

Appendix B: Trace Element Data

Table B1. Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICPMS) analyses of sample A-I-1

Distance From Coral Center (microns)	A-I-1 Cd/Ca	Year (AD)
0	0.0129922	1806.55
2.21	0.0103834	1806.59
4.01	0.0115035	1806.62
6.36	0.0121797	1806.66
8.4	0.0118417	1806.7
10.2	0.0117342	1806.73
12.4	0.00914773	1806.76
14.21	0.0118255	1806.8
16.4	0.0117632	1806.83
18.61	0.00913901	1806.87
20.8	0.0115484	1806.91
22.63	0.0105743	1806.94
24.8	0.0095303	1806.98
26.6	0.0099298	1807.01
28.8	0.0106167	1807.05
31	0.00861916	1807.08
32.83	0.00982345	1807.11
35	0.0086136	1807.15
37.21	0.010099	1807.19
39.01	0.00836587	1807.22
41.2	0.0097566	1807.26
43.01	0.00833064	1807.29
45.2	0.0104067	1807.33
47.43	0.00973307	1807.37
49.2	0.00766928	1807.4
51.4	0.008076	1807.43
53.61	0.0059522	1807.47
55.41	0.00772407	1807.5
57.6	0.00836686	1807.54
59.4	0.00851805	1807.57
61.6	0.00710848	1807.61
63.82	0.00612071	1807.65
65.6	0.00568799	1807.68
67.8	0.00514543	1807.71
70.01	0.00873719	1807.75
71.85	0.00489877	1807.78
74	0.010838	1807.82
75.8	0.00712367	1807.85
78	0.00483747	1807.89
80.2	0.00550201	1807.93
82	0.005998	1807.96
84.2	0.00585616	1808
86.4	0.0056191	1808.03
88.21	0.00598847	1808.06

90.4	0.00606162	1808.1
92.2	0.00489064	1808.13
94.4	0.00592762	1808.17
96.6	0.00638316	1808.21
98.4	0.00500707	1808.24
100.6	0.00495496	1808.28
102.8	0.00577541	1808.32
104.6	0.00368576	1808.35
106.8	0.00526057	1808.38
108.61	0.00374393	1808.41
110.8	0.00514392	1808.45
113	0.00569825	1808.49
114.8	0.00302679	1808.52
117	0.00381132	1808.56
119.2	0.00292672	1808.6
121	0.00306784	1808.63
123.2	0.00341098	1808.66
125.4	0.00384368	1808.7
127.2	0.00505874	1808.73
129.4	0.00531211	1808.77
131.61	0.00488742	1808.81
133.4	0.00440957	1808.84
135.6	0.00372078	1808.88
137.89	0.00339576	1808.92
139.6	0.00425186	1808.95
141.8	0.00435428	1808.98
143.6	0.00337612	1809.01
145.94	0.00408755	1809.06
148.01	0.0040988	1809.09
150.2	0.00519256	1809.13
152	0.00568804	1809.16
154.2	0.00497418	1809.2
155.99	0.00437756	1809.23
158.23	0.00640607	1809.27
160.4	0.00495426	1809.3
162.25	0.00579131	1809.33
164.39	0.00647115	1809.37
166.6	0.00518854	1809.41
168.4	0.00474722	1809.44
170.6	0.00724205	1809.48
172.4	0.00424954	1809.51
174.59	0.00540921	1809.55
176.79	0.00583957	1809.58
178.6	0.0050036	1809.62
180.8	0.00489779	1809.65
183	0.00555773	1809.69
184.8	0.00578854	1809.72
187.03	0.00725259	1809.76
188.79	0.00659794	1809.79

190.99	0.00832856	1809.83
193.19	0.00624718	1809.87
194.99	0.00578955	1809.9
197.2	0.00783089	1809.93
199.4	0.00815455	1809.97
201.2	0.0074874	1810
203.42	0.00440009	1810.04
205.19	0.00601606	1810.07
207.39	0.00682675	1810.11
209.59	0.00895926	1810.15
211.4	0.00963602	1810.18
213.59	0.00801928	1810.22
215.8	0.00900605	1810.25
217.6	0.00686906	1810.28
219.8	0.0058238	1810.32
221.74	0.00857488	1810.36
223.79	0.00851626	1810.39
226.01	0.00839511	1810.43
227.79	0.00640079	1810.46
230.07	0.00557887	1810.5
232.2	0.00878317	1810.53
234.04	0.00672442	1810.57
236.23	0.00666472	1810.6
238.07	0.00538644	1810.64
240.19	0.00534992	1810.67
242.39	0.00695048	1810.71
244.21	0.00775492	1810.74
246.41	0.00607071	1810.78
248.6	0.00710108	1810.82
250.4	0.0076118	1810.85
252.59	0.00424091	1810.88
254.39	0.0056635	1810.92
256.59	0.00624898	1810.95
258.79	0.00594749	1810.99
260.59	0.00455253	1811.02
262.79	0.00654669	1811.06
265	0.00569661	1811.1
266.8	0.00591798	1811.13
269	0.00731668	1811.17
271.19	0.00675676	1811.2
272.99	0.00543931	1811.23
275.19	0.0083295	1811.27
277.44	0.00602058	1811.31
279.2	0.00776964	1811.34
281.39	0.0139276	1811.38
283.22	0.00680061	1811.41
285.39	0.00614415	1811.45
287.59	0.00703396	1811.49
289.4	0.00682341	1811.52

291.59	0.00548303	1811.55
293.82	0.00773354	1811.59
295.59	0.00893137	1811.62
297.79	0.00740727	1811.66
299.6	0.00704242	1811.69
301.83	0.00922575	1811.73
303.99	0.00689505	1811.77
305.79	0.00698399	1811.8
307.99	0.00932829	1811.84
310.2	0.0103267	1811.87
312	0.00656456	1811.9
314.2	0.00754367	1811.94
315.99	0.0108957	1811.97
318.19	0.00868343	1812.01
320.39	0.0101617	1812.05
322.19	0.0130205	1812.08
324.39	0.0129115	1812.12
326.59	0.0106374	1812.15
328.4	0.00798002	1812.19
330.59	0.0127879	1812.22
332.78	0.00919716	1812.26
334.59	0.0106615	1812.29
336.81	0.0123686	1812.33
338.99	0.00892058	1812.37
340.79	0.0126781	1812.4
342.98	0.00733938	1812.44
344.79	0.0110561	1812.47
346.98	0.00793009	1812.5
349.19	0.00957805	1812.54
350.99	0.0118844	1812.57
353.22	0.00892606	1812.61
355.39	0.0104618	1812.65
357.19	0.00986117	1812.68
359.39	0.00913201	1812.72
361.19	0.00912996	1812.75
363.39	0.0102618	1812.79
365.58	0.00811048	1812.82
367.38	0.00999711	1812.85
369.59	0.00927485	1812.89
371.79	0.00892536	1812.93
373.59	0.00768023	1812.96
375.78	0.00756352	1813
377.61	0.00570765	1813.03
379.78	0.00959365	1813.07
381.98	0.00671227	1813.1
383.78	0.0118053	1813.14
385.99	0.00611266	1813.17
388.19	0.00755699	1813.21
389.99	0.00693698	1813.24

392.18	0.0103297	1813.28
394.01	0.00727229	1813.31
396.18	0.00848011	1813.35
398.38	0.0104627	1813.39
400.18	0.0103673	1813.42
402.41	0.00808669	1813.45
404.59	0.0107076	1813.49
406.39	0.0088167	1813.52
408.58	0.0115446	1813.56
410.39	0.0103981	1813.59
412.58	0.00851897	1813.63
414.78	0.00894214	1813.67
416.58	0.00670365	1813.7
418.8	0.00865746	1813.74
420.99	0.0116894	1813.77
422.79	0.00941325	1813.8
424.98	0.00662684	1813.84
427.22	0.00835159	1813.88
428.98	0.010585	1813.91
431.18	0.0116516	1813.95
433.39	0.0112943	1813.99
435.19	0.0123143	1814.02
437.38	0.0107917	1814.05
439.18	0.0114976	1814.09
441.38	0.0126682	1814.12
443.62	0.00887195	1814.16
445.39	0.00831023	1814.19
447.58	0.010138	1814.23
449.78	0.00990486	1814.27
451.59	0.0101869	1814.3
453.78	0.0101474	1814.34
455.59	0.00979003	1814.37
457.78	0.0115931	1814.4
459.98	0.0109905	1814.44
461.81	0.0127207	1814.47
463.98	0.0100421	1814.51
466.18	0.00879274	1814.55
468.02	0.0125874	1814.58
470.18	0.0109918	1814.62
471.98	0.0139108	1814.65
474.18	0.0110219	1814.69
476.38	0.00924681	1814.72
478.18	0.01171	1814.75
480.38	0.00986146	1814.79
482.58	0.0141989	1814.83
484.41	0.00995699	1814.86
486.58	0.010928	1814.9
488.38	0.00961922	1814.93
490.58	0.0122165	1814.97

492.78	0.0117695	1815.01
494.58	0.0117051	1815.04
496.78	0.0126511	1815.07
498.98	0.012787	1815.11
500.78	0.0108734	1815.14
502.98	0.0110533	1815.18
504.78	0.0103892	1815.21
506.98	0.00954334	1815.25
509.2	0.0143366	1815.29
510.98	0.0123886	1815.32
513.18	0.0111714	1815.36
515.38	0.0124843	1815.39
517.18	0.0134038	1815.42
519.38	0.0115513	1815.46
521.17	0.0134933	1815.49
523.38	0.0102116	1815.53
525.58	0.0120439	1815.57
527.37	0.0100792	1815.6
529.58	0.0108466	1815.64
531.78	0.0102838	1815.67
533.65	0.00983225	1815.71
535.77	0.012436	1815.74
537.57	0.00798423	1815.77
539.77	0.00896333	1815.81
541.98	0.0119447	1815.85
543.77	0.00932385	1815.88
545.98	0.00741211	1815.92
548.18	0.010424	1815.96
549.99	0.00742455	1815.99
552.18	0.0074272	1816.02
554.37	0.00756398	1816.06
556.17	0.0086683	1816.09
558.43	0.00810897	1816.13
560.58	0.00762987	1816.17
562.38	0.00636453	1816.2
564.57	0.00690655	1816.24
566.37	0.00691377	1816.27
568.57	0.00913842	1816.31
570.78	0.00873133	1816.34
572.58	0.0094787	1816.37
574.78	0.0102975	1816.41
576.98	0.0103108	1816.45
578.78	0.00780086	1816.48
580.97	0.00801276	1816.52
582.81	0.00990546	1816.55
584.97	0.0106341	1816.59
587.17	0.0112491	1816.62
588.97	0.00992374	1816.66
591.18	0.0130546	1816.69

593.38	0.00900909	1816.73
595.18	0.0134377	1816.76
597.37	0.0110422	1816.8
599.19	0.0134234	1816.83
601.37	0.0110453	1816.87
603.57	0.0106848	1816.91
605.37	0.0107591	1816.94
607.62	0.0113896	1816.98
609.78	0.012337	1817.01
611.58	0.0136107	1817.04
613.77	0.0108597	1817.08
615.57	0.0119827	1817.11
617.77	0.00966477	1817.15
619.97	0.0143866	1817.19
621.77	0.0129955	1817.22
624.01	0.00871659	1817.26
626.18	0.0115804	1817.29
627.98	0.011187	1817.32
630.17	0.0106088	1817.36
631.97	0.0135877	1817.39
634.17	0.0110321	1817.43
636.37	0.0118823	1817.47
638.17	0.0123861	1817.5
640.37	0.0148344	1817.54
642.57	0.0121649	1817.58
644.37	0.0133317	1817.61
646.57	0.011793	1817.64
648.4	0.0119502	1817.68
650.69	0.0140613	1817.71
652.77	0.0125506	1817.75
654.7	0.0128087	1817.78
656.78	0.0141289	1817.82
658.97	0.00945269	1817.86
660.77	0.0135174	1817.89
662.97	0.0143135	1817.93
664.77	0.013814	1817.96
666.97	0.0163171	1817.99
669.17	0.0130285	1818.03
670.97	0.0132634	1818.06
673.22	0.0154111	1818.1
675.37	0.014037	1818.14
677.17	0.0142836	1818.17
679.37	0.0163038	1818.21
681.57	0.0121582	1818.24
683.38	0.0127903	1818.28
685.57	0.0134061	1818.31
687.77	0.0106827	1818.35
689.58	0.0110763	1818.38
691.77	0.0142866	1818.42

693.58	0.0104139	1818.45
695.77	0.0121965	1818.49
698.01	0.0112578	1818.53
699.77	0.00927986	1818.56
701.97	0.0143667	1818.59
704.17	0.013402	1818.63
705.97	0.01142	1818.66
708.17	0.0123088	1818.7
709.96	0.0155105	1818.73
712.17	0.0131932	1818.77
714.39	0.0135007	1818.81
716.17	0.0131142	1818.84
718.37	0.00933501	1818.88
720.57	0.00975057	1818.91
722.37	0.0115463	1818.94
724.56	0.0135531	1818.98
726.36	0.0119296	1819.01
728.56	0.0120983	1819.05
730.84	0.0119338	1819.09
732.56	0.017616	1819.12
734.83	0.0142966	1819.16
736.97	0.0125666	1819.19
738.85	0.0170865	1819.23
740.96	0.0155299	1819.26
742.87	0.0163026	1819.3
744.96	0.0159145	1819.33
747.17	0.0152336	1819.37
748.96	0.0135943	1819.4
751.2	0.0187969	1819.44
753.37	0.0148289	1819.48
755.17	0.0120646	1819.51
757.36	0.0136307	1819.54
759.18	0.0149693	1819.58
761.36	0.0124433	1819.61
763.61	0.0136373	1819.65
765.36	0.0119754	1819.68
767.57	0.015231	1819.72
769.77	0.0106499	1819.76
771.57	0.0166161	1819.79
773.76	0.0112088	1819.83
775.56	0.0149164	1819.86
777.76	0.0131303	1819.89
779.98	0.0149528	1819.93
781.76	0.013091	1819.96
783.96	0.0110904	1820
786.17	0.0144905	1820.04
788.01	0.0157872	1820.07
790.16	0.0141903	1820.11
791.96	0.0115162	1820.14

794.16	0.0134653	1820.18
796.36	0.0170478	1820.21
798.16	0.0133523	1820.24
800.36	0.0243475	1820.28
802.57	0.0159949	1820.32
804.37	0.0125713	1820.35
806.56	0.0193151	1820.39
808.36	0.0152365	1820.42
810.56	0.021364	1820.46
812.76	0.0140727	1820.49
814.97	0.0154892	1820.53
816.77	0.0159273	1820.56
818.98	0.0196762	1820.6
820.76	0.0198095	1820.63
823.04	0.0152101	1820.67
825.16	0.0190443	1820.71
826.99	0.0207936	1820.74
829.19	0.0187843	1820.78
831.37	0.0233054	1820.81
833.16	0.0197928	1820.84
835.36	0.0192364	1820.88
837.21	0.0217799	1820.91
839.37	0.0212646	1820.95
841.56	0.0169777	1820.99
843.36	0.020846	1821.02
845.56	0.0153293	1821.06
847.76	0.0186352	1821.1
849.56	0.018623	1821.13
851.76	0.0166537	1821.16
853.6	0.0195028	1821.2
855.76	0.0205944	1821.23
857.96	0.0183955	1821.27
859.76	0.0187045	1821.3
861.96	0.0166566	1821.34
864.17	0.0179208	1821.38
865.96	0.0198433	1821.41
868.16	0.0187362	1821.45
869.98	0.0255289	1821.48
872.16	0.0210738	1821.51
874.36	0.019718	1821.55
876.16	0.0177805	1821.58
878.4	0.0186314	1821.62
880.56	0.0156317	1821.66
882.37	0.0192218	1821.69
884.56	0.0163845	1821.73
886.36	0.0208807	1821.76
888.56	0.0178418	1821.8
890.76	0.0246996	1821.83
892.56	0.0149601	1821.86

894.77	0.0163355	1821.9
896.96	0.0201136	1821.94
898.76	0.0148119	1821.97
900.96	0.0240202	1822.01
902.76	0.0213524	1822.04
904.96	0.0197761	1822.08
907.16	0.0238022	1822.11
908.95	0.0230235	1822.14
911.17	0.0205223	1822.18
913.36	0.0168916	1822.22
915.17	0.0231207	1822.25
917.35	0.0249123	1822.29
919.19	0.0207014	1822.32
921.35	0.0149431	1822.35
923.55	0.0227104	1822.39
925.35	0.0234699	1822.42
927.56	0.0168351	1822.46
929.76	0.0173713	1822.5
931.56	0.0164925	1822.53
933.75	0.0202195	1822.57
935.56	0.0192732	1822.6
937.75	0.0170105	1822.63
939.95	0.0183838	1822.67
941.75	0.0188426	1822.7
944	0.0166458	1822.74
946.16	0.0197603	1822.78
947.96	0.0205188	1822.81
950.15	0.0208499	1822.84
952.35	0.0235765	1822.88
954.15	0.0149139	1822.91
956.35	0.0170141	1822.95
958.56	0.0117521	1822.99
960.38	0.0148981	1823.02
962.55	0.0136947	1823.06
964.36	0.014479	1823.09
966.55	0.0176416	1823.12
968.8	0.0155555	1823.16
970.56	0.0155133	1823.19
972.75	0.0143078	1823.23
974.96	0.0127117	1823.26
976.76	0.00945648	1823.26
978.95	0.0133107	1823.28
980.76	0.017477	1823.29
982.95	0.0118662	1823.3
985.16	0.0155038	1823.31
986.95	0.0129616	1823.32
989.15	0.0162489	1823.33
991.36	0.0142171	1823.34
993.16	0.0149009	1823.35

995.35	0.0109837	1823.36
997.15	0.0134851	1823.37
999.35	0.0134064	1823.39
1001.56	0.0136537	1823.4
1003.35	0.0128339	1823.41
1005.55	0.0142049	1823.42
1007.76	0.0176265	1823.43
1009.59	0.0161625	1823.44
1011.75	0.0145768	1823.45
1013.55	0.0172347	1823.46
1015.75	0.0142532	1823.47
1017.95	0.0175512	1823.49
1019.75	0.0149834	1823.5
1021.95	0.0175657	1823.51
1024.15	0.0152856	1823.52
1025.96	0.0155292	1823.53
1028.15	0.0157736	1823.54
1029.95	0.0163295	1823.55
1032.15	0.0178099	1823.56
1034.39	0.0184764	1823.57
1036.15	0.0178546	1823.58
1038.35	0.0159171	1823.6
1040.55	0.0167353	1823.61
1042.36	0.0162206	1823.62
1044.55	0.0214314	1823.63
1046.35	0.0197847	1823.64
1048.55	0.0213549	1823.65
1050.77	0.0205329	1823.66
1052.55	0.0180176	1823.67
1054.75	0.019942	1823.68
1056.96	0.0184275	1823.7
1058.92	0.0230637	1823.71
1061.05	0.0234704	1823.72
1062.85	0.0189032	1823.73
1065.05	0.0194757	1823.74
1066.85	0.0200306	1823.75
1069.05	0.0198326	1823.76
1071.25	0.0214631	1823.77
1073.05	0.0231337	1823.78
1075.38	0.0231819	1823.79
1077.45	0.0193398	1823.81
1079.25	0.0212108	1823.82
1081.45	0.0223521	1823.83
1083.65	0.0217907	1823.84
1085.45	0.0197641	1823.85
1087.65	0.0208242	1823.86
1089.85	0.0210487	1823.87
1091.66	0.018894	1823.88
1093.85	0.0218278	1823.89

1095.64	0.0261487	1823.9
1097.85	0.02262	1823.92
1100.05	0.024439	1823.93
1101.84	0.0204521	1823.94
1104.04	0.0240228	1823.95
1106.25	0.0251074	1823.96
1108.05	0.0281097	1823.97
1110.24	0.0280768	1823.98
1112.04	0.0257633	1823.99
1114.25	0.0230628	1824
1116.44	0.0235005	1824.01
1118.24	0.0257614	1824.02
1120.44	0.0282735	1824.04
1122.65	0.0258084	1824.05
1124.49	0.0276589	1824.06
1126.64	0.0308099	1824.07
1128.44	0.0316636	1824.08
1130.65	0.0263314	1824.09
1132.84	0.0283171	1824.1
1134.64	0.0311959	1824.11
1136.84	0.032446	1824.14
1139.05	0.0259858	1824.18
1140.87	0.0250017	1824.22
1143.04	0.0276523	1824.26
1144.84	0.0279978	1824.3
1147.04	0.025018	1824.34
1149.25	0.0276149	1824.39
1151.04	0.0259431	1824.42
1153.24	0.0302747	1824.47
1155.54	0.0262224	1824.51
1157.25	0.0283792	1824.55
1159.5	0.0217442	1824.59
1161.24	0.0245571	1824.63
1163.53	0.0212225	1824.68
1165.65	0.0249727	1824.72
1167.55	0.0270081	1824.76
1169.64	0.0249655	1824.8
1171.85	0.021401	1824.84
1173.65	0.0237578	1824.88
1175.86	0.0205219	1824.92
1177.64	0.0238468	1824.96
1179.84	0.0238006	1825
1182.05	0.0209978	1825.05
1183.84	0.0235038	1825.09
1186.04	0.0194267	1825.13
1188.25	0.0300244	1825.17
1190.08	0.0211456	1825.21
1192.24	0.0223763	1825.26
1194.04	0.0210454	1825.29

1196.24	0.0228647	1825.34
1198.44	0.02001	1825.38
1200.24	0.0215398	1825.42
1202.44	0.0214059	1825.46
1204.68	0.0162536	1825.51
1206.45	0.021569	1825.54
1208.64	0.0179096	1825.59
1210.84	0.0217366	1825.63
1212.64	0.0204721	1825.67
1214.84	0.0195593	1825.71
1217.04	0.0184821	1825.76
1218.84	0.0216854	1825.79
1221.04	0.0173242	1825.84
1222.85	0.0207893	1825.87
1225.04	0.0196735	1825.92
1227.24	0.0209112	1825.96
1229.04	0.0205484	1826
1231.25	0.0176318	1826.04
1233.44	0.0222372	1826.09
1235.24	0.0198111	1826.12
1237.44	0.0204065	1826.17
1239.24	0.017765	1826.2
1241.44	0.0185247	1826.25
1243.7	0.0199187	1826.29
1245.44	0.0197736	1826.33
1247.66	0.0185559	1826.37
1249.84	0.0201615	1826.42
1251.71	0.0199219	1826.46
1253.84	0.0195921	1826.5
1255.7	0.0213514	1826.54
1257.84	0.0145987	1826.58
1260.04	0.0184555	1826.62
1261.84	0.0200956	1826.66
1264.04	0.0170114	1826.7
1266.24	0.0186218	1826.75
1268.04	0.0163373	1826.79
1270.24	0.0214132	1826.83
1272.08	0.0191763	1826.87
1274.24	0.0181524	1826.91
1276.44	0.0147999	1826.95
1278.23	0.018218	1826.99
1280.48	0.0183617	1827.04
1282.64	0.0201945	1827.08
1284.44	0.0161767	1827.12
1286.63	0.0194234	1827.16
1288.44	0.0183289	1827.2
1290.63	0.0149368	1827.24
1292.83	0.0221875	1827.29
1294.63	0.0183171	1827.32

1296.84	0.0193421	1827.37
1299.04	0.0205874	1827.41
1300.84	0.021917	1827.45
1303.12	0.0198103	1827.49
1304.92	0.0232169	1827.53
1307.03	0.0202267	1827.57
1309.23	0.0215049	1827.62
1311.03	0.0253771	1827.65
1313.24	0.0231698	1827.7
1315.44	0.0198432	1827.74
1317.24	0.0225862	1827.78
1319.43	0.0169207	1827.82
1321.26	0.0184664	1827.86
1323.43	0.0182739	1827.9
1325.63	0.0191825	1827.95
1327.43	0.0196141	1827.98
1329.68	0.0181665	1828.03
1331.84	0.0214228	1828.07
1333.64	0.0213599	1828.11
1335.83	0.0205906	1828.15
1338.04	0.0194705	1828.2
1339.85	0.0262358	1828.23
1342.03	0.0175116	1828.28
1344.24	0.0259431	1828.32
1346.04	0.0219066	1828.36
1348.23	0.0222626	1828.4
1350.04	0.0185358	1828.44
1352.33	0.0221002	1828.49
1354.14	0.0186824	1828.52
1356.33	0.0185127	1828.57
1358.53	0.0179867	1828.61
1360.33	0.015778	1828.65
1362.54	0.0195374	1828.69
1364.74	0.0195444	1828.74
1366.54	0.0198109	1828.77
1368.73	0.0163825	1828.82
1370.57	0.0173765	1828.85
1372.73	0.014761	1828.9
1374.97	0.0163065	1828.94
1376.74	0.0184519	1828.98
1378.93	0.0176951	1829.02
1381.14	0.0158372	1829.07
1382.94	0.0190003	1829.1
1385.13	0.0153596	1829.15
1386.94	0.0179667	1829.18
1389.13	0.0162604	1829.23
1391.33	0.0167522	1829.27
1393.13	0.0166664	1829.31
1395.34	0.0185756	1829.35

