458.11	192.43
3439.1	196.69
3418.07	200.98
3397.01	205.31
3377.14	209.66
3355.76	214.05
3334.13	218.48
3313.61	222.94
3291.95	227.44
3269.88	231.97
3248.91	236.54
3226.94	241.15
3204.51	245.80
3183.34	250.49
3160.83	255.22
3138.03	260.00
3116.74	264.82
3093.65	269.68
3070.47	274.60
3048.99	279.55
3025.58	284.57
3002.29	289.63
2980.49	294.74
2956.95	299.91
2934.77	305.14
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2889.09	315.77
2866.63	321.18
2843.96	326.66
2822.42	332.21
2780.84	337.04
2762.95	342.35
2746.63	348.18
2733.91	354.23
2721.27	360.32
2711.03	366.39

543.5	40	6851.65	155.035
550.1	40	6834.23	155.703
556.8	40	6819.86	156.387
563.5	40	6808	157.083
570.1	40	6798.18	157.788
576.8	40	6790.03	158.499
583.5	40	6783.25	159.215
590.1	40	6777.58	159.933
596.8	40	6772.83	160.653
603.5	40	6768.81	161.375
610.1	40	6765.37	162.097
616.8	40	6762.35	162.820
623.5	40	6759.85	163.543
630.1	40	6757.64	164.266
636.8	40	6755.66	164.989
643.5	40	6753.91	165.712
650.1	40	6752.35	166.436
656.8	40	6750.91	167.159
663.5	40	6749.56	167.883
670.1	40	6748.27	168.608
676.8	40	6746.97	169.333
683.5	40	6745.65	170.058
690.1	40	6744.31	170.784
696.8	40	6742.96	171.511
703.5	40	6741.56	172.239
710.1	40	6740.1	172.968
716.8	40	6738.59	173.698
723.5	40	6737	174.428
730.1	40	6735.34	175.160
736.8	40	6733.69	175.893
743.5	40	6731.94	176.628
750.1	40	6730.12	177.363
756.8	40	6728.16	178.100
763.5	40	6726.17	178.839
770.1	40	6724.13	179.579
776.8	40	6722.05	180.320
783.5	40	6719.92	181.063
790.1	40	6717.75	181.808
796.8	40	6715.55	182.554
803.5	40	6713.29	183.302

7580.97	164.119
7567.99	164.266
7556.63	164.419
7545.42	164.579
7536.15	164.744
7529.25	164.915
7524.19	165.090
7520.51	165.268
7517.76	165.448
7515.62	165.631
7513.94	165.815
7512.52	166.002
7511.25	166.190
7510.08	166.380
7508.98	166.571
7508	166.764
7506.99	166.958
7505.97	167.153
7504.98	167.350
7503.98	167.548
7502.92	167.748
7501.92	167.949
7500.91	168.151
7499.91	168.354
7498.9	168.559
7497.96	168.764
7496.96	168.970
7495.96	169.178
7494.96	169.386
7493.96	169.596
7492.9	169.806
7491.9	170.018
7490.9	170.230
7489.91	170.444
7488.92	170.658
7487.93	170.873
7487.01	171.089
7486.02	171.306
7485.03	171.523
7484.05	171.742

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8052.47	67.65
8052.11	67.50
8051.98	67.35
8052.03	67.20
8052.2	67.05
8052.49	66.90
8052.84	66.75
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8054.05	66.29
8054.47	66.13
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8055.74	65.67
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8057.03	65.21
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8057.88	64.90
8058.31	64.74
8058.73	64.59
8059.16	64.43
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8060.01	64.12
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8060.95	63.81
8061.4	63.65
8061.84	63.50
8062.28	63.34
8062.71	63.18
8063.14	63.03
8063.57	62.87
8063.99	62.71
8064.42	62.55
8064.85	62.39
8065.27	62.24
8065.69	62.08
8066.12	61.92
8066.54	61.76

2702.41	372.45
2694.95	378.52
2689.17	384.61
2684.41	390.72
2679.88	396.86
2675.1	403.04
2670.64	409.25
2649.15	415.82
2655.22	422.20
2655.44	428.58
2656.85	434.94
2656.95	441.29
2655.29	447.67
2649.02	454.15
2648.47	460.65
2648.4	467.15
2648.34	473.65
2646.18	480.21
2646.98	486.74
2647.9	493.25
2648.85	499.74
2648.45	506.22
2649.98	512.68
2650.82	519.13
2653.97	525.51
2654.71	531.89
2656.8	538.22
2659.79	544.53
2662.22	550.81
2664.2	557.07
2666.86	563.29
2668.93	569.51
2672.98	575.68
2675.76	581.83
2678.74	587.96
2682.61	594.06
2685.97	600.13
2689.19	606.18
2692.6	612.21
2696.39	618.21

810.1	40	6710.99	184.051
816.8	40	6708.68	184.802
823.5	40	6706.36	185.555
830.1	40	6704.02	186.310
836.8	40	6701.67	187.066
843.5	40	6699.31	187.824
850.1	40	6696.95	188.584
856.8	40	6694.66	189.345
863.5	40	6692.34	190.109
870.1	40	6690	190.873
876.8	40	6687.56	191.640
883.5	40	6685.14	192.408
890.1	40	6682.73	193.179
896.8	40	6680.35	193.951
903.5	40	6677.97	194.724
910.1	40	6675.59	195.500
916.8	40	6673.22	196.277
923.5	40	6670.86	197.056
930.1	40	6668.45	197.836
936.8	40	6666	198.619
943.5	40	6663.59	199.403
950.1	40	6661.22	200.189
956.8	40	6658.88	200.977
963.5	40	6656.56	201.766
970.1	40	6654.33	202.557
976.8	40	6652.13	203.350
983.5	40	6649.95	204.144
990.1	40	6647.62	204.940
996.8	40	6645.31	205.737
1003.5	40	6643.04	206.537
1010.1	40	6640.78	207.338
1016.8	40	6638.54	208.141
1023.5	40	6636.3	208.945
1030.1	40	6634.07	209.751
1036.8	40	6631.87	210.558
1043.5	40	6629.65	211.368
1050.1	40	6627.4	212.178
1056.8	40	6625.17	212.991
1063.5	40	6622.97	213.805
1070.1	40	6620.53	214.621

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7482.09	172.181
7481.03	172.402
7480.05	172.623
7479.05	172.846
7478.06	173.069
7477.07	173.293
7476.07	173.518
7475.16	173.743
7474.16	173.969
7473.17	174.195
7472.19	174.422
7471.21	174.650
7470.15	174.879
7469.18	175.109
7468.22	175.339
7467.28	175.570
7466.34	175.801
7465.39	176.034
7464.44	176.266
7463.56	176.499
7462.6	176.733
7461.62	176.968
7460.65	177.203
7459.67	177.438
7458.7	177.675
7457.72	177.912
7456.66	178.150
7455.67	178.388
7454.69	178.627
7453.7	178.867
7452.72	179.107
7451.68	179.348
7450.68	179.590
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7448.77	180.075
7447.77	180.318
7446.77	180.562
7445.8	180.807
7444.82	181.052

8066.97	61.60
8067.39	61.44
8067.82	61.28
8068.25	61.13
8068.68	60.97
8069.11	60.81
8069.53	60.65
8069.96	60.49
8070.4	60.33
8070.83	60.17
8071.24	60.01
8071.66	59.85
8072.09	59.69
8072.52	59.53
8072.95	59.37
8073.38	59.21
8073.82	59.05
8074.26	58.88
8074.69	58.72
8075.12	58.56
8075.55	58.40
8075.99	58.24
8076.43	58.08
8076.87	57.92
8077.31	57.76
8077.75	57.59
8078.2	57.43
8078.64	57.27
8079.09	57.11
8079.53	56.95
8079.98	56.78
8080.42	56.62
8080.87	56.46
8081.32	56.30
8081.77	56.13
8082.22	55.97
8082.67	55.81
8083.12	55.65
8083.57	55.49
8084.03	55.32

2700.41	624.18
2703.72	630.14
2707.65	636.08
2711.58	641.98
2715.16	647.88
2719.12	653.74
2722.92	659.59
2726.43	665.42
2730.35	671.23
2734.05	677.02
2737.73	682.80
2741.31	688.56
2744.79	694.30
2748.31	700.02
2751.58	705.73
2754.77	711.43
2757.93	717.11
2761.12	722.78
2764.1	728.44
2766.88	734.08
2769.55	739.72
2772.08	745.34
2774.53	750.95
2776.63	756.56
2778.77	762.15
2780.72	767.74
2782.57	773.32
2784.18	778.90
2785.7	784.47
2787.1	790.03
2788.31	795.59
2789.5	801.15
2790.47	806.70
2791.34	812.25
2792.12	817.79
2792.79	823.33
2793.46	828.87
2793.84	834.41
2794.29	839.95
2794.69	845.48

1076.8	40	6618.03	215.439
1083.5	40	6615.73	216.258
1090.1	40	6613.56	217.079
1096.8	40	6611.34	217.902
1103.5	40	6609.1	218.727
1110.1	40	6606.92	219.552
1116.8	40	6604.79	220.380
1123.5	40	6602.68	221.209
1130.1	40	6600.58	222.040
1136.8	40	6598.5	222.872
1143.5	40	6596.42	223.706
1150.1	40	6594.32	224.541
1156.8	40	6592.21	225.378
1163.5	40	6590.07	226.217
1170.1	40	6587.94	227.056
1176.8	40	6585.8	227.898
1183.5	40	6583.71	228.741
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1196.8	40	6579.57	230.432
1203.5	40	6577.44	231.280
1210.1	40	6575.24	232.130
1216.8	40	6573.02	232.981
1223.5	40	6570.79	233.834
1230.1	40	6568.5	234.688
1236.8	40	6566.23	235.544
1243.5	40	6563.97	236.402
1250.1	40	6561.72	237.262
1256.8	40	6559.47	238.123
1263.5	40	6557.21	238.986
1270.1	40	6554.8	239.850
1276.8	40	6552.45	240.717
1283.5	40	6550.12	241.585
1290.1	40	6547.93	242.455
1296.8	40	6545.75	243.326
1303.5	40	6543.6	244.199
1310.1	40	6541.37	245.074
1316.8	40	6539.11	245.950
1323.5	40	6536.83	246.828
1330.1	40	6534.57	247.708
1336.8	40	6532.32	248.589

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7442.79	181.545
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7435.9	183.289
7435	183.540
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7431.03	184.552
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7422.05	186.866
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7416.23	188.437
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7412.45	189.495
7411.46	189.761
7410.47	190.028
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8089.04	53.53
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8090.41	53.04
8090.87	52.88
8091.33	52.72
8091.8	52.55
8092.26	52.39
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8093.22	52.07
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8101.76	49.14
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2795.66	939.53
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1416.8	40	6504.54	259.300
1423.5	40	6502.19	260.205
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1443.5	40	6494.98	262.927
1450.1	40	6492.67	263.838
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1463.5	40	6488.06	265.666
1470.1	40	6485.6	266.582
1476.8	40	6483.18	267.500
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1523.5	40	6466.41	273.979
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8114.76	44.79
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8117.2	43.99
8117.69	43.83
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8118.68	43.51
8119.17	43.36
8119.66	43.20
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8120.65	42.88
8121.15	42.72
8121.64	42.57
8122.14	42.41

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2795.68	1288.02

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1616.8	40	6432.69	287.202
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1636.8	40	6425.31	290.082
1643.5	40	6422.78	291.046
1650.1	40	6420.06	292.011
1656.8	40	6417.23	292.979
1663.5	40	6414.6	293.950
1670.1	40	6412	294.922
1676.8	40	6409.04	295.896
1683.5	40	6406.39	296.872
1690.1	40	6403.91	297.850
1696.8	40	6401.44	298.830
1703.5	40	6399	299.812
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1723.5	40	6391.74	302.768
1730.1	40	6389.38	303.757
1736.8	40	6387.04	304.748
1743.5	40	6384.76	305.741
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1756.8	40	6380.19	307.731
1763.5	40	6377.89	308.729
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1776.8	40	6373.09	310.730
1783.5	40	6370.68	311.733
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1803.5	40	6363.45	314.754
1810.1	40	6361.08	315.765
1816.8	40	6358.72	316.777
1823.5	40	6356.37	317.792
1830.1	40	6354.04	318.807
1836.8	40	6351.59	319.825
1843.5	40	6349.14	320.845
1850.1	40	6346.72	321.867
1856.8	40	6344.27	322.890
1863.5	40	6341.85	323.915
1870.1	40	6339.46	324.943

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7360.69	203.637
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7350.84	206.672
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7325.89	214.242
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8123.13	42.09
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8126.78	41.00
8127.27	40.84
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8135.17	38.37
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8136.17	38.07
8136.66	37.91
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8138.65	37.31
8139.15	37.16
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8140.15	36.85
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8141.14	36.55
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1903.5	40	6326.89	330.107
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1923.5	40	6319.32	333.229
1930.1	40	6316.97	334.273
1936.8	40	6314.69	335.319
1943.5	40	6312.32	336.367
1950.1	40	6309.86	337.417
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1963.5	40	6304.67	339.523
1970.1	40	6302.04	340.579
1976.8	40	6299.52	341.637
1983.5	40	6296.99	342.696
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1996.8	40	6292.24	344.821
2003.5	40	6289.93	345.887
2010.1	40	6287.51	346.954
2016.8	40	6284.95	348.023
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2043.5	40	6274.68	352.319
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2063.5	40	6267.2	355.562
2070.1	40	6264.79	356.646
2076.8	40	6262.42	357.733
2083.5	40	6259.98	358.821
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2110.1	40	6249.9	363.194
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2795.98	1658.61
2795.98	1664.14
2795.98	1669.67
2796	1675.20
2795.99	1680.73
2796	1686.26
2796.01	1691.79
2796.02	1697.32
2796.01	1702.85
2796.03	1708.38
2796.04	1713.91
2796.04	1719.45
2796.03	1724.97
2796.04	1730.51

2143.5	40	6237.49	368.703
2150.1	40	6234.84	369.811
2156.8	40	6232.37	370.921
2163.5	40	6229.8	372.032
2170.1	40	6227.3	373.146
2176.8	40	6224.86	374.262
2183.5	40	6222.24	375.380
2190.1	40	6219.57	376.499
2196.8	40	6217.05	377.621
2203.5	40	6214.49	378.744
2210.1	40	6212.03	379.870
2216.8	40	6209.56	380.998
2223.5	40	6206.98	382.127
2230.1	40	6204.36	383.258
2236.8	40	6201.84	384.392
2243.5	40	6199.34	385.527
2250.1	40	6196.86	386.665
2256.8	40	6194.44	387.804
2263.5	40	6191.92	388.945
2270.1	40	6189.29	390.089
2276.8	40	6186.79	391.234
2283.5	40	6184.22	392.381
2290.1	40	6181.75	393.530
2296.8	40	6179.35	394.681
2303.5	40	6176.74	395.834
2310.1	40	6174.13	396.989
2316.8	40	6171.56	398.146
2323.5	40	6168.98	399.306
2330.1	40	6166.53	400.467
2336.8	40	6164.09	401.630
2343.5	40	6161.44	402.795
2350.1	40	6158.74	403.962
2356.8	40	6156.14	405.131
2363.5	40	6153.62	406.302
2370.1	40	6151.12	407.475
2376.8	40	6148.42	408.651
2383.5	40	6145.7	409.828
2390.1	40	6143.06	411.008
2396.8	40	6140.4	412.189
2403.5	40	6137.83	413.373