1397.54	0.0182619	1829.4
1399.33	0.0159107	1829.43
1401.53	0.0162171	1829.48
1403.33	0.0148	1829.52
1405.53	0.0166538	1829.56
1407.73	0.018774	1829.6
1409.53	0.0212303	1829.64
1411.76	0.0158575	1829.69
1413.93	0.0154463	1829.73
1415.73	0.0177271	1829.77
1417.93	0.0184188	1829.81
1419.77	0.0154978	1829.85
1421.93	0.0213007	1829.89
1424.13	0.0189534	1829.94
1425.93	0.0180982	1829.97
1428.13	0.0192045	1830.02
1430.33	0.0182053	1830.06
1432.13	0.020402	1830.1
1434.33	0.0197037	1830.14
1436.15	0.0177294	1830.18
1438.33	0.0207263	1830.22
1440.53	0.0162271	1830.27
1442.33	0.0182954	1830.3
1444.53	0.0178892	1830.35
1446.73	0.0178505	1830.39
1448.53	0.0189275	1830.43
1450.73	0.0210354	1830.47
1452.53	0.0195498	1830.51
1454.73	0.017985	1830.55
1456.93	0.0194713	1830.6
1458.73	0.0180393	1830.63
1460.97	0.0180379	1830.68
1463.13	0.0185787	1830.72
1464.93	0.0218436	1830.76
1467.13	0.0174291	1830.8
1469.33	0.0199876	1830.85
1471.14	0.0190377	1830.88
1473.32	0.0203937	1830.93
1475.53	0.0199305	1830.97
1477.34	0.0195337	1831.01
1479.53	0.0186766	1831.05
1481.33	0.0172665	1831.09
1483.52	0.0183945	1831.13
1485.75	0.016399	1831.18
1487.52	0.0158036	1831.21
1489.73	0.0174597	1831.26
1492.05	0.0160267	1831.31
1493.73	0.0161754	1831.34
1496.04	0.0211418	1831.39

1497.72	0.0136361	1831.42
1500.05	0.0150903	1831.47
1502.15	0.0163613	1831.51
1503.92	0.0195597	1831.55
1506.13	0.0132889	1831.59
1508.33	0.0173791	1831.63
1510.17	0.0117841	1831.67
1512.36	0.0137138	1831.72
1514.12	0.012572	1831.75
1516.32	0.0111435	1831.8
1518.52	0.0124153	1831.84
1520.37	0.012941	1831.85
1522.52	0.0133893	1831.87
1524.73	0.0149934	1831.89
1526.55	0.0144119	1831.91
1528.72	0.0113856	1831.93
1530.52	0.0133925	1831.95
1532.72	0.0154944	1831.97
1534.97	0.0140136	1831.99
1536.72	0.0127035	1832.01
1538.92	0.0148642	1832.03
1541.13	0.0164059	1832.05
1542.96	0.0154847	1832.07
1545.12	0.0146757	1832.09
1546.92	0.0159652	1832.11
1549.12	0.0141802	1832.13
1551.34	0.014048	1832.15
1553.12	0.0156337	1832.17
1555.32	0.0146228	1832.19
1557.53	0.0139536	1832.21
1559.33	0.018431	1832.23
1561.52	0.0152885	1832.25
1563.32	0.0167547	1832.27
1565.52	0.0192518	1832.29
1567.73	0.0126414	1832.31
1569.52	0.0180572	1832.33
1571.72	0.0157218	1832.35
1573.93	0.0145005	1832.37
1575.75	0.0173071	1832.39
1577.92	0.0160187	1832.41
1579.72	0.0172208	1832.43
1581.92	0.0169563	1832.45
1584.23	0.019448	1832.47
1586.09	0.0175049	1832.49
1588.27	0.020538	1832.51
1590.32	0.0162384	1832.53
1592.21	0.0155486	1832.55
1594.32	0.0182358	1832.57
1596.21	0.0167451	1832.58

1598.32	0.015801	1832.6
1600.52	0.0163897	1832.63
1602.75	0.0159768	1832.65
1604.52	0.0153613	1832.66
1606.72	0.0165811	1832.69
1608.52	0.0148589	1832.7
1610.76	0.016919	1832.72
1612.92	0.0165758	1832.75
1614.72	0.0206802	1832.76
1616.92	0.0184775	1832.78
1619.12	0.0162594	1832.81
1620.92	0.0195173	1832.82
1623.12	0.0209657	1832.84
1624.92	0.0183609	1832.86
1627.14	0.0190866	1832.88
1629.32	0.01992	1832.9
1631.12	0.018803	1832.92
1633.32	0.0193586	1832.94
1635.53	0.0198974	1832.96
1637.32	0.0230808	1832.98
1639.52	0.0176002	1833
1641.32	0.0191749	1833.02
1643.52	0.017776	1833.04
1645.72	0.015207	1833.06
1647.52	0.0156857	1833.08
1649.72	0.0187996	1833.1
1651.96	0.0171498	1833.12
1653.72	0.0181354	1833.14
1655.92	0.0200829	1833.16
1657.71	0.0210128	1833.18
1659.92	0.0230644	1833.2
1662.11	0.0203994	1833.22
1663.91	0.0218728	1833.24
1666.12	0.01675	1833.26
1668.34	0.0207341	1833.28
1670.12	0.0196588	1833.3
1672.35	0.0226241	1833.32
1674.11	0.0222119	1833.34
1676.41	0.0204799	1833.36
1678.51	0.0193304	1833.38
1680.41	0.0193576	1833.4
1682.52	0.0213786	1833.42
1684.72	0.0250257	1833.44
1686.52	0.0225519	1833.46
1688.71	0.0240093	1833.48
1690.51	0.0250384	1833.49
1692.73	0.0225915	1833.51
1694.91	0.0215252	1833.54
1696.72	0.02158	1833.55

1698.92	0.023228	1833.57
1701.16	0.0219197	1833.6
1702.92	0.0196427	1833.61
1705.11	0.0239658	1833.63
1706.91	0.021241	1833.65
1709.11	0.0216071	1833.67
1711.31	0.0257061	1833.69
1713.11	0.0210627	1833.71
1715.31	0.0245386	1833.73
1717.52	0.0209483	1833.75
1719.32	0.0213729	1833.77
1721.51	0.0210264	1833.79
1723.31	0.0187992	1833.81
1725.54	0.022411	1833.83
1727.71	0.0232077	1833.85
1729.51	0.0236785	1833.87
1731.71	0.019871	1833.89
1733.92	0.023263	1833.91
1735.72	0.0267503	1833.93
1737.91	0.0249664	1833.95
1740.11	0.0214569	1833.97
1741.95	0.0226157	1833.99
1744.11	0.0197139	1834.01
1746.32	0.0224586	1834.03
1748.12	0.0196053	1834.05
1750.31	0.017604	1834.07
1752.11	0.0226733	1834.09
1754.31	0.0188513	1834.11
1756.53	0.0232639	1834.13
1758.32	0.0171506	1834.15
1760.53	0.0186101	1834.17
1762.72	0.018923	1834.19
1764.52	0.0192683	1834.21
1766.74	0.0179112	1834.23
1768.56	0.0179216	1834.25
1770.71	0.0154241	1834.27
1772.91	0.0150667	1834.29
1774.71	0.0152071	1834.31
1776.91	0.0189011	1834.33
1779.12	0.0172421	1834.35
1780.91	0.0212551	1834.37
1783.13	0.0204021	1834.39
1784.92	0.0205747	1834.4
1787.11	0.0194409	1834.42
1789.31	0.0149187	1834.45
1791.15	0.0215067	1834.46
1793.31	0.0202166	1834.48
1795.51	0.0156817	1834.51
1797.31	0.0200025	1834.52

1799.51	0.0213828	1834.54
1801.31	0.0219049	1834.56
1803.51	0.0190341	1834.58
1805.71	0.0199079	1834.6
1807.53	0.0191382	1834.62
1809.71	0.0188987	1834.64
1811.91	0.0201473	1834.66
1813.71	0.0151226	1834.68
1815.91	0.0240459	1834.7
1817.71	0.0188586	1834.72
1819.91	0.0214908	1834.74
1822.11	0.0199602	1834.76
1823.91	0.0205694	1834.78
1826.11	0.0165409	1834.8
1828.31	0.0184289	1834.82
1830.11	0.0191139	1834.84
1832.35	0.0245192	1834.86
1834.11	0.0190143	1834.88
1836.31	0.0224033	1834.9
1838.51	0.0243278	1834.92
1840.31	0.0280357	1834.94
1842.51	0.0232107	1834.96
1844.72	0.0218211	1834.98
1846.51	0.0224599	1835
1848.72	0.01944	1835.02
1850.59	0.0254832	1835.04
1852.71	0.0229271	1835.06
1854.91	0.0210096	1835.08
1856.75	0.0240589	1835.1
1858.91	0.0230483	1835.12
1861.11	0.0239975	1835.14
1862.91	0.0223483	1835.16
1865.11	0.0192339	1835.18
1867.3	0.0224586	1835.2
1869.1	0.0246293	1835.22
1871.3	0.0217161	1835.24
1873.54	0.0221349	1835.26
1875.31	0.0244497	1835.28
1877.5	0.0216909	1835.3
1879.31	0.0260643	1835.31
1881.51	0.0227402	1835.34
1883.71	0.0251964	1835.36
1885.51	0.025058	1835.37
1887.7	0.0296241	1835.39
1889.91	0.0250131	1835.42
1891.71	0.0233383	1835.43
1893.91	0.0289924	1835.45
1895.71	0.0211144	1835.47
1897.92	0.0228944	1835.49

1900.1	0.0246222	1835.51
1901.9	0.0244055	1835.53
1904.11	0.0275606	1835.55
1906.35	0.0284138	1835.57
1908.11	0.0258885	1835.59
1910.3	0.0246062	1835.61
1912.1	0.0252601	1835.63
1914.32	0.0238973	1835.65
1916.5	0.0222962	1835.67
1918.3	0.0225136	1835.69
1920.5	0.019358	1835.71
1922.75	0.029336	1835.73
1924.51	0.0222209	1835.75
1926.7	0.0256508	1835.77
1928.5	0.0275242	1835.79
1930.7	0.0190759	1835.81
1932.9	0.0251289	1835.83
1934.7	0.0186507	1835.85
1936.9	0.0206603	1835.87
1939.11	0.02223	1835.89
1940.91	0.0212285	1835.91
1943.1	0.0233844	1835.93
1944.9	0.0232277	1835.95
1947.13	0.0209313	1835.97
1949.3	0.0209984	1835.99
1951.1	0.0208662	1836.01
1953.3	0.0223926	1836.03
1955.51	0.0205074	1836.05
1957.31	0.0191964	1836.07
1959.5	0.0187343	1836.09
1961.3	0.0175366	1836.1
1963.5	0.0212728	1836.13
1965.7	0.0215106	1836.15
1967.5	0.0212544	1836.16
1969.7	0.0195921	1836.19
1971.93	0.0187205	1836.21
1973.7	0.0196693	1836.22
1975.9	0.0213175	1836.25
1977.7	0.0231154	1836.26
1979.9	0.021548	1836.28
1982.1	0.0203953	1836.31
1983.9	0.0233624	1836.32
1986.1	0.0205733	1836.34
1988.32	0.023811	1836.37
1990.1	0.0213295	1836.38
1992.3	0.0242261	1836.4
1994.5	0.0238486	1836.42
1996.35	0.0226098	1836.44
1998.5	0.0230919	1836.46

2000.7	0.0237325	1836.48
2002.5	0.0197666	1836.5
2004.72	0.0266535	1836.52
2006.51	0.024116	1836.54
2008.7	0.0240048	1836.56
2010.9	0.0229073	1836.58
2012.88	0.0223159	1836.6
2014.9	0.0254531	1836.62
2017.1	0.031391	1836.64
2018.9	0.0235213	1836.66
2021.1	0.0225958	1836.68
2022.9	0.0242392	1836.7
2025.1	0.0248815	1836.72
2027.3	0.026996	1836.74
2029.1	0.025587	1836.76
2031.3	0.0247449	1836.78
2033.5	0.0258648	1836.8
2035.3	0.0236703	1836.82
2037.53	0.0215591	1836.84
2039.29	0.0260385	1836.86
2041.49	0.0280399	1836.88
2043.69	0.0261086	1836.9
2045.5	0.0248246	1836.92
2047.7	0.0266596	1836.94
2049.9	0.0248975	1836.96
2051.7	0.0218261	1836.98
2053.92	0.0266106	1837
2055.69	0.023888	1837.01
2057.89	0.0206156	1837.04
2060.09	0.0230682	1837.06
2061.94	0.0216036	1837.08
2064.1	0.0260903	1837.1
2066.3	0.0223371	1837.12
2068.1	0.022576	1837.13
2070.3	0.0246191	1837.16
2072.09	0.0213501	1837.17
2074.29	0.0231403	1837.19
2076.49	0.0222819	1837.22
2078.31	0.0220518	1837.23
2080.5	0.0183944	1837.25
2082.7	0.0247287	1837.28
2084.5	0.0201542	1837.29
2086.74	0.0249896	1837.31
2088.49	0.0232484	1837.33
2090.69	0.0236626	1837.35
2093.01	0.023907	1837.37
2094.71	0.0234042	1837.39
2097	0.0249036	1837.41
2099.1	0.0252571	1837.43

2101.02	0.0193167	1837.45
2103.13	0.0211788	1837.47
2104.89	0.0276634	1837.49
2107.09	0.0266619	1837.51
2109.29	0.0255233	1837.53
2111.09	0.024743	1837.55
2113.29	0.0267942	1837.57
2115.5	0.0241303	1837.59
2117.3	0.0239425	1837.61
2119.49	0.0253866	1837.63
2121.29	0.0276667	1837.65
2123.49	0.0228217	1837.67
2125.69	0.0246097	1837.69
2127.9	0.0264002	1837.71
2129.7	0.0273492	1837.73
2131.89	0.0198718	1837.75
2133.69	0.026205	1837.77
2135.89	0.0239558	1837.79
2138.1	0.027329	1837.81
2139.9	0.0226361	1837.83
2142.09	0.0247583	1837.85
2144.34	0.0263711	1837.87
2146.1	0.0293557	1837.89
2148.29	0.023037	1837.91
2150.1	0.0260255	1837.93
2152.33	0.0235714	1837.95
2154.49	0.021541	1837.97
2156.29	0.0238305	1837.98
2158.49	0.0240785	1838.01
2160.7	0.0203639	1838.03
2162.49	0.0262875	1838.04
2164.69	0.0236748	1838.07
2166.49	0.0218425	1838.08
2168.71	0.0224832	1838.1
2170.89	0.0221774	1838.13
2172.69	0.0245336	1838.14
2174.89	0.0254395	1838.16
2177.22	0.023663	1838.19
2178.92	0.0231154	1838.2
2181.17	0.023534	1838.22
2182.89	0.0230113	1838.24
2185.14	0.0253828	1838.26
2187.29	0.0252549	1838.28
2189.16	0.0234034	1838.3
2191.29	0.0251397	1838.32
2193.49	0.0258587	1838.34
2195.29	0.0220928	1838.36
2197.49	0.023004	1838.38
2199.29	0.0230754	1838.4

2201.53	0.0315457	1838.42
2203.69	0.025618	1838.44
2205.49	0.0215963	1838.46
2207.69	0.0212316	1838.48
2209.93	0.0266232	1838.5
2211.69	0.0223858	1838.52
2213.89	0.0214608	1838.54
2215.69	0.0242361	1838.56
2217.92	0.0247651	1838.58
2220.09	0.0260703	1838.6
2221.89	0.027771	1838.62
2224.09	0.0288045	1838.64
2226.29	0.0281587	1838.66
2228.09	0.025084	1838.68
2230.28	0.0283787	1838.7
2232.08	0.0242084	1838.72
2234.32	0.0258126	1838.74
2236.48	0.0223624	1838.76
2238.28	0.0230311	1838.78
2240.49	0.0271264	1838.8
2242.73	0.0255808	1838.82
2244.49	0.0267028	1838.84
2246.68	0.0261856	1838.86
2248.48	0.0275707	1838.87
2250.69	0.0287745	1838.9
2252.88	0.0278105	1838.92
2254.68	0.0294874	1838.93
2256.89	0.0259257	1838.96
2259.11	0.0245958	1838.98
2261.29	0.0269811	1839
2263.08	0.0277043	1839.01
2265.33	0.0275943	1839.04
2267.08	0.0262474	1839.05
2269.36	0.0261232	1839.08
2271.49	0.0250884	1839.1
2273.32	0.0249384	1839.11
2275.48	0.0240363	1839.13
2277.69	0.025922	1839.16
2279.49	0.0232963	1839.17
2281.69	0.0351763	1839.19
2283.53	0.026121	1839.21
2285.68	0.0265036	1839.23
2287.88	0.0263668	1839.25
2289.68	0.0249553	1839.27
2291.88	0.0239446	1839.29
2294.09	0.027309	1839.31
2295.89	0.0275327	1839.33
2298.08	0.0253675	1839.35
2299.89	0.0278892	1839.37

2302.08	0.0301853	1839.39
2304.28	0.0243585	1839.41
2306.08	0.0272599	1839.43
2308.31	0.0293036	1839.45
2310.49	0.0208608	1839.47
2312.29	0.0242244	1839.49
2314.48	0.0228704	1839.51
2316.28	0.0214011	1839.53
2318.48	0.0263542	1839.55
2320.68	0.0268427	1839.57
2322.48	0.0219763	1839.59
2324.83	0.0228234	1839.61
2326.89	0.0231322	1839.63
2328.69	0.0231245	1839.65
2330.88	0.0217121	1839.67
2332.72	0.018672	1839.69
2334.88	0.0301111	1839.71
2337.08	0.0226739	1839.73
2338.88	0.0215674	1839.75
2341.08	0.0227312	1839.77
2343.29	0.0219963	1839.79
2345.08	0.0193355	1839.81
2347.28	0.0249545	1839.83
2349.1	0.0265055	1839.84
2351.28	0.0254714	1839.87
2353.48	0.0195337	1839.89
2355.28	0.023899	1839.9
2357.53	0.0218966	1839.93
2359.68	0.0214792	1839.95
2361.49	0.0238541	1839.96
2363.68	0.0210872	1839.98
2365.49	0.0178446	1840
2367.68	0.0204125	1840.02
2369.88	0.0243813	1840.04
2371.68	0.0221214	1840.06
2373.89	0.0202137	1840.08
2376.08	0.0209609	1840.1
2377.88	0.0173098	1840.12
2380.08	0.0222751	1840.14
2381.88	0.0197365	1840.16
2384.08	0.0212628	1840.18
2386.28	0.0227739	1840.2
2388.48	0.0213709	1840.22
2390.29	0.0158634	1840.24
2392.48	0.0205158	1840.26
2394.28	0.0189842	1840.28
2396.48	0.0239691	1840.3
2398.71	0.023405	1840.32
2400.48	0.0233292	1840.34

2402.68	0.0225949	1840.36
2404.88	0.017972	1840.38
2406.68	0.0193739	1840.4
2408.88	0.0177886	1840.42
2410.68	0.0290209	1840.44
2412.87	0.0216526	1840.46
2415.11	0.0216416	1840.48
2416.87	0.023047	1840.5
2419.08	0.0251215	1840.52
2421.28	0.031368	1840.54
2423.12	0.0231343	1840.56
2425.27	0.0249884	1840.58
2427.07	0.0261975	1840.6
2429.27	0.0279536	1840.62
2431.48	0.0257111	1840.64
2433.27	0.0246678	1840.66
2435.48	0.0235566	1840.68
2437.68	0.0237522	1840.7
2439.48	0.0246212	1840.72
2441.67	0.0251354	1840.74
2443.47	0.0272657	1840.75
2445.67	0.0288505	1840.78
2447.91	0.0223376	1840.8
2449.67	0.0219038	1840.81
2451.88	0.0243619	1840.84
2454.08	0.0276678	1840.86
2455.88	0.0251447	1840.87
2458.07	0.0272987	1840.89
2459.87	0.0314473	1840.91
2462.07	0.0286574	1840.93
2464.3	0.026734	1840.96
2466.07	0.028207	1840.97
2468.27	0.0282006	1840.99
2470.48	0.0258424	1841.01
2472.28	0.0264675	1841.03
2474.47	0.0255797	1841.05
2476.27	0.0206198	1841.07
2478.47	0.0269791	1841.09
2480.68	0.0249129	1841.11
2482.47	0.0219281	1841.13
2484.67	0.0223762	1841.15
2486.88	0.0214497	1841.17
2488.71	0.0266721	1841.19
2490.87	0.0248021	1841.21
2492.67	0.0220298	1841.23
2494.87	0.0232198	1841.25
2497.07	0.0237621	1841.27
2498.87	0.0243125	1841.29
2501.07	0.0231712	1841.31

2503.28	0.0261392	1841.33
2505.1	0.0254847	1841.35
2507.27	0.0287972	1841.37
2509.07	0.0265948	1841.39
2511.27	0.0246052	1841.41
2513.51	0.0283195	1841.43
2515.27	0.0262201	1841.45
2517.47	0.0286561	1841.47
2519.68	0.0267798	1841.49
2521.48	0.0275202	1841.51
2523.67	0.0271019	1841.53
2525.88	0.030535	1841.55
2527.67	0.0278427	1841.57
2529.89	0.0353596	1841.59
2532.08	0.0255279	1841.61
2533.87	0.0312053	1841.63
2536.07	0.0271427	1841.65
2537.87	0.0278302	1841.66
2540.07	0.025691	1841.69
2542.28	0.027818	1841.71
2544.07	0.0252287	1841.72
2546.27	0.0279819	1841.75
2548.47	0.0271918	1841.77
2550.27	0.0244428	1841.78
2552.47	0.0257703	1841.81
2554.32	0.0245113	1841.82
2556.47	0.0237676	1841.84
2558.67	0.0231356	1841.87
2560.47	0.0231671	1841.88
2562.67	0.0249916	1841.9
2564.87	0.0228064	1841.92
2566.67	0.0213692	1841.94
2568.87	0.0211733	1841.96
2570.67	0.0237606	1841.98
2572.87	0.0199193	1842
2575.07	0.017855	1842.02
2576.89	0.0204973	1842.04
2579.1	0.0212515	1842.06
2581.27	0.0292128	1842.08
2583.07	0.0283965	1842.1
2585.27	0.0219469	1842.12
2587.07	0.0217879	1842.14
2589.27	0.0213882	1842.16
2591.47	0.0189546	1842.18
2593.26	0.0176579	1842.2
2595.47	0.017884	1842.22
2597.67	0.0186208	1842.24
2599.47	0.0142073	1842.26
2601.67	0.0195329	1842.28

2603.51	0.017935	1842.3
2605.66	0.0190242	1842.32
2607.86	0.0189758	1842.34
2609.66	0.0205043	1842.36
2611.87	0.0201603	1842.38
2614.07	0.0168336	1842.4
2615.87	0.0243545	1842.42
2618.06	0.0189009	1842.44
2619.87	0.0157666	1842.46
2622.06	0.0209814	1842.48
2624.26	0.020868	1842.5
2626.06	0.0195469	1842.51
2628.3	0.0219789	1842.54
2630.47	0.0240337	1842.56
2632.27	0.0212719	1842.57
2634.46	0.0216759	1842.6
2636.26	0.0200248	1842.61
2638.46	0.0214507	1842.63
2640.66	0.0193181	1842.66
2642.46	0.0209721	1842.67
2644.71	0.0208787	1842.69
2646.87	0.0185848	1842.72
2648.67	0.017618	1842.73
2650.86	0.0213925	1842.75
2653.06	0.0215122	1842.78
2654.86	0.0234591	1842.79
2657.06	0.0214141	1842.81
2659.27	0.0222664	1842.84
2661.08	0.0252705	1842.85
2663.26	0.02107	1842.87
2665.06	0.0203165	1842.89
2667.26	0.020776	1842.91
2669.47	0.018371	1842.93
2671.27	0.0191257	1842.95
2673.46	0.0198232	1842.97
2675.67	0.0169408	1842.99
2677.47	0.0144532	1843.01
2679.66	0.019884	1843.03
2681.47	0.0173206	1843.05
2683.66	0.0164198	1843.07
2685.92	0.0168375	1843.09
2687.66	0.015339	1843.11
2689.94	0.0170286	1843.13
2692.07	0.0163123	1843.15
2694.03	0.0144931	1843.17
2696.06	0.0172009	1843.18
2697.95	0.0205466	1843.2
2700.06	0.0188702	1843.21
2702.26	0.0181173	1843.23

2704.06	0.0172579	1843.24
2706.29	0.0141334	1843.25
2708.47	0.0174833	1843.27
2710.29	0.0136976	1843.28
2712.46	0.0146473	1843.3
2714.26	0.0163664	1843.31
2716.46	0.0170408	1843.32
2718.66	0.0167503	1843.34
2720.46	0.0176825	1843.35
2722.66	0.0168893	1843.37
2724.86	0.0154567	1843.38
2726.67	0.0148274	1843.39
2728.86	0.0177085	1843.41
2730.66	0.0176832	1843.42
2732.86	0.0169963	1843.44
2735.1	0.0165095	1843.45
2736.86	0.0172769	1843.46
2739.06	0.0177192	1843.48
2741.26	0.015481	1843.49
2743.06	0.0209677	1843.51
2745.26	0.0140813	1843.52
2747.06	0.0170185	1843.53
2749.26	0.0185892	1843.55
2751.46	0.015583	1843.56
2753.26	0.0199624	1843.58
2755.46	0.0174253	1843.59
2757.66	0.0191557	1843.61
2759.49	0.0196278	1843.62
2761.66	0.0168028	1843.63
2763.46	0.0156297	1843.65
2765.66	0.0183877	1843.66
2767.86	0.0216012	1843.68
2769.66	0.0189313	1843.69
2771.86	0.0201909	1843.7
2774.1	0.0156905	1843.72
2775.96	0.020656	1843.73
2778.16	0.0184344	1843.75
2779.96	0.0161347	1843.76
2782.16	0.0187373	1843.78
2784.36	0.0182963	1843.79
2786.17	0.0208905	1843.8
2788.36	0.0182579	1843.82
2790.56	0.018421	1843.83
2792.36	0.0221034	1843.85
2794.55	0.0178535	1843.86
2796.35	0.0189273	1843.87
2798.55	0.0186121	1843.89
2800.78	0.0193867	1843.9
2802.55	0.0161808	1843.92

2804.76	0.0160975	1843.93
2806.96	0.0201402	1843.95
2808.8	0.0208509	1843.96
2810.95	0.024321	1843.97
2812.75	0.0220228	1843.99
2814.95	0.0229901	1844
2817.15	0.0257065	1844.02
2818.95	0.0204912	1844.03
2821.16	0.0226773	1844.04
2823.36	0.0198979	1844.06
2825.2	0.0222668	1844.07
2827.35	0.0223082	1844.09
2829.15	0.0220062	1844.1
2831.35	0.0219369	1844.11
2833.55	0.0225391	1844.13
2835.35	0.0305433	1844.14
2837.56	0.0195196	1844.16
2839.76	0.0283785	1844.17
2841.56	0.0217393	1844.18
2843.75	0.0229811	1844.2
2845.55	0.0235606	1844.21
2847.75	0.0214561	1844.23
2849.98	0.029934	1844.24
2851.75	0.0224526	1844.25
2853.95	0.0250493	1844.27
2856.16	0.0222535	1844.28
2857.96	0.0259064	1844.3
2860.15	0.0223945	1844.31
2861.95	0.019892	1844.32
2864.15	0.0223799	1844.34
2866.35	0.0190153	1844.35
2868.16	0.0221906	1844.37
2870.36	0.0217883	1844.38
2872.56	0.0213412	1844.4
2874.36	0.019289	1844.41
2876.55	0.0196633	1844.42
2878.35	0.0195633	1844.44
2880.55	0.0191706	1844.45
2882.75	0.0232372	1844.47
2884.59	0.0249488	1844.48
2886.75	0.0232463	1844.49
2888.96	0.0211836	1844.51
2890.76	0.0228731	1844.52
2892.95	0.0175929	1844.54
2894.75	0.0219601	1844.55
2896.95	0.0203265	1844.56
2899.15	0.0189108	1844.58
2900.97	0.0186524	1844.59
2903.15	0.0191104	1844.61

2905.36	0.018284	1844.62
2907.16	0.0165287	1844.63
2909.39	0.0184283	1844.65
2911.15	0.0187806	1844.66
2913.35	0.018133	1844.68
2915.55	0.015104	1844.69
2917.76	0.0263624	1844.71
2919.55	0.0157172	1844.72
2921.75	0.0153331	1844.73
2923.55	0.018755	1844.75
2925.76	0.014824	1844.76
2927.95	0.0226668	1844.78
2929.75	0.0184782	1844.79
2931.95	0.0198125	1844.8
2934.15	0.0187452	1844.82
2935.95	0.020342	1844.83
2938.15	0.0152738	1844.85
2939.95	0.0160227	1844.86
2942.15	0.0177706	1844.87
2944.35	0.0213669	1844.89
2946.15	0.0164589	1844.9
2948.35	0.01897	1844.92
2950.58	0.0164877	1844.93
2952.35	0.0184347	1844.94
2954.55	0.0157735	1844.96
2956.35	0.016471	1844.97
2958.55	0.0182191	1844.99
2960.75	0.0182864	1845
2962.55	0.0165772	1845.01
2964.75	0.0207256	1845.03
2966.96	0.0208327	1845.04
2968.75	0.0221484	1845.06
2970.95	0.0174669	1845.07
2972.75	0.0193949	1845.08
2974.99	0.0197218	1845.1
2977.15	0.0150326	1845.11
2978.95	0.0178973	1845.13
2981.15	0.0203912	1845.14
2983.35	0.0174694	1845.16
2985.15	0.0174553	1845.17
2987.34	0.0168644	1845.18
2989.14	0.0205852	1845.2
2991.36	0.0173126	1845.21
2993.54	0.015185	1845.23
2995.34	0.0179747	1845.24
2997.56	0.014579	1845.25
2999.75	0.0157214	1845.27
3001.55	0.0172342	1845.28
3003.74	0.0185187	1845.3

3005.54	0.0161587	1845.31
3007.75	0.0177112	1845.32
3009.94	0.0173534	1845.34
3011.74	0.0188765	1845.35
3013.95	0.0201389	1845.37
3016.15	0.0177438	1845.38
3017.95	0.0156826	1845.39
3020.14	0.0176705	1845.41
3021.94	0.0173972	1845.42
3024.14	0.0175267	1845.44
3026.35	0.0180277	1845.45
3028.14	0.0154962	1845.46
3030.48	0.0204871	1845.48
3032.56	0.0168547	1845.49
3034.35	0.0130228	1845.51
3036.55	0.0147845	1845.52
3038.34	0.0182325	1845.53
3040.57	0.0166242	1845.55
3042.74	0.0155423	1845.56
3044.95	0.0178604	1845.58
3046.75	0.0175794	1845.59
3048.94	0.0200654	1845.61
3050.74	0.0184486	1845.62
3052.94	0.0170186	1845.63
3055.14	0.019436	1845.65
3056.95	0.0199407	1845.66
3059.14	0.0206878	1845.68
3061.35	0.0156259	1845.69
3063.15	0.0167827	1845.7
3065.37	0.0159548	1845.72
3067.15	0.0195545	1845.73
3069.34	0.0158305	1845.75
3071.54	0.0211031	1845.76
3073.34	0.017057	1845.77
3075.54	0.0163431	1845.79
3077.75	0.0199203	1845.81
3079.55	0.0221446	1845.82
3081.76	0.0184489	1845.83
3083.54	0.0195596	1845.84
3085.74	0.0217084	1845.86
3087.94	0.0180106	1845.88
3089.78	0.0178304	1845.89
3091.94	0.019884	1845.9
3094.14	0.0226422	1845.92
3095.95	0.0213331	1845.93
3098.14	0.0198678	1845.95
3099.94	0.0219929	1845.96
3102.14	0.0198251	1845.97
3104.34	0.0203418	1845.99

3106.14	0.0243754	1846
3108.34	0.0234466	1846.02
3110.63	0.0192002	1846.03
3112.34	0.0202642	1846.04
3114.65	0.0208137	1846.06
3116.39	0.0271561	1846.07
3118.62	0.0209799	1846.09
3120.74	0.0200602	1846.1
3122.67	0.0194754	1846.11
3124.74	0.0212316	1846.13
3126.94	0.0204149	1846.14
3128.74	0.0256894	1846.16
3130.95	0.0224103	1846.17
3132.74	0.0185479	1846.18
3134.94	0.0196593	1846.2
3137.14	0.0206853	1846.21
3138.94	0.0207924	1846.23
3141.14	0.020885	1846.24
3143.34	0.0195978	1846.26
3145.14	0.0189725	1846.27
3147.34	0.0210988	1846.28
3149.18	0.019328	1846.3
3151.34	0.0181685	1846.31
3153.54	0.023429	1846.33
3155.34	0.0185573	1846.34
3157.54	0.0240081	1846.35
3159.74	0.0212883	1846.37
3161.54	0.0218367	1846.38
3163.74	0.0260313	1846.4
3165.55	0.0207295	1846.41
3167.74	0.0205609	1846.42
3169.93	0.0227658	1846.44
3171.73	0.0194108	1846.45
3173.94	0.0238409	1846.47
3176.14	0.0206479	1846.48
3177.95	0.0222619	1846.49
3180.13	0.0231032	1846.51
3182.34	0.0225039	1846.52
3184.13	0.0211202	1846.54
3186.33	0.0218405	1846.55
3188.54	0.0211136	1846.57
3190.34	0.0210888	1846.58
3192.53	0.0209415	1846.59
3194.33	0.0221851	1846.61
3196.53	0.0210409	1846.62
3198.78	0.0239064	1846.64
3200.54	0.0276851	1846.65
3202.75	0.0269206	1846.66
3204.94	0.0257525	1846.68

3206.81	0.0209631	1846.69
3208.94	0.0240839	1846.71
3210.81	0.0234987	1846.72
3212.93	0.0208021	1846.73
3215.13	0.0242283	1846.75
3216.93	0.0213643	1846.76
3219.14	0.0210534	1846.78
3221.34	0.025351	1846.79
3223.14	0.022982	1846.8
3225.33	0.0197906	1846.82
3227.13	0.0233315	1846.83
3229.33	0.0226287	1846.85
3231.57	0.0219359	1846.86
3233.33	0.0249749	1846.87
3235.53	0.0187698	1846.89
3237.74	0.0252002	1846.9
3239.58	0.0209931	1846.92
3241.73	0.020415	1846.93
3243.53	0.0206656	1846.94
3245.73	0.020049	1846.96
3247.95	0.0200821	1846.97
3249.73	0.0218445	1846.99
3251.93	0.0242237	1847
3254.14	0.0268805	1847.02
3255.96	0.0231406	1847.03
3258.13	0.0225527	1847.04
3259.93	0.0219608	1847.06
3262.13	0.0229246	1847.07
3264.33	0.0207525	1847.09
3266.13	0.0210473	1847.1
3268.33	0.0193697	1847.11
3270.54	0.0217953	1847.13
3272.36	0.0200929	1847.14
3274.53	0.0233404	1847.16
3276.33	0.0206523	1847.17
3278.53	0.0193619	1847.18
3280.77	0.0179322	1847.2
3282.53	0.0233877	1847.21
3284.73	0.0215155	1847.23
3286.94	0.023153	1847.24
3288.74	0.0243542	1847.25
3290.93	0.0197959	1847.27
3292.73	0.0228607	1847.28
3294.95	0.0231743	1847.3
3297.13	0.0216166	1847.31
3298.98	0.0222094	1847.32
3301.13	0.0229976	1847.34
3303.33	0.0229358	1847.35
3305.13	0.0196719	1847.37

3307.33	0.0215229	1847.38
3309.53	0.021495	1847.4
3311.33	0.0234876	1847.41
3313.53	0.0205552	1847.42
3315.73	0.0186757	1847.44
3317.53	0.0191406	1847.45
3319.73	0.0194311	1847.47
3321.56	0.0205872	1847.48
3323.73	0.0237345	1847.49
3325.93	0.0214597	1847.51
3327.73	0.0250203	1847.52
3329.97	0.0198557	1847.54
3332.13	0.0175154	1847.55
3333.93	0.0170576	1847.56
3336.13	0.0170441	1847.58
3337.93	0.0192941	1847.59
3340.13	0.016696	1847.61
3342.33	0.0191794	1847.62
3344.13	0.0224839	1847.63
3346.43	0.0162348	1847.65
3348.53	0.0152302	1847.66
3350.33	0.0167261	1847.68
3352.53	0.0196025	1847.69
3354.33	0.0156332	1847.7
3356.53	0.0150234	1847.72
3358.73	0.0152163	1847.73
3360.53	0.0171568	1847.75
3362.73	0.0195232	1847.76
3364.93	0.0152569	1847.78
3366.73	0.0162079	1847.79
3368.92	0.0187357	1847.8
3370.77	0.0203572	1847.82
3372.92	0.0176382	1847.83
3375.13	0.0197122	1847.85
3376.92	0.0155469	1847.86
3379.13	0.0170825	1847.87
3381.33	0.0188624	1847.89
3383.13	0.0187806	1847.9
3385.32	0.016482	1847.92
3387.13	0.0200437	1847.93
3389.32	0.0194084	1847.94
3391.52	0.0273142	1847.96
3393.32	0.0189334	1847.97
3395.57	0.0192409	1847.99
3397.73	0.0205925	1848
3399.53	0.0192798	1848.01
3401.73	0.0222377	1848.03
3403.53	0.0193567	1848.04
3405.72	0.0201942	1848.06

3407.92	0.0194283	1848.07
3409.72	0.0188023	1848.08
3411.96	0.0245929	1848.1
3414.13	0.0238275	1848.11
3415.93	0.0223565	1848.13
3418.12	0.0196475	1848.14
3419.92	0.0225346	1848.15
3422.12	0.0231466	1848.17
3424.32	0.0234097	1848.18
3426.12	0.0214852	1848.2
3428.33	0.0226792	1848.21
3430.53	0.021322	1848.23
3432.33	0.023241	1848.24
3434.52	0.0201862	1848.25
3436.35	0.0215546	1848.27
3438.52	0.0247888	1848.28
3440.72	0.0223429	1848.3
3442.93	0.0284845	1848.31
3444.73	0.0242378	1848.33
3446.92	0.0257943	1848.34
3448.72	0.0228384	1848.35
3450.92	0.0223669	1848.37
3453.14	0.0248123	1848.38
3454.93	0.0239669	1848.4
3457.12	0.0255267	1848.41
3459.33	0.0238198	1848.43
3461.17	0.021669	1848.44
3463.32	0.022422	1848.45
3465.13	0.0214111	1848.47
3467.32	0.0228546	1848.48
3469.52	0.0215507	1848.5
3471.32	0.0226944	1848.51
3473.52	0.0236575	1848.52
3475.73	0.022872	1848.54
3477.54	0.0251595	1848.55
3479.72	0.019537	1848.57
3481.52	0.0234663	1848.58
3483.72	0.0230641	1848.59
3485.96	0.0210459	1848.61
3487.72	0.022169	1848.62
3489.92	0.0220966	1848.64
3492.12	0.0220728	1848.65
3493.93	0.0201446	1848.66
3496.12	0.0241177	1848.68
3497.92	0.0207763	1848.69
3500.12	0.0241156	1848.71
3502.36	0.0233226	1848.72
3504.12	0.0207417	1848.73
3506.32	0.0205	1848.75

3508.52	0.0250279	1848.76
3510.32	0.0208241	1848.78
3512.52	0.0231338	1848.79
3514.32	0.0268491	1848.8
3516.52	0.0202285	1848.82
3518.72	0.0192098	1848.83
3520.52	0.0205869	1848.85
3522.72	0.0206847	1848.86
3524.92	0.0218906	1848.88
3526.77	0.0236813	1848.89
3528.92	0.0195285	1848.9
3530.72	0.0210674	1848.92
3532.92	0.0232257	1848.93
3535.12	0.0177766	1848.95
3536.92	0.0239317	1848.96
3539.12	0.0254615	1848.97
3541.32	0.0197352	1848.99
3543.14	0.019573	1849
3545.31	0.0210978	1849.02
3547.12	0.021453	1849.03
3549.31	0.0211583	1849.04
3551.56	0.0249909	1849.06
3553.31	0.0220733	1849.07
3555.52	0.0204688	1849.09
3557.72	0.0186839	1849.1
3559.52	0.0238645	1849.11
3561.72	0.0225598	1849.13
3563.51	0.0199252	1849.14
3565.72	0.0234627	1849.16
3567.93	0.0244021	1849.17
3570.12	0.027037	1849.19
3571.92	0.026418	1849.2
3574.11	0.023784	1849.21
3575.95	0.0231147	1849.23
3578.11	0.0239571	1849.24
3580.32	0.0247109	1849.26
3582.12	0.0258994	1849.27
3584.32	0.0258691	1849.28
3586.52	0.0301438	1849.3
3588.32	0.025913	1849.31
3590.52	0.027405	1849.33
3592.32	0.0258749	1849.34
3594.51	0.023757	1849.35
3596.71	0.0247008	1849.37
3598.51	0.021172	1849.38
3600.72	0.021023	1849.4
3602.92	0.0272339	1849.41
3604.72	0.0255192	1849.42
3606.91	0.0302199	1849.44

3608.72	0.0291536	1849.45
3610.91	0.0298187	1849.47
3613.11	0.0301172	1849.48
3614.91	0.0274493	1849.49
3617.15	0.0270034	1849.51
3619.32	0.022647	1849.52
3621.12	0.0249772	1849.54
3623.45	0.0261467	1849.55
3625.11	0.026917	1849.56
3627.43	0.025243	1849.58
3629.51	0.0245493	1849.59
3631.31	0.02993	1849.61
3633.53	0.0243007	1849.62
3635.72	0.0271689	1849.64
3637.52	0.0240381	1849.65
3639.71	0.0276685	1849.66
3641.55	0.0276192	1849.68
3643.71	0.0257291	1849.69
3645.91	0.0272838	1849.71
3647.71	0.0304213	1849.72
3649.91	0.0281929	1849.73
3652.12	0.0313013	1849.75
3653.92	0.0273231	1849.76
3656.11	0.0261637	1849.78
3657.93	0.024071	1849.79
3660.11	0.0249607	1849.8
3662.31	0.0260711	1849.82
3664.11	0.0257644	1849.83
3666.35	0.0283611	1849.85
3668.51	0.0275743	1849.86
3670.31	0.0220577	1849.87
3672.51	0.029559	1849.89
3674.31	0.0263028	1849.9
3676.51	0.0254212	1849.92
3678.71	0.0264876	1849.93
3680.51	0.0234979	1849.94
3682.74	0.0264831	1849.96
3684.91	0.0258085	1849.97
3686.71	0.0255841	1849.99
3688.91	0.0291129	1850
3690.71	0.0263467	1850.01
3692.91	0.0267641	1850.03
3695.11	0.0319351	1850.04
3696.91	0.0274286	1850.06
3699.11	0.0290285	1850.07
3701.31	0.0267798	1850.09
3703.12	0.02427	1850.1
3705.31	0.0225442	1850.11
3707.63	0.0253939	1850.13

3709.47	0.0313797	1850.14
3711.59	0.0307131	1850.16
3713.71	0.0266787	1850.17
3715.6	0.0319586	1850.18
3717.74	0.0294193	1850.2
3719.59	0.0261849	1850.21
3721.71	0.0273442	1850.23
3723.91	0.0293948	1850.24
3725.76	0.0297737	1850.25
3727.91	0.0300858	1850.27
3730.11	0.0322104	1850.28
3731.91	0.031538	1850.3
3734.13	0.032174	1850.31
3735.91	0.0284937	1850.32
3738.1	0.0280362	1850.34
3740.31	0.0271498	1850.35
3742.11	0.0295929	1850.37
3744.31	0.0335338	1850.38
3746.51	0.0314871	1850.41
3748.31	0.0298216	1850.43
3750.51	0.0340435	1850.46
3752.3	0.040564	1850.49
3754.5	0.0298386	1850.51
3756.7	0.0300275	1850.54
3758.52	0.0281115	1850.56
3760.71	0.0288456	1850.59
3762.91	0.0279904	1850.62
3764.71	0.0318079	1850.64
3766.95	0.0303262	1850.67
3768.7	0.0321602	1850.69
3770.9	0.030015	1850.72
3773.1	0.0258239	1850.75
3774.91	0.0251622	1850.77
3777.11	0.0276696	1850.8
3779.31	0.02703	1850.83
3781.11	0.0232969	1850.85
3783.33	0.0262358	1850.88
3785.1	0.0206742	1850.9
3787.3	0.0251249	1850.93
3789.5	0.0246632	1850.96
3791.3	0.0271461	1850.98
3793.5	0.0253429	1851.01
3795.72	0.0225703	1851.03
3797.51	0.0242652	1851.06
3799.79	0.0264161	1851.09
3801.5	0.0233784	1851.11
3803.75	0.0215875	1851.14
3805.9	0.0235336	1851.16
3807.81	0.0218067	1851.19

3809.9	0.0185514	1851.21
3812.11	0.0222468	1851.24
3813.91	0.0227829	1851.26
3816.14	0.0296243	1851.29
3817.9	0.0181781	1851.32
3820.1	0.0375053	1851.34
3822.3	0.0225655	1851.37
3824.12	0.0245538	1851.39
3826.3	0.0260662	1851.42
3828.51	0.0197986	1851.45
3830.31	0.0241856	1851.47
3832.5	0.023369	1851.5
3834.7	0.018054	1851.53
3836.5	0.0237797	1851.55
3838.7	0.0172516	1851.58
3840.91	0.0256419	1851.61
3842.71	0.0236809	1851.63
3844.9	0.024315	1851.66
3846.7	0.0236845	1851.68
3848.91	0.0213357	1851.71
3851.1	0.0210175	1851.74
3852.91	0.022483	1851.76
3855.1	0.0252511	1851.79
3857.35	0.0233098	1851.81
3859.1	0.0184447	1851.84
3861.3	0.0248113	1851.86
3863.1	0.0236561	1851.89
3865.31	0.0255912	1851.92
3867.5	0.0236921	1851.94
3869.3	0.022226	1851.97
3871.5	0.0230996	1851.99
3873.74	0.0254964	1852.02
3875.5	0.0213859	1852.04
3877.7	0.0239515	1852.07
3879.5	0.0215918	1852.1
3881.7	0.024678	1852.12
3883.9	0.0248796	1852.15
3885.7	0.0235696	1852.17
3887.91	0.0242785	1852.2
3890.11	0.023566	1852.23
3891.91	0.0275343	1852.25
3894.1	0.0272439	1852.28
3895.9	0.0251959	1852.3
3898.13	0.0269608	1852.33
3900.3	0.0226191	1852.36
3902.1	0.0240191	1852.38
3904.3	0.0286187	1852.41
3906.55	0.026413	1852.44
3908.3	0.0226677	1852.46

3910.5	0.0262116	1852.49
3912.3	0.0211543	1852.51
3914.5	0.0263228	1852.54
3916.7	0.0232854	1852.57
3918.5	0.0206138	1852.59
3920.7	0.0250376	1852.62
3922.93	0.0234715	1852.64
3924.7	0.0220908	1852.67
3926.89	0.0235123	1852.69
3928.69	0.0199287	1852.72
3930.9	0.0274694	1852.75
3933.09	0.0236322	1852.77
3934.89	0.0246082	1852.8
3937.1	0.0223596	1852.82
3939.32	0.024766	1852.85
3941.1	0.0225928	1852.87
3943.29	0.0251348	1852.9
3945.09	0.0223383	1852.93
3947.42	0.0216503	1852.95
3949.49	0.0206557	1852.98
3951.29	0.0221905	1853
3953.5	0.0230128	1853.03
3955.71	0.0209073	1853.06
3957.5	0.0267519	1853.08
3959.69	0.0160216	1853.11
3961.49	0.0214894	1853.13
3963.73	0.0229198	1853.16
3965.89	0.0206769	1853.19
3968.1	0.0252152	1853.22
3969.9	0.0221302	1853.24
3972.09	0.0214397	1853.27
3973.99	0.023078	1853.29
3976.09	0.0221866	1853.32
3978.3	0.022723	1853.35
3980.11	0.01984	1853.37
3982.29	0.0203299	1853.4
3984.5	0.0178274	1853.42
3986.3	0.018261	1853.45
3988.53	0.0205863	1853.47
3990.31	0.0225781	1853.5
3992.49	0.0216578	1853.53
3994.69	0.0202462	1853.55
3996.49	0.0220017	1853.58
3998.69	0.0217486	1853.6
4000.9	0.0214081	1853.63
4002.7	0.0192386	1853.65
4004.92	0.0214686	1853.68
4006.69	0.0216353	1853.7
4008.89	0.0168811	1853.73