7279.12	229.196
7278.07	229.552
7276.99	229.909
7275.91	230.267
7274.83	230.626
7273.79	230.985
7272.72	231.345
7271.64	231.706
7270.57	232.067
7269.51	232.429
7268.46	232.792
7267.4	233.156
7266.33	233.520
7265.25	233.885
7264.17	234.251
7263.09	234.618
7262.01	234.985
7260.92	235.353
7259.82	235.722
7258.72	236.091
7257.63	236.462
7256.53	236.833
7255.43	237.205
7254.33	237.577
7253.25	237.951
7252.18	238.325
7251.12	238.699
7250	239.075
7248.9	239.451
7247.81	239.829
7246.72	240.206
7245.64	240.585
7244.56	240.964
7243.47	241.344
7242.39	241.725
7241.12	242.107
7239.89	242.490
7238.71	242.873
7237.54	243.257
7236.4	243.642

8162.31	30.33
8162.79	30.19
8163.28	30.05
8163.76	29.91
8164.24	29.77
8164.72	29.64
8165.2	29.50
8165.68	29.36
8166.24	29.22
8166.76	29.09
8167.25	28.95
8167.73	28.82
8168.21	28.68
8168.69	28.55
8169.16	28.41
8169.63	28.28
8170.1	28.14
8170.57	28.01
8171.03	27.87
8171.5	27.74
8171.97	27.61
8172.44	27.47
8172.9	27.34
8173.37	27.21
8173.83	27.08
8174.3	26.95
8174.76	26.82
8175.22	26.69
8175.68	26.55
8176.14	26.42
8176.6	26.29
8177.06	26.17
8177.51	26.04
8177.96	25.91
8178.41	25.78
8178.86	25.65
8179.31	25.52
8179.76	25.40
8180.22	25.27
8180.67	25.14

2796.05	1736.04
2796.07	1741.57
2796.07	1747.10
2796.05	1752.63
2796.06	1758.16
2796.09	1763.69
2796.07	1769.22
2796.05	1774.75
2796.09	1780.28
2796.08	1785.81
2796.09	1791.34
2796.11	1796.87
2796.1	1802.40
2796.08	1807.93
2796.07	1813.46
2796.12	1818.99
2796.14	1824.52
2796.12	1830.05
2796.13	1835.58
2796.12	1841.11
2796.11	1846.64
2796.12	1852.17
2796.11	1857.70
2796.12	1863.23
2796.14	1868.76
2796.13	1874.29
2796.11	1879.82
2796.1	1885.35
2796.15	1890.88
2796.16	1896.41
2796.15	1901.94
2796.12	1907.47
2796.15	1913.00
2796.14	1918.53
2796.14	1924.06
2796.15	1929.59
2796.18	1935.12
2796.15	1940.65
2796.14	1946.18
2796.14	1951.71

2410.1	40	6135.19	414.558
2416.8	40	6132.57	415.746
2423.5	40	6130	416.936
2430.1	40	6127.37	418.128
2436.8	40	6124.83	419.322
2443.5	40	6122.17	420.518
2450.1	40	6119.46	421.714
2456.8	40	6116.87	422.915
2463.5	40	6114.22	424.119
2470.1	40	6111.63	425.324
2476.8	40	6109.05	426.527
2483.5	40	6106.28	427.736
2490.1	40	6103.69	428.948
2496.8	40	6101.05	430.161
2503.5	40	6098.38	431.377
2510.1	40	6095.72	432.590
2516.8	40	6092.97	433.810
2523.5	40	6090.29	435.032
2530.1	40	6087.6	436.257
2536.8	40	6084.92	437.478
2543.5	40	6081.72	438.707
2550.1	40	6078.61	439.939
2556.8	40	6075.79	441.172
2563.4	40	6072.92	442.404
2570.1	40	6070.09	443.642
2576.8	40	6067.38	444.882
2583.5	40	6064.55	446.125
2590.1	40	6061.85	447.369
2596.8	40	6059.11	448.612
2603.5	40	6056.27	449.861
2610.1	40	6053.52	451.112
2616.8	40	6050.69	452.366
2623.5	40	6047.92	453.621
2630.1	40	6045.01	454.875
2636.8	40	6042.23	456.135
2643.5	40	6039.43	457.398
2650.1	40	6036.44	458.663
2656.8	40	6033.6	459.925
2663.5	40	6030.68	461.195
2670.1	40	6027.68	462.467

7235.28	244.028
7234.18	244.415
7233.09	244.802
7231.98	245.190
7230.91	245.579
7229.86	245.969
7228.8	246.359
7227.72	246.750
7226.64	247.142
7225.56	247.535
7224.48	247.927
7223.43	248.322
7222.36	248.717
7221.25	249.113
7220.14	249.509
7219.03	249.905
7217.92	250.303
7216.81	250.702
7215.7	251.102
7214.58	251.501
7213.48	251.902
7212.39	252.304
7211.3	252.707
7210.21	253.109
7209.12	253.514
7208.03	253.919
7206.94	254.324
7205.85	254.731
7204.75	255.137
7203.65	255.545
7202.54	255.954
7201.43	256.363
7200.32	256.774
7199.2	257.183
7198.07	257.595
7196.93	258.008
7195.8	258.422
7194.7	258.835
7193.59	259.250
7192.44	259.666

8181.12	25.02
8181.57	24.89
8182.01	24.76
8182.46	24.64
8182.91	24.51
8183.35	24.39
8183.8	24.26
8184.24	24.14
8184.68	24.02
8185.12	23.89
8185.56	23.77
8186	23.65
8186.44	23.53
8186.87	23.40
8187.31	23.28
8187.74	23.16
8188.17	23.04
8188.59	22.92
8189.02	22.80
8189.45	22.68
8189.88	22.56
8190.31	22.44
8190.73	22.32
8191.16	22.21
8191.58	22.09
8192	21.97
8192.42	21.85
8192.84	21.74
8193.26	21.62
8193.68	21.50
8194.09	21.39
8194.51	21.27
8194.92	21.16
8195.33	21.04
8195.74	20.93
8196.15	20.82
8196.56	20.70
8196.97	20.59
8197.37	20.48
8197.77	20.36

2796.13	1957.24
2796.15	1962.77
2796.14	1968.30
2796.15	1973.83
2796.15	1979.36
2796.21	1984.89
2796.19	1990.41
2796.22	1995.95
2796.17	2001.48
2796.14	2007.02
2796.2	2012.53
2796.16	2018.06
2796.21	2023.60
2796.18	2029.13
2796.17	2034.67
2796.16	2040.18
2796.23	2045.71
2796.17	2051.25
2796.16	2056.78
2796.22	2062.30
2796.21	2067.83
2796.2	2073.37
2796.2	2078.90
2796.2	2084.41
2796.16	2089.95
2796.16	2095.48
2796.15	2101.02
2796.19	2106.55
2796.22	2112.07
2796.2	2117.60
2796.18	2123.13
2796.18	2128.67
2796.2	2134.20
2796.17	2139.72
2796.22	2145.25
2796.18	2150.79
2796.17	2156.32
2796.2	2161.83
2796.16	2167.37
2796.17	2172.90

2676.8	40	6024.74	463.741
2683.4	40	6021.82	465.013
2690.1	40	6018.86	466.292
2696.8	40	6015.8	467.573
2703.5	40	6012.85	468.857
2710.1	40	6005.48	470.148
2716.8	40	5996.32	471.441
2723.5	40	5986.98	472.746
2730.1	40	5977.34	474.059
2736.8	40	5967.72	475.379
2743.5	40	5958.12	476.708
2750.1	40	5948.26	478.039
2756.8	40	5938.35	479.384
2763.5	40	5928.37	480.736
2770.1	40	5918.19	482.097
2776.8	40	5908.03	483.461
2783.5	40	5897.74	484.839
2790.1	40	5887.16	486.225
2796.8	40	5876.56	487.620
2803.5	40	5865.97	489.023
2810.1	40	5855.11	490.430
2816.8	40	5843.23	491.853
2823.5	40	5832.79	493.283
2830.1	40	5821.69	494.723
2836.8	40	5810.49	496.167
2843.5	40	5799.06	497.625
2850.1	40	5787.39	499.094
2856.8	40	5775.69	500.572
2863.5	40	5763.89	502.059
2870.1	40	5751.72	503.552
2876.8	40	5739.5	505.060
2883.5	40	5727.19	506.578
2890.1	40	5714.62	508.107
2896.8	40	5701.85	509.642
2903.5	40	5688.34	511.192
2910.1	40	5675.65	512.754
2916.8	40	5662.71	514.327
2923.5	40	5649.41	515.911
2930.1	40	5635.94	517.500
2936.8	40	5622.29	519.107

7191.21	260.082
7189.93	260.498
7188.69	260.917
7187.49	261.336
7186.31	261.756
7185.15	262.177
7184.01	262.598
7182.87	263.020
7181.74	263.444
7180.61	263.868
7179.48	264.293
7178.36	264.717
7177.23	265.143
7176.11	265.570
7174.96	265.998
7173.81	266.426
7172.66	266.855
7171.52	267.286
7170.38	267.717
7169.24	268.149
7168.1	268.580
7166.96	269.014
7165.85	269.449
7164.76	269.884
7163.66	270.318
7162.5	270.755
7161.34	271.192
7160.17	271.631
7158.99	272.070
7157.81	272.508
7156.64	272.949
7155.47	273.391
7154.3	273.833
7153.13	274.275
7151.98	274.719
7150.82	275.164
7149.66	275.610
7148.49	276.056
7147.33	276.502
7146.16	276.950

8198.16	20.25
8198.56	20.14
8198.96	20.03
8199.35	19.92
8199.75	19.81
8200.15	19.70
8200.54	19.59
8200.94	19.48
8201.39	19.37
8201.82	19.26
8202.23	19.16
8202.63	19.05
8203.02	18.94
8203.4	18.83
8203.78	18.73
8204.16	18.62
8204.54	18.51
8204.91	18.41
8205.28	18.30
8205.65	18.20
8206.02	18.10
8206.39	17.99
8206.75	17.89
8207.12	17.79
8207.48	17.68
8207.83	17.58
8208.19	17.48
8208.54	17.38
8208.9	17.28
8209.25	17.18
8209.61	17.08
8209.96	16.98
8210.32	16.88
8210.67	16.78
8211.02	16.68
8211.36	16.58
8211.7	16.48
8212.04	16.39
8212.38	16.29
8212.72	16.19

2796.17	2178.44
2796.15	2183.95
2796.21	2189.49
2796.17	2195.02
2796.21	2200.55
2796.21	2206.09
2796.16	2211.60
2796.16	2217.14
2796.2	2222.67
2796.14	2228.21
2796.16	2233.74
2796.22	2239.25
2796.18	2244.79
2796.18	2250.32
2796.2	2255.86
2796.19	2261.37
2796.15	2266.90
2796.19	2272.44
2796.22	2277.97
2796.19	2283.51
2796.21	2289.02
2796.19	2294.56
2796.17	2300.09
2796.17	2305.62
2796.22	2311.14
2796.24	2316.67
2796.19	2322.21
2796.16	2327.74
2796.14	2333.28
2796.15	2338.79
2796.2	2344.32
2796.19	2349.86
2796.23	2355.39
2796.22	2360.91
2796.17	2366.44
2796.2	2371.97
2796.19	2377.51
2796.18	2383.04
2796.19	2388.56
2796.18	2394.09

2943.5	40	5608.46	520.726
2950.1	40	5594.19	522.357
2956.8	40	5579.86	523.994
2963.5	40	5565.36	525.650
2970.1	40	5549.15	527.320
2976.8	40	5535.19	529.001
2983.4	40	5520.49	530.690
2990.1	40	5505.31	532.397
2996.8	40	5489.8	534.118
3003.5	40	5474.31	535.853
3010.1	40	5458.56	537.601
3016.8	40	5443.01	539.356
3023.5	40	5426.9	541.132
3030.1	40	5410.01	542.923
3036.8	40	5393.99	544.728
3043.4	40	5377.6	546.541
3050.1	40	5361.14	548.375
3056.8	40	5344	550.225
3063.5	40	5330.82	552.087
3070.1	40	5311.48	553.966
3076.8	40	5291.85	555.856
3083.5	40	5272.74	557.769
3090.1	40	5254.09	559.700
3096.8	40	5234.93	561.648
3103.5	40	5215.75	563.613
3110.1	40	5196.79	565.589
3116.8	40	5177.61	567.590
3123.5	40	5157.95	569.608
3130.1	40	5138.15	571.645
3136.8	40	5118.37	573.693
3143.5	40	5098.14	575.767
3150.1	40	5077.84	577.860
3156.8	40	5057.7	579.973
3163.4	40	5037.19	582.096
3170.1	40	5016.48	584.248
3176.8	40	4995.94	586.418
3183.5	40	4975.18	588.609
3190.1	40	4954.1	590.820
3196.8	40	4933.21	593.043
3203.5	40	4912.28	595.294

7145.02	277.399
7143.8	277.849
7142.7	278.298
7141.51	278.749
7140.35	279.202
7139.16	279.655
7137.96	280.107
7136.78	280.562
7135.59	281.017
7134.4	281.474
7133.22	281.931
7132.04	282.387
7130.86	282.846
7129.66	283.306
7128.47	283.766
7127.29	284.226
7126.11	284.688
7124.94	285.151
7123.76	285.615
7122.58	286.080
7121.41	286.543
7120.24	287.010
7119.1	287.477
7117.96	287.945
7116.75	288.413
7115.52	288.881
7114.33	289.352
7113.14	289.823
7111.95	290.295
7110.76	290.766
7109.57	291.240
7108.38	291.715
7107.18	292.190
7105.98	292.665
7104.79	293.142
7103.59	293.620
7102.37	294.099
7101.15	294.579
7099.9	295.057
7098.66	295.539

8213.05	16.10
8213.39	16.00
8213.73	15.91
8214.06	15.81
8214.4	15.72
8214.73	15.62
8215.06	15.53
8215.39	15.43
8215.71	15.34
8216.04	15.25
8216.36	15.16
8216.68	15.06
8217	14.97
8217.31	14.88
8217.62	14.79
8217.93	14.70
8218.24	14.61
8218.55	14.52
8218.87	14.43
8219.17	14.34
8219.48	14.26
8219.79	14.17
8220.09	14.08
8220.4	13.99
8220.7	13.91
8221	13.82
8221.3	13.74
8221.59	13.65
8221.89	13.57
8222.18	13.48
8222.48	13.40
8222.77	13.31
8223.1	13.23
8223.43	13.15
8223.74	13.06
8224.04	12.98
8224.32	12.90
8224.6	12.82
8224.88	12.74
8225.15	12.66