4011.09	0.0201969	1853.76
4012.93	0.0217411	1853.78
4015.09	0.0190459	1853.81
4017.3	0.0230011	1853.84
4019.1	0.0173023	1853.86
4021.29	0.0166444	1853.89
4023.09	0.0147896	1853.91
4025.29	0.0170761	1853.94
4027.49	0.0183111	1853.97
4029.31	0.0182075	1853.99
4031.49	0.0221252	1854.02
4033.7	0.0200411	1854.05
4035.49	0.0214229	1854.07
4037.73	0.0203698	1854.1
4039.49	0.0167965	1854.12
4041.69	0.0202243	1854.15
4043.89	0.0192862	1854.18
4045.69	0.0224473	1854.2
4047.89	0.0211602	1854.23
4050.09	0.0208726	1854.25
4051.89	0.0202512	1854.28
4054.11	0.0184424	1854.31
4055.89	0.0210897	1854.33
4058.09	0.0177378	1854.36
4060.29	0.0225885	1854.38
4062.09	0.017395	1854.41
4064.29	0.0174224	1854.43
4066.49	0.0195865	1854.46
4068.29	0.0219851	1854.48
4070.49	0.0214963	1854.51
4072.29	0.0184519	1854.54
4074.49	0.0233427	1854.56
4076.69	0.018862	1854.59
4078.49	0.0242864	1854.61
4080.69	0.0203203	1854.64
4082.89	0.0239522	1854.67
4084.69	0.0237319	1854.69
4086.89	0.0239034	1854.72
4088.69	0.0211429	1854.74
4090.89	0.0246168	1854.77
4093.09	0.0210623	1854.8
4095.32	0.0263071	1854.83
4097.1	0.0210373	1854.85
4099.29	0.0253758	1854.88
4101.09	0.0196042	1854.9
4103.33	0.0250536	1854.93
4105.49	0.0211405	1854.96
4107.29	0.0221697	1854.98
4109.49	0.019263	1855.01

4111.69	0.0249465	1855.03
4113.49	0.0209998	1855.06
4115.69	0.0228339	1855.08
4117.49	0.0256056	1855.11
4119.7	0.0245477	1855.14
4121.88	0.0249851	1855.16
4123.68	0.0244681	1855.19
4125.89	0.0212539	1855.21
4128.14	0.0240066	1855.24
4129.89	0.0217204	1855.26
4132.09	0.0214691	1855.29
4133.88	0.0235621	1855.31
4136.08	0.0223762	1855.34
4138.28	0.0250213	1855.37
4140.08	0.0221545	1855.39
4142.29	0.0220234	1855.42
4144.53	0.0207688	1855.45
4146.29	0.0232047	1855.47
4148.48	0.0202799	1855.5
4150.28	0.0212751	1855.52
4152.48	0.0192179	1855.55
4154.68	0.0221794	1855.58
4156.48	0.0228751	1855.6
4158.69	0.0255966	1855.63
4160.89	0.0201213	1855.66
4162.69	0.0189291	1855.68
4164.88	0.0206107	1855.71
4166.68	0.0251074	1855.73
4168.9	0.0196236	1855.76
4171.08	0.0195249	1855.79
4172.88	0.0177419	1855.81
4175.08	0.0201636	1855.84
4177.29	0.0205961	1855.86
4179.09	0.0187551	1855.89
4181.28	0.0185001	1855.91
4183.09	0.0224541	1855.94
4185.31	0.018368	1855.97
4187.48	0.014243	1855.99
4189.28	0.0164794	1856.02
4191.48	0.0201339	1856.04
4193.73	0.0137394	1856.07
4195.49	0.0145271	1856.09
4197.68	0.0164361	1856.12
4199.48	0.0165421	1856.14
4201.68	0.0153182	1856.17
4203.88	0.012808	1856.2
4205.68	0.0152316	1856.22
4207.88	0.017645	1856.25
4210.11	0.0152089	1856.28

4211.89	0.0159021	1856.3
4214.08	0.0145468	1856.33
4215.88	0.0147257	1856.35
4218.12	0.015586	1856.38
4220.42	0.0162425	1856.41
4222.08	0.0160636	1856.43
4224.28	0.0160997	1856.46
4226.49	0.0153943	1856.49
4228.43	0.0167827	1856.51
4230.48	0.0193869	1856.54
4232.68	0.0170817	1856.57
4234.52	0.0213583	1856.59
4236.71	0.0161983	1856.62
4238.89	0.0154987	1856.64
4240.68	0.0139233	1856.67
4242.88	0.0169934	1856.69
4244.71	0.0179184	1856.72
4246.88	0.0154783	1856.74
4249.08	0.0177493	1856.77
4250.89	0.0171341	1856.8
4253.08	0.0196164	1856.82
4255.28	0.019618	1856.85
4257.08	0.0195325	1856.87
4259.31	0.0200177	1856.9
4261.08	0.0183401	1856.92
4263.28	0.0177193	1856.95
4265.48	0.017825	1856.98
4267.28	0.016127	1857
4269.48	0.0193551	1857.03
4271.68	0.0197345	1857.06
4273.48	0.019404	1857.08
4275.71	0.0212891	1857.11
4277.48	0.0175855	1857.13
4279.68	0.0203927	1857.16
4281.88	0.0220739	1857.19
4283.72	0.0194596	1857.21
4285.88	0.0244192	1857.24
4288.08	0.0189945	1857.27
4289.88	0.0194465	1857.29
4292.08	0.0234793	1857.32
4293.88	0.0194465	1857.34
4296.07	0.020059	1857.37
4298.28	0.0237876	1857.4
4300.09	0.0207969	1857.42
4302.28	0.0209994	1857.45
4304.54	0.0209495	1857.47
4306.28	0.0226331	1857.5
4308.63	0.0235411	1857.53
4310.5	0.0268646	1857.55

4312.54	0.0233116	1857.58
4314.67	0.02593	1857.6
4316.57	0.0261171	1857.63
4318.68	0.0267272	1857.65
4320.88	0.0233801	1857.68
4322.68	0.0243542	1857.7
4324.88	0.0222398	1857.73
4326.67	0.0254531	1857.75
4328.87	0.0223565	1857.78
4331.07	0.0250724	1857.81
4332.88	0.0193424	1857.83
4335.08	0.024759	1857.86
4337.28	0.0223131	1857.89
4339.08	0.0229249	1857.91
4341.28	0.0231517	1857.94
4343.07	0.0268243	1857.96
4345.27	0.0209767	1857.99
4347.47	0.023439	1858.02
4349.3	0.0254624	1858.04
4351.48	0.0257065	1858.07
4353.68	0.0212013	1858.1
4355.48	0.0253506	1858.12
4357.67	0.0262342	1858.15
4359.87	0.0256558	1858.17
4361.67	0.0244065	1858.2
4363.87	0.0243398	1858.23
4366.08	0.0266747	1858.25
4367.88	0.0201537	1858.28
4370.07	0.0263354	1858.3
4371.87	0.0249344	1858.33
4374.11	0.0269497	1858.36
4376.27	0.0273107	1858.38
4378.08	0.0277872	1858.41
4380.27	0.0262018	1858.43
4382.48	0.0271829	1858.46
4384.28	0.024249	1858.48
4386.47	0.0290942	1858.51
4388.29	0.0255704	1858.53
4390.5	0.0233848	1858.56
4392.69	0.0261815	1858.59
4394.47	0.0267252	1858.61
4396.7	0.0216282	1858.64
4398.92	0.0208902	1858.67
4400.69	0.0223884	1858.69
4402.87	0.0218733	1858.72
4404.7	0.02195	1858.74
4406.87	0.019821	1858.77
4409.07	0.0220758	1858.8
4410.87	0.0247828	1858.82

4413.07	0.0203664	1858.85
4415.3	0.0214993	1858.88
4417.08	0.0208108	1858.9
4419.27	0.0220695	1858.93
4421.07	0.0224534	1858.95
4423.27	0.0202805	1858.98
4425.47	0.0192608	1859.01
4427.27	0.0222615	1859.03
4429.47	0.021358	1859.06
4431.68	0.0213675	1859.08
4433.47	0.0267292	1859.11
4435.67	0.0220339	1859.13
4437.47	0.0250623	1859.16
4439.7	0.0232896	1859.19
4441.87	0.0226442	1859.21
4443.67	0.0205577	1859.24
4445.87	0.0233931	1859.26
4448.07	0.0199321	1859.29
4449.88	0.0241156	1859.31
4452.07	0.0217817	1859.34
4453.87	0.0242146	1859.36
4456.07	0.0206847	1859.39
4458.27	0.0235069	1859.42
4460.07	0.0239488	1859.44
4462.27	0.0198364	1859.47
4464.47	0.0234218	1859.5
4466.27	0.0235434	1859.52
4468.47	0.0236189	1859.55
4470.27	0.0263753	1859.57
4472.47	0.0298549	1859.6
4474.67	0.0275249	1859.63
4476.47	0.0315611	1859.65
4478.67	0.0250436	1859.68
4480.9	0.0269414	1859.71
4482.67	0.0263733	1859.73
4484.87	0.0257714	1859.76
4486.67	0.023852	1859.78
4488.88	0.0244259	1859.81
4491.07	0.0273434	1859.84
4493.27	0.0256888	1859.86
4495.07	0.0221626	1859.88
4497.27	0.0268622	1859.89
4499.06	0.0273187	1859.91
4501.26	0.0331821	1859.92
4503.47	0.0289843	1859.94
4505.31	0.0313251	1859.96
4507.46	0.0290295	1859.97
4509.67	0.0304823	1859.99
4511.47	0.0266465	1860

4513.67	0.0321955	1860.02
4515.47	0.0279661	1860.03
4517.66	0.0309946	1860.05
4519.86	0.0257024	1860.07
4521.67	0.0238386	1860.08
4523.87	0.0282659	1860.1
4526.07	0.0255688	1860.12
4527.87	0.0275947	1860.13
4530.09	0.0277408	1860.15
4531.86	0.0236862	1860.16
4534.06	0.0260095	1860.18
4536.26	0.0271925	1860.2
4538.06	0.0260446	1860.21
4540.27	0.030372	1860.23
4542.47	0.02813	1860.24
4544.27	0.0272619	1860.26
4546.46	0.0294793	1860.27
4548.32	0.0316288	1860.29
4550.46	0.0295434	1860.31
4552.66	0.0290606	1860.32
4554.51	0.0274409	1860.34
4556.66	0.0289399	1860.35
4558.87	0.0284492	1860.37
4560.67	0.0283844	1860.38
4562.86	0.0248673	1860.4
4564.66	0.0296889	1860.42
4566.86	0.0285028	1860.43
4569.06	0.023873	1860.45
4570.86	0.038224	1860.46
4573.06	0.0247616	1860.48
4575.27	0.0253673	1860.5
4577.07	0.026773	1860.51
4579.29	0.0255241	1860.53
4581.06	0.0260232	1860.54
4583.26	0.0273837	1860.56
4585.46	0.0272107	1860.58
4587.26	0.0227645	1860.59
4589.46	0.0245975	1860.61
4591.67	0.0262413	1860.62
4593.47	0.0274185	1860.64
4595.7	0.0249574	1860.66
4597.46	0.0259932	1860.67
4599.66	0.0243766	1860.69
4601.86	0.0210261	1860.7
4603.66	0.017602	1860.72
4605.86	0.0239652	1860.73
4608.06	0.0240989	1860.75
4609.87	0.0218811	1860.77
4612.09	0.023991	1860.78

4613.86	0.0245595	1860.8
4616.06	0.0218481	1860.81
4618.26	0.0182122	1860.83
4620.47	0.02116	1860.85
4622.27	0.0202724	1860.86
4624.46	0.0180937	1860.88
4626.26	0.0187483	1860.89
4628.46	0.0206205	1860.91
4630.66	0.0212126	1860.93
4632.46	0.0182353	1860.94
4634.66	0.0156983	1860.96
4636.87	0.0159742	1860.97
4638.66	0.0143809	1860.99
4640.86	0.0164395	1861.01
4642.66	0.015779	1861.02
4644.9	0.0187143	1861.04
4647.06	0.0157525	1861.05
4648.86	0.0170412	1861.07
4651.06	0.0169562	1861.08
4653.26	0.0152966	1861.1
4655.07	0.0178598	1861.12
4657.26	0.0209199	1861.13
4659.06	0.0154925	1861.15
4661.28	0.0193014	1861.16
4663.46	0.0187674	1861.18
4665.26	0.0195126	1861.19
4667.46	0.015853	1861.21
4669.7	0.016498	1861.23
4671.46	0.0183433	1861.24
4673.66	0.0200177	1861.26
4675.45	0.0153712	1861.27
4677.66	0.0169994	1861.29
4679.86	0.016298	1861.31
4681.66	0.0150561	1861.32
4683.86	0.0192585	1861.34
4686.07	0.015991	1861.36
4687.86	0.0192653	1861.37
4690.05	0.0190437	1861.39
4691.85	0.0148634	1861.4
4694.06	0.0163997	1861.42
4696.25	0.016606	1861.43
4698.05	0.0172087	1861.45
4700.28	0.0212508	1861.47
4702.47	0.0186493	1861.48
4704.26	0.018366	1861.5
4706.45	0.0214971	1861.51
4708.25	0.0190342	1861.53
4710.48	0.0191998	1861.54
4712.65	0.0199047	1861.56

4714.45	0.0219619	1861.58
4716.66	0.0167418	1861.59
4718.86	0.0172237	1861.61
4720.66	0.0287188	1861.62
4722.85	0.0193003	1861.64
4724.65	0.0271188	1861.65
4726.86	0.0207085	1861.67
4729.05	0.0189656	1861.69
4730.85	0.0248823	1861.7
4733.05	0.0232908	1861.72
4735.26	0.0184059	1861.74
4737.06	0.0181344	1861.75
4739.25	0.0182823	1861.77
4741.05	0.0248636	1861.78
4743.26	0.0208008	1861.8
4745.45	0.0196257	1861.82
4747.25	0.0246643	1861.83
4749.45	0.0292538	1861.85
4751.68	0.0277075	1861.86
4753.46	0.0202209	1861.88
4755.65	0.0229443	1861.89
4757.85	0.025862	1861.91
4759.69	0.0216125	1861.93
4761.85	0.0247221	1861.94
4764.06	0.0287645	1861.96
4765.86	0.028945	1861.97
4768.05	0.0224812	1861.99
4769.85	0.0273891	1862
4772.05	0.0263971	1862.02
4774.25	0.0242638	1862.04
4776.06	0.0262805	1862.05
4778.25	0.0252563	1862.07
4780.46	0.027634	1862.09
4782.26	0.0271329	1862.1
4784.45	0.0259157	1862.12
4786.26	0.0258585	1862.13
4788.45	0.0282831	1862.15
4790.65	0.0258459	1862.17
4792.46	0.0242883	1862.18
4794.65	0.0242771	1862.2
4796.85	0.0224013	1862.21
4798.66	0.0236282	1862.23
4800.88	0.0247918	1862.25
4802.65	0.024608	1862.26
4804.85	0.0265238	1862.28
4807.05	0.0258844	1862.29
4808.85	0.0230744	1862.31
4811.05	0.02347	1862.32
4813.36	0.0268609	1862.34

4815.05	0.0269251	1862.36
4817.35	0.0231929	1862.37
4819.05	0.0219124	1862.39
4821.25	0.0240514	1862.4
4823.45	0.0228672	1862.42
4825.37	0.0236932	1862.44
4827.45	0.0239704	1862.45
4829.66	0.021749	1862.47
4831.45	0.0250478	1862.48
4833.65	0.0208213	1862.5
4835.45	0.0238383	1862.51
4837.65	0.0180174	1862.53
4839.85	0.0159205	1862.55
4841.67	0.0178186	1862.56
4843.85	0.0175446	1862.58
4846.05	0.0187407	1862.6
4847.85	0.0171244	1862.61
4850.05	0.0181334	1862.63
4851.85	0.0186718	1862.64
4854.05	0.014948	1862.66
4856.25	0.0161359	1862.67
4858.05	0.0173836	1862.69
4860.25	0.0147531	1862.71
4862.45	0.0143376	1862.72
4864.25	0.0184681	1862.74
4866.45	0.0148874	1862.75
4868.24	0.0157899	1862.77
4870.44	0.0170401	1862.78
4872.64	0.0138613	1862.8
4874.45	0.0159627	1862.82
4876.65	0.0154676	1862.83
4878.86	0.0149065	1862.85
4880.65	0.0165609	1862.86
4882.85	0.0131995	1862.88
4885.04	0.0137547	1862.9
4886.84	0.0154155	1862.91
4889.04	0.0122133	1862.93
4891.29	0.0129515	1862.95
4893.05	0.0149879	1862.96
4895.24	0.01287	1862.98
4897.04	0.0132594	1862.99
4899.25	0.0143198	1863.01
4901.49	0.013549	1863.03
4903.25	0.0158792	1863.04
4905.51	0.0135227	1863.06
4907.65	0.0138965	1863.08
4909.5	0.0140379	1863.09
4911.65	0.0159228	1863.11
4913.49	0.0141149	1863.12

4915.66	0.0131551	1863.14
4917.85	0.0135763	1863.16
4919.64	0.0144052	1863.17
4921.85	0.0153508	1863.19
4924.05	0.0122489	1863.21
4925.85	0.0127742	1863.22
4928.04	0.0155515	1863.24
4929.85	0.0165785	1863.26
4932.06	0.0142411	1863.27
4934.24	0.0206187	1863.29
4936.04	0.0179089	1863.31
4938.24	0.0175812	1863.32
4940.49	0.0172057	1863.34
4942.25	0.0156359	1863.36
4944.44	0.0168351	1863.37
4946.24	0.0176796	1863.39
4948.44	0.0212368	1863.41
4950.66	0.0207363	1863.43
4952.44	0.0213852	1863.44
4954.64	0.0201864	1863.46
4956.85	0.0181486	1863.48
4958.65	0.0205008	1863.49
4960.84	0.0201764	1863.51
4962.64	0.0202282	1863.52
4964.84	0.0177645	1863.54
4967.04	0.0221635	1863.56
4968.84	0.0184164	1863.57
4971.04	0.0204635	1863.59
4973.25	0.0155883	1863.61
4975.05	0.0237723	1863.62
4977.24	0.0204264	1863.64
4979.04	0.0211542	1863.66
4981.24	0.0215552	1863.67
4983.44	0.0232483	1863.69
4985.24	0.0222664	1863.71
4987.44	0.0196902	1863.72
4989.67	0.0209947	1863.74
4991.57	0.0226004	1863.76
4993.65	0.0264245	1863.77
4995.44	0.0220851	1863.79
4997.65	0.0211618	1863.81
4999.88	0.0226228	1863.82
5001.65	0.0227106	1863.84
5003.84	0.0248278	1863.86
5006.05	0.0197956	1863.87
5007.85	0.0215031	1863.89
5010.04	0.0201019	1863.91
5011.84	0.021423	1863.92
5014.04	0.0194621	1863.94

5016.26	0.0202164	1863.96
5018.44	0.0235868	1863.97
5020.24	0.024468	1863.99
5022.44	0.0257103	1864.01
5024.24	0.0211986	1864.02
5026.44	0.0220247	1864.04
5028.64	0.0232246	1864.06
5030.44	0.0208035	1864.07
5032.66	0.0176574	1864.09
5034.84	0.0208608	1864.11
5036.64	0.0213242	1864.12
5038.84	0.0241528	1864.14
5040.69	0.0237037	1864.15
5042.84	0.0213411	1864.17
5045.04	0.0192227	1864.19
5046.84	0.02244	1864.2
5049.04	0.0208714	1864.22
5051.24	0.0204361	1864.24
5053.04	0.021302	1864.26
5055.24	0.0198571	1864.27
5057.04	0.0220656	1864.29
5059.23	0.0206823	1864.31
5061.43	0.0229225	1864.32
5063.23	0.0216448	1864.34
5065.44	0.0226422	1864.36
5067.64	0.0219096	1864.37
5069.44	0.0308208	1864.39
5071.63	0.0217285	1864.41
5073.44	0.0247645	1864.42
5075.63	0.0217843	1864.44
5077.84	0.0203018	1864.46
5079.63	0.0265345	1864.47
5081.87	0.0234215	1864.49
5084.04	0.0209248	1864.51
5085.85	0.0218302	1864.52
5088.03	0.0232674	1864.54
5089.83	0.0208974	1864.55
5092.04	0.0229567	1864.57
5094.23	0.0202728	1864.59
5096.03	0.0218479	1864.6
5098.24	0.0231134	1864.62
5100.44	0.0256166	1864.64
5102.24	0.0261821	1864.65
5104.44	0.0211709	1864.67
5106.25	0.0260045	1864.69
5108.43	0.022397	1864.7
5110.63	0.0239761	1864.72
5112.43	0.0310044	1864.74
5114.64	0.0248516	1864.75

5116.84	0.0209455	1864.77
5118.64	0.0237315	1864.79
5120.83	0.0186483	1864.8
5122.65	0.0221616	1864.82
5124.83	0.0271605	1864.84
5127.04	0.0265327	1864.85
5128.83	0.0215918	1864.87
5131.07	0.0230718	1864.89
5133.24	0.0211714	1864.91
5135.04	0.0221426	1864.92
5137.23	0.0244934	1864.94
5139.03	0.0251784	1864.95
5141.23	0.0210345	1864.97
5143.43	0.025975	1864.99
5145.64	0.025512	1865.01
5147.45	0.0233547	1865.02
5149.63	0.0245433	1865.04
5151.43	0.0258291	1865.05
5153.63	0.024661	1865.07
5155.83	0.0222913	1865.09
5157.64	0.0245402	1865.1
5159.83	0.0203593	1865.12
5162.04	0.0264674	1865.14
5163.84	0.0219391	1865.15
5166.03	0.0220652	1865.17
5167.84	0.0219152	1865.19
5170.03	0.025124	1865.2
5172.26	0.0221905	1865.22
5174.03	0.0243601	1865.24
5176.23	0.0254995	1865.25
5178.43	0.0271886	1865.27
5180.28	0.0224802	1865.29
5182.43	0.0223457	1865.3
5184.23	0.0239218	1865.32
5186.43	0.0272334	1865.34
5188.63	0.0276386	1865.35
5190.43	0.0260488	1865.37
5192.63	0.027472	1865.39
5194.83	0.0259519	1865.4
5196.65	0.028865	1865.42
5198.83	0.0290261	1865.44
5200.63	0.0215357	1865.45
5202.83	0.0281245	1865.47
5205.03	0.0265664	1865.49
5206.83	0.0277243	1865.5
5209.03	0.0286128	1865.52
5211.23	0.0269732	1865.54
5213.05	0.0261055	1865.55
5215.23	0.0277706	1865.57

5217.03	0.0281466	1865.58
5219.23	0.0297242	1865.6
5221.43	0.0297021	1865.62
5223.23	0.0313322	1865.63
5225.43	0.0260148	1865.65
5227.63	0.025257	1865.67
5229.44	0.030385	1865.69
5231.63	0.026737	1865.7
5233.43	0.0276192	1865.72
5235.63	0.0288505	1865.74
5237.83	0.025606	1865.75
5239.63	0.0301637	1865.77
5241.83	0.0263179	1865.79
5244.05	0.0275102	1865.8
5245.83	0.0251853	1865.82
5248.02	0.0257806	1865.84
5250.23	0.0263356	1865.85
5252.02	0.0261563	1865.87
5254.23	0.026221	1865.89
5256.03	0.0295317	1865.9
5258.24	0.0246339	1865.92
5260.43	0.027765	1865.94
5262.23	0.0251152	1865.95
5264.43	0.0249847	1865.97
5266.62	0.0235935	1865.99
5268.43	0.0240212	1866
5270.62	0.0226712	1866.02
5272.44	0.0301445	1866.03
5274.63	0.0263878	1866.05
5276.83	0.0222574	1866.07
5279.02	0.0243563	1866.09
5280.86	0.0219928	1866.1
5283.02	0.019905	1866.12
5284.82	0.0250134	1866.13
5287.02	0.0254775	1866.15
5289.23	0.0224751	1866.17
5291.03	0.0209706	1866.18
5293.22	0.023013	1866.2
5295.43	0.0201462	1866.22
5297.23	0.0233042	1866.23
5299.5	0.0215734	1866.25
5301.24	0.0222656	1866.27
5303.42	0.029963	1866.28
5305.62	0.0250351	1866.3
5307.42	0.0235007	1866.32
5309.62	0.0203605	1866.34
5311.83	0.0191842	1866.35
5313.63	0.0266782	1866.37
5315.82	0.0226856	1866.39

5317.62	0.0234591	1866.4
5319.82	0.0201142	1866.42
5322.17	0.0219224	1866.44
5323.82	0.0226897	1866.45
5326.17	0.0207134	1866.47
5328.23	0.0274865	1866.49
5330.15	0.0234929	1866.5
5332.22	0.0214708	1866.52
5334.02	0.0258595	1866.53
5336.22	0.0247917	1866.55
5338.42	0.0258651	1866.57
5340.22	0.025285	1866.58
5342.45	0.0261149	1866.6
5344.63	0.0260037	1866.62
5346.46	0.0269852	1866.63
5348.62	0.0254446	1866.65
5350.42	0.0273519	1866.67
5352.62	0.0257044	1866.68
5354.82	0.030234	1866.7
5356.62	0.0280866	1866.72
5358.82	0.0337418	1866.73
5361.03	0.0286909	1866.75
5362.85	0.0291575	1866.77
5365.02	0.0313354	1866.78
5366.82	0.0243335	1866.8
5369.02	0.0268295	1866.82
5371.26	0.0258146	1866.83
5373.02	0.0321026	1866.85
5375.22	0.0296323	1866.87
5377.42	0.0300905	1866.88
5379.23	0.0259653	1866.9
5381.42	0.0327725	1866.92
5383.22	0.0284071	1866.93
5385.42	0.0257529	1866.95
5387.64	0.0275928	1866.97
5389.42	0.0303881	1866.98
5391.62	0.0265463	1867
5393.82	0.0324893	1867.02
5395.63	0.0301137	1867.03
5397.82	0.0406797	1867.05
5399.62	0.025865	1867.06
5401.82	0.0305825	1867.08
5404.02	0.0276682	1867.1
5405.82	0.0284352	1867.12
5408.02	0.0272709	1867.13
5410.3	0.0282385	1867.15
5412.05	0.0269442	1867.17
5414.29	0.0268697	1867.18
5416.42	0.0268834	1867.2

5418.33	0.0256403	1867.22
5420.42	0.0270035	1867.23
5422.63	0.0279891	1867.25
5424.42	0.0278858	1867.27
5426.62	0.0282915	1867.28
5428.42	0.0250732	1867.3
5430.62	0.0268103	1867.32
5432.82	0.0204623	1867.33
5434.62	0.0251761	1867.35
5436.85	0.0228744	1867.37
5439.02	0.0237167	1867.38
5440.82	0.0253777	1867.4
5443.02	0.0205769	1867.42
5444.82	0.0230225	1867.43
5447.01	0.0207061	1867.45
5449.21	0.022153	1867.47
5451.01	0.0157614	1867.48
5453.24	0.0205046	1867.5
5455.42	0.015388	1867.52
5457.22	0.0186689	1867.53
5459.41	0.0187992	1867.55
5461.22	0.0189189	1867.56
5463.41	0.0187338	1867.58
5465.61	0.0180337	1867.6
5467.41	0.0167655	1867.61
5469.62	0.0183423	1867.63
5471.82	0.0162563	1867.65
5473.62	0.0182553	1867.66
5475.81	0.0191277	1867.68
5477.63	0.015833	1867.7
5479.82	0.0148592	1867.71
5482.01	0.0169932	1867.73
5483.81	0.015715	1867.75
5486.02	0.0156105	1867.77
5488.22	0.0137746	1867.78
5490.02	0.0153716	1867.8
5492.21	0.0162116	1867.82
5494.02	0.017016	1867.83
5496.21	0.0196518	1867.85
5498.41	0.020434	1867.87
5500.21	0.014556	1867.88
5502.49	0.019257	1867.9
5504.62	0.0151316	1867.92
5506.46	0.0157227	1867.93
5508.61	0.0118538	1867.95
5510.52	0.0223448	1867.96
5512.62	0.0184146	1867.98
5514.81	0.0191862	1868
5516.61	0.0173309	1868.01

5518.82	0.0211729	1868.03
5521.02	0.0196135	1868.05
5522.82	0.015991	1868.06
5525.01	0.0175253	1868.08
5526.84	0.0160945	1868.1
5529.01	0.0170265	1868.11
5531.21	0.019225	1868.13
5533.01	0.0167966	1868.15
5535.22	0.0225541	1868.16
5537.42	0.0229097	1868.18
5539.22	0.0223968	1868.2
5541.41	0.0208071	1868.21
5543.61	0.0256668	1868.23
5545.41	0.0192345	1868.25
5547.61	0.0222137	1868.26
5549.82	0.0225688	1868.28
5551.65	0.0199027	1868.3
5553.81	0.0237583	1868.31
5555.61	0.0222508	1868.33
5557.81	0.0248669	1868.35
5560.01	0.0231582	1868.37
5561.81	0.0223482	1868.38
5564.01	0.0243162	1868.4
5566.21	0.0251641	1868.42
5568.03	0.0250153	1868.43
5570.21	0.0218093	1868.45
5572.01	0.0211023	1868.46
5574.21	0.0265733	1868.48
5576.45	0.0229737	1868.5
5578.21	0.0297185	1868.51
5580.41	0.0249932	1868.53
5582.62	0.027928	1868.55
5584.42	0.0275988	1868.56
5586.61	0.0296012	1868.58
5588.41	0.0273757	1868.6
5590.62	0.028444	1868.61
5592.85	0.0301448	1868.63
5594.65	0.0289519	1868.65
5596.81	0.0251763	1868.66
5599.01	0.0268308	1868.68
5600.81	0.0263106	1868.7
5603.01	0.0271837	1868.71
5604.81	0.0258183	1868.73
5607.01	0.0277882	1868.75
5609.21	0.0283855	1868.76
5611.01	0.023194	1868.78
5613.21	0.0298139	1868.8
5615.41	0.0257332	1868.81
5617.24	0.0271188	1868.83

5619.41	0.0228654	1868.85
5621.2	0.0261485	1868.86
5623.41	0.0252536	1868.88
5625.61	0.0287908	1868.9
5627.41	0.028409	1868.91
5629.61	0.0267968	1868.93
5631.81	0.0272831	1868.95
5633.63	0.022483	1868.96
5635.8	0.0284707	1868.98
5637.6	0.0261534	1868.99
5639.8	0.0217803	1869.01
5642.05	0.0244124	1869.03
5643.8	0.0239131	1869.04
5646.01	0.0263591	1869.06
5648.21	0.0257716	1869.08
5650.01	0.0229086	1869.09
5652.21	0.0246348	1869.11
5654	0.0235973	1869.13
5656.2	0.0227881	1869.14
5658.42	0.0186256	1869.16
5660.2	0.0225234	1869.18
5662.41	0.0235655	1869.2
5664.61	0.0221664	1869.21
5666.45	0.0194375	1869.23
5668.6	0.0207531	1869.25
5670.81	0.024725	1869.26
5672.61	0.0208591	1869.28
5674.81	0.022596	1869.3
5677.01	0.022647	1869.31
5678.81	0.0211232	1869.33
5681.01	0.0210019	1869.35
5682.85	0.0168718	1869.36
5685	0.0228862	1869.38
5687.2	0.021135	1869.4
5689	0.0172935	1869.41
5691.21	0.0206503	1869.43
5693.41	0.0232193	1869.45
5695.21	0.0198658	1869.46
5697.4	0.0199818	1869.48
5699.21	0.0199943	1869.49
5701.4	0.02178	1869.51
5703.6	0.0226687	1869.53
5705.4	0.0251797	1869.54
5707.61	0.0213911	1869.56
5709.81	0.0240966	1869.58
5711.61	0.0226342	1869.59
5713.8	0.0238898	1869.61
5715.6	0.0232094	1869.63
5717.8	0.0232461	1869.64

5720	0.0230704	1869.66
5721.8	0.0250837	1869.68
5724.02	0.0194114	1869.69
5726.21	0.0198925	1869.71
5728.01	0.0204639	1869.73
5730.2	0.023729	1869.74
5732.04	0.0209302	1869.76
5734.2	0.0222361	1869.78
5736.4	0.0249406	1869.8
5738.2	0.0208732	1869.81
5740.4	0.0207378	1869.83
5742.6	0.0206786	1869.85
5744.4	0.0247078	1869.86
5746.6	0.018248	1869.88
5748.42	0.0246468	1869.89
5750.6	0.0247254	1869.91
5752.8	0.0244903	1869.93
5754.6	0.025987	1869.94
5756.84	0.024696	1869.96
5759	0.0302192	1869.98
5760.8	0.0306383	1869.99
5763	0.03016	1870.01
5764.8	0.0245268	1870.03
5767	0.026993	1870.04
5769.2	0.0220195	1870.06
5771	0.0235513	1870.08
5773.24	0.0224181	1870.09
5775.4	0.0263536	1870.11
5777.2	0.0221987	1870.13
5779.4	0.0198495	1870.14
5781.2	0.023736	1870.16
5783.4	0.0186614	1870.18
5785.6	0.0214218	1870.19
5787.4	0.0199114	1870.21
5789.6	0.0216117	1870.23
5791.8	0.0174788	1870.24
5793.61	0.0189709	1870.26
5795.8	0.0199356	1870.28
5797.6	0.0170924	1870.29
5799.8	0.0159518	1870.31
5802.03	0.0178881	1870.33
5804.2	0.0188899	1870.34
5806	0.0147201	1870.36
5808.2	0.0139414	1870.38
5810	0.0156192	1870.39
5812.2	0.016609	1870.41
5814.42	0.012714	1870.43
5816.2	0.0168922	1870.44
5818.39	0.015672	1870.46

5820.6	0.0158424	1870.48
5822.44	0.0151638	1870.49
5824.6	0.0189444	1870.51
5826.4	0.0153555	1870.52
5828.59	0.017799	1870.54
5830.94	0.0163267	1870.56
5832.86	0.0211001	1870.58
5834.8	0.0140277	1870.59
5837	0.0178038	1870.61
5838.8	0.0191204	1870.63
5841	0.0211441	1870.64
5842.79	0.0134972	1870.66
5844.99	0.019155	1870.68
5847.19	0.0172217	1870.69
5849	0.0162629	1870.71
5851.2	0.0194316	1870.73
5853.41	0.0186106	1870.74
5855.2	0.0188797	1870.76
5857.43	0.0206863	1870.78
5859.19	0.020126	1870.79
5861.39	0.0188808	1870.81
5863.59	0.019006	1870.83
5865.4	0.0215894	1870.84
5867.6	0.0231797	1870.86
5869.8	0.0234157	1870.88
5871.6	0.0237271	1870.89
5873.82	0.0270177	1870.91
5875.59	0.0249679	1870.92
5877.79	0.0251215	1870.94
5879.99	0.0266393	1870.96
5881.79	0.0243817	1870.97
5883.99	0.0229493	1870.99
5886.2	0.0249974	1871.01
5888	0.0314435	1871.02
5890.19	0.0285266	1871.04
5891.99	0.025865	1871.06
5894.19	0.0283333	1871.07
5896.39	0.0245013	1871.09
5898.19	0.0271936	1871.11
5900.46	0.0276879	1871.13
5902.6	0.0257103	1871.14
5904.4	0.029554	1871.16
5906.63	0.0304764	1871.18
5908.39	0.0316937	1871.2
5910.59	0.0314143	1871.22
5912.79	0.0298345	1871.25
5914.59	0.0312827	1871.27
5916.79	0.0321651	1871.3
5919.07	0.0273382	1871.32

5920.8	0.0287104	1871.34
5923.13	0.0272158	1871.37
5924.79	0.0269251	1871.39
5927.11	0.0275193	1871.42
5929.19	0.0292739	1871.44
5931.12	0.0270929	1871.46
5933.19	0.027225	1871.49
5935.4	0.0315056	1871.51
5937.19	0.0289454	1871.53
5939.41	0.0259084	1871.56
5941.59	0.0264168	1871.59
5943.39	0.0288686	1871.61
5945.59	0.0252889	1871.63
5947.8	0.0278169	1871.66
5949.59	0.0276713	1871.68
5951.79	0.0257961	1871.71
5953.68	0.0272991	1871.73
5955.8	0.0274089	1871.75
5957.99	0.0257612	1871.78
5959.79	0.0221824	1871.8
5961.99	0.0273546	1871.82
5964.22	0.0236378	1871.85
5965.99	0.0259027	1871.87
5968.19	0.0242842	1871.9
5969.99	0.024135	1871.92
5972.19	0.0235741	1871.94
5974.39	0.0274492	1871.97
5976.19	0.0253211	1871.99
5978.39	0.0256489	1872.02
5980.6	0.0244516	1872.04
5982.39	0.0246599	1872.06
5984.59	0.0295465	1872.09
5986.39	0.0305157	1872.11
5988.62	0.0256949	1872.14
5990.79	0.026258	1872.16
5992.59	0.0258871	1872.18
5994.79	0.0295002	1872.21
5997.04	0.0237791	1872.23
5998.79	0.0243438	1872.25
6000.99	0.0226659	1872.28
6002.79	0.0231405	1872.3
6005.01	0.0247306	1872.33
6007.24	0.0258129	1872.35
6008.98	0.0216267	1872.37
6011.25	0.024239	1872.4
6013.43	0.0203244	1872.43
6015.27	0.0238884	1872.45
6017.38	0.0221392	1872.47
6019.26	0.0228327	1872.49

6021.39	0.0231826	1872.52
6023.59	0.0222789	1872.54
6025.38	0.0254115	1872.57
6027.59	0.0256342	1872.59
6029.79	0.0247031	1872.62
6031.6	0.0252229	1872.64
6033.78	0.0245554	1872.66
6035.58	0.0272227	1872.69
6037.81	0.0256099	1872.71
6039.98	0.0248301	1872.74
6041.78	0.0247594	1872.76
6043.99	0.0228743	1872.78
6046.2	0.0285722	1872.81
6047.99	0.0257134	1872.83
6050.18	0.0258657	1872.86
6051.98	0.0253991	1872.88
6054.21	0.0253908	1872.9
6056.39	0.0271962	1872.93
6058.18	0.0314207	1872.95
6060.39	0.0249674	1872.98
6062.59	0.0272081	1873
6064.39	0.0293183	1873.02
6066.58	0.0270212	1873.05
6068.78	0.0248551	1873.07
6070.58	0.0248435	1873.09
6072.78	0.0259071	1873.12
6074.99	0.0287064	1873.15
6076.79	0.0219989	1873.17
6079.01	0.0277226	1873.19
6080.78	0.0276082	1873.21
6082.98	0.0251777	1873.24
6085.18	0.0264844	1873.27
6087.03	0.0300905	1873.29
6089.18	0.025793	1873.31
6091.39	0.0231038	1873.34
6093.19	0.0233215	1873.36
6095.41	0.0260548	1873.38
6097.27	0.0246391	1873.41
6099.41	0.0246714	1873.43
6101.58	0.0252503	1873.46
6103.47	0.0283096	1873.48
6105.58	0.0283395	1873.5
6107.79	0.0249892	1873.53
6109.59	0.0292154	1873.55
6111.79	0.0236732	1873.58
6113.58	0.0250364	1873.6
6115.79	0.0250284	1873.62
6117.98	0.0239206	1873.65
6119.79	0.0251152	1873.67

6121.98	0.0240175	1873.7
6124.19	0.0232052	1873.72
6125.98	0.0224242	1873.74
6128.22	0.0256113	1873.77
6129.98	0.0261009	1873.79
6132.18	0.022573	1873.81
6134.38	0.0255818	1873.84
6136.19	0.0232868	1873.86
6138.38	0.0245996	1873.89
6140.58	0.0267648	1873.91
6142.38	0.0240766	1873.93
6144.61	0.0264523	1873.96
6146.38	0.024368	1873.98
6148.58	0.0233228	1874.01
6150.78	0.0272633	1874.03
6152.62	0.0274831	1874.05
6154.78	0.0307028	1874.08
6156.98	0.0256848	1874.1
6158.78	0.0249026	1874.13
6160.98	0.0245868	1874.15
6162.78	0.0252161	1874.17
6164.98	0.0303097	1874.2
6167.18	0.0247019	1874.22
6169	0.0264696	1874.25
6171.18	0.0270548	1874.27
6173.38	0.0269611	1874.3
6175.18	0.0299153	1874.32
6177.42	0.0278264	1874.34
6179.18	0.0289394	1874.36
6181.38	0.0247854	1874.39
6183.58	0.0282167	1874.42
6185.4	0.029569	1874.44
6187.59	0.0291315	1874.46
6189.78	0.0292289	1874.49
6191.58	0.0290011	1874.51
6193.78	0.0253766	1874.53
6195.98	0.024771	1874.56
6197.78	0.0162165	1874.58
6199.97	0.0292398	1874.61
6202.18	0.0275893	1874.63
6203.98	0.0261685	1874.65
6206.18	0.0277494	1874.68
6207.98	0.0231974	1874.7
6210.17	0.0272031	1874.73
6212.37	0.0273021	1874.75
6214.17	0.0285142	1874.77
6216.38	0.0281986	1874.8
6218.62	0.0293064	1874.83
6220.38	0.0253741	1874.85

6222.57	0.0283776	1874.87
6224.4	0.0273654	1874.89
6226.57	0.0252696	1874.92
6228.77	0.0245525	1874.94
6230.57	0.0324482	1874.96
6232.78	0.0279112	1874.99
6235.01	0.026732	1875.02
6236.78	0.0301294	1875.04
6238.97	0.0277231	1875.06
6240.77	0.0232196	1875.08
6242.98	0.0268484	1875.11
6245.17	0.0251311	1875.14
6246.97	0.024095	1875.16
6249.17	0.0244884	1875.18
6251.38	0.0258316	1875.21
6253.18	0.0292274	1875.23
6255.37	0.0227199	1875.25
6257.17	0.0274945	1875.28
6259.4	0.0291171	1875.3
6261.57	0.0212576	1875.33
6263.37	0.0251951	1875.35
6265.57	0.025164	1875.37
6267.82	0.0248576	1875.4
6269.58	0.0225941	1875.42
6271.77	0.0203312	1875.45
6273.59	0.0185902	1875.47
6275.78	0.0207223	1875.49
6277.97	0.0199381	1875.52
6279.77	0.0194177	1875.54
6281.97	0.019213	1875.57
6284.21	0.0141745	1875.59
6285.98	0.0206746	1875.61
6288.17	0.0185966	1875.64
6289.97	0.0184178	1875.66
6292.17	0.0195023	1875.69
6294.37	0.0167166	1875.71
6296.17	0.0223367	1875.73
6298.37	0.0177816	1875.75
6300.58	0.019478	1875.76
6302.38	0.0210283	1875.77
6304.57	0.0188845	1875.79
6306.37	0.0150863	1875.8
6308.61	0.0206172	1875.81
6310.77	0.0212834	1875.83
6312.57	0.018079	1875.84
6314.77	0.0182662	1875.85
6316.98	0.0158565	1875.87
6318.78	0.0189094	1875.88
6320.97	0.0183413	1875.9

6322.77	0.0196829	1875.91
6325	0.0195333	1875.92
6327.17	0.0179215	1875.94
6329.38	0.0197645	1875.95
6331.17	0.0213163	1875.96
6333.37	0.0252747	1875.98
6335.17	0.0226995	1875.99
6337.37	0.0227551	1876
6339.57	0.0227078	1876.02
6341.38	0.0198822	1876.03
6343.57	0.0229135	1876.05
6345.77	0.0205745	1876.06
6347.57	0.02933	1876.07
6349.8	0.0223561	1876.09
6351.57	0.0216079	1876.1
6353.77	0.0238834	1876.11
6355.97	0.0239682	1876.13
6357.77	0.0196916	1876.14
6359.97	0.023163	1876.15
6362.17	0.0286442	1876.17
6363.97	0.0263471	1876.18
6366.19	0.0230629	1876.19
6367.97	0.0244235	1876.21
6370.17	0.0249821	1876.22
6372.37	0.0250854	1876.24
6374.21	0.0241386	1876.25
6376.37	0.0269785	1876.26
6378.57	0.0236168	1876.28
6380.37	0.0307136	1876.29
6382.57	0.0271402	1876.3
6384.36	0.0231474	1876.32
6386.56	0.0246466	1876.33
6388.76	0.0239079	1876.34
6390.57	0.0238681	1876.36
6392.77	0.023916	1876.37
6394.97	0.0253727	1876.39
6396.77	0.0205864	1876.4
6399	0.023564	1876.41
6400.76	0.0256411	1876.42
6402.97	0.0266236	1876.44
6405.16	0.0210359	1876.45
6406.96	0.0275949	1876.46
6409.17	0.0237409	1876.48
6411.37	0.0266677	1876.49
6413.17	0.0239364	1876.51
6415.39	0.0290919	1876.52
6417.16	0.0244872	1876.53
6419.36	0.0287844	1876.55
6421.56	0.0275318	1876.56

6423.41	0.0340788	1876.57
6425.57	0.0290328	1876.59
6427.9	0.0313831	1876.6
6429.57	0.0307368	1876.61
6431.76	0.0278832	1876.63
6433.56	0.030452	1876.64
6435.76	0.0262059	1876.66
6437.96	0.0246179	1876.67
6439.77	0.027502	1876.68
6441.96	0.0264728	1876.7
6444.17	0.029059	1876.71
6445.97	0.0270983	1876.72
6448.19	0.0279839	1876.74
6449.96	0.0309652	1876.75
6452.16	0.0259268	1876.76
6454.36	0.0271133	1876.78
6456.16	0.0254085	1876.79
6458.4	0.0257794	1876.81
6460.57	0.0258131	1876.82
6462.37	0.0262915	1876.83
6464.56	0.0254201	1876.85
6466.76	0.0271592	1876.86
6468.56	0.0215718	1876.87
6470.76	0.0235207	1876.89
6472.97	0.0228263	1876.9
6474.81	0.022193	1876.91
6476.96	0.0192806	1876.93
6478.76	0.0203275	1876.94
6480.96	0.020948	1876.95
6483.16	0.0204183	1876.97
6484.97	0.0189653	1876.98
6487.16	0.0209895	1877
6489.37	0.018454	1877.01
6491.17	0.0179397	1877.02
6493.36	0.0181338	1877.04
6495.16	0.0179032	1877.05
6497.36	0.0181468	1877.06
6499.59	0.0176497	1877.08
6501.46	0.0148996	1877.09
6503.56	0.0168882	1877.1
6505.76	0.0154371	1877.12
6507.56	0.0144675	1877.13
6509.76	0.0173104	1877.15
6511.56	0.0181881	1877.16
6513.76	0.0165256	1877.17
6516.06	0.0171341	1877.19
6517.76	0.0174049	1877.2
6520.05	0.0199584	1877.21
6522.16	0.0186416	1877.23

6524.09	0.0176601	1877.24
6526.16	0.0162405	1877.25
6528.04	0.0186078	1877.27
6530.16	0.0194881	1877.28
6532.36	0.0180315	1877.3
6534.16	0.0163968	1877.31
6536.36	0.0168737	1877.32
6538.56	0.0205933	1877.34
6540.38	0.0174939	1877.35
6542.56	0.017607	1877.36
6544.39	0.0192874	1877.37
6546.56	0.0177514	1877.39
6548.8	0.019045	1877.4
6550.56	0.0169422	1877.42
6552.76	0.0198633	1877.43
6554.96	0.0161824	1877.44
6556.76	0.0193193	1877.46
6558.96	0.0182653	1877.47
6560.76	0.0167751	1877.48
6562.96	0.0173124	1877.5
6565.2	0.0182158	1877.51
6566.96	0.017257	1877.52
6569.16	0.0159438	1877.54
6571.36	0.0169344	1877.55
6573.19	0.0171556	1877.57
6575.35	0.0193097	1877.58
6577.15	0.019356	1877.59
6579.35	0.0157157	1877.61
6581.57	0.0185892	1877.62
6583.36	0.0198481	1877.63
6585.56	0.0176715	1877.65
6587.76	0.0175968	1877.66
6589.59	0.0196541	1877.67
6591.75	0.0172923	1877.69
6593.95	0.0189305	1877.7
6595.75	0.0189305	1877.72
6597.95	0.0146325	1877.73
6600.2	0.0165373	1877.74
6601.96	0.0185613	1877.76
6604.17	0.0173513	1877.77
6605.98	0.0215359	1877.78
6608.21	0.0211405	1877.8
6610.36	0.0218741	1877.81
6612.19	0.0203646	1877.82
6614.39	0.0227784	1877.84
6616.56	0.0192907	1877.85
6618.36	0.0212725	1877.86
6620.56	0.0235042	1877.88
6622.36	0.0212341	1877.89

6624.55	0.0202092	1877.91
6626.75	0.0245493	1877.92
6628.55	0.0247165	1877.93
6630.77	0.0220476	1877.95
6632.96	0.0257673	1877.96
6634.76	0.0226483	1877.97
6636.95	0.0246413	1877.99
6638.79	0.0285172	1878
6640.95	0.0198895	1878.01
6643.15	0.0242566	1878.03
6644.95	0.0267675	1878.04
6647.16	0.0237231	1878.06
6649.36	0.0244828	1878.07
6651.16	0.0317804	1878.08
6653.36	0.0292497	1878.1
6655.19	0.0287644	1878.11
6657.35	0.0278919	1878.12
6659.55	0.0257867	1878.14
6661.35	0.0270282	1878.15
6663.55	0.028904	1878.16
6665.76	0.0277817	1878.18
6667.56	0.0251582	1878.19
6669.75	0.024881	1878.21
6671.56	0.0281361	1878.22
6673.75	0.0247595	1878.23
6675.95	0.0246128	1878.25
6677.75	0.0234985	1878.26
6679.96	0.0217428	1878.27
6682.16	0.023402	1878.29
6683.96	0.0243066	1878.3
6686.15	0.0194269	1878.31
6687.95	0.0210265	1878.33
6690.15	0.0192723	1878.34
6692.35	0.0231079	1878.35
6694.15	0.0263889	1878.37
6696.39	0.0233239	1878.38
6698.55	0.0231512	1878.4
6700.37	0.0261301	1878.41
6702.55	0.0213085	1878.42
6704.42	0.0218703	1878.43
6706.55	0.0232648	1878.45
6708.75	0.021536	1878.46
6710.55	0.0273647	1878.48
6712.76	0.0191183	1878.49
6714.95	0.0188628	1878.5
6716.75	0.0266719	1878.52
6718.95	0.0212632	1878.53
6721.18	0.0230129	1878.55
6722.96	0.0228207	1878.56