2796.21	2399.63
2796.15	2405.16
2796.17	2410.67
2796.18	2416.21
2796.21	2421.74
2796.17	2427.28
2796.25	2432.79
2796.16	2438.33
2796.18	2443.86
2796.18	2449.39
2796.2	2454.93
2796.19	2460.44
2796.18	2465.98
2796.24	2471.51
2796.22	2477.04
2796.2	2482.56
2796.2	2488.09
2796.15	2493.63
2796.15	2499.16
2796.2	2504.70
2796.25	2510.21
2796.22	2515.74
2796.19	2521.28
2796.2	2526.81
2796.2	2532.35
2796.18	2537.86
2796.17	2543.40
2796.17	2548.93
2796.16	2554.46
2796.16	2559.98
2796.17	2565.51
2796.18	2571.05
2796.19	2576.58
2796.21	2582.10
2796.2	2587.63
2796.22	2593.16
2796.16	2598.70
2796.16	2604.23
2796.19	2609.75
2796.18	2615.28

3210.1	40	4891.14	597.566
3216.8	40	4869.8	599.858
3223.5	40	4848.69	602.172
3230.1	40	4827.64	604.498
3236.8	40	4806.51	606.853
3243.5	40	4785.35	609.229
3250.1	40	4764.41	611.626
3256.8	40	4743.73	614.035
3263.5	40	4723.14	616.474
3270.1	40	4702.59	618.933
3276.8	40	4682.1	621.413
3283.4	40	4661.82	623.906
3290.1	40	4641.88	626.427
3296.8	40	4622.11	628.969
3303.5	40	4602.48	631.532
3310.1	40	4582.98	634.115
3316.8	40	4563.62	636.708
3323.5	40	4544.55	639.332
3330.1	40	4525.84	641.975
3336.8	40	4507.52	644.637
3343.5	40	4489.47	647.319
3350.1	40	4471.7	650.010
3356.8	40	4454.24	652.730
3363.5	40	4437.11	655.468
3370.1	40	4420.32	658.225
3376.8	40	4403.86	660.989
3383.5	40	4387.97	663.781
3390.1	40	4372.41	666.590
3396.8	40	4357.26	669.416
3403.5	40	4342.69	672.258
3410.1	40	4328.63	675.105
3416.8	40	4314.98	677.978
3423.5	40	4301.84	680.866
3430.1	40	4289.32	683.768
3436.8	40	4277.29	686.673
3443.5	40	4265.8	689.601
3450.1	40	4254.88	692.542
3456.8	40	4244.54	695.495
3463.4	40	4234.76	698.448
3470.1	40	4225.56	701.423

7097.42	296.021	8225.41	12.58	2796.21	2620.81
7096.21	296.504	8225.67	12.50	2796.19	2626.35
7095.03	296.988	8225.93	12.42	2796.19	2631.88
7093.76	297.472	8226.19	12.34	2796.17	2637.40
7092.43	297.957	8226.46	12.26	2796.23	2642.93
7091.14	298.444	8226.72	12.18	2796.2	2648.47
7089.86	298.932	8226.98	12.10	2796.18	2654.00
7088.59	299.419	8227.24	12.03	2796.15	2659.51
7087.35	299.908	8227.5	11.95	2796.19	2665.05
7086.13	300.398	8227.75	11.87	2796.15	2670.58
7084.92	300.889	8228.01	11.80	2796.17	2676.12
7083.71	301.380	8228.26	11.72	2796.17	2681.63
7082.5	301.872	8228.51	11.64	2796.17	2687.17
7081.3	302.366	8228.76	11.57	2796.19	2692.70
7080.08	302.861	8229.01	11.49	2796.23	2698.23
7078.8	303.356	8229.26	11.42	2796.2	2703.77
7077.54	303.850	8229.51	11.35	2796.19	2709.28
7076.3	304.348	8229.75	11.27	2796.2	2714.82
7075.07	304.846	8229.99	11.20	2796.22	2720.35
7073.85	305.345	8230.23	11.13	2796.19	2725.89
7072.66	305.844	8230.47	11.05	2796.18	2731.42
7071.55	306.343	8230.71	10.98	2796.18	2736.93
7070.39	306.844	8230.94	10.91	2796.18	2742.47
7069.16	307.347	8231.18	10.84	2796.17	2748.00
7067.93	307.850	8231.41	10.77	2796.18	2753.54
7066.7	308.352	8231.64	10.70	2796.2	2759.05
7065.47	308.857	8231.86	10.63	2796.16	2764.59
7064.25	309.362	8232.08	10.56	2796.18	2770.12
7063.02	309.869	8232.3	10.49	2796.21	2775.65
7061.8	310.376	8232.53	10.42	2796.17	2781.19
7060.58	310.883	8232.75	10.35	2796.21	2786.70
7059.36	311.392	8232.97	10.28	2796.22	2792.24
7058.13	311.902	8233.19	10.21	2796.17	2797.77
7056.91	312.413	8233.41	10.15	2796.17	2803.31
7055.68	312.923	8233.63	10.08	2796.23	2808.82
7054.45	313.435	8233.84	10.01	2796.2	2814.35
7053.23	313.949	8234.06	9.95	2796.19	2819.89
7052	314.463	8234.27	9.88	2796.25	2825.42
7050.77	314.976	8234.48	9.81	2796.17	2830.94
7049.53	315.492	8234.7	9.75	2796.17	2836.47

3476.8	40	4215.92	704.408
3483.5	40	4206.16	707.405
3490.1	40	4197.04	710.413
3496.8	40	4188.55	713.419
3503.5	40	4180.64	716.446
3510.1	40	4173.36	719.481
3516.8	40	4166.64	722.524
3523.4	40	4160.71	725.563
3530.1	40	4155.09	728.619
3536.8	40	4149.9	731.681
3543.5	40	4145.2	734.749
3550.1	40	4140.94	737.822
3556.8	40	4137.09	740.889
3563.5	40	4133.62	743.970
3570.1	40	4130.47	747.055
3576.8	40	4127.69	750.144
3583.4	40	4125.21	753.224
3590.1	40	4123	756.318
3596.8	40	4121.05	759.414
3603.5	40	4119.3	762.513
3610.1	40	4117.81	765.613
3616.8	40	4116.53	768.704
3623.5	40	4115.43	771.806
3630.1	40	4114.53	774.910
3636.8	40	4113.83	778.015
3643.4	40	4113.32	781.109
3650.1	40	4113	784.215
3656.8	40	4112.88	787.321
3663.5	40	4113.06	790.427
3670.1	40	4113.48	793.532
3676.8	40	4114.22	796.625
3683.5	40	4115.41	799.727
3690.1	40	4116.98	802.828
3696.8	40	4117.78	805.928
3703.5	40	4118.22	809.027
3710.1	40	4118.54	812.115
3716.8	40	4118.84	815.214
3723.5	40	4119.16	818.312
3730.1	40	4119.55	821.410
3736.8	40	4120	824.496

740.9

7048.34	316.009	8234.91	9.68	2796.18	2842.01
7047.12	316.527	8235.13	9.62	2796.19	2847.54
7045.86	317.046	8235.33	9.56	2796.2	2853.07
7044.59	317.563	8235.54	9.49	2796.25	2858.59
7043.33	318.084	8235.74	9.43	2796.22	2864.12
7042.07	318.605	8235.94	9.37	2796.19	2869.66
7040.81	319.128	8236.14	9.30	2796.23	2875.19
7039.55	319.649	8236.33	9.24	2796.22	2880.70
7038.29	320.173	8236.53	9.18	2796.2	2886.24
7037.04	320.698	8236.72	9.12	2796.18	2891.77
7035.78	321.224	8236.91	9.05	2796.17	2897.31
7034.53	321.750	8237.1	8.99	2796.14	2902.84
7033.28	322.276	8237.28	8.93	2796.2	2908.36
7032.03	322.804	8237.46	8.87	2796.19	2913.89
7030.77	323.334	8237.64	8.81	2796.18	2919.42
7029.51	323.864	8237.84	8.75	2796.17	2924.96
7028.24	324.393	8238.03	8.69	2796.18	2930.47
7026.99	324.925	8238.27	8.64	2796.19	2936.01
7025.73	325.458	8238.48	8.58	2796.17	2941.54
7024.52	325.992	8238.68	8.52	2796.19	2947.08
7023.32	326.526	8238.86	8.46	2796.19	2952.61
7022.04	327.060	8239.04	8.40	2796.21	2958.12
7020.77	327.596	8239.21	8.35	2796.2	2963.66
7019.5	328.134	8239.38	8.29	2796.18	2969.19
7018.23	328.672	8239.55	8.23	2796.2	2974.73
7016.96	329.209	8239.72	8.18	2796.16	2980.24
7015.69	329.749	8239.88	8.12	2796.17	2985.78
7014.39	330.290	8240.04	8.07	2796.24	2991.31
7013.12	330.832	8240.2	8.01	2796.21	2996.84
7011.83	331.375	8240.36	7.96	2796.23	3002.38
7010.54	331.916	8240.52	7.90	2796.17	3007.89
7009.24	332.461	8240.68	7.85	2796.21	3013.43
7007.98	333.006	8240.84	7.80	2796.21	3018.96
7006.7	333.553	8240.99	7.74	2796.18	3024.49
7005.42	334.100	8241.15	7.69	2796.22	3030.03
7004.14	334.646	8241.3	7.64	2796.19	3035.54
7002.86	335.195	8241.45	7.58	2796.19	3041.08
7001.59	335.745	8241.58	7.53	2796.14	3046.61
7000.35	336.296	8241.72	7.48	2796.18	3052.15
6999.12	336.846	8241.87	7.43	2796.17	3057.66

3743.5	40	4120.53	827.593
3750.1	40	4121.15	830.689
3756.8	40	4121.84	833.784
3763.4	40	4122.62	836.867
3770.1	40	4123.47	839.960
3776.8	40	4124.35	843.052
3783.5	40	4125.22	846.143
3790.1	40	4126.05	849.233
3796.8	40	4126.75	852.311
3803.5	40	4127.38	855.399
3810.1	40	4128.06	858.487
3816.8	40	4128.86	861.573
3823.5	40	4129.85	864.659
3830.1	40	4131.09	867.732
3836.8	40	4132.48	870.814
3843.5	40	4134.05	873.894
3850.1	40	4135.77	876.973
3856.8	40	4137.49	880.038
3863.5	40	4139.11	883.112
3870.1	40	4140.73	886.184
3876.8	40	4142.43	889.255
3883.4	40	4144.16	892.312
3890.1	40	4145.9	895.378
3896.8	40	4147.52	898.443
3903.5	40	4149.11	901.505
3910.1	40	4150.73	904.566
3916.8	40	4152.39	907.613
3923.5	40	4154.06	910.670
3930.1	40	4155.73	913.725
3936.8	40	4157.38	916.777
3943.5	40	4159.03	919.828
3950.1	40	4160.65	922.866
3956.8	40	4162.24	925.913
3963.5	40	4163.81	928.958
3970.1	40	4165.35	932.001
3976.8	40	4166.86	935.032
3983.5	40	4168.33	938.072
3990.1	40	4169.77	941.110
3996.8	40	4171.16	944.146
4003.5	40	4172.52	947.181

6997.81	337.399	8242.01	7.38	2796.2	3063.19
6996.51	337.953	8242.16	7.33	2796.18	3068.73
6995.21	338.507	8242.3	7.28	2796.18	3074.26
6993.92	339.061	8242.44	7.23	2796.24	3079.78
6992.62	339.617	8242.58	7.18	2796.22	3085.31
6991.33	340.174	8242.72	7.13	2796.21	3090.84
6990.04	340.732	8242.86	7.08	2796.18	3096.38
6988.75	341.292	8243	7.03	2796.21	3101.91
6987.46	341.850	8243.14	6.98	2796.15	3107.43
6986.17	342.411	8243.27	6.93	2796.16	3112.96
6984.88	342.973	8243.4	6.88	2796.18	3118.50
6983.61	343.535	8243.53	6.84	2796.23	3124.03
6982.33	344.099	8243.67	6.79	2796.2	3129.56
6981.06	344.662	8243.8	6.74	2796.17	3135.08
6979.79	345.227	8243.92	6.70	2796.14	3140.61
6978.51	345.794	8244.05	6.65	2796.19	3146.15
6977.27	346.361	8244.18	6.60	2796.2	3151.68
6976.03	346.927	8244.3	6.56	2796.21	3157.20
6974.75	347.496	8244.42	6.51	2796.2	3162.73
6973.45	348.066	8244.56	6.47	2796.2	3168.26
6972.14	348.637	8244.69	6.42	2796.24	3173.80
6970.87	349.207	8244.8	6.38	2796.18	3179.31
6969.6	349.780	8244.91	6.33	2796.21	3184.85
6968.32	350.353	8245.02	6.29	2796.18	3190.38
6967.02	350.928	8245.14	6.24	2796.18	3195.91
6965.72	351.504	8245.25	6.20	2796.16	3201.45
6964.42	352.078	8245.36	6.16	2796.21	3206.96
6963.11	352.655	8245.47	6.12	2796.16	3212.50
6961.8	353.234	8245.58	6.07	2796.2	3218.03
6960.48	353.813	8245.69	6.03	2796.17	3223.57
6959.16	354.393	8245.8	5.99	2796.2	3229.10
6957.86	354.972	8245.91	5.95	2796.15	3234.61
6956.53	355.554	8246.01	5.91	2796.17	3240.15
6955.21	356.138	8246.12	5.86	2796.23	3245.68
6953.94	356.721	8246.23	5.82	2796.21	3251.22
6952.66	357.304	8246.34	5.78	2796.18	3256.73
6951.34	357.890	8246.44	5.74	2796.19	3262.27
6950.02	358.477	8246.54	5.70	2796.17	3267.80
6948.7	359.065	8246.68	5.66	2796.18	3273.33
6947.38	359.653	8246.81	5.62	2796.18	3278.87

4010.1	40	4173.83	950.204
4016.8	40	4175.1	953.235
4023.5	40	4176.33	956.266
4030.1	40	4177.51	959.295
4036.8	40	4178.65	962.312
4043.5	40	4179.73	965.338
4050.1	40	4180.76	968.363
4056.8	40	4181.76	971.388
4063.5	40	4182.7	974.410
4070.1	40	4183.61	977.422
4076.8	40	4184.46	980.443
4083.5	40	4185.27	983.463
4090.1	40	4186.03	986.482
4096.8	40	4186.75	989.489
4103.5	40	4187.43	992.507
4110.1	40	4188.06	995.523
4116.8	40	4188.66	998.539
4123.5	40	4189.22	1001.555
4130.1	40	4189.74	1004.559
4136.8	40	4190.23	1007.573
4143.5	40	4190.69	1010.587
4150.1	40	4191.11	1013.600
4156.8	40	4191.5	1016.602
4163.5	40	4191.87	1019.614
4170.1	40	4192.21	1022.626
4176.8	40	4192.52	1025.638
4183.4	40	4192.81	1028.638
4190.1	40	4193.07	1031.649
4196.8	40	4193.32	1034.660
4203.5	40	4193.54	1037.670
4210.1	40	4193.74	1040.680
4216.8	40	4193.92	1043.680
4223.5	40	4194.09	1046.689
4230.1	40	4194.24	1049.699
4236.8	40	4194.37	1052.708
4243.4	40	4194.49	1055.707
4250.1	40	4194.6	1058.716
4256.8	40	4194.68	1061.725
4263.5	40	4194.81	1064.734
4270.1	40	4194.97	1067.743