6725.15	0.0225093	1878.57
6727.35	0.0254398	1878.59
6729.19	0.0246957	1878.6
6731.35	0.0259437	1878.61
6733.15	0.0225042	1878.62
6735.35	0.0238186	1878.64
6737.55	0.0281573	1878.65
6739.35	0.0217731	1878.67
6741.55	0.0207473	1878.68
6743.75	0.0258378	1878.7
6745.59	0.0246358	1878.71
6747.75	0.0240791	1878.72
6749.55	0.0252224	1878.73
6751.74	0.0237621	1878.75
6753.95	0.0272599	1878.76
6755.75	0.0246106	1878.77
6757.95	0.0238237	1878.79
6760.15	0.022356	1878.8
6761.96	0.0274942	1878.82
6764.14	0.0199533	1878.83
6765.94	0.0225894	1878.84
6768.14	0.022694	1878.86
6770.37	0.0226271	1878.87
6772.14	0.0288179	1878.88
6774.35	0.0256114	1878.9
6776.56	0.0236058	1878.91
6778.35	0.0305075	1878.92
6780.55	0.0282942	1878.94
6782.34	0.024431	1878.95
6784.54	0.0256249	1878.97
6786.75	0.0251934	1878.98
6788.55	0.0251343	1878.99
6790.75	0.0259555	1879.01
6792.95	0.0242653	1879.02
6794.79	0.0245968	1879.03
6796.94	0.026568	1879.05
6798.74	0.0258233	1879.06
6800.94	0.0257217	1879.07
6803.15	0.0281948	1879.09
6804.94	0.0275512	1879.1
6807.15	0.0306527	1879.11
6809.35	0.0238369	1879.13
6811.17	0.027842	1879.14
6813.34	0.0267107	1879.16
6815.14	0.0263577	1879.17
6817.34	0.0324466	1879.18
6819.59	0.0290606	1879.2
6821.34	0.0293669	1879.21
6823.54	0.0317599	1879.22

6825.75	0.0315521	1879.24
6827.55	0.0242462	1879.25
6829.74	0.032122	1879.26
6831.54	0.031629	1879.28
6833.74	0.0287576	1879.29
6835.98	0.0274135	1879.31
6837.74	0.0336833	1879.32
6839.94	0.0292326	1879.33
6842.15	0.0278398	1879.35
6843.95	0.0245125	1879.36
6846.14	0.0281605	1879.37
6847.94	0.0273059	1879.39
6850.14	0.0337698	1879.4
6852.35	0.0309632	1879.41
6854.55	0.0276202	1879.43
6856.35	0.0277679	1879.44
6858.54	0.024248	1879.46
6860.37	0.028491	1879.47
6862.54	0.025685	1879.48
6864.74	0.0264629	1879.5
6866.55	0.024127	1879.51
6868.74	0.0236224	1879.52
6870.95	0.0228694	1879.54
6872.75	0.0236031	1879.55
6874.94	0.0232119	1879.56
6876.75	0.0246194	1879.58
6878.94	0.0238662	1879.59
6881.14	0.0256016	1879.6
6882.94	0.0220669	1879.62
6885.19	0.0239135	1879.63
6887.34	0.0237647	1879.65
6889.14	0.0219607	1879.66
6891.34	0.0218468	1879.67
6893.14	0.0259171	1879.68
6895.34	0.0268889	1879.7
6897.54	0.0233844	1879.71
6899.34	0.0183104	1879.73
6901.56	0.0217926	1879.74
6903.77	0.023527	1879.75
6905.54	0.0250904	1879.77
6907.74	0.0226481	1879.78
6909.58	0.0187725	1879.79
6911.74	0.0218215	1879.81
6913.94	0.0179354	1879.82
6915.74	0.0198728	1879.83
6917.94	0.0205023	1879.85
6920.14	0.0219194	1879.86
6922.07	0.0199963	1879.88
6924.14	0.0199915	1879.89

6925.94	0.0192446	1879.9
6928.14	0.0226226	1879.92
6930.34	0.0186321	1879.93
6932.14	0.0218943	1879.94
6934.34	0.0189057	1879.96
6936.54	0.0216408	1879.97
6938.34	0.0220615	1879.98
6940.53	0.0251794	1880
6942.34	0.0191171	1880.01
6944.54	0.0189394	1880.02
6946.74	0.0199885	1880.04
6948.53	0.0190776	1880.05
6950.77	0.0188334	1880.07
6952.94	0.0220671	1880.08
6954.74	0.0242553	1880.09
6956.93	0.0242158	1880.11
6958.73	0.0239729	1880.12
6960.93	0.0229478	1880.13
6963.13	0.0221038	1880.15
6964.93	0.0205894	1880.16
6967.14	0.0201182	1880.17
6969.34	0.0229957	1880.19
6971.14	0.0221741	1880.2
6973.33	0.02028	1880.22
6975.17	0.0274113	1880.23
6977.33	0.0238632	1880.24
6979.53	0.0268429	1880.26
6981.33	0.0231773	1880.27
6983.54	0.021492	1880.28
6985.74	0.0230804	1880.3
6987.54	0.0193765	1880.31
6989.73	0.0228275	1880.32
6991.95	0.0240915	1880.34
6993.73	0.0200177	1880.35
6995.93	0.0202089	1880.37
6998.14	0.0248779	1880.38
6999.98	0.0205291	1880.39
7002.13	0.028865	1880.41
7003.93	0.0204266	1880.42
7006.13	0.0211809	1880.43
7008.34	0.0228214	1880.45
7010.14	0.0233813	1880.46
7012.33	0.0228164	1880.47
7014.54	0.0206303	1880.49
7016.34	0.0215647	1880.5
7018.53	0.0243971	1880.51
7020.34	0.0235766	1880.53
7022.53	0.0220914	1880.54
7024.87	0.0185852	1880.56

7026.8	0.0214036	1880.57
7028.86	0.0208241	1880.58
7030.94	0.0215294	1880.6
7032.85	0.0200243	1880.61
7034.98	0.0206479	1880.62
7036.73	0.0231446	1880.64
7038.93	0.0238155	1880.65
7041.19	0.0236514	1880.66
7042.95	0.0242165	1880.68
7045.13	0.0217298	1880.69
7047.34	0.021729	1880.71
7049.17	0.0244134	1880.72
7051.36	0.0233261	1880.73
7053.13	0.0255405	1880.74
7055.33	0.0261445	1880.76
7057.53	0.0242948	1880.77
7059.37	0.0257275	1880.79
7061.53	0.024633	1880.8
7063.73	0.0250757	1880.81
7065.54	0.0246978	1880.83
7067.73	0.0234455	1880.84
7069.53	0.0239413	1880.85
7071.73	0.027194	1880.87
7073.93	0.025431	1880.88
7075.77	0.0253133	1880.89
7077.93	0.0300352	1880.91
7080.13	0.0267426	1880.92
7081.93	0.0247193	1880.93
7084.13	0.0255739	1880.95
7085.93	0.0230759	1880.96
7088.13	0.0242428	1880.98
7090.33	0.0230986	1880.99
7092.15	0.0241244	1881
7094.33	0.0269208	1881.02
7096.54	0.027516	1881.03
7098.33	0.0298155	1881.04
7100.57	0.0284061	1881.06
7102.36	0.0234632	1881.07
7104.53	0.0256425	1881.08
7106.73	0.0247937	1881.1
7108.53	0.025677	1881.11
7110.73	0.0273246	1881.13
7113.01	0.0231134	1881.14
7114.73	0.0262255	1881.15
7117.02	0.0283632	1881.17
7119.13	0.0272355	1881.18
7121.06	0.0252659	1881.19
7123.13	0.0269411	1881.21
7125.33	0.0238368	1881.22

7127.13	0.0328672	1881.23
7129.33	0.0266056	1881.25
7131.12	0.0259176	1881.26
7133.33	0.0245482	1881.27
7135.53	0.0246496	1881.29
7137.37	0.0225987	1881.3
7139.52	0.0240177	1881.32
7141.77	0.0232207	1881.33
7143.53	0.0209582	1881.34
7145.73	0.0230198	1881.36
7147.53	0.0229357	1881.37
7149.72	0.0210198	1881.38
7151.92	0.0222884	1881.4
7153.72	0.0246678	1881.41
7155.93	0.0224155	1881.42
7158.13	0.025456	1881.44
7159.93	0.0248002	1881.45
7162.12	0.0257741	1881.47
7163.92	0.0238567	1881.48
7166.13	0.0272633	1881.49
7168.32	0.031751	1881.51
7170.12	0.0252934	1881.52
7172.33	0.0248197	1881.53
7174.53	0.0263857	1881.55
7176.33	0.0256456	1881.56
7178.52	0.0229826	1881.57
7180.32	0.0187831	1881.59
7182.54	0.0248	1881.6
7184.72	0.0228374	1881.62
7186.52	0.0235938	1881.63
7188.72	0.0218988	1881.64
7190.97	0.0210262	1881.66
7192.73	0.0245116	1881.67
7194.92	0.0234941	1881.68
7196.72	0.0220223	1881.69
7198.92	0.0208528	1881.71
7201.12	0.0249926	1881.72
7202.92	0.0191922	1881.74
7205.15	0.0212548	1881.75
7207.33	0.0229203	1881.76
7209.19	0.0217159	1881.78
7211.32	0.0230727	1881.79
7213.15	0.0185846	1881.8
7215.32	0.0170437	1881.82
7217.52	0.0180891	1881.83
7219.32	0.0165039	1881.84
7221.52	0.0210105	1881.86
7223.73	0.0171222	1881.87
7225.53	0.0174713	1881.89

7227.72	0.0158634	1881.9
7229.52	0.0158691	1881.91
7231.75	0.0177157	1881.93
7233.92	0.0165715	1881.94
7235.72	0.0163749	1881.95
7237.93	0.0165296	1881.97
7240.13	0.0161536	1881.98
7241.93	0.0155142	1881.99
7244.12	0.013006	1882.01
7246.32	0.0193595	1882.02
7248.13	0.0137805	1882.04
7250.32	0.0151999	1882.05
7252.59	0.01349	1882.06
7254.36	0.0120006	1882.08
7256.55	0.0116815	1882.09
7258.33	0.0157978	1882.1
7260.52	0.0126315	1882.12
7262.72	0.0124617	1882.13
7264.52	0.0124704	1882.14
7266.72	0.0113194	1882.16
7268.92	0.00957865	1882.17
7270.72	0.010594	1882.19
7272.94	0.0111051	1882.21
7274.72	0.0111719	1882.23
7276.92	0.0133956	1882.25
7279.12	0.0117892	1882.27
7280.96	0.0123223	1882.29
7283.12	0.0134156	1882.31
7285.33	0.0125457	1882.33
7287.12	0.0117322	1882.35
7289.32	0.0122376	1882.37
7291.13	0.0111574	1882.39
7293.32	0.0134235	1882.41
7295.52	0.0171455	1882.43
7297.32	0.0132436	1882.45
7299.52	0.0138613	1882.47
7301.72	0.0147965	1882.49
7303.52	0.0161529	1882.51
7305.74	0.0142219	1882.53
7307.52	0.0134699	1882.55
7309.72	0.0157211	1882.57
7311.92	0.0156363	1882.59
7313.76	0.0172777	1882.61
7315.92	0.0138439	1882.63
7318.12	0.0164274	1882.65
7319.92	0.0158011	1882.67
7322.12	0.0175046	1882.69
7323.92	0.017053	1882.71
7326.11	0.0147487	1882.73

7328.31	0.0159778	1882.75
7330.12	0.0137159	1882.77
7332.34	0.0177842	1882.79
7334.52	0.0173179	1882.81
7336.32	0.0177524	1882.83
7338.51	0.0163653	1882.85
7340.36	0.0192775	1882.87
7342.51	0.0168409	1882.89
7344.72	0.0152312	1882.91
7346.51	0.0172687	1882.93
7348.72	0.0182057	1882.95
7350.92	0.0203751	1882.97
7352.72	0.0195396	1882.99
7354.91	0.0193775	1883.01
7356.76	0.0171129	1883.03
7358.91	0.0157942	1883.05
7361.11	0.0154981	1883.07
7362.91	0.0164013	1883.09
7365.12	0.0167353	1883.11
7367.32	0.0179109	1883.13
7369.12	0.0198961	1883.15
7371.31	0.0182108	1883.17
7373.12	0.0180561	1883.19
7375.31	0.0211972	1883.21
7377.51	0.015788	1883.23
7379.72	0.0196697	1883.26
7381.56	0.0195298	1883.27
7383.71	0.0192862	1883.3
7385.52	0.0211813	1883.31
7387.71	0.017163	1883.33
7389.92	0.0199488	1883.36
7391.72	0.0171002	1883.37
7393.92	0.018077	1883.4
7396.12	0.0199067	1883.42
7397.93	0.0187302	1883.43
7400.11	0.0229357	1883.46
7401.92	0.0200399	1883.47
7404.11	0.0202293	1883.5
7406.31	0.0237733	1883.52
7408.11	0.0198708	1883.53
7410.31	0.0208452	1883.56
7412.52	0.0215229	1883.58
7414.32	0.0162754	1883.6
7416.51	0.0190644	1883.62
7418.31	0.0213632	1883.63
7420.51	0.0205361	1883.66
7422.73	0.0187818	1883.68
7424.56	0.0174957	1883.7
7426.71	0.0206293	1883.72

7428.92	0.0179956	1883.74
7430.77	0.0180944	1883.76
7432.91	0.0213284	1883.78
7434.71	0.0169384	1883.8
7436.91	0.0220674	1883.82
7439.12	0.0182956	1883.84
7441.12	0.0177523	1883.86
7443.19	0.0201372	1883.88
7445.35	0.0175029	1883.9
7447.14	0.0152688	1883.92
7449.31	0.0180469	1883.94
7451.11	0.0185392	1883.96
7453.31	0.0214337	1883.98
7455.51	0.0139795	1884
7457.31	0.0201484	1884.02
7459.51	0.0198915	1884.04
7461.72	0.0156525	1884.06
7463.52	0.0190249	1884.08
7465.71	0.019211	1884.1
7467.51	0.0178458	1884.12
7469.76	0.0150666	1884.14
7471.95	0.0170581	1884.16
7473.74	0.0157439	1884.18
7475.91	0.0182201	1884.2
7478.11	0.0182334	1884.22
7479.91	0.0161384	1884.24
7482.11	0.0212073	1884.26
7483.91	0.0172441	1884.28
7486.11	0.0146837	1884.3
7488.31	0.020496	1884.32
7490.11	0.0168566	1884.34
7492.31	0.0155462	1884.36
7494.51	0.0193632	1884.38
7496.31	0.016868	1884.4
7498.51	0.0157947	1884.42
7500.31	0.0157012	1884.44
7502.51	0.0189791	1884.46
7504.73	0.0159995	1884.48
7506.51	0.0150819	1884.5
7508.71	0.0150653	1884.52
7510.91	0.0186015	1884.54
7512.73	0.0167464	1884.56
7514.91	0.015356	1884.58
7517.1	0.017086	1884.6
7518.9	0.0222594	1884.62
7521.15	0.0169443	1884.64
7523.31	0.0207112	1884.66
7525.11	0.0215977	1884.68
7527.3	0.0211081	1884.7

7529.11	0.0166778	1884.72
7531.3	0.019187	1884.74
7533.51	0.0190185	1884.76
7535.31	0.0185732	1884.78
7537.78	0.0209151	1884.81
7539.71	0.0192698	1884.83
7541.77	0.018612	1884.85
7543.71	0.0190041	1884.86
7545.51	0.0202795	1884.88
7547.7	0.0163611	1884.9
7549.9	0.0193003	1884.93
7551.7	0.0214852	1884.94
7553.91	0.0186698	1884.96
7556.11	0.0175967	1884.99
7557.91	0.0201434	1885
7560.1	0.0180554	1885.03
7561.94	0.020824	1885.04
7564.1	0.0193719	1885.06
7566.3	0.0208328	1885.09
7568.1	0.0199285	1885.1
7570.31	0.0195583	1885.13
7572.51	0.0178681	1885.15
7574.31	0.0219545	1885.16
7576.5	0.0195287	1885.19
7578.31	0.0204175	1885.2
7580.5	0.0195817	1885.23
7582.7	0.022791	1885.25
7584.51	0.0216294	1885.26
7586.7	0.0254376	1885.29
7588.91	0.0207574	1885.31
7590.71	0.0202921	1885.33
7593.09	0.0193922	1885.35
7594.7	0.0187278	1885.36
7596.9	0.0178699	1885.39
7599.11	0.0204615	1885.41
7601.27	0.0178307	1885.43
7603.1	0.0222035	1885.45
7605.31	0.0210587	1885.47
7607.11	0.0210202	1885.49
7609.34	0.0199497	1885.51
7611.1	0.0175201	1885.53
7613.3	0.0193977	1885.55
7615.52	0.0160606	1885.57
7617.3	0.0178624	1885.59
7619.5	0.0196997	1885.61
7621.94	0.0169318	1885.63
7623.51	0.0164444	1885.65
7625.98	0.0188783	1885.67
7627.55	0.0187919	1885.69

7629.95	0.0159	1885.71
7631.9	0.0166633	1885.73
7633.95	0.0165784	1885.75
7635.98	0.0176116	1885.77
7638.11	0.0165583	1885.79
7639.9	0.017633	1885.81
7642.1	0.0201571	1885.83
7644.3	0.0191201	1885.85
7646.1	0.0196134	1885.87
7648.3	0.0200296	1885.89
7650.51	0.0174777	1885.91
7652.3	0.0198363	1885.93
7654.5	0.0164323	1885.95
7656.39	0.0169169	1885.97
7658.53	0.0193548	1885.99
7660.7	0.0218318	1886.01
7662.5	0.0213831	1886.03
7664.7	0.0220689	1886.05
7666.92	0.0216194	1886.07
7668.7	0.0216031	1886.09
7670.9	0.0221434	1886.11
7672.7	0.0208995	1886.13
7674.99	0.0208177	1886.15
7677.1	0.0228664	1886.17
7678.9	0.0266476	1886.19
7681.1	0.0225934	1886.21
7683.3	0.0242391	1886.23
7685.1	0.0264615	1886.25
7687.3	0.0277513	1886.27
7689.1	0.0292757	1886.29
7691.3	0.0256166	1886.31
7693.5	0.0263992	1886.33
7695.3	0.0230281	1886.35
7697.5	0.0265179	1886.37
7699.74	0.0246612	1886.39
7701.5	0.0221297	1886.41
7703.7	0.0254769	1886.43
7705.49	0.0261648	1886.45
7707.7	0.0260641	1886.47
7710.09	0.0233067	1886.5
7711.69	0.0234607	1886.51
7714.09	0.0218861	1886.54
7716.13	0.0267069	1886.56
7718.13	0.0243605	1886.58
7720.09	0.0390752	1886.59
7722.09	0.0270743	1886.61
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7728.09	0.0270192	1886.67

7730.3	0.0276603	1886.69
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7734.3	0.0259441	1886.73
7736.49	0.0253469	1886.76
7738.29	0.0269212	1886.77
7740.51	0.0274602	1886.79
7742.69	0.0255642	1886.82
7744.49	0.0252794	1886.83
7746.7	0.0242555	1886.86
7748.94	0.0275712	1886.88
7750.7	0.0257679	1886.89
7752.9	0.0235205	1886.92
7754.69	0.0272845	1886.93
7756.91	0.0246737	1886.96
7759.09	0.0254004	1886.98
7760.89	0.0225127	1886.99
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7771.49	0.0246998	1887.1
7773.3	0.0234877	1887.12
7775.49	0.0216478	1887.14
7777.7	0.0200344	1887.16
7779.5	0.0225305	1887.18
7781.7	0.0201979	1887.2
7783.5	0.0213268	1887.22
7785.69	0.0237876	1887.24
7787.89	0.0201856	1887.26
7789.72	0.0255808	1887.28
7791.89	0.0249459	1887.3
7794.27	0.0207696	1887.32
7795.9	0.0264298	1887.34
7798.24	0.0244024	1887.36
7799.89	0.0251278	1887.38
7802.22	0.0218068	1887.4
7804.29	0.0197247	1887.42
7806.26	0.0294833	1887.44
7808.29	0.0277243	1887.46
7810.5	0.0236125	1887.48
7812.3	0.0240067	1887.5
7814.49	0.0274661	1887.52
7816.29	0.0217542	1887.54
7818.5	0.0263955	1887.56
7820.69	0.0252584	1887.58
7822.49	0.0280993	1887.6
7824.69	0.0299668	1887.62
7826.89	0.0263628	1887.64
7828.69	0.026033	1887.66

7830.91	0.0253112	1887.68
7832.69	0.0281497	1887.7
7834.89	0.0273846	1887.72
7837.09	0.0288496	1887.74
7838.93	0.0244033	1887.76
7841.09	0.0287666	1887.78
7843.29	0.0325516	1887.8
7845.09	0.025737	1887.82
7847.29	0.0272459	1887.84
7849.09	0.0292865	1887.86
7851.29	0.0289963	1887.88
7853.66	0.0331648	1887.9
7855.33	0.0264482	1887.92
7857.49	0.0226328	1887.94
7859.69	0.022873	1887.96
7861.49	0.0281111	1887.98
7863.69	0.02749	1888
7865.49	0.0273774	1888.02
7867.69	0.0266888	1888.04
7869.89	0.0247352	1888.06
7871.69	0.025895	1888.08
7873.89	0.0242316	1888.1
7876.09	0.0269544	1888.12
7877.89	0.0266944	1888.14
7880.12	0.0241606	1888.16
7881.89	0.0240774	1888.18
7884.09	0.0242885	1888.2
7886.4	0.021424	1888.23
7888.09	0.0245608	1888.24
7890.34	0.0223003	1888.26
7892.49	0.0237525	1888.29
7894.39	0.0247987	1888.3
7896.49	0.0259899	1888.32
7898.38	0.0258842	1888.34
7900.48	0.0233357	1888.36
7902.68	0.0213912	1888.39
7904.92	0.02189	1888.41
7906.69	0.0275531	1888.42
7908.89	0.0234905	1888.45
7910.68	0.0274706	1888.46
7912.89	0.0250731	1888.49
7915.09	0.0224468	1888.51
7916.89	0.0252352	1888.52
7919.08	0.0250368	1888.55
7921.31	0.0207533	1888.57
7923.09	0.0259585	1888.59
7925.29	0.0287241	1888.61
7927.09	0.0284506	1888.62
7929.32	0.0278827	1888.65

7931.48	0.0256675	1888.67
7933.28	0.027406	1888.69
7935.49	0.027962	1888.71
7937.69	0.0274617	1888.73
7939.49	0.0282686	1888.75
7941.68	0.0237193	1888.77
7943.48	0.0296873	1888.79
7945.72	0.0293321	1888.81
7947.88	0.0251327	1888.83
7949.68	0.0275399	1888.84
7951.89	0.0292831	1888.86
7954.09	0.0225378	1888.88
7955.89	0.0277344	1888.89
7958.08	0.0272425	1888.91
7959.88	0.0268064	1888.92
7962.09	0.0276491	1888.94
7964.28	0.0296606	1888.96
7966.08	0.0288094	1888.97
7968.28	0.0311192	1888.99
7970.53	0.0261891	1889.01
7972.41	0.0292174	1889.02
7974.49	0.0289491	1889.04
7976.28	0.0308257	1889.06
7978.5	0.0270251	1889.07
7980.68	0.0287757	1889.09
7982.49	0.0225589	1889.1
7984.68	0.0257207	1889.12
7986.92	0.0265921	1889.14
7988.69	0.0254644	1889.15
7990.88	0.0268441	1889.17
7992.68	0.0244272	1889.19
7994.92	0.0252369	1889.2
7997.08	0.021616	1889.22
7998.88	0.0195374	1889.24
8001.09	0.0220354	1889.25
8003.29	0.0240788	1889.27
8005.09	0.0182493	1889.29
8007.28	0.0232326	1889.3
8009.08	0.0247601	1889.32
8011.3	0.0233148	1889.34
8013.48	0.0211112	1889.35
8015.28	0.0246859	1889.37
8017.49	0.0251883	1889.39
8019.72	0.023986	1889.4
8021.48	0.0225673	1889.42
8023.68	0.0183183	1889.44
8025.48	0.0225359	1889.45
8027.68	0.0191334	1889.47
8029.88	0.0194965	1889.49