6946.06	360.241
6944.74	360.831
6943.41	361.423
6942.07	362.015
6940.31	362.607
6938.62	363.202
6937.02	363.798
6935.51	364.395
6934.07	364.993
6932.68	365.590
6931.34	366.190
6930.03	366.791
6928.77	367.393
6927.54	367.994
6926.24	368.598
6924.95	369.202
6923.67	369.808
6922.39	370.414
6921.12	371.020
6919.85	371.628
6918.6	372.237
6917.32	372.847
6916.04	373.456
6914.82	374.068
6913.66	374.681
6912.42	375.295
6911.23	375.907
6910.01	376.522
6908.76	377.139
6907.53	377.756
6906.34	378.374
6905.16	378.990
6903.88	379.610
6902.61	380.231
6901.31	380.853
6900	381.473
6898.69	382.096
6897.38	382.721
6896.11	383.346
6894.86	383.973

8246.93	5.58
8247.03	5.55
8247.13	5.51
8247.22	5.47
8247.31	5.43
8247.39	5.39
8247.47	5.35
8247.56	5.32
8247.65	5.28
8247.74	5.24
8247.82	5.21
8247.91	5.17
8247.99	5.13
8248.06	5.10
8248.13	5.06
8248.2	5.03
8248.27	4.99
8248.34	4.96
8248.42	4.92
8248.49	4.89
8248.56	4.86
8248.63	4.82
8248.7	4.79
8248.77	4.75
8248.83	4.72
8248.9	4.69
8248.96	4.66
8249.03	4.62
8249.09	4.59
8249.14	4.56
8249.2	4.53
8249.26	4.50
8249.32	4.47
8249.38	4.43
8249.43	4.40
8249.49	4.37
8249.55	4.34
8249.61	4.31
8249.66	4.28
8249.72	4.25

2796.2	3284.38
2796.23	3289.92
2796.15	3295.45
2796.19	3300.99
2796.17	3306.50
2796.17	3312.03
2796.15	3317.57
2796.2	3323.10
2796.25	3328.64
2796.18	3334.15
2796.18	3339.69
2796.14	3345.22
2796.2	3350.75
2796.22	3356.27
2796.19	3361.80
2796.25	3367.34
2796.21	3372.87
2796.22	3378.40
2796.16	3383.92
2796.22	3389.45
2796.17	3394.99
2796.18	3400.52
2796.21	3406.04
2796.17	3411.57
2796.18	3417.10
2796.21	3422.64
2796.19	3428.15
2796.19	3433.69
2796.15	3439.22
2796.18	3444.76
2796.17	3450.29
2796.16	3455.80
2796.2	3461.34
2796.21	3466.87
2796.19	3472.41
2796.16	3477.92
2796.23	3483.46
2796.17	3488.99
2796.15	3494.52
2796.16	3500.06

4276.8	40	4195.11	1070.741
4283.5	40	4195.2	1073.749
4290.1	40	4195.26	1076.758
4296.8	40	4195.33	1079.766
4303.5	40	4195.4	1082.774
4310.1	40	4195.47	1085.771
4316.8	40	4195.51	1088.780
4323.5	40	4195.53	1091.788
4330.1	40	4195.54	1094.796
4336.8	40	4195.53	1097.793
4343.5	40	4195.51	1100.801
4350.1	40	4195.49	1103.809
4356.8	40	4195.45	1106.818
4363.4	40	4195.42	1109.815
4370.1	40	4195.38	1112.823
4376.8	40	4195.32	1115.832
4383.5	40	4195.2	1118.840
4390.1	40	4195.09	1121.849
4396.8	40	4194.98	1124.847
4403.5	40	4194.89	1127.856
4410.1	40	4194.81	1130.865
4416.8	40	4194.72	1133.874
4423.5	40	4194.64	1136.883
4430.1	40	4194.62	1139.881
4436.8	40	4194.58	1142.891
4443.5	40	4194.51	1145.900
4450.1	40	4194.44	1148.909
4456.8	40	4194.37	1151.908
4463.5	40	4194.32	1154.917
4470.1	40	4194.26	1157.927
4476.8	40	4194.22	1160.937
4483.4	40	4194.17	1163.936
4490.1	40	4194.13	1166.945
4496.8	40	4194.1	1169.955
4503.5	40	4194.07	1172.965
4510.1	40	4194.04	1175.975
4516.8	40	4194.02	1178.974
4523.5	40	4194	1181.984
4530.1	40	4193.99	1184.994
4536.8	40	4193.98	1188.004

6893.58	384.597
6892.29	385.226
6890.98	385.855
6889.66	386.485
6888.33	387.116
6886.99	387.745
6885.65	388.378
6884.35	389.012
6883.05	389.647
6881.76	390.280
6880.43	390.917
6879.09	391.555
6877.74	392.193
6876.38	392.830
6875.02	393.471
6873.66	394.113
6872.3	394.755
6870.94	395.399
6869.56	396.041
6868.2	396.686
6866.83	397.333
6865.45	397.980
6864.16	398.629
6862.85	399.276
6861.57	399.926
6860.33	400.577
6858.96	401.229
6857.6	401.880
6856.24	402.534
6854.55	403.189
6852.42	403.846
6850.42	404.502
6848.62	405.162
6846.98	405.823
6845.44	406.485
6843.96	407.148
6842.56	407.809
6841.2	408.474
6839.88	409.140
6838.59	409.807

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8249.88	4.17
8249.93	4.14
8249.98	4.11
8250.03	4.08
8250.11	4.05
8250.19	4.02
8250.25	4.00
8250.3	3.97
8250.35	3.94
8250.39	3.91
8250.43	3.89
8250.46	3.86
8250.5	3.83
8250.54	3.81
8250.57	3.78
8250.61	3.76
8250.65	3.73
8250.69	3.71
8250.73	3.68
8250.76	3.65
8250.8	3.63
8250.83	3.60
8250.86	3.58
8250.9	3.56
8250.93	3.53
8250.96	3.51
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8251.03	3.46
8251.06	3.44
8251.09	3.41
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8251.14	3.37
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8251.19	3.30
8251.21	3.28
8251.23	3.26
8251.25	3.23

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2796.21	3511.11
2796.21	3516.64
2796.2	3522.18
2796.21	3527.71
2796.2	3533.22
2796.18	3538.76
2796.21	3544.29
2796.17	3549.83
2796.2	3555.34
2796.18	3560.87
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2796.19	3571.94
2796.16	3577.46
2796.18	3582.99
2796.23	3588.53
2796.17	3594.06
2796.21	3599.59
2796.17	3605.11
2796.22	3610.64
2796.17	3616.18
2796.22	3621.71
2796.21	3627.25
2796.19	3632.76
2796.2	3638.29
2796.17	3643.83
2796.18	3649.36
2796.16	3654.88
2796.17	3660.41
2796.17	3665.95
2796.18	3671.48
2796.21	3676.99
2796.2	3682.53
2796.17	3688.06
2796.2	3693.60
2796.21	3699.13
2796.2	3704.64
2796.16	3710.18
2796.22	3715.71
2796.22	3721.25

4543.5	40	4194.01	1191.014
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4556.8	40	4194.04	1197.022
4563.5	40	4194.03	1200.032
4570.1	40	4194.05	1203.042
4576.8	40	4194.08	1206.041
4583.5	40	4194.11	1209.051
4590.1	40	4194.14	1212.061
4596.8	40	4194.17	1215.070
4603.5	40	4194.2	1218.080
4610.1	40	4194.22	1221.079
4616.8	40	4194.24	1224.088
4623.5	40	4194.26	1227.098
4630.1	40	4194.28	1230.108
4636.8	40	4194.31	1233.106
4643.5	40	4194.34	1236.116
4650.1	40	4194.37	1239.125
4656.8	40	4194.42	1242.135
4663.4	40	4194.47	1245.133
4670.1	40	4194.52	1248.143
4676.8	40	4194.58	1251.152
4683.5	40	4194.64	1254.161
4690.1	40	4194.71	1257.170
4696.8	40	4194.79	1260.168
4703.5	40	4194.87	1263.177
4710.1	40	4194.95	1266.186
4716.8	40	4195.04	1269.194
4723.4	40	4195.13	1272.192
4730.1	40	4195.22	1275.201
4736.8	40	4195.32	1278.209
4743.5	40	4195.41	1281.217
4750.1	40	4195.51	1284.225
4756.8	40	4195.61	1287.223
4763.5	40	4195.71	1290.230
4770.1	40	4195.81	1293.238
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4783.4	40	4196.01	1299.243
4790.1	40	4196.11	1302.250
4796.8	40	4196.21	1305.257
4803.5	40	4196.3	1308.265

6837.33	410.475
6836.11	411.141
6834.92	411.810
6833.63	412.481
6832.35	413.152
6831.09	413.822
6829.81	414.495
6828.48	415.169
6827.18	415.845
6825.89	416.521
6824.6	417.195
6823.31	417.873
6822.02	418.552
6820.73	419.232
6819.44	419.910
6818.15	420.592
6816.85	421.274
6815.59	421.958
6814.33	422.640
6813	423.325
6811.65	424.011
6810.32	424.699
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6807.64	426.074
6806.31	426.764
6804.97	427.455
6803.64	428.148
6802.28	428.838
6800.93	429.532
6799.57	430.228
6798.2	430.924
6796.84	431.621
6795.53	432.316
6794.27	433.015
6792.89	433.715
6791.54	434.416
6790.17	435.116
6788.8	435.819
6787.42	436.523
6786.05	437.228

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2796.16	3798.67
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2796.19	3826.30
2796.18	3831.83
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2796.21	3914.78
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2796.2	3936.90
2796.21	3942.44

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4856.8	40	4197.06	1332.297
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4870.1	40	4197.23	1338.309
4876.8	40	4197.31	1341.304
4883.5	40	4197.39	1344.310
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4903.4	40	4197.61	1353.317
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4916.8	40	4197.79	1359.328
4923.5	40	4197.88	1362.333
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4936.8	40	4198.03	1368.333
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5070.1	40	4199.09	1428.379

6784.51	437.934
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6769.25	444.346
6767.96	445.062
6766.7	445.781
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6764.2	447.222
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6761.73	448.664
6760.47	449.387
6759.21	450.112
6757.95	450.837
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6746.52	457.402
6745.2	458.135
6743.86	458.870
6742.53	459.607
6741.17	460.345
6739.79	461.081
6738.42	461.821
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6731.63	465.531
6730.22	466.277

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8251.44	1.99
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2796.18	3947.97
2796.21	3953.48
2796.16	3959.02
2796.22	3964.55
2796.16	3970.09
2796.14	3975.60
2796.22	3981.13
2796.19	3986.67
2796.23	3992.20
2796.21	3997.74
2796.22	4003.25
2796.23	4008.79
2796.19	4014.32
2796.18	4019.85
2796.2	4025.37
2796.24	4030.90
2796.17	4036.44
2796.2	4041.97
2796.21	4047.50
2796.18	4053.02
2796.18	4058.55
2796.17	4064.09
2796.15	4069.62
2796.18	4075.14
2796.17	4080.67
2796.22	4086.20
2796.22	4091.74
2796.2	4097.27
2796.21	4102.79
2796.25	4108.32
2796.17	4113.86
2796.22	4119.39
2796.18	4124.90
2796.18	4130.44
2796.24	4135.97
2796.16	4141.51
2796.21	4147.04
2796.17	4152.55
2796.21	4158.09
2796.18	4163.62

5076.8	40	4199.13	1431.383
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5110.1	40	4199.3	1446.391
5116.8	40	4199.33	1449.384
5123.5	40	4199.37	1452.388
5130.1	40	4199.41	1455.391
5136.8	40	4199.44	1458.395
5143.4	40	4199.47	1461.388
5150.1	40	4199.5	1464.391
5156.8	40	4199.53	1467.395
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5170.1	40	4199.58	1473.401
5176.8	40	4199.6	1476.394
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5296.8	40	4199.98	1530.407
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5336.8	40	4200.07	1548.413

6728.8	467.024
6727.37	467.769
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6724.53	469.268
6722	470.020
6719.48	470.774
6717.3	471.526
6715.38	472.283
6713.66	473.041
6712.07	473.800
6710.64	474.557
6709.31	475.318
6708	476.080
6706.67	476.843
6705.36	477.607
6704.07	478.370
6702.8	479.136
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6677.37	493.858
6675.87	494.644
6674.34	495.428
6672.82	496.216
6671.35	497.005

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8251.24	1.87
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2796.2	4340.58
2796.19	4346.11
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2796.18	4357.16
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2796.17	4379.28
2796.14	4384.81

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6613.59	527.019
6610.94	527.853
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6606.42	529.523

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8250.04	1.46
8250	1.46
8249.97	1.45
8249.94	1.44
8249.91	1.43
8249.88	1.43
8249.85	1.42
8249.81	1.41
8249.78	1.41
8249.75	1.40
8249.72	1.39
8249.68	1.39
8249.64	1.38
8249.6	1.37
8249.57	1.37
8249.53	1.36
8249.5	1.35
8249.46	1.35
8249.43	1.34
8249.4	1.34
8249.36	1.33
8249.33	1.32
8249.29	1.32
8249.26	1.31
8249.22	1.31
8249.18	1.30
8249.14	1.29
8249.11	1.29

2796.17	4390.35
2796.18	4395.88
2796.19	4401.40
2796.21	4406.93
2796.16	4412.47
2796.17	4418.00
2796.16	4423.51
2796.24	4429.05
2796.24	4434.58
2796.19	4440.12
2796.24	4445.65
2796.19	4451.16
2796.17	4456.70
2796.2	4462.23
2796.2	4467.77
2796.17	4473.30
2796.17	4478.82
2796.16	4484.35
2796.2	4489.88
2796.2	4495.42
2796.18	4500.93
2796.19	4506.47
2796.22	4512.00
2796.19	4517.54
2796.18	4523.05
2796.18	4528.58
2796.17	4534.12
2796.2	4539.65
2796.2	4545.19
2796.18	4550.70
2796.19	4556.24
2796.23	4561.77
2796.17	4567.30
2796.2	4572.82
2796.2	4578.35
2796.18	4583.89
2796.19	4589.42
2796.17	4594.95
2796.17	4600.47
2796.17	4606.00

5610.1	40	4200.5	1671.420
5616.8	40	4200.51	1674.422
5623.4	40	4200.52	1677.414
5630.1	40	4200.52	1680.416
5636.8	40	4200.53	1683.419
5643.5	40	4200.54	1686.421
5650.1	40	4200.55	1689.423
5656.8	40	4200.56	1692.414
5663.5	40	4200.56	1695.417
5670.1	40	4200.57	1698.419
5676.8	40	4200.57	1701.421
5683.4	40	4200.58	1704.413
5690.1	40	4200.59	1707.415
5696.8	40	4200.6	1710.417
5703.5	40	4200.6	1713.419
5710.1	40	4200.61	1716.421
5716.8	40	4200.61	1719.413
5723.5	40	4200.62	1722.415
5730.1	40	4200.63	1725.417
5736.8	40	4200.63	1728.419
5743.4	40	4200.64	1731.411
5750.1	40	4200.64	1734.413
5756.8	40	4200.65	1737.415
5763.5	40	4200.65	1740.417
5770.1	40	4200.66	1743.419
5776.8	40	4200.66	1746.411
5783.5	40	4200.67	1749.413
5790.1	40	4200.67	1752.415
5796.8	40	4200.68	1755.417
5803.4	40	4200.68	1758.408
5810.1	40	4200.69	1761.410
5816.8	40	4200.69	1764.413
5823.5	40	4200.7	1767.415
5830.1	40	4200.7	1770.417
5836.8	40	4200.71	1773.408
5843.5	40	4200.71	1776.410
5850.1	40	4200.72	1779.412
5856.8	40	4200.72	1782.414
5863.4	40	4200.72	1785.405
5870.1	40	4200.73	1788.408

6604.52	530.361	8249.07	1.28	2796.16	4611.54
6602.78	531.201	8249.03	1.28	2796.18	4617.07
6601.06	532.039	8249	1.27	2796.26	4622.59
6599.4	532.882	8248.96	1.27	2796.25	4628.12
6597.82	533.725	8248.93	1.26	2796.19	4633.65
6596.26	534.570	8248.89	1.25	2796.17	4639.19
6594.78	535.416	8248.86	1.25	2796.2	4644.72
6593.32	536.259	8248.82	1.24	2796.21	4650.24
6591.87	537.107	8248.78	1.24	2796.16	4655.77
6590.43	537.956	8248.74	1.23	2796.18	4661.31
6589	538.806	8248.7	1.23	2796.19	4666.84
6587.57	539.655	8248.66	1.22	2796.21	4672.35
6586.11	540.507	8248.62	1.22	2796.2	4677.89
6584.68	541.360	8248.59	1.21	2796.23	4683.42
6583.11	542.214	8248.55	1.21	2796.16	4688.96
6580.85	543.071	8248.51	1.20	2796.15	4694.49
6578.57	543.926	8248.48	1.20	2796.2	4700.01
6576.53	544.785	8248.44	1.19	2796.17	4705.54
6574.7	545.646	8248.41	1.19	2796.19	4711.07
6573.03	546.508	8248.37	1.18	2796.18	4716.61
6571.48	547.368	8248.33	1.18	2796.21	4722.12
6569.98	548.232	8248.3	1.17	2796.2	4727.66
6568.54	549.098	8248.25	1.17	2796.18	4733.19
6567.1	549.964	8248.21	1.16	2796.24	4738.73
6565.73	550.831	8248.17	1.16	2796.19	4744.26
6564.35	551.697	8248.13	1.15	2796.17	4749.77
6562.93	552.566	8248.09	1.15	2796.21	4755.31
6561.43	553.437	8248.05	1.15	2796.2	4760.84
6559.92	554.309	8248.01	1.14	2796.2	4766.38
6558.41	555.179	8247.97	1.14	2796.22	4771.89
6556.96	556.053	8247.93	1.13	2796.18	4777.42
6555.45	556.928	8247.89	1.13	2796.18	4782.96
6553.96	557.804	8247.85	1.12	2796.18	4788.49
6552.49	558.682	8247.81	1.12	2796.18	4794.03
6549.78	559.558	8247.77	1.11	2796.24	4799.54
6547.33	560.440	8247.73	1.11	2796.16	4805.08
6545.15	561.322	8247.68	1.11	2796.18	4810.61
6543.19	562.207	8247.64	1.10	2796.17	4816.14
6541.41	563.089	8247.6	1.10	2796.17	4821.66
6539.72	563.976	8247.56	1.09	2796.2	4827.19

5876.8	40	4200.73	1791.410
5883.5	40	4200.74	1794.412
5890.1	40	4200.74	1797.414
5896.8	40	4200.74	1800.405
5903.5	40	4200.75	1803.407
5910.1	40	4200.75	1806.409
5916.8	40	4200.76	1809.411
5923.4	40	4200.76	1812.402
5930.1	40	4200.76	1815.404
5936.8	40	4200.77	1818.406
5943.5	40	4200.77	1821.408
5950.1	40	4200.77	1824.410
5956.8	40	4200.78	1827.401
5963.5	40	4200.78	1830.403
5970.1	40	4200.78	1833.405
5976.8	40	4200.79	1836.407
5983.4	40	4200.79	1839.399
5990.1	40	4200.79	1842.401
5996.8	40	4200.8	1845.403
6003.5	40	4200.8	1848.405
6010.1	40	4200.8	1851.407
6016.8	40	4200.81	1854.398
6023.5	40	4200.81	1857.400
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6056.8	40	4200.83	1872.399
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6070.1	40	4200.83	1878.402
6076.8	40	4200.83	1881.394
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6110.1	40	4200.85	1896.392
6116.8	40	4200.85	1899.394
6123.5	40	4200.85	1902.396
6130.1	40	4200.85	1905.398
6136.8	40	4200.86	1908.389

6538.09	564.865	8247.52	1.09	2796.18	4832.73
6536.49	565.754	8247.48	1.09	2796.22	4838.26
6534.86	566.644	8247.44	1.08	2796.2	4843.80
6533.22	567.533	8247.4	1.08	2796.22	4849.31
6531.58	568.426	8247.36	1.07	2796.19	4854.84
6529.92	569.320	8247.32	1.07	2796.15	4860.38
6528.27	570.216	8247.28	1.07	2796.14	4865.91
6526.65	571.110	8247.24	1.06	2796.21	4871.43
6525.13	572.007	8247.19	1.06	2796.17	4876.96
6523.52	572.907	8247.15	1.06	2796.21	4882.50
6521.85	573.807	8247.11	1.05	2796.25	4888.03
6520.3	574.708	8247.06	1.05	2796.26	4893.56
6518.71	575.608	8247.02	1.04	2796.24	4899.08
6516.29	576.513	8246.98	1.04	2796.16	4904.61
6513.64	577.419	8246.94	1.04	2796.18	4910.15
6511.31	578.328	8246.9	1.03	2796.18	4915.68
6509.18	579.234	8246.86	1.03	2796.22	4921.19
6507.17	580.146	8246.82	1.03	2796.22	4926.73
6505.28	581.059	8246.78	1.02	2796.21	4932.26
6503.51	581.973	8246.74	1.02	2796.15	4937.80
6501.79	582.888	8246.69	1.02	2796.19	4943.33
6500.09	583.802	8246.64	1.01	2796.16	4948.85
6498.4	584.720	8246.6	1.01	2796.22	4954.38
6496.72	585.639	8246.56	1.01	2796.18	4959.91
6495.03	586.560	8246.51	1.00	2796.17	4965.45
6493.32	587.478	8246.47	1.00	2796.24	4970.96
6491.65	588.401	8246.43	1.00	2796.18	4976.50
6489.95	589.326	8246.39	0.99	2796.17	4982.03
6488.21	590.251	8246.35	0.99	2796.16	4987.57
6486.57	591.178	8246.31	0.99	2796.17	4993.10
6484.91	592.103	8246.26	0.98	2796.2	4998.61
6483.17	593.033	8246.22	0.98	2796.15	5004.15
6480.57	593.964	8246.18	0.98	2796.22	5009.68
6477.77	594.898	8246.13	0.97	2796.19	5015.22
6475.43	595.830	8246.08	0.97	2796.2	5020.73
6473.24	596.767	8246.04	0.97	2796.18	5026.27
6471.23	597.706	8246	0.97	2796.22	5031.80
6469.33	598.646	8245.95	0.96	2796.21	5037.33
6467.5	599.587	8245.91	0.96	2796.2	5042.87
6465.76	600.526	8245.87	0.96	2796.18	5048.38

5143.5	40	4200.86	1911.391
5150.1	40	4200.86	1914.393
5156.8	40	4200.86	1917.395
5163.4	40	4200.87	1920.386
5170.1	40	4200.87	1923.388
5176.8	40	4200.87	1926.390
5183.5	40	4200.87	1929.392
5190.1	40	4200.88	1932.394
5196.8	40	4200.88	1935.385
5203.5	40	4200.88	1938.387
5210.1	40	4200.88	1941.388
5216.8	40	4200.88	1944.390
5223.4	40	4200.89	1947.381
5230.1	40	4200.89	1950.383
5236.8	40	4200.89	1953.385
5243.5	40	4200.9	1956.387
5250.1	40	4200.9	1959.389
5256.8	40	4200.9	1962.380
5263.5	40	4200.9	1965.382
5270.1	40	4200.9	1968.384
5276.8	40	4200.9	1971.386
5283.4	40	4200.9	1974.377
5290.1	40	4200.91	1977.378
5296.8	40	4200.91	1980.380
5303.5	40	4200.91	1983.382
5310.1	40	4200.91	1986.384
5316.8	40	4200.92	1989.375
5323.5	40	4200.92	1992.377
5330.1	40	4200.92	1995.379
5336.8	40	4200.92	1998.380
5343.4	40	4200.92	2001.372
5350.1	40	4200.92	2004.373
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5370.1	40	4200.93	2013.379
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5383.5	40	4200.93	2019.372
5390.1	40	4200.94	2022.373
5396.8	40	4200.94	2025.375
5403.5	40	4200.94	2028.377

6464.03	601.470
6462.34	602.416
6460.67	603.362
6458.96	604.306
6457.23	605.256
6455.49	606.206
6453.64	607.158
6451.7	608.111
6449.89	609.062
6448.05	610.019
6445.76	610.976
6442.93	611.937
6440.36	612.895
6438.04	613.859
6435.92	614.824
6433.96	615.791
6432.07	616.759
6430.22	617.725
6428.38	618.696
6426.49	619.669
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6422.69	621.615
6420.74	622.591
6418.8	623.570
6416.93	624.550
6415.09	625.531
6413.19	626.510
6411.17	627.494
6409.21	628.480
6407.27	629.467
6404.28	630.453
6401.57	631.444
6399.07	632.438
6396.76	633.433
6394.58	634.430
6392.38	635.424
6390.26	636.425
6388.24	637.426
6386.22	638.429
6384.2	639.434

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8244.24	0.87
8244.2	0.86
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2796.21	5081.57
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2796.18	5092.64
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2796.19	5103.69
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2796.21	5114.75
2796.19	5120.27
2796.18	5125.80
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2796.19	5208.76
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2796.18	5264.06
2796.14	5269.59

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5436.8	40	4200.95	2043.365
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5450.1	40	4200.95	2049.368
5456.8	40	4200.95	2052.370
5463.4	40	4200.96	2055.361
5470.1	40	4200.96	2058.363
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5490.1	40	4200.96	2067.368
5496.8	40	4200.96	2070.359
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5630.1	40	4200.99	2130.351
5636.8	40	4200.99	2133.353
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6374.22	644.474
6372.13	645.488
6369.94	646.503
6367.7	647.521
6364.84	648.537
6361.6	649.559
6358.7	650.584
6356.06	651.610
6353.56	652.638
6351.18	653.665
6348.88	654.697
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6342.24	657.799
6340.06	658.837
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6335.52	660.920
6333.17	661.964
6330.81	663.006
6328.42	664.053
6326.02	665.103
6323.58	666.154
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6316.97	668.261
6314.11	669.320
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2796.16	5275.11
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2796.2	5308.29
2796.21	5313.83
2796.19	5319.34
2796.18	5324.88
2796.16	5330.41
2796.19	5335.94
2796.17	5341.48
2796.19	5346.99
2796.22	5352.53
2796.19	5358.06
2796.21	5363.59
2796.2	5369.11
2796.2	5374.64
2796.15	5380.18
2796.16	5385.71
2796.19	5391.25
2796.25	5396.76
2796.2	5402.29
2796.22	5407.83
2796.21	5413.36
2796.18	5418.88
2796.19	5424.41
2796.23	5429.94
2796.22	5435.48
2796.19	5441.01
2796.17	5446.53
2796.19	5452.06
2796.22	5457.60
2796.16	5463.13
2796.15	5468.66
2796.16	5474.18
2796.21	5479.71
2796.17	5485.25
2796.16	5490.78

5676.8	40	4201	2151.342
5683.5	40	4201	2154.344
5690.1	40	4201	2157.345
5696.8	40	4201	2160.347
5703.4	40	4201	2163.338
5710.1	40	4201	2166.340
5716.8	40	4201	2169.341
5723.5	40	4201	2172.343
5730.1	40	4201.01	2175.345
5736.8	40	4201.01	2178.336
5743.5	40	4201.01	2181.338
5750.1	40	4201.01	2184.339
5756.8	40	4201.01	2187.341
5763.4	40	4201.01	2190.332
5770.1	40	4201.01	2193.334
5776.8	40	4201.01	2196.335
5783.5	40	4201.01	2199.337
5790.1	40	4201.01	2202.328
5796.8	40	4201.02	2205.330
5803.5	40	4201.02	2208.332
5810.1	40	4201.02	2211.333
5816.8	40	4201.02	2214.335
5823.4	40	4201.02	2217.326
5830.1	40	4201.02	2220.328
5836.8	40	4201.02	2223.329
5843.5	40	4201.02	2226.331
5850.1	40	4201.02	2229.322
5856.8	40	4201.02	2232.324
5863.5	40	4201.02	2235.325
5870.1	40	4201.02	2238.327
5876.8	40	4201.02	2241.329
5883.4	40	4201.03	2244.320
5890.1	40	4201.03	2247.321
5896.8	40	4201.03	2250.323
5903.5	40	4201.03	2253.325
5910.1	40	4201.03	2256.316
5916.8	40	4201.03	2259.317
5923.5	40	4201.03	2262.319
5930.1	40	4201.03	2265.321
5936.8	40	4201.03	2268.323

6287.07	682.150
6284.57	683.232
6282.24	684.315
6279.04	685.401
6275.88	686.485
6272.91	687.576
6270.15	688.669
6267.68	689.763
6265.22	690.860
6262.7	691.954
6260.24	693.055
6257.96	694.157
6255.6	695.261
6253.13	696.363
6250.54	697.471
6248.2	698.580
6245.8	699.692
6243.31	700.802
6240.66	701.917
6237.72	703.035
6234.44	704.156
6231.36	705.279
6228.34	706.400
6225.53	707.528
6222.98	708.657
6220.47	709.789
6217.86	710.918
6215.26	712.053
6212.77	713.191
6210.27	714.330
6207.74	715.472
6205.16	716.611
6202.73	717.756
6200.24	718.903
6197.55	720.053
6194.09	721.201
6190.58	722.356
6187.67	723.513
6184.94	724.672
6182.13	725.834