8031.68	0.0238727	1889.5
8034.01	0.0198786	1889.52
8036.12	0.0216679	1889.54
8037.88	0.0241383	1889.55
8040.08	0.0165689	1889.57
8042.28	0.0224362	1889.58
8044.08	0.0199139	1889.6
8046.28	0.0258014	1889.62
8048.48	0.020283	1889.63
8050.28	0.0194684	1889.65
8052.48	0.0225872	1889.67
8054.28	0.021	1889.68
8056.48	0.0174757	1889.7
8058.68	0.0172192	1889.72
8060.49	0.0188107	1889.73
8062.68	0.0165468	1889.75
8064.88	0.0174169	1889.77
8066.68	0.0186684	1889.78
8068.88	0.0158149	1889.8
8070.68	0.0151592	1889.81
8072.88	0.0149261	1889.83
8075.08	0.0146901	1889.85
8076.91	0.0131088	1889.86
8079.08	0.0177209	1889.88
8081.28	0.0133634	1889.9
8083.08	0.0155758	1889.91
8085.32	0.0118106	1889.93
8087.07	0.016132	1889.94
8089.27	0.016018	1889.96
8091.47	0.0130872	1889.98
8093.28	0.015176	1889.99
8095.48	0.0148165	1890.01
8097.68	0.0135643	1890.03
8099.48	0.0135812	1890.04
8101.69	0.0138462	1890.06
8103.47	0.0129723	1890.07
8105.7	0.0128935	1890.08
8107.87	0.0135633	1890.1
8109.71	0.0128615	1890.11
8111.88	0.0115548	1890.13
8114.08	0.0138537	1890.14
8115.91	0.014756	1890.15
8118.07	0.0133327	1890.17
8119.87	0.0121638	1890.18
8122.07	0.0161089	1890.19
8124.27	0.0146309	1890.21
8126.11	0.0133607	1890.22
8128.28	0.0136612	1890.24
8130.74	0.0170286	1890.25

8132.28	0.0180799	1890.26
8134.73	0.0178355	1890.28
8136.68	0.0148609	1890.29
8138.47	0.0235133	1890.3
8140.67	0.0205639	1890.32
8142.47	0.0177464	1890.33
8144.67	0.0180178	1890.35
8146.88	0.0196536	1890.36
8148.68	0.0178933	1890.37
8150.89	0.0191653	1890.39
8153.07	0.0162617	1890.4
8154.87	0.0177932	1890.41
8157.08	0.0201955	1890.43
8158.91	0.0204543	1890.44
8161.07	0.0228367	1890.45
8163.28	0.0224625	1890.47
8165.47	0.0262788	1890.48
8167.27	0.0239591	1890.5
8169.47	0.0236276	1890.51
8171.27	0.0194959	1890.52
8173.47	0.0212982	1890.54
8175.75	0.0238483	1890.55
8177.48	0.0241234	1890.56
8179.67	0.0229073	1890.58
8181.88	0.0230343	1890.59
8183.68	0.0242088	1890.61
8185.87	0.0217402	1890.62
8187.68	0.0235767	1890.63
8189.88	0.0279451	1890.65
8192.09	0.0294993	1890.66
8193.87	0.0243884	1890.67
8196.07	0.0278087	1890.69
8198.28	0.0348896	1890.7
8200.12	0.0250027	1890.72
8202.27	0.0292818	1890.73
8204.07	0.0307857	1890.74
8206.27	0.0273771	1890.76
8208.47	0.0279975	1890.77
8210.27	0.0305141	1890.78
8212.47	0.032008	1890.8
8214.86	0.0313288	1890.81
8216.5	0.0287217	1890.83
8218.85	0.026045	1890.84
8220.47	0.0301233	1890.85
8222.9	0.0319095	1890.87
8224.87	0.0287715	1890.88
8226.9	0.0309547	1890.89
8228.87	0.0337449	1890.91
8231.07	0.0316919	1890.92

8232.88	0.0272229	1890.93
8235.07	0.0321098	1890.95
8236.87	0.0296595	1890.96
8239.07	0.033084	1890.98
8241.3	0.0335154	1890.99
8243.07	0.0378691	1891
8245.27	0.0327534	1891.02
8247.47	0.0334043	1891.03
8249.31	0.0376851	1891.04
8251.47	0.0296576	1891.06
8253.27	0.0318027	1891.07
8255.47	0.0371677	1891.09
8257.67	0.0367967	1891.1
8259.47	0.0283603	1891.11
8261.67	0.0343008	1891.13
8263.87	0.0285408	1891.14
8265.71	0.033617	1891.15
8267.87	0.038823	1891.17
8269.66	0.0302213	1891.18
8271.86	0.0352662	1891.2
8274.07	0.0338638	1891.21
8275.86	0.0416192	1891.22
8278.07	0.0398064	1891.24
8280.27	0.0358484	1891.25
8282.09	0.0342396	1891.26
8284.26	0.0336541	1891.28
8286.06	0.0388525	1891.29
8288.27	0.0446686	1891.3
8290.51	0.0399732	1891.32
8292.26	0.0404191	1891.33
8294.46	0.0414534	1891.35
8296.67	0.0382576	1891.36
8298.48	0.0402983	1891.37
8300.66	0.0408029	1891.39
8302.99	0.0409564	1891.4
8304.66	0.0510569	1891.41
8307.08	0.048586	1891.43
8309.08	0.0420256	1891.44
8311.02	0.0411376	1891.46
8313.06	0.0436079	1891.48
8315	0.0438205	1891.51
8317.06	0.0425108	1891.53
8319.26	0.0476483	1891.55
8321.06	0.0456617	1891.57
8323.3	0.0477537	1891.6
8325.47	0.0484569	1891.62
8327.27	0.0418126	1891.64
8329.46	0.047345	1891.67
8331.43	0.0431921	1891.69

8333.46	0.0431269	1891.71
8335.66	0.0417781	1891.73
8337.46	0.0452083	1891.75
8339.71	0.0464566	1891.78
8341.87	0.0375215	1891.8
8343.67	0.04078	1891.82
8345.86	0.0392756	1891.85
8347.66	0.0388028	1891.87
8349.86	0.0394223	1891.89
8352.06	0.0372344	1891.92
8353.86	0.0390644	1891.94
8356.13	0.0378109	1891.96
8358.27	0.0406114	1891.99
8360.07	0.0357936	1892.01
8362.26	0.0346598	1892.03
8364.06	0.0367912	1892.05
8366.26	0.037645	1892.07
8368.46	0.042574	1892.1
8370.26	0.0313983	1892.12
8372.48	0.0381738	1892.14
8374.67	0.0320037	1892.17
8376.47	0.0284218	1892.19
8378.66	0.0354838	1892.21
8380.5	0.0389493	1892.23
8382.66	0.0291857	1892.26
8384.86	0.0312823	1892.28
8386.66	0.0297859	1892.3
8388.86	0.0297637	1892.32
8391.16	0.0276617	1892.35
8392.86	0.0304024	1892.37
8395.16	0.0288503	1892.39
8396.88	0.0304425	1892.41
8399.21	0.0252566	1892.44
8401.26	0.028927	1892.46
8403.18	0.0258224	1892.48
8405.26	0.027444	1892.51
8407.46	0.0282776	1892.53
8409.26	0.0295724	1892.55
8411.46	0.0228672	1892.57
8413.26	0.0307684	1892.59
8415.46	0.031217	1892.62
8417.66	0.0255145	1892.64
8419.46	0.0247508	1892.66
8421.69	0.0276079	1892.69
8423.86	0.0232477	1892.71
8425.66	0.0273108	1892.73
8427.86	0.0266963	1892.76
8430.1	0.0227061	1892.78
8431.86	0.0258577	1892.8

8434.06	0.0277432	1892.83
8436.26	0.0238836	1892.85
8438.07	0.0317867	1892.87
8440.26	0.02344	1892.89
8442.06	0.0231163	1892.91
8444.26	0.0261598	1892.94
8446.5	0.0223604	1892.96
8448.26	0.0259566	1892.98
8450.46	0.0231416	1893.01
8452.66	0.0199495	1893.03
8454.68	0.0223416	1893.05
8456.66	0.0208594	1893.08
8458.46	0.0199125	1893.1
8460.65	0.0243944	1893.12
8462.86	0.0228923	1893.14
8464.65	0.0204696	1893.16
8466.86	0.0220146	1893.19
8469.06	0.0244656	1893.21
8470.87	0.0204652	1893.23
8473.05	0.0250464	1893.26
8474.85	0.0245781	1893.28
8477.09	0.0233364	1893.3
8479.28	0.0215731	1893.33
8481.05	0.0241451	1893.35
8483.32	0.024995	1893.37
8485.46	0.0235681	1893.4
8487.36	0.0246408	1893.42
8489.45	0.0244616	1893.44
8491.31	0.0232092	1893.46
8493.45	0.0209211	1893.48
8495.65	0.0241876	1893.51
8497.45	0.0236763	1893.53
8499.66	0.025438	1893.55
8501.87	0.0227446	1893.58
8503.66	0.0212383	1893.6
8505.85	0.0243974	1893.62
8507.65	0.0245483	1893.64
8509.85	0.0221888	1893.67
8512.08	0.0266168	1893.69
8513.85	0.0244434	1893.71
8516.06	0.0232342	1893.73
8518.26	0.0294156	1893.76
8520.1	0.0191188	1893.78
8522.25	0.0275795	1893.8
8524.05	0.0261954	1893.82
8526.25	0.0270448	1893.85
8528.45	0.0250837	1893.87
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8532.45	0.0244221	1893.92

8534.66	0.0253598	1893.94
8536.5	0.0270063	1893.96
8538.65	0.0241608	1893.98
8540.45	0.0272848	1894
8542.65	0.0252912	1894.03
8544.85	0.0273321	1894.05
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8548.85	0.0244949	1894.1
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8552.86	0.0268672	1894.14
8555.05	0.0262294	1894.17
8556.85	0.0232306	1894.19
8559.05	0.028143	1894.21
8561.28	0.0262656	1894.24
8563.46	0.0351898	1894.26
8565.26	0.0296647	1894.28
8567.46	0.0240323	1894.3
8569.25	0.0261088	1894.32
8571.47	0.0246852	1894.35
8573.65	0.028378	1894.37
8575.47	0.0239226	1894.39
8577.66	0.0214927	1894.42
8579.86	0.0247008	1894.44
8581.65	0.0263854	1894.46
8583.85	0.020368	1894.49
8585.66	0.0226259	1894.51
8587.85	0.0181089	1894.53
8590.05	0.0204075	1894.55
8591.85	0.0258058	1894.57
8594.06	0.0188473	1894.6
8596.25	0.021241	1894.62
8598.06	0.0229232	1894.64
8600.25	0.0181801	1894.67
8602.08	0.0219282	1894.69
8604.25	0.021694	1894.71
8606.45	0.0229663	1894.74
8608.25	0.020455	1894.76
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8612.65	0.0216143	1894.8
8614.45	0.0218704	1894.82
8616.65	0.0195351	1894.85
8618.45	0.0243703	1894.87
8620.65	0.0194033	1894.89
8622.85	0.0167261	1894.92
8624.65	0.0187905	1894.94
8626.89	0.0200291	1894.96
8629.05	0.0176206	1894.99
8630.85	0.0179397	1895.01
8633.05	0.0172	1895.03

8634.97	0.0216185	1895.05
8637.05	0.0158006	1895.08
8639.25	0.0175294	1895.1
8641.05	0.016268	1895.12
8643.27	0.0197809	1895.14
8645.45	0.0180066	1895.17
8647.25	0.0172594	1895.19
8649.45	0.0190095	1895.21
8651.28	0.0182599	1895.23
8653.44	0.0210098	1895.26
8655.67	0.0164718	1895.28
8657.44	0.018727	1895.3
8659.7	0.0180734	1895.33
8661.85	0.0183216	1895.35
8663.75	0.0208775	1895.37
8665.95	0.0205458	1895.4
8667.77	0.016568	1895.42
8669.94	0.0205023	1895.44
8671.75	0.0171817	1895.46
8673.94	0.0177242	1895.48
8676.15	0.0212483	1895.51
8677.95	0.021737	1895.53
8680.14	0.0151376	1895.55
8682.35	0.0203843	1895.58
8684.16	0.0195298	1895.6
8686.35	0.0168732	1895.62
8688.15	0.0187255	1895.64
8690.34	0.0233178	1895.67
8692.57	0.018995	1895.69
8695.02	0.0211842	1895.72
8696.55	0.0190032	1895.74
8698.74	0.0216469	1895.76
8700.54	0.022548	1895.78
8702.74	0.0201324	1895.8
8704.95	0.0162648	1895.83
8706.75	0.0185683	1895.85
8708.94	0.0207858	1895.87
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8712.95	0.019458	1895.92
8715.14	0.0226069	1895.94
8716.95	0.0211953	1895.96
8719.14	0.0189816	1895.99
8721.34	0.0198588	1896.01
8723.14	0.0227585	1896.03
8725.35	0.0186207	1896.05
8727.77	0.0176966	1896.08
8729.35	0.0186505	1896.1
8731.78	0.0191506	1896.13
8733.76	0.0185142	1896.15

8735.79	0.0193845	1896.17
8737.74	0.0170564	1896.19
8739.95	0.0182762	1896.22
8741.79	0.0179194	1896.24
8743.94	0.0172408	1896.26
8745.74	0.0200714	1896.28
8747.98	0.0201037	1896.31
8750.14	0.0190721	1896.33
8751.95	0.0190038	1896.35
8754.14	0.0168982	1896.37
8756.35	0.017038	1896.4
8758.15	0.0178376	1896.42
8760.34	0.0147235	1896.44
8762.14	0.0144624	1896.46
8764.34	0.0180368	1896.49
8766.54	0.0184629	1896.51
8768.34	0.0136067	1896.53
8770.54	0.0211318	1896.56
8772.74	0.01633	1896.58
8774.55	0.0159612	1896.6
8776.74	0.0219663	1896.62
8778.54	0.0225628	1896.64
8780.74	0.0204621	1896.67
8782.97	0.0173477	1896.69
8784.74	0.0138071	1896.71
8786.94	0.0224087	1896.74
8789.14	0.0187512	1896.76
8790.99	0.0185703	1896.78
8793.14	0.0209762	1896.81
8794.94	0.0177629	1896.83
8797.14	0.0206985	1896.85
8799.34	0.0216656	1896.87
8801.14	0.0202376	1896.89
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8805.54	0.0200405	1896.94
8807.36	0.0223548	1896.96
8809.54	0.0189282	1896.99
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8813.54	0.0190763	1897.03
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8817.54	0.0179972	1897.08
8819.95	0.01916	1897.1
8821.94	0.0223336	1897.12
8823.94	0.0191754	1897.15
8825.94	0.017711	1897.17
8827.92	0.0195835	1897.19
8829.94	0.0192207	1897.21
8832.18	0.0233818	1897.24
8833.94	0.0208667	1897.26

8836.14	0.0182048	1897.28
8838.34	0.0222635	1897.31
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8842.34	0.0202362	1897.35
8844.15	0.0191154	1897.37
8846.33	0.0202877	1897.4
8848.54	0.0184757	1897.42
8850.33	0.0195374	1897.44
8852.54	0.0187531	1897.46
8854.74	0.0186796	1897.49
8856.55	0.0196315	1897.51
8858.73	0.0189006	1897.53
8860.53	0.0255159	1897.55
8862.73	0.0216134	1897.58
8864.94	0.0205045	1897.6
8866.73	0.0214164	1897.62
8868.94	0.0206849	1897.65
8871.14	0.0243312	1897.67
8872.97	0.0235183	1897.69
8875.32	0.0197296	1897.72
8876.95	0.0253451	1897.73
8879.13	0.0232802	1897.76
8881.34	0.021159	1897.78
8883.54	0.0236487	1897.81
8885.34	0.0184603	1897.83
8887.53	0.0226227	1897.85
8889.74	0.0207921	1897.88
8891.53	0.0226696	1897.9
8893.74	0.0209402	1897.92
8895.54	0.0252107	1897.94
8897.75	0.0216774	1897.97
8900.04	0.0237384	1897.99
8901.74	0.0251485	1898.01
8904.06	0.0213809	1898.04
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8910.13	0.0222237	1898.1
8912.07	0.0261082	1898.12
8914.15	0.0238075	1898.15
8916.34	0.0227077	1898.17
8918.14	0.0254322	1898.19
8920.33	0.0226191	1898.22
8922.57	0.0251116	1898.24
8924.33	0.0241058	1898.26
8926.53	0.0217589	1898.28
8928.33	0.0219376	1898.3
8930.53	0.0303654	1898.33
8932.74	0.0219727	1898.35
8934.54	0.029423	1898.37

8936.73	0.0235653	1898.4
8938.94	0.0194521	1898.42
8940.73	0.0231024	1898.44
8942.93	0.0250414	1898.47
8945.14	0.0188561	1898.49
8946.94	0.0259189	1898.51
8949.13	0.0240522	1898.53
8951.33	0.0220811	1898.56
8953.14	0.0224183	1898.58
8955.33	0.0220501	1898.6
8957.13	0.0243366	1898.62
8959.33	0.0245005	1898.65
8961.54	0.0211642	1898.67
8963.34	0.0231973	1898.69
8965.53	0.0166639	1898.72
8967.73	0.0221784	1898.74
8969.53	0.0200224	1898.76
8971.76	0.0209002	1898.79
8973.53	0.0221464	1898.81
8975.73	0.0222444	1898.83
8977.93	0.0210339	1898.85
8979.74	0.0226388	1898.87
8981.93	0.0247978	1898.9
8984.17	0.0176616	1898.92
8985.93	0.0243563	1898.94
8988.27	0.0218263	1898.97
8990.02	0.0202145	1898.99
8992.22	0.0169523	1899.01
8994.33	0.0208385	1899.04
8996.22	0.0162722	1899.06
8998.34	0.0168113	1899.08
9000.53	0.0215491	1899.1
9002.33	0.0172425	1899.12
9004.53	0.0197513	1899.15
9006.33	0.0195439	1899.17
9008.53	0.0170162	1899.19
9010.73	0.0195958	1899.22
9012.57	0.018617	1899.24
9014.73	0.0148156	1899.26
9016.93	0.0189351	1899.29
9018.73	0.0165285	1899.31
9020.93	0.0177393	1899.33
9022.73	0.0171074	1899.35
9024.93	0.0244489	1899.38
9027.16	0.016908	1899.4
9028.94	0.0191645	1899.42
9031.13	0.0200607	1899.44
9033.32	0.0180422	1899.47
9035.12	0.0173986	1899.49

9037.32	0.0191356	1899.51
9039.12	0.0189407	1899.53
9041.32	0.0164312	1899.56
9043.53	0.0201904	1899.58
9045.33	0.0168398	1899.6
9047.53	0.0147736	1899.63
9049.72	0.0178487	1899.65
9051.52	0.018541	1899.67
9053.74	0.0188856	1899.69
9055.63	0.0197954	1899.72
9057.72	0.0171341	1899.74
9059.93	0.0173234	1899.76
9061.77	0.0195431	1899.78
9063.93	0.0188601	1899.81
9066.12	0.0181527	1899.83
9067.92	0.0175647	1899.85
9070.12	0.0169129	1899.88
9071.92	0.0185721	1899.9
9074.12	0.0209941	1899.92
9076.37	0.0217028	1899.95
9078.55	0.0203364	1899.97
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9088.72	0.0165298	1900.08
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9092.72	0.0208456	1900.13
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9096.73	0.018056	1900.17
9098.92	0.0173233	1900.2
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9105.12	0.0223848	1900.26
9106.92	0.0251807	1900.28
9109.12	0.0190541	1900.31
9111.33	0.0175087	1900.33
9113.13	0.019634	1900.35
9115.32	0.02287	1900.38
9117.12	0.0183609	1900.4
9119.32	0.0249871	1900.42
9121.52	0.0195329	1900.45
9123.32	0.020492	1900.47
9125.52	0.019971	1900.49
9127.73	0.0239019	1900.51
9129.53	0.020158	1900.53
9131.72	0.019802	1900.56
9133.52	0.0202273	1900.58
9135.72	0.0226696	1900.6

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9139.72	0.0180174	1900.65
9141.92	0.0209918	1900.67
9144.15	0.0187722	1900.7
9145.93	0.0257103	1900.72
9148.12	0.0237312	1900.74
9149.92	0.0205392	1900.76
9152.16	0.0200956	1900.79
9154.32	0.0199253	1900.81
9156.12	0.0174031	1900.83
9158.32	0.0196515	1900.85
9160.53	0.0168021	1900.88
9162.32	0.015412	1900.9
9164.53	0.0229709	1900.92
9166.32	0.0165336	1900.94
9168.56	0.020056	1900.97
9170.72	0.0163753	1900.99
9172.52	0.0184794	1901.01
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9176.93	0.0143078	1901.06
9178.72	0.0160375	1901.08
9180.92	0.0189334	1901.1
9182.72	0.0127686	1901.12
9184.92	0.0169672	1901.15
9187.12	0.0205022	1901.17
9188.92	0.0183027	1901.19
9191.12	0.0166094	1901.22
9193.35	0.0141292	1901.24
9195.12	0.0144996	1901.26
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9201.32	0.0137087	1901.33
9203.52	0.0146173	1901.35
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9207.53	0.0148086	1901.4
9209.72	0.0167654	1901.42
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9213.71	0.017025	1901.47
9215.92	0.0160676	1901.49
9217.75	0.0173006	1901.52
9219.91	0.0152392	1901.54
9222.12	0.0175551	1901.57
9223.92	0.0151858	1901.59
9226.12	0.0190345	1901.61
9227.92	0.0169965	1901.63
9230.11	0.0152828	1901.66
9232.57	0.0170636	1901.69
9234.13	0.0135615	1901.71
9236.56	0.014333	1901.73

9238.52	0.0191334	1901.76
9240.57	0.0154335	1901.78
9242.55	0.0167887	1901.8
9244.31	0.0154394	1901.82
9246.51	0.0204436	1901.85
9248.71	0.0163076	1901.88
9250.51	0.0165267	1901.9
9252.72	0.016721	1901.92
9254.92	0.0142882	1901.95
9256.72	0.0182049	1901.97
9258.93	0.019412	1901.99
9260.71	0.0140492	1902.01
9262.91	0.0191037	1902.04
9265.11	0.0163471	1902.07
9266.91	0.018372	1902.09
9269.12	0.0174152	1902.11
9271.32	0.0187098	1902.14
9273.12	0.0181213	1902.16
9275.32	0.0158578	1902.18
9277.12	0.0214193	1902.21
9279.31	0.0169053	1902.23
9281.51	0.0139662	1902.26
9283.34	0.0200346	1902.28
9285.51	0.0203309	1902.3
9287.72	0.020064	1902.33
9289.52	0.0214699	1902.35
9291.71	0.022448	1902.38
9293.51	0.019448	1902.4
9295.97	0.018854	1902.42
9297.91	0.0188861	1902.45
9299.72	0.0220509	1902.47
9301.91	0.0199403	1902.49
9304.12	0.0209521	1902.52
9305.92	0.0241598	1902.54
9308.14	0.0241346	1902.58
9309.91	0.0238393	1902.61
9312.11	0.0222064	1902.64
9314.31	0.0224673	1902.68
9316.11	0.0237264	1902.7
9318.32	0.0224329	1902.74
9320.73	0.02029	1902.78
9322.32	0.0201681	1902.8
9324.74	0.0215392	1902.84
9326.31	0.0210881	1902.86
9328.75	0.0161562	1902.9
9330.71	0.022308	1902.93
9332.8	0.0170947	1902.96
9334.72	0.0218095	1902.99
9336.92	0.0211252	1903.03

9338.72	0.0194055	1903.06
9340.94	0.0222748	1903.09
9343.11	0.0199508	1903.12
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9347.11	0.0206197	1903.19
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9353.31	0.0165758	1903.28
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9357.31	0.0163321	1903.35
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9361.31	0.0165426	1903.41
9363.51	0.0167153	1903.44
9365.72	0.0141873	1903.48
9367.51	0.0126066	1903.51
9369.71	0.0152622	1903.54
9371.51	0.0152647	1903.57
9373.71	0.018264	1903.6
9375.91	0.0140891	1903.64
9377.71	0.0160929	1903.66
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9392.31	0.0152909	1903.89
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9396.31	0.0135595	1903.95
9398.54	0.0175915	1903.99
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9406.51	0.0175531	1904.11
9408.78	0.0135725	1904.15
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9412.78	0.0157714	1904.21
9414.93	0.0189073	1904.24
9416.78	0.0152283	1904.27
9418.9	0.0183884	1904.31
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9422.94	0.0167984	1904.37
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9429.12	0.0210461	1904.47
9431.32	0.015648	1904.5
9433.11	0.0225992	1904.53
9435.3	0.0254655	1904.56
9437.1	0.0194166	1904.59