8242.27	0.79
8242.23	0.79
8242.18	0.79
8242.13	0.79
8242.08	0.78
8242.03	0.78
8241.99	0.78
8241.94	0.78
8241.9	0.78
8241.85	0.78
8241.81	0.78
8241.76	0.78
8241.72	0.77
8241.68	0.77
8241.63	0.77
8241.59	0.77
8241.55	0.77
8241.5	0.77
8241.46	0.77
8241.41	0.77
8241.37	0.76
8241.33	0.76
8241.28	0.76
8241.24	0.76
8241.19	0.76
8241.14	0.76
8241.09	0.76
8241.05	0.76
8241	0.75
8240.96	0.75
8240.91	0.75
8240.87	0.75
8240.83	0.75
8240.78	0.75
8240.74	0.75
8240.7	0.75
8240.65	0.75
8240.61	0.75
8240.57	0.74
8240.52	0.74

2796.19	5496.30
2796.18	5501.83
2796.21	5507.36
2796.18	5512.90
2796.17	5518.41
2796.15	5523.95
2796.15	5529.48
2796.16	5535.02
2796.18	5540.55
2796.26	5546.06
2796.2	5551.60
2796.18	5557.13
2796.18	5562.67
2796.18	5568.18
2796.19	5573.72
2796.19	5579.25
2796.2	5584.78
2796.22	5590.30
2796.22	5595.83
2796.18	5601.37
2796.18	5606.90
2796.23	5612.44
2796.2	5617.95
2796.2	5623.48
2796.21	5629.02
2796.2	5634.55
2796.15	5640.07
2796.18	5645.60
2796.18	5651.14
2796.24	5656.67
2796.22	5662.20
2796.21	5667.72
2796.16	5673.25
2796.18	5678.79
2796.17	5684.32
2796.18	5689.83
2796.21	5695.37
2796.19	5700.90
2796.19	5706.44
2796.18	5711.97

6943.4	40	4201.03	2271.313
6950.1	40	4201.03	2274.315
6956.8	40	4201.03	2277.317
6963.5	40	4201.03	2280.319
6970.1	40	4201.03	2283.320
6976.8	40	4201.04	2286.311
6983.5	40	4201.04	2289.313
6990.1	40	4201.04	2292.315
6996.8	40	4201.04	2295.316
7003.4	40	4201.04	2298.307
7010.1	40	4201.04	2301.309
7016.8	40	4201.04	2304.311
7023.5	40	4201.04	2307.312
7030.1	40	4201.04	2310.303
7036.8	40	4201.04	2313.305
7043.5	40	4201.04	2316.307
7050.1	40	4201.04	2319.308
7056.8	40	4201.05	2322.310
7063.4	40	4201.05	2325.301
7070.1	40	4201.05	2328.302
7076.8	40	4201.05	2331.304
7083.5	40	4201.05	2334.306
7090.1	40	4201.05	2337.297
7096.8	40	4201.05	2340.298
7103.5	40	4201.05	2343.300
7110.1	40	4201.05	2346.302
7116.8	40	4201.05	2349.303
7123.4	40	4201.05	2352.294
7130.1	40	4201.05	2355.296
7136.8	40	4201.05	2358.298
7143.5	40	4201.05	2361.299
7150.1	40	4201.05	2364.290
7156.8	40	4201.05	2367.292
7163.5	40	4201.05	2370.294
7170.1	40	4201.06	2373.295
7176.8	40	4201.06	2376.297
7183.4	40	4201.06	2379.288
7190.1	40	4201.06	2382.289
7196.8	40	4201.06	2385.291
7203.5	40	4201.06	2388.293

6179.07	726.993	8240.48	0.74	2796.18	5717.49
6176.36	728.159	8240.43	0.74	2796.18	5723.02
6174	729.327	8240.39	0.74	2796.24	5728.55
6171.56	730.497	8240.35	0.74	2796.18	5734.09
6168.99	731.669	8240.3	0.74	2796.21	5739.62
6166.06	732.839	8240.25	0.74	2796.19	5745.14
6163.44	734.015	8240.2	0.74	2796.2	5750.67
6161.06	735.193	8240.16	0.74	2796.18	5756.21
6158.58	736.373	8240.11	0.73	2796.2	5761.74
6156.02	737.551	8240.07	0.73	2796.18	5767.25
6152.71	738.735	8240.03	0.73	2796.22	5772.79
6149.16	739.923	8239.98	0.73	2796.23	5778.32
6146.13	741.113	8239.94	0.73	2796.2	5783.86
6143.32	742.301	8239.9	0.73	2796.15	5789.37
6140.47	743.495	8239.85	0.73	2796.18	5794.90
6137.35	744.692	8239.81	0.73	2796.19	5800.44
6134.43	745.891	8239.77	0.73	2796.17	5805.97
6131.81	747.092	8239.73	0.73	2796.15	5811.51
6129.15	748.291	8239.68	0.73	2796.16	5817.02
6126.36	749.496	8239.64	0.72	2796.22	5822.56
6123.36	750.704	8239.6	0.72	2796.24	5828.09
6120.49	751.915	8239.55	0.72	2796.2	5833.62
6117.57	753.123	8239.51	0.72	2796.18	5839.14
6114.62	754.337	8239.47	0.72	2796.21	5844.67
6111.69	755.555	8239.42	0.72	2796.22	5850.21
6108.29	756.774	8239.38	0.72	2796.17	5855.74
6104.56	757.997	8239.34	0.72	2796.21	5861.28
6101.11	759.218	8239.28	0.72	2796.2	5866.79
6097.8	760.447	8239.24	0.72	2796.2	5872.32
6094.87	761.677	8239.19	0.72	2796.17	5877.86
6091.85	762.910	8239.15	0.72	2796.16	5883.39
6088.92	764.141	8239.11	0.72	2796.2	5888.91
6086.09	765.378	8239.06	0.71	2796.21	5894.44
6083.29	766.618	8239.02	0.71	2796.21	5899.98
6080.45	767.860	8238.98	0.71	2796.17	5905.51
6077.59	769.104	8238.94	0.71	2796.2	5911.04
6074.81	770.346	8238.89	0.71	2796.2	5916.56
6071.98	771.595	8238.85	0.71	2796.2	5922.09
6069.13	772.846	8238.81	0.71	2796.16	5927.63
6066.07	774.100	8238.77	0.71	2796.17	5933.16

7210.1	40	4201.06	2391.294
7216.8	40	4201.06	2394.285
7223.5	40	4201.06	2397.287
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7236.8	40	4201.06	2403.290
7243.4	40	4201.06	2406.281
7250.1	40	4201.06	2409.283
7256.8	40	4201.06	2412.285
7263.5	40	4201.06	2415.286
7270.1	40	4201.06	2418.288
7276.8	40	4201.07	2421.279
7283.5	40	4201.07	2424.280
7290.1	40	4201.07	2427.282
7296.8	40	4201.07	2430.284
7303.4	40	4201.07	2433.275
7310.1	40	4201.07	2436.276
7316.8	40	4201.07	2439.278
7323.5	40	4201.07	2442.280
7330.1	40	4201.07	2445.270
7336.8	40	4201.07	2448.272
7343.5	40	4201.07	2451.274
7350.1	40	4201.07	2454.275
7356.8	40	4201.07	2457.277
7363.4	40	4201.07	2460.268
7370.1	40	4201.08	2463.270
7376.8	40	4201.08	2466.271
7383.5	40	4201.08	2469.273
7390.1	40	4201.08	2472.264
7396.8	40	4201.08	2475.265
7403.5	40	4201.08	2478.267
7410.1	40	4201.08	2481.269
7416.8	40	4201.08	2484.270
7423.4	40	4201.08	2487.261
7430.1	40	4201.08	2490.263
7436.8	40	4201.08	2493.264
7443.5	40	4201.08	2496.266
7450.1	40	4201.09	2499.268
7456.8	40	4201.08	2502.259
7463.5	40	4201.09	2505.260
7470.1	40	4201.09	2508.262

6062.44	775.356	8238.73	0.71	2796.19	5938.69
6059.03	776.611	8238.68	0.71	2796.2	5944.21
6055.88	777.872	8238.64	0.71	2796.24	5949.74
6052.96	779.136	8238.6	0.71	2796.18	5955.28
6050.16	780.402	8238.55	0.71	2796.18	5960.81
6047.39	781.666	8238.51	0.71	2796.18	5966.33
6044.63	782.937	8238.47	0.70	2796.19	5971.86
6042.04	784.209	8238.43	0.70	2796.18	5977.39
6039.43	785.484	8238.38	0.70	2796.18	5982.93
6036.78	786.761	8238.33	0.70	2796.2	5988.46
6034.07	788.035	8238.29	0.70	2796.17	5993.98
6031.51	789.316	8238.24	0.70	2796.16	5999.51
6028.89	790.599	8238.2	0.70	2796.21	6005.05
6025.84	791.885	8238.16	0.70	2796.21	6010.58
6022.44	793.169	8238.12	0.70	2796.2	6016.09
6019.38	794.460	8238.07	0.70	2796.2	6021.63
6016.48	795.753	8238.03	0.70	2796.21	6027.16
6013.69	797.048	8237.99	0.70	2796.17	6032.70
6011.03	798.341	8237.95	0.70	2796.17	6038.21
6008.49	799.641	8237.91	0.70	2796.19	6043.74
6005.95	800.942	8237.87	0.70	2796.18	6049.28
6003.4	802.246	8237.82	0.69	2796.22	6054.81
6000.95	803.552	8237.78	0.69	2796.22	6060.35
5997.29	804.856	8237.74	0.69	2796.18	6065.86
5989.4	806.172	8237.7	0.69	2796.17	6071.40
5981.01	807.494	8237.66	0.69	2796.18	6076.93
5972.37	808.824	8237.61	0.69	2796.19	6082.46
5963.19	810.156	8237.57	0.69	2796.17	6087.98
5954.53	811.500	8237.53	0.69	2796.2	6093.51
5945.93	812.851	8237.48	0.69	2796.19	6099.05
5937.21	814.209	8237.44	0.69	2796.22	6104.58
5928.52	815.574	8237.39	0.69	2796.18	6110.12
5919.84	816.941	8237.35	0.69	2796.19	6115.63
5911.01	818.321	8237.31	0.69	2796.25	6121.16
5902.15	819.707	8237.26	0.69	2796.19	6126.70
5893.25	821.101	8237.22	0.69	2796.16	6132.23
5884.3	822.503	8237.18	0.69	2796.16	6137.77
5875.19	823.906	8237.14	0.69	2796.16	6143.28
5866.15	825.323	8237.1	0.69	2796.18	6148.82
5856.73	826.747	8237.06	0.69	2796.18	6154.35

7476.8	40	4201.09	2511.263
7483.4	40	4201.09	2514.254
7490.1	40	4201.09	2517.256
7496.8	40	4201.09	2520.258
7503.5	40	4201.09	2523.259
7510.1	40	4201.09	2526.261
7516.8	40	4201.09	2529.252
7523.5	40	4201.09	2532.253
7530.1	40	4201.09	2535.255
7536.8	40	4201.09	2538.257
7543.4	40	4201.09	2541.247
7550.1	40	4201.09	2544.249
7556.8	40	4201.09	2547.251
7563.5	40	4201.09	2550.252
7570.1	40	4201.1	2553.254
7576.8	40	4201.11	2556.245
7583.5	40	4201.11	2559.246
7590.1	40	4201.12	2562.248
7596.8	40	4201.12	2565.250
7603.4	40	4201.13	2568.240
7610.1	40	4201.13	2571.242
7616.8	40	4201.14	2574.243
7623.5	40	4201.14	2577.245
7630.1	40	4201.14	2580.236
7636.8	40	4201.14	2583.237
7643.5	40	4201.14	2586.239
7650.1	40	4201.15	2589.241
7656.8	40	4201.15	2592.242
7663.4	40	4201.15	2595.233
7670.1	40	4201.15	2598.234
7676.8	40	4201.15	2601.236
7683.5	40	4201.15	2604.238
7690.1	40	4201.15	2607.239
7696.8	40	4201.15	2610.230
7703.5	40	4201.15	2613.231
7710.1	40	4201.15	2616.233
7716.8	40	4201.15	2619.235
7723.4	40	4201.15	2622.225
7730.1	40	4201.15	2625.227
7736.8	40	4201.15	2628.228

5847.22	828.179	8237.02	0.68	2796.21	6159.88
5838.08	829.613	8236.98	0.68	2796.2	6165.40
5828.98	831.060	8236.94	0.68	2796.15	6170.93
5819.8	832.514	8236.89	0.68	2796.2	6176.47
5810.51	833.976	8236.85	0.68	2796.18	6182.00
5801.31	835.446	8236.81	0.68	2796.15	6187.53
5792.07	836.918	8236.77	0.68	2796.16	6193.05
5782.65	838.404	8236.73	0.68	2796.24	6198.58
5773.33	839.897	8236.69	0.68	2796.22	6204.12
5764.01	841.398	8236.65	0.68	2796.19	6209.65
5754.55	842.901	8236.61	0.68	2796.19	6215.17
5744.55	844.419	8236.56	0.68	2796.17	6220.70
5734.94	845.944	8236.51	0.68	2796.22	6226.23
5725.48	847.477	8236.47	0.68	2796.16	6231.77
5715.94	849.018	8236.43	0.68	2796.14	6237.30
5706.48	850.562	8236.39	0.68	2796.18	6242.82
5696.99	852.119	8236.35	0.68	2796.19	6248.35
5687.3	853.685	8236.3	0.68	2796.2	6253.89
5677.68	855.258	8236.26	0.68	2796.2	6259.42
5668.02	856.834	8236.22	0.68	2796.18	6264.93
5658.18	858.425	8236.18	0.68	2796.18	6270.47
5648.44	860.023	8236.14	0.67	2796.18	6276.00
5638.17	861.630	8236.1	0.67	2796.17	6281.54
5628.1	863.240	8236.06	0.67	2796.24	6287.05
5618.34	864.864	8236.02	0.67	2796.19	6292.59
5608.68	866.497	8235.98	0.67	2796.2	6298.12
5598.85	868.138	8235.94	0.67	2796.18	6303.65
5589.05	869.787	8235.9	0.67	2796.18	6309.19
5579.27	871.439	8235.86	0.67	2796.18	6314.70
5569.38	873.105	8235.82	0.67	2796.17	6320.24
5559.58	874.779	8235.78	0.67	2796.15	6325.77
5549.88	876.462	8235.74	0.67	2796.2	6331.31
5539.75	878.154	8235.7	0.67	2796.22	6336.84
5529.46	879.849	8235.66	0.67	2796.22	6342.35
5519.72	881.558	8235.62	0.67	2796.21	6347.89
5509.95	883.276	8235.58	0.67	2796.22	6353.42
5500.25	885.002	8235.54	0.67	2796.22	6358.96
5490.61	886.730	8235.5	0.67	2796.22	6364.47
5480.9	888.473	8235.45	0.67	2796.22	6370.00
5471.25	890.225	8235.41	0.67	2796.19	6375.54

7743.5	40	4201.15	2631.230
7750.1	40	4201.15	2634.232
7756.8	40	4201.15	2637.222
7763.5	40	4201.15	2640.224
7770.1	40	4201.15	2643.226
7776.8	40	4201.15	2646.227
7783.4	40	4201.15	2649.218
7790.1	40	4201.15	2652.219
7796.8	40	4201.15	2655.221
7803.5	40	4201.15	2658.223
7810.1	40	4201.15	2661.224
7816.8	40	4201.15	2664.215
7823.5	40	4201.15	2667.216
7830.1	40	4201.15	2670.218
7836.8	40	4201.15	2673.220
7843.4	40	4201.15	2676.210
7850.1	40	4201.15	2679.212
7856.8	40	4201.15	2682.213
7863.5	40	4201.15	2685.215
7870.1	40	4201.15	2688.217
7876.8	40	4201.15	2691.207
7883.5	40	4201.15	2694.209
7890.1	40	4201.15	2697.211
7896.8	40	4201.15	2700.212
7903.4	40	4201.15	2703.203
7910.1	40	4201.15	2706.204
7916.8	40	4201.15	2709.206
7923.5	40	4201.15	2712.208
7930.1	40	4201.15	2715.209
7936.8	40	4201.15	2718.200
7943.5	40	4201.15	2721.201
7950.1	40	4201.15	2724.203
7956.8	40	4201.15	2727.205
7963.4	40	4201.15	2730.195
7970.1	40	4201.15	2733.197
7976.8	40	4201.15	2736.198
7983.5	40	4201.15	2739.200
7990.1	40	4201.15	2742.191
7996.8	40	4201.15	2745.192
8003.5	40	4201.15	2748.194

5461.68	891.984	8235.36	0.67	2796.15	6381.07
5451.98	893.753	8235.32	0.67	2796.17	6386.61
5441.94	895.524	8235.28	0.67	2796.2	6392.12
5432.07	897.310	8235.24	0.67	2796.19	6397.66
5422.54	899.104	8235.2	0.67	2796.17	6403.19
5413.25	900.906	8235.16	0.67	2796.17	6408.72
5404.04	902.711	8235.12	0.67	2796.16	6414.24
5394.83	904.530	8235.08	0.67	2796.19	6419.77
5386.33	906.356	8235.05	0.66	2796.19	6425.31
5379.57	908.188	8235	0.66	2796.22	6430.84
5376.51	910.022	8234.97	0.66	2796.2	6436.38
5379.39	911.846	8234.93	0.66	2796.21	6441.89
5385.79	913.671	8234.89	0.66	2796.2	6447.42
5392.86	915.490	8234.85	0.66	2796.17	6452.96
5400.08	917.302	8234.81	0.66	2796.24	6458.49
5407.11	919.102	8234.77	0.66	2796.2	6464.01
5413.44	920.903	8234.73	0.66	2796.17	6469.54
5418.76	922.699	8234.69	0.66	2796.14	6475.07
5423.22	924.491	8234.65	0.66	2796.14	6480.61
5426.98	926.280	8234.61	0.66	2796.22	6486.14
5430.27	928.059	8234.57	0.66	2796.25	6491.66
5432.97	929.843	8234.53	0.66	2796.25	6497.19
5435.12	931.624	8234.49	0.66	2796.16	6502.73
5437.03	933.404	8234.45	0.66	2796.16	6508.26
5438.87	935.176	8234.41	0.66	2796.16	6513.77
5440.17	936.954	8234.37	0.66	2796.15	6519.31
5442.07	938.729	8234.33	0.66	2796.2	6524.84
5444.31	940.503	8234.3	0.66	2796.24	6530.38
5446.35	942.274	8234.26	0.66	2796.25	6535.91
5448.14	944.038	8234.22	0.66	2796.16	6541.43
5449.86	945.807	8234.18	0.66	2796.15	6546.96
5451.51	947.575	8234.14	0.66	2796.22	6552.49
5452.99	949.341	8234.1	0.66	2796.21	6558.03
5454.53	951.099	8234.06	0.66	2796.2	6563.54
5456.12	952.862	8234.02	0.66	2796.21	6569.08
5457.74	954.624	8233.98	0.66	2796.19	6574.61
5459.31	956.385	8233.94	0.66	2796.22	6580.14
5460.84	958.137	8233.9	0.66	2796.21	6585.66
5462.02	959.896	8233.86	0.66	2796.18	6591.19
5460.36	961.656	8233.83	0.66	2796.23	6596.73

3010.1	40	4201.15	2751.196
3016.8	40	4201.15	2754.197
3023.4	40	4201.15	2757.188
3030.1	40	4201.15	2760.189
3036.8	40	4201.15	2763.191
3043.5	40	4201.15	2766.193
3050.1	40	4201.15	2769.183
3056.8	40	4201.15	2772.185
3063.5	40	4201.15	2775.186
3070.1	40	4201.15	2778.188
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3083.4	40	4201.15	2784.180
3090.1	40	4201.15	2787.182
3096.8	40	4201.15	2790.183
3103.5	40	4201.15	2793.185
3110.1	40	4201.15	2796.176
3116.8	40	4201.15	2799.177
3123.5	40	4201.15	2802.179
3130.1	40	4201.15	2805.181
3136.8	40	4201.15	2808.182
3143.4	40	4201.15	2811.173
3150.1	40	4201.15	2814.174
3156.8	40	4201.15	2817.176
3163.5	40	4201.15	2820.178
3170.1	40	4201.15	2823.179
3176.8	40	4201.15	2826.170
3183.5	40	4201.15	2829.171
3190.1	40	4201.15	2832.173
3196.8	40	4201.15	2835.175
3203.4	40	4201.15	2838.165
3210.1	40	4201.15	2841.167
3216.8	40	4201.15	2844.168
3223.5	40	4201.15	2847.170
3230.1	40	4201.15	2850.161
3236.8	40	4201.15	2853.162
3243.5	40	4201.15	2856.164
3250.1	40	4201.15	2859.166
3256.8	40	4201.15	2862.167
3263.4	40	4201.15	2865.158
3270.1	40	4201.15	2868.159

5454.41	963.422	8233.79	0.66	2796.21	6602.26
5446.17	965.195	8233.75	0.66	2796.22	6607.80
5436.72	966.971	8233.71	0.65	2796.16	6613.31
5426.52	968.762	8233.67	0.65	2796.16	6618.84
5415.92	970.562	8233.63	0.65	2796.23	6624.38
5405.18	972.372	8233.59	0.65	2796.22	6629.91
5394.4	974.185	8233.55	0.65	2796.18	6635.43
5383.55	976.014	8233.51	0.65	2796.22	6640.96
5372.72	977.853	8233.48	0.65	2796.21	6646.49
5361.93	979.701	8233.44	0.65	2796.21	6652.03
5351.16	981.559	8233.4	0.65	2796.17	6657.56
5340.49	983.420	8233.36	0.65	2796.18	6663.08
5329.98	985.297	8233.32	0.65	2796.15	6668.61
5319.58	987.183	8233.27	0.65	2796.13	6674.15
5309.41	989.079	8233.23	0.65	2796.18	6679.68
5299.5	990.976	8233.18	0.65	2796.22	6685.19
5289.97	992.889	8233.14	0.65	2796.23	6690.73
5280.98	994.810	8233.1	0.65	2796.21	6696.26
5272.7	996.738	8233.07	0.65	2796.2	6701.80
5265.13	998.674	8233.03	0.65	2796.24	6707.33
5257.97	1000.608	8232.99	0.65	2796.2	6712.84
5251.46	1002.556	8232.95	0.65	2796.2	6718.38
5245.41	1004.509	8232.91	0.65	2796.18	6723.91
5239.73	1006.467	8232.88	0.65	2796.17	6729.45
5234.36	1008.430	8232.84	0.65	2796.21	6734.98
5229.15	1010.390	8232.8	0.65	2796.23	6740.50
5224.15	1012.363	8232.76	0.65	2796.14	6746.03
5219.32	1014.340	8232.73	0.65	2796.15	6751.56
5214.57	1016.321	8232.69	0.65	2796.25	6757.10
5209.96	1018.299	8232.65	0.65	2796.22	6762.61
5205.45	1020.288	8232.61	0.65	2796.2	6768.15
5201	1022.282	8232.57	0.65	2796.22	6773.68
5196.68	1024.279	8232.54	0.65	2796.2	6779.21
5192.47	1026.273	8232.5	0.65	2796.15	6784.73
5188.33	1028.278	8232.46	0.65	2796.2	6790.26
5184.32	1030.287	8232.42	0.65	2796.19	6795.80
5180.43	1032.300	8232.39	0.65	2796.19	6801.33
5176.56	1034.316	8232.35	0.65	2796.19	6806.87
5172.78	1036.328	8232.31	0.65	2796.19	6812.38
5169.1	1038.351	8232.27	0.65	2796.21	6817.91

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8283.5	40	4201.15	2874.163
8290.1	40	4201.15	2877.153
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8303.5	40	4201.15	2883.156
8310.1	40	4201.15	2886.158
8316.8	40	4201.15	2889.160
8323.4	40	4201.15	2892.150
8330.1	40	4201.15	2895.152
8336.8	40	4201.12	2898.154
8343.5	40	4201.12	2901.155
8350.1	40	4201.12	2904.146
8356.8	40	4201.11	2907.148
8363.5	40	4201.1	2910.149
8370.1	40	4201.09	2913.151
8376.8	40	4201.09	2916.152
8383.4	40	4201.08	2919.143
8390.1	40	4201.07	2922.145
8396.8	40	4201.06	2925.147
8403.5	40	4201.06	2928.148
8410.1	40	4201.07	2931.150
8416.8	40	4201.07	2934.141
8423.5	40	4201.07	2937.142
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8436.8	40	4201.07	2943.146
8443.4	40	4201.07	2946.137
8450.1	40	4201.07	2949.138
8456.8	40	4201.07	2952.140
8463.5	40	4201.07	2955.142
8470.1	40	4201.07	2958.143
8476.8	40	4201.07	2961.134
8483.5	40	4201.07	2964.136
8490.1	40	4201.07	2967.137
8496.8	40	4201.07	2970.139
8503.4	40	4201.07	2973.130
8510.1	40	4201.07	2976.132
8516.8	40	4201.07	2979.133
8523.5	40	4201.07	2982.135
8530.1	40	4201.07	2985.126
8536.8	40	4201.07	2988.127

5165.43	1040.377	1040.377
5161.85	1042.406	
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5097.32	1087.753	
5094.93	1089.845	
5092.62	1091.931	
5090.38	1094.028	
5088.13	1096.126	
5085.96	1098.226	
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5081.75	1102.425	
5079.74	1104.531	
5077.77	1106.639	
5075.81	1108.749	
5073.95	1110.853	
5072.13	1112.966	
5070.34	1115.081	
5068.62	1117.198	
5066.98	1119.309	
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8232.01	0.65
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8231.46	0.64
8231.42	0.64
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8231.31	0.64
8231.28	0.64
8231.24	0.64
8231.2	0.64
8231.17	0.64
8231.13	0.64
8231.09	0.64
8231.06	0.64
8231.02	0.64
8230.97	0.64
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8230.89	0.64
8230.85	0.64
8230.82	0.64
8230.78	0.64

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2796.18	6828.98
2796.17	6834.50
2796.21	6840.03
2796.18	6845.57
2796.16	6851.10
2796.19	6856.63
2796.19	6862.15
2796.19	6867.68
2796.2	6873.22
2796.25	6878.75
2796.19	6884.26
2796.19	6889.80
2796.18	6895.33
2796.15	6900.87
2796.13	6906.40
2796.19	6911.92
2796.2	6917.45
2796.16	6922.98
2796.24	6928.52
2796.2	6934.05
2796.23	6939.57
2796.19	6945.10
2796.19	6950.64
2796.19	6956.17
2796.2	6961.68
2796.2	6967.22
2796.22	6972.75
2796.18	6978.29
2796.2	6983.82
2796.17	6989.33
2796.17	6994.87
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2796.2	7005.94
2796.17	7011.45
2796.2	7016.99
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2796.18	7033.57
2796.19	7039.10

8543.5	40	4201.07	2991.129
8550.1	40	4201.08	2994.131
8556.8	40	4201.08	2997.132
8563.4	40	4201.08	3000.123
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8576.8	40	4201.08	3006.126
8583.5	40	4201.08	3009.128
8590.1	40	4201.08	3012.119
8596.8	40	4201.08	3015.121
8603.5	40	4201.08	3018.122
8610.1	40	4201.08	3021.124
8616.8	40	4201.08	3024.126
8623.4	40	4201.08	3027.116
8630.1	40	4201.08	3030.118
8636.8	40	4201.08	3033.120
8643.5	40	4201.08	3036.121
8650.1	40	4201.08	3039.123
8656.8	40	4201.08	3042.114
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8676.8	40	4201.08	3051.119
8683.4	40	4201.08	3054.110
8690.1	40	4201.08	3057.111
8696.8	40	4201.08	3060.113
8703.5	40	4201.08	3063.115
8710.1	40	4201.08	3066.116
8716.8	40	4201.08	3069.107
8723.5	40	4201.08	3072.109
8730.1	40	4201.08	3075.110
8736.8	40	4201.08	3078.112
8743.4	40	4201.08	3081.103
8750.1	40	4201.08	3084.105
8756.8	40	4201.08	3087.106
8763.5	40	4201.08	3090.108
8770.1	40	4201.08	3093.110
8776.8	40	4201.08	3096.100
8783.5	40	4201.08	3099.102
8790.1	40	4201.08	3102.104
8796.8	40	4201.08	3105.105
8803.4	40	4201.08	3108.096

5063.83	1123.549	8230.75	0.64	2796.15	7044.64
5062.34	1125.672	8230.71	0.64	2796.17	7050.17
5060.9	1127.796	8230.67	0.64	2796.22	7055.71
5059.52	1129.913	8230.64	0.64	2796.18	7061.22
5058.2	1132.040	8230.6	0.64	2796.18	7066.75
5056.95	1134.167	8230.57	0.64	2796.22	7072.29
5055.74	1136.296	8230.53	0.64	2796.19	7077.82
5054.59	1138.418	8230.5	0.64	2796.21	7083.34
5053.5	1140.549	8230.46	0.64	2796.22	7088.87
5052.47	1142.681	8230.43	0.64	2796.16	7094.41
5051.48	1144.813	8230.39	0.64	2796.13	7099.94
5050.55	1146.947	8230.35	0.64	2796.15	7105.47
5049.67	1149.074	8230.32	0.64	2796.17	7110.99
5048.85	1151.209	8230.28	0.64	2796.16	7116.52
5048.08	1153.345	8230.25	0.64	2796.22	7122.06
5047.36	1155.481	8230.21	0.64	2796.22	7127.59
5046.68	1157.619	8230.18	0.64	2796.18	7133.13
5046.06	1159.749	8230.14	0.64	2796.19	7138.64
5045.47	1161.887	8230.11	0.64	2796.21	7144.17
5044.93	1164.026	8230.07	0.64	2796.19	7149.71
5044.44	1166.165	8230.04	0.64	2796.2	7155.24
5043.98	1168.298	8230	0.64	2796.19	7160.76
5043.56	1170.438	8229.97	0.64	2796.19	7166.29
5043.18	1172.578	8229.93	0.64	2796.17	7171.83
5042.84	1174.719	8229.9	0.64	2796.2	7177.36
5042.53	1176.860	8229.86	0.64	2796.18	7182.89
5042.25	1178.994	8229.83	0.64	2796.15	7188.41
5042	1181.136	8229.79	0.64	2796.21	7193.94
5041.78	1183.277	8229.76	0.64	2796.22	7199.48
5041.59	1185.419	8229.72	0.64	2796.22	7205.01
5041.42	1187.554	8229.69	0.64	2796.21	7210.52
5041.27	1189.696	8229.65	0.64	2796.19	7216.06
5041.13	1191.839	8229.62	0.64	2796.22	7221.59
5041.01	1193.981	8229.58	0.64	2796.18	7227.13
5040.91	1196.124	8229.55	0.64	2796.2	7232.66
5040.82	1198.259	8229.51	0.64	2796.16	7238.18
5040.74	1200.402	8229.48	0.64	2796.18	7243.71
5040.68	1202.544	8229.44	0.64	2796.24	7249.24
5040.62	1204.687	8229.41	0.64	2796.18	7254.78
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8816.8	40	4201.08	3114.099
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8870.1	40	4201.08	3138.091
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8890.1	40	4201.03	3147.096
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8903.5	40	4201.02	3153.089
8910.1	40	4201.02	3156.090
8916.8	40	4201.01	3159.092
8923.4	40	4201.01	3162.083
8930.1	40	4201.01	3165.085
8936.8	40	4201.01	3168.087
8943.5	40	4201.01	3171.088
8950.1	40	4201.01	3174.090
8956.8	40	4201.01	3177.081
8963.5	40	4201.01	3180.083
8970.1	40	4201.02	3183.084
8976.8	40	4201.02	3186.086
8983.4	40	4201.02	3189.077
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8996.8	40	4201.06	3195.080
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9010.1	40	4201.09	3201.084
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9036.8	40	4201.12	3213.079
9043.4	40	4201.13	3216.070
9050.1	40	4201.13	3219.072
9056.8	40	4201.13	3222.073
9063.5	40	4201.14	3225.075
9070.1	40	4201.14	3228.076

5040.5	1208.966
5040.45	1211.109
5040.39	1213.252
5040.33	1215.387
5040.27	1217.531
5040.19	1219.674
5040.11	1221.817
5040.02	1223.961
5039.92	1226.097
5039.8	1228.240
5039.68	1230.384
5039.53	1232.528
5039.38	1234.672
5039.2	1236.809
5039.01	1238.953
5038.79	1241.098
5038.56	1243.243
5038.3	1245.380
5038.03	1247.526
5037.73	1249.671
5037.4	1251.817
5037.06	1253.964
5036.69	1256.103
5036.29	1258.250
5035.88	1260.397
5035.44	1262.545
5034.97	1264.686
5034.47	1266.835
5033.96	1268.984
5033.42	1271.134
5032.87	1273.284
5032.3	1275.427
5031.72	1277.579
5031.11	1279.731
5030.49	1281.883
5029.83	1284.029
5029.15	1286.183
5028.43	1288.338
5027.69	1290.493
5026.91	1292.649

8229.34	0.64
8229.3	0.64
8229.27	0.64
8229.24	0.64
8229.2	0.64
8229.17	0.64
8229.13	0.64
8229.1	0.64
8229.06	0.64
8229.03	0.64
8228.99	0.64
8228.96	0.64
8228.93	0.64
8228.89	0.64
8228.86	0.64
8228.81	0.64
8228.77	0.63
8228.74	0.63
8228.7	0.63
8228.67	0.63
8228.63	0.63
8228.6	0.63
8228.57	0.63
8228.53	0.63
8228.5	0.63
8228.46	0.63
8228.43	0.63
8228.4	0.63
8228.36	0.63
8228.33	0.63
8228.3	0.63
8228.26	0.63
8228.23	0.63
8228.2	0.63
8228.16	0.63
8228.13	0.63
8228.1	0.63
8228.06	0.63
8228.03	0.63
8228	0.63

2796.19	7265.83
2796.16	7271.36
2796.21	7276.90
2796.21	7282.41
2796.19	7287.94
2796.17	7293.48
2796.19	7299.01
2796.18	7304.55
2796.16	7310.06
2796.19	7315.60
2796.2	7321.13
2796.17	7326.66
2796.19	7332.20
2796.21	7337.71
2796.21	7343.25
2796.19	7348.78
2796.2	7354.31
2796.23	7359.83
2796.18	7365.36
2796.19	7370.90
2796.18	7376.43
2796.2	7381.97
2796.17	7387.48
2796.19	7393.01
2796.23	7398.55
2796.18	7404.08
2796.21	7409.60
2796.16	7415.13
2796.18	7420.67
2796.21	7426.20
2796.17	7431.73
2796.22	7437.25
2796.22	7442.78
2796.22	7448.32
2796.16	7453.85
2796.14	7459.36
2796.18	7464.90
2796.19	7470.43
2796.21	7475.97
2796.24	7481.50

9076.8	40	4201.14	3231.067
9083.5	40	4201.15	3234.069
9090.1	40	4201.15	3237.070
9096.8	40	4201.15	3240.072
9103.4	40	4201.15	3243.063
9110.1	40	4201.15	3246.064
9116.8	40	4201.15	3249.066
9123.5	40	4201.15	3252.067
9130.1	40	4201.15	3255.069
9136.8	40	4201.15	3258.060
9143.5	40	4201.15	3261.061
9150.1	40	4201.15	3264.063
9156.8	40	4201.15	3267.064
9163.4	40	4201.15	3270.055
9170.1	40	4201.15	3273.057
9176.8	40	4201.15	3276.058
9183.5	40	4201.15	3279.060
9190.1	40	4201.15	3282.051
9196.8	40	4201.15	3285.052
9203.5	40	4201.15	3288.054
9210.1	40	4201.15	3291.055
9216.8	40	4201.15	3294.057
9223.4	40	4201.15	3297.048
9230.1	40	4201.15	3300.049
9236.8	40	4201.15	3303.051
9243.5	40	4201.15	3306.052
9250.1	40	4201.15	3309.043
9256.8	40	4201.15	3312.045
9263.5	40	4201.15	3315.046
9270.1	40	4201.15	3318.048
9276.8	40	4201.15	3321.049
9283.4	40	4201.15	3324.040
9290.1	40	4201.15	3327.042
9296.8	40	4201.15	3330.043
9303.5	40	4201.15	3333.045
9310.1	40	4201.15	3336.036
9316.8	40	4201.15	3339.037
9323.5	40	4201.15	3342.039
9330.1	40	4201.15	3345.040
9336.8	40	4201.15	3348.042

5026.12	1294.798	8227.97	0.63	2796.19	7487.02
5025.3	1296.956	8227.93	0.63	2796.16	7492.55
5024.45	1299.114	8227.9	0.63	2796.2	7498.08
5023.59	1301.273	8227.87	0.63	2796.22	7503.62
5022.7	1303.426	8227.83	0.63	2796.19	7509.13
5021.8	1305.587	8227.8	0.63	2796.2	7514.67
5020.87	1307.748	8227.77	0.63	2796.19	7520.20
5019.93	1309.911	8227.73	0.63	2796.18	7525.74
5018.97	1312.075	8227.7	0.63	2796.19	7531.27
5017.99	1314.232	8227.67	0.63	2796.15	7536.78
5017	1316.397	8227.64	0.63	2796.16	7542.32
5015.99	1318.564	8227.6	0.63	2796.16	7547.85
5014.97	1320.731	8227.57	0.63	2796.2	7553.39
5013.93	1322.892	8227.54	0.63	2796.23	7558.90
5012.89	1325.061	8227.5	0.63	2796.2	7564.44
5011.83	1327.232	8227.47	0.63	2796.23	7569.97
5010.76	1329.403	8227.44	0.63	2796.2	7575.50
5009.68	1331.568	8227.41	0.63	2796.21	7581.02
5008.59	1333.742	8227.37	0.63	2796.18	7586.55
5007.5	1335.916	8227.34	0.63	2796.19	7592.09
5006.39	1338.092	8227.31	0.63	2796.22	7597.62
5005.28	1340.269	8227.27	0.63	2796.16	7603.15
5004.17	1342.439	8227.24	0.63	2796.17	7608.67
5003.04	1344.618	8227.21	0.63	2796.19	7614.20
5001.92	1346.798	8227.18	0.63	2796.16	7619.74
5000.79	1348.979	8227.15	0.63	2796.15	7625.27
4999.66	1351.153	8227.11	0.63	2796.19	7630.79
4998.52	1353.337	8227.08	0.63	2796.22	7636.32
4997.38	1355.521	8227.05	0.63	2796.22	7641.85
4996.25	1357.706	8227.01	0.63	2796.18	7647.39
4995.11	1359.893	8226.98	0.63	2796.18	7652.92
4993.97	1362.073	8226.95	0.63	2796.21	7658.44
4992.84	1364.261	8226.92	0.63	2796.2	7663.97
4991.71	1366.451	8226.89	0.63	2796.22	7669.51
4990.58	1368.642	8226.85	0.63	2796.2	7675.04
4989.45	1370.826	8226.82	0.63	2796.18	7680.55
4988.33	1373.019	8226.78	0.63	2796.16	7686.09
4987.21	1375.213	8226.74	0.63	2796.17	7691.62
4986.09	1377.408	8226.71	0.63	2796.18	7697.16
4984.99	1379.605	8226.67	0.63	2796.22	7702.69

9343.4	40	4201.15	3351.033
9350.1	40	4201.15	3354.034
9356.8	40	4201.15	3357.036
9363.5	40	4201.15	3360.037
9370.1	40	4201.15	3363.039
9376.8	40	4201.15	3366.030
9383.5	40	4201.15	3369.031
9390.1	40	4201.15	3372.033
9396.8	40	4201.15	3375.034
9403.4	40	4201.15	3378.025
9410.1	40	4201.15	3381.027
9416.8	40	4201.15	3384.028
9423.5	40	4201.15	3387.030
9430.1	40	4201.15	3390.021
9436.8	40	4201.15	3393.022
9443.5	40	4201.15	3396.024
9450.1	40	4201.15	3399.025
9456.8	40	4201.15	3402.027
9463.4	40	4201.15	3405.018
9470.1	40	4201.15	3408.019
9476.8	40	4201.15	3411.021
9483.5	40	4201.15	3414.022
9490.1	40	4201.15	3417.013
9496.8	40	4201.15	3420.015
9503.5	40	4201.15	3423.016
9510.1	40	4201.15	3426.018
9516.8	40	4201.15	3429.019
9523.4	40	4201.15	3432.010
9530.1	40	4201.16	3435.012
9536.8	40	4201.15	3438.013
9543.5	40	4201.15	3441.015
9550.1	40	4201.15	3444.006
9556.8	40	4201.15	3447.007
9563.5	40	4201.15	3450.009
9570.1	40	4201.15	3453.010
9576.8	40	4201.15	3456.012
9583.4	40	4201.15	3459.003
9590.1	40	4201.15	3462.004
9596.8	40	4201.15	3465.006
9603.5	40	4201.15	3468.007

4983.88	1381.794	8226.64	0.63	2796.18	7708.21
4982.79	1383.992	8226.61	0.63	2796.17	7713.74
4981.7	1386.192	8226.58	0.63	2796.19	7719.27
4980.62	1388.392	8226.55	0.63	2796.22	7724.81
4979.55	1390.594	8226.51	0.63	2796.21	7730.34
4978.48	1392.788	8226.48	0.63	2796.19	7735.86
4977.42	1394.992	8226.45	0.63	2796.15	7741.39
4976.38	1397.196	8226.42	0.63	2796.18	7746.93
4975.35	1399.402	8226.39	0.63	2796.17	7752.46
4974.32	1401.600	8226.36	0.63	2796.18	7757.97
4973.3	1403.808	8226.32	0.63	2796.18	7763.51
4972.3	1406.016	8226.29	0.63	2796.16	7769.04
4971.3	1408.226	8226.26	0.63	2796.18	7774.58
4970.31	1410.428	8226.23	0.63	2796.21	7780.09
4969.33	1412.639	8226.2	0.63	2796.23	7785.63
4968.38	1414.852	8226.17	0.63	2796.19	7791.16
4967.43	1417.065	8226.14	0.63	2796.2	7796.69
4966.48	1419.279	8226.1	0.63	2796.18	7802.23
4965.56	1421.486	8226.07	0.63	2796.15	7807.74
4964.65	1423.702	8226.04	0.63	2796.18	7813.28
4963.75	1425.918	8226.01	0.63	2796.18	7818.81
4962.94	1428.136	8225.98	0.63	2796.18	7824.35
4962.19	1430.346	8225.95	0.63	2796.2	7829.86
4961.45	1432.565	8225.92	0.63	2796.2	7835.39
4960.75	1434.785	8225.89	0.63	2796.18	7840.93
4960.05	1437.005	8225.85	0.63	2796.23	7846.46
4959.34	1439.226	8225.82	0.63	2796.16	7852.00
4958.7	1441.439	8225.79	0.63	2796.18	7857.51
4958.04	1443.661	8225.76	0.63	2796.2	7863.05
4957.33	1445.884	8225.73	0.63	2796.18	7868.58
4956.63	1448.108	8225.7	0.63	2796.18	7874.11
4955.89	1450.324	8225.67	0.63	2796.16	7879.63
4955.12	1452.549	8225.64	0.63	2796.17	7885.16
4954.44	1454.775	8225.61	0.63	2796.2	7890.70
4953.73	1457.001	8225.58	0.63	2796.18	7896.23
4953	1459.228	8225.55	0.63	2796.21	7901.77
4952.36	1461.448	8225.51	0.63	2796.21	7907.28
4951.69	1463.676	8225.48	0.63	2796.2	7912.81
4951	1465.905	8225.45	0.63	2796.18	7918.35
4950.4	1468.135	8225.42	0.63	2796.2	7923.88

9610.1	40	4201.15	3471.009
9616.8	40	4201.15	3474.000
9623.5	40	4201.15	3477.001
9630.1	40	4201.15	3480.003
9636.8	40	4201.15	3483.004
9643.4	40	4201.15	3485.995
9650.1	40	4201.15	3488.997

4949.77	1470.365	8225.39	0.63	2796.23	7929.42
4949.13	1472.588	8225.36	0.63	2796.25	7934.93
4948.56	1474.819	8225.33	0.63	2796.17	7940.46
4947.97	1477.051	8225.3	0.63	2796.17	7946.00
4947.37	1479.283	8225.27	0.63	2796.15	7951.53
4946.84	1481.508	8225.24	0.63	2796.18	7957.05
4946.3	1483.742	8225.21	0.63	2796.2	7962.58