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9443.3	0.0205857	1904.69
9445.51	0.0211767	1904.72
9447.73	0.0287135	1904.76
9449.51	0.0204412	1904.78
9451.7	0.0232983	1904.82
9453.51	0.0228078	1904.85
9455.71	0.0261329	1904.88
9457.9	0.0231199	1904.91
9459.71	0.0210856	1904.94
9461.9	0.0218471	1904.98
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9465.91	0.021981	1905.05
9468.1	0.0270939	1905.09
9470.3	0.0248933	1905.14
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9474.3	0.0215381	1905.22
9476.51	0.0222687	1905.27
9478.31	0.0240678	1905.3
9480.51	0.0249186	1905.35
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9484.5	0.0249674	1905.43
9486.7	0.0219521	1905.48
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9490.7	0.0249502	1905.56
9492.95	0.0222215	1905.61
9494.71	0.0222367	1905.64
9496.93	0.0254317	1905.69
9498.71	0.0203639	1905.72
9500.96	0.0230981	1905.77
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9505	0.0208022	1905.85
9507.1	0.0202487	1905.9
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9523.5	0.0177544	1906.23
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9527.5	0.0160532	1906.32
9529.72	0.0169383	1906.36
9531.5	0.0146706	1906.4
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9535.9	0.0177378	1906.49
9537.7	0.0162977	1906.53

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9585.1	0.0176883	1907.5
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9593.11	0.0214492	1907.67
9595.31	0.0230763	1907.71
9597.11	0.0238682	1907.75
9599.29	0.0203654	1907.79
9601.49	0.0227974	1907.84
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9625.9	0.0163527	1908.34
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9636.51	0.0196664	1908.56
9638.3	0.0141587	1908.6

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9644.52	0.0193216	1908.73
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9650.69	0.0171932	1908.85
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9654.7	0.0172842	1908.93
9656.89	0.0222694	1908.98
9658.69	0.0198583	1909.02
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9673.29	0.0172085	1909.32
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9683.49	0.0191201	1909.53
9685.7	0.0226444	1909.57
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9689.69	0.0203778	1909.66
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9693.69	0.0226089	1909.74
9695.89	0.0207687	1909.78
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9862.09	0.025046	1912.92
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9894.88	0.0231937	1913.51
9896.68	0.0228614	1913.53
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9948.08	0.0227615	1914.06
9950.3	0.0192938	1914.08
9952.08	0.0226676	1914.1
9954.28	0.022453	1914.12
9956.48	0.0193486	1914.14
9958.33	0.022173	1914.16
9960.48	0.0178052	1914.18
9962.28	0.0169284	1914.2
9964.48	0.0217323	1914.22
9966.68	0.0213808	1914.25
9968.48	0.0219436	1914.27
9970.68	0.0211603	1914.29
9972.88	0.0222715	1914.31
9974.72	0.0233657	1914.33
9976.87	0.0223359	1914.35
9978.69	0.0241787	1914.37
9980.87	0.0193523	1914.39
9983.08	0.0216266	1914.42
9984.88	0.0252105	1914.43
9987.08	0.0207295	1914.46
9989.28	0.0183276	1914.48
9991.09	0.0207025	1914.5
9993.27	0.0210179	1914.52
9995.47	0.02096	1914.54
9997.27	0.020159	1914.56
9999.5	0.018213	1914.58
10001.8	0.0232145	1914.61
10003.5	0.0234176	1914.63
10005.7	0.02001	1914.65
10007.5	0.0179969	1914.67
10009.8	0.0193564	1914.69
10011.9	0.0207728	1914.71
10013.8	0.0181661	1914.73
10015.9	0.0228421	1914.75
10018.1	0.0232815	1914.78
10019.9	0.0197101	1914.79
10022.1	0.0201007	1914.82
10023.9	0.0160095	1914.83
10026.1	0.0170896	1914.86
10028.3	0.0191217	1914.88
10030.1	0.0215026	1914.9
10032.3	0.0173646	1914.92
10034.5	0.0187453	1914.94
10036.3	0.0178657	1914.96
10038.5	0.0157834	1914.98
10040.3	0.0179571	1915

10042.5	0.0160636	1915.03
10044.7	0.0177924	1915.05
10046.5	0.0188679	1915.07
10048.7	0.0163054	1915.09
10050.9	0.0173321	1915.11
10052.7	0.0185558	1915.13
10054.9	0.0191112	1915.15
10056.7	0.017924	1915.17
10058.9	0.0198033	1915.19
10061.1	0.0211473	1915.22
10062.9	0.0151281	1915.24
10065.1	0.0205552	1915.26
10067.3	0.0197801	1915.28
10069.1	0.0182441	1915.3
10071.3	0.0212068	1915.32
10073.1	0.0170046	1915.34
10075.3	0.0190035	1915.36
10077.5	0.0236054	1915.39
10079.3	0.0240352	1915.4
10081.5	0.0189363	1915.43
10083.7	0.0244533	1915.45
10085.5	0.0243611	1915.47
10087.7	0.0211581	1915.49
10089.5	0.0269036	1915.51
10091.7	0.0263542	1915.53
10093.9	0.0239196	1915.55
10095.7	0.0273981	1915.57
10097.9	0.0249827	1915.6
10100.1	0.0246261	1915.62
10101.9	0.0276578	1915.64
10104.1	0.0256985	1915.66
10105.9	0.0248467	1915.68
10108.1	0.0279721	1915.7
10110.3	0.0284832	1915.72
10112.1	0.0265263	1915.74
10114.3	0.0281555	1915.77
10116.5	0.0249472	1915.79
10118.3	0.0262524	1915.82
10120.5	0.0211683	1915.84
10122.3	0.0303415	1915.86
10124.5	0.0239229	1915.89
10126.7	0.0251711	1915.92
10128.9	0.0244164	1915.94
10130.7	0.02592	1915.96
10132.9	0.0363255	1915.99
10134.7	0.0224185	1916.01
10136.9	0.0235839	1916.04
10139.1	0.0274549	1916.06
10140.9	0.0235787	1916.09

10143.1	0.0235274	1916.11
10145.3	0.0222896	1916.14
10147.1	0.0219879	1916.16
10149.3	0.0196662	1916.19
10151.1	0.0230915	1916.21
10153.3	0.0248889	1916.23
10155.5	0.0235822	1916.26
10157.3	0.0218779	1916.28
10159.5	0.0198971	1916.31
10161.7	0.0241101	1916.33
10163.5	0.0205944	1916.36
10165.7	0.0215707	1916.38
10167.5	0.0240673	1916.4
10169.7	0.0236679	1916.43
10171.9	0.0199354	1916.46
10173.7	0.024626	1916.48
10175.9	0.0197676	1916.5
10178.1	0.0215011	1916.53
10179.9	0.0215497	1916.55
10182.1	0.0221689	1916.58
10183.9	0.0235655	1916.6
10186.1	0.0230351	1916.63
10188.3	0.0254563	1916.65
10190.1	0.023446	1916.67
10192.3	0.025253	1916.7
10194.5	0.0224598	1916.73
10196.3	0.0215921	1916.75
10198.5	0.0206169	1916.77
10200.3	0.0253321	1916.79
10202.5	0.023048	1916.82
10204.7	0.0179645	1916.85
10206.5	0.0225572	1916.87
10208.7	0.0250709	1916.9
10210.9	0.0220477	1916.92
10212.7	0.0201693	1916.94
10214.9	0.0222697	1916.97
10216.7	0.0212751	1916.99
10218.9	0.020385	1917.02
10221.1	0.0225484	1917.04
10222.9	0.0220609	1917.06
10225.1	0.024658	1917.09
10227.4	0.0223608	1917.12
10229.1	0.0229385	1917.14
10231.3	0.0204317	1917.16
10233.1	0.0208455	1917.19
10235.3	0.0180972	1917.21
10237.5	0.0197432	1917.24
10239.3	0.0209919	1917.26
10241.5	0.0199778	1917.29

10243.7	0.0172508	1917.31
10245.5	0.0199131	1917.33
10247.7	0.02296	1917.36
10249.5	0.0166659	1917.38
10251.7	0.0208811	1917.41
10253.9	0.0188429	1917.43
10256.1	0.0205135	1917.46
10257.9	0.0188376	1917.48
10260.1	0.0192098	1917.51
10261.9	0.0180658	1917.53
10264.1	0.0184574	1917.56
10266.3	0.0189342	1917.58
10268.1	0.0195001	1917.6
10270.3	0.0180116	1917.63
10272.5	0.018792	1917.66
10274.3	0.016013	1917.68
10276.5	0.017801	1917.7
10278.3	0.0190787	1917.73
10280.5	0.0198963	1917.75
10282.7	0.0164726	1917.78
10284.5	0.0161885	1917.8
10286.7	0.0178653	1917.83
10288.9	0.0180591	1917.85
10290.7	0.0206146	1917.87
10292.9	0.0209462	1917.9
10294.7	0.0200184	1917.92
10296.9	0.0197666	1917.95
10299.1	0.0199713	1917.97
10300.9	0.01896	1918
10303.1	0.0176604	1918.02
10305.3	0.0220736	1918.05
10307.1	0.0210564	1918.07
10309.3	0.019801	1918.1
10311.1	0.019637	1918.12
10313.3	0.0208668	1918.14
10315.5	0.021833	1918.17
10317.3	0.0235205	1918.19
10319.5	0.0215358	1918.22
10321.7	0.02214	1918.24
10323.5	0.0227496	1918.27
10325.7	0.0197352	1918.29
10327.5	0.0256927	1918.31
10329.7	0.0241324	1918.34
10331.9	0.0253804	1918.37
10333.7	0.0233416	1918.39
10335.9	0.026258	1918.41
10338.1	0.0249857	1918.44
10339.9	0.0249089	1918.46
10342.1	0.0236238	1918.49

10343.9	0.0258347	1918.51
10346.1	0.0216699	1918.54
10348.2	0.0217875	1918.56
10350	0.0261448	1918.58
10352.3	0.0232742	1918.61
10354.5	0.0246549	1918.64
10356.3	0.0236553	1918.66
10358.5	0.00925141	1918.68
10360.3	0.0199908	1918.71
10362.5	0.0174655	1918.73
10364.6	0.0221354	1918.76
10366.5	0.0165328	1918.78
10368.7	0.0220503	1918.81
10370.9	0.0192287	1918.83
10372.7	0.0239209	1918.85
10374.9	0.0204353	1918.88
10376.7	0.0218977	1918.9
10378.9	0.0219397	1918.93
10381	0.0248734	1918.95
10382.9	0.0194786	1918.98
10385.1	0.022993	1919
10387.3	0.0183902	1919.03
10389.1	0.0216655	1919.05
10391.2	0.0220433	1919.07
10393.5	0.0262323	1919.1
10395.2	0.0219337	1919.12
10397.5	0.0168482	1919.15
10399.7	0.0221742	1919.18
10401.5	0.0205939	1919.2
10403.6	0.0178457	1919.22
10405.5	0.0234566	1919.25
10407.7	0.0263881	1919.27
10409.9	0.0233636	1919.3
10411.6	0.0229716	1919.32
10413.9	0.0265195	1919.35
10416.1	0.0213881	1919.37
10417.9	0.0229722	1919.39
10420	0.025003	1919.42
10421.9	0.0214903	1919.44
10424	0.0257601	1919.47
10426.5	0.0216646	1919.5
10428	0.025552	1919.51
10430.4	0.0234155	1919.54
10432.5	0.0250737	1919.57
10434.4	0.0238401	1919.59
10436.5	0.0226718	1919.62
10438.3	0.0176446	1919.64
10440.5	0.0218035	1919.66
10442.6	0.0227247	1919.69

10444.5	0.0241551	1919.71
10446.7	0.0231853	1919.74
10448.9	0.0201659	1919.76
10450.7	0.0214016	1919.79
10452.9	0.0256789	1919.81
10454.6	0.0186385	1919.83
10456.9	0.0216161	1919.86
10459.1	0.0219758	1919.89
10460.9	0.0211456	1919.91
10463	0.0180308	1919.93
10465.2	0.0163651	1919.96
10467.1	0.0172913	1919.98
10469.2	0.018344	1920.01
10471	0.020878	1920.03
10473.2	0.0163012	1920.05
10475.5	0.0164679	1920.08
10477.2	0.0157446	1920.1
10479.5	0.015887	1920.13
10481.6	0.0152146	1920.15
10483.5	0.0176926	1920.18
10485.6	0.0176407	1920.2
10487.5	0.0187476	1920.23
10489.6	0.0165735	1920.25
10491.9	0.0165663	1920.28
10493.6	0.0207481	1920.3
10495.9	0.0208028	1920.33
10498	0.0201182	1920.35
10499.9	0.0188914	1920.37
10502	0.0192509	1920.4
10503.9	0.0172439	1920.42
10506	0.0182561	1920.45
10508.2	0.0174192	1920.47
10510	0.0219324	1920.49
10512.2	0.0209524	1920.52
10514.5	0.0188973	1920.55
10516.3	0.0192676	1920.57
10518.6	0.0188204	1920.6
10520.6	0.0239906	1920.63
10522.6	0.0200347	1920.65
10524.7	0.021028	1920.68
10526.9	0.0196655	1920.71
10528.6	0.023142	1920.73
10530.9	0.0202702	1920.76
10532.6	0.0206893	1920.78
10534.9	0.0205961	1920.81
10537	0.017678	1920.83
10538.9	0.0205374	1920.86
10541.1	0.0169461	1920.88
10543.2	0.0203208	1920.91

10545	0.0179158	1920.93
10547.2	0.017723	1920.96
10549.1	0.0174561	1920.98
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10553.4	0.0198496	1921.04
10555.2	0.0177771	1921.06
10557.5	0.0156692	1921.09
10559.7	0.0159776	1921.12
10561.5	0.0173698	1921.14
10563.6	0.0172929	1921.16
10565.5	0.0183065	1921.19
10567.6	0.0177545	1921.21
10569.8	0.0165291	1921.24
10571.6	0.0196596	1921.26
10573.9	0.0177274	1921.29
10576	0.021074	1921.32
10577.9	0.0194921	1921.34
10580	0.0181855	1921.37
10581.9	0.0155686	1921.39
10584	0.0197399	1921.42
10586.2	0.0174876	1921.45
10588	0.0209835	1921.47
10590.3	0.0197962	1921.5
10592.5	0.0198149	1921.53
10594.2	0.0170581	1921.55
10596.4	0.0183147	1921.57
10598.2	0.0207148	1921.6
10600.4	0.0200996	1921.62
10602.7	0.0202414	1921.65
10604.4	0.0205069	1921.67
10606.7	0.0234453	1921.7
10608.9	0.0227705	1921.73
10610.7	0.0236056	1921.75
10612.8	0.0255577	1921.78
10614.8	0.0251008	1921.8
10616.9	0.0247724	1921.83
10619	0.0226552	1921.86
10620.8	0.0245759	1921.88
10623	0.0255499	1921.91
10625.2	0.0230168	1921.93
10627	0.0221034	1921.96
10629.2	0.0256681	1921.98
10631.1	0.0237147	1922.01
10633.2	0.0212821	1922.03
10635.4	0.0224746	1922.06
10637.2	0.0265559	1922.08
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10641.6	0.0309865	1922.14
10643.5	0.0235889	1922.16

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10647.5	0.0255762	1922.21
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10651.8	0.023485	1922.27
10654	0.0214355	1922.29
10655.9	0.0216968	1922.32
10658	0.0207076	1922.34
10659.8	0.0206149	1922.37
10662	0.0207791	1922.39
10664.2	0.0215528	1922.42
10666	0.0199872	1922.44
10668.2	0.0216191	1922.47
10670.4	0.0179993	1922.5
10672.2	0.0217959	1922.52
10674.4	0.0200036	1922.55
10676.2	0.0197553	1922.57
10678.4	0.0182169	1922.6
10680.6	0.018681	1922.63
10682.4	0.019839	1922.65
10684.6	0.0184252	1922.68
10686.9	0.021252	1922.71
10688.7	0.0184796	1922.73
10690.8	0.0183656	1922.75
10692.6	0.0205508	1922.78
10694.9	0.0153943	1922.81
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10698.9	0.018516	1922.86
10701	0.0186034	1922.88
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10715.2	0.0163997	1923.06
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10721.5	0.0192418	1923.14
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10725.4	0.0191882	1923.19
10727.6	0.0219663	1923.21
10729.9	0.0197383	1923.24
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10737.9	0.021618	1923.34
10740	0.0183308	1923.37
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10744	0.0237588	1923.42

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10766.6	0.0223118	1923.7
10768.8	0.0222265	1923.73
10770.7	0.0201373	1923.75
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10815.8	0.0205843	1924.32
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10819.9	0.0181761	1924.37
10822	0.0179296	1924.39
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10826	0.0165208	1924.44
10828.4	0.0165032	1924.47
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10832.2	0.0165577	1924.52
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10836.3	0.0168126	1924.57
10838.4	0.0169018	1924.6
10840.6	0.0217622	1924.63
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10844.6	0.018273	1924.68

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10854.8	0.0193229	1924.8
10857	0.0233881	1924.83
10858.8	0.0234052	1924.85
10861	0.0193337	1924.88
10863.2	0.0202512	1924.91
10865	0.0201749	1924.93
10867.2	0.0211451	1924.96
10869.1	0.0206912	1924.98
10871.2	0.0209718	1925.01
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10877.5	0.0212962	1925.09
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10885.5	0.0221793	1925.19
10887.6	0.0202155	1925.21
10889.8	0.0215275	1925.24
10891.6	0.0192138	1925.26
10893.8	0.0237438	1925.29
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10897.8	0.0207313	1925.34
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10901.8	0.0364659	1925.39
10904	0.0179091	1925.42
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10912.4	0.0175359	1925.52
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10916.5	0.0182251	1925.57
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10922.7	0.0204698	1925.65
10924.5	0.0193101	1925.67
10926.7	0.0181571	1925.7
10928.9	0.018404	1925.73
10930.7	0.0200526	1925.75
10932.9	0.0214166	1925.78
10934.8	0.0177772	1925.8
10936.9	0.0163234	1925.83
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10941	0.0149916	1925.88
10943.3	0.0179179	1925.91
10945.3	0.0167561	1925.93

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10957.3	0.017499	1926.08
10959.6	0.0162823	1926.11
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10963.5	0.0166702	1926.16
10965.7	0.0172696	1926.19
10967.5	0.0148368	1926.21
10969.7	0.0151056	1926.24
10971.9	0.0165001	1926.27
10973.7	0.0175189	1926.29
10976	0.0126822	1926.32
10978.1	0.0165798	1926.34
10979.9	0.0204109	1926.37
10982.1	0.0158224	1926.39
10983.9	0.016684	1926.42
10986.1	0.0164994	1926.44
10988.3	0.0138599	1926.47
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10992.3	0.0140429	1926.52
10994.5	0.0144532	1926.55
10996.3	0.0146908	1926.57
10998.5	0.0165478	1926.6
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11002.5	0.0149296	1926.65
11004.7	0.0152805	1926.68
11006.5	0.0130878	1926.7
11008.7	0.0169684	1926.73
11010.9	0.0154285	1926.75
11012.7	0.0158868	1926.78
11014.9	0.0142274	1926.8
11016.7	0.0164948	1926.83
11018.9	0.0139679	1926.85
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11022.9	0.014597	1926.9
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11027.4	0.0153891	1926.96
11029.1	0.0152449	1926.98
11031.4	0.0153785	1927.01
11033.1	0.0163063	1927.03
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11037.5	0.0151313	1927.09
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11041.5	0.0170817	1927.14
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11045.5	0.0150828	1927.19

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11051.8	0.0176189	1927.27
11054	0.0187546	1927.29
11055.8	0.0147257	1927.32
11058	0.0172015	1927.34
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11062	0.0183458	1927.39
11064.2	0.0217505	1927.42
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11068.2	0.0192556	1927.47
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11074.4	0.0173234	1927.55
11076.6	0.0201315	1927.58
11078.4	0.0150156	1927.6
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11082.8	0.0181851	1927.65
11084.6	0.0178775	1927.68
11086.8	0.0232604	1927.7
11088.6	0.0187859	1927.73
11090.8	0.0170827	1927.75
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11105	0.0232487	1927.93
11107.2	0.017195	1927.96
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11129.8	0.0239322	1928.24
11132	0.0211448	1928.27
11133.8	0.01977	1928.29
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11137.8	0.0205516	1928.34
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11142.2	0.0220899	1928.4
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11146.2	0.0212122	1928.45

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11154.2	0.0221331	1928.55
11156.5	0.0247677	1928.57
11158.6	0.0194283	1928.6
11160.4	0.0189847	1928.62
11162.6	0.0183318	1928.65
11164.8	0.018618	1928.68
11166.6	0.0171771	1928.7
11168.8	0.0204688	1928.73
11170.6	0.0203667	1928.75
11172.8	0.0180895	1928.78
11175	0.0163041	1928.81
11176.8	0.0166024	1928.83
11179	0.0162201	1928.86
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11183	0.0148212	1928.91
11185.2	0.0159647	1928.93
11187.6	0.0148643	1928.96
11189.3	0.0135934	1928.98
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11195.4	0.0158453	1929.06
11197.6	0.0127825	1929.09
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11215.8	0.0160482	1929.27
11218	0.0164243	1929.29
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11224.2	0.0160456	1929.35
11226.4	0.0157843	1929.37
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11238.4	0.0209103	1929.48
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11242.8	0.0173969	1929.52
11244.6	0.0196969	1929.54
11246.8	0.019698	1929.56

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11250.8	0.0198581	1929.6
11253	0.0196769	1929.62
11254.8	0.0172124	1929.63
11257	0.022167	1929.65
11259.2	0.0177035	1929.67
11261	0.0175228	1929.69
11263.2	0.0190876	1929.71
11265	0.0180196	1929.73
11267.2	0.0167512	1929.75
11269.4	0.0171409	1929.77
11271.2	0.0184208	1929.79
11273.4	0.0183975	1929.81
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11277.4	0.0234947	1929.84
11279.8	0.018355	1929.87
11281.4	0.0191669	1929.88
11283.8	0.0203195	1929.9
11285.8	0.0203255	1929.92
11287.8	0.0205717	1929.94
11289.8	0.0170289	1929.96
11292	0.0230185	1929.98
11293.8	0.0254006	1930
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11318.6	0.0219822	1930.23
11320.9	0.0236916	1930.25
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11326.6	0.0254684	1930.3
11328.8	0.0211965	1930.33
11331	0.0218466	1930.35
11332.8	0.0229628	1930.36
11335	0.0191305	1930.38
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11339.2	0.0209171	1930.42
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11343	0.0180591	1930.46
11345.2	0.019211	1930.48
11347.4	0.0190413	1930.5

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11355.4	0.0223106	1930.57
11357.6	0.0197347	1930.59
11359.4	0.0214554	1930.61
11361.6	0.0196497	1930.63
11363.9	0.0188904	1930.65
11365.6	0.0217542	1930.67
11367.9	0.0184652	1930.69
11370	0.0223531	1930.71
11372	0.0196645	1930.73
11374	0.0215569	1930.75
11375.9	0.0199018	1930.77
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11443.6	0.0223246	1931.4
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11476.4	0.0136134	1931.71
11478.6	0.0148371	1931.73
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11486.6	0.0137759	1931.8
11488.8	0.0137596	1931.82
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11566.8	0.0171164	1932.55
11569	0.0155819	1932.57
11570.8	0.0155719	1932.59
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11663	0.0141732	1933.45
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11669.2	0.0138784	1933.51
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11673.6	0.0149766	1933.55
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11685.6	0.0138496	1933.66
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11695.8	0.0151493	1933.76
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11714.4	0.0171458	1933.93
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11778.2	0.0115108	1934.55
11780	0.0132593	1934.58
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11788.6	0.0144699	1934.7
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11794.6	0.0118915	1934.79
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11802.6	0.0137762	1934.9
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11806.6	0.014046	1934.96
11808.8	0.0156873	1934.99
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11843.8	0.0193453	1935.5
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11847.8	0.0226089	1935.55
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11876.7	0.0160835	1935.97
11878.8	0.0170014	1936
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11948.4	0.0189415	1937
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11981.2	0.0219171	1937.47
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12010	0.0170819	1937.88
12011.8	0.0173167	1937.91
12014	0.0181263	1937.94
12016.2	0.0200069	1937.97
12018	0.0169761	1938
12020.2	0.0173518	1938.03
12022.4	0.0154978	1938.06
12024.2	0.0178853	1938.09
12026.4	0.0143682	1938.12
12028.2	0.0203803	1938.14
12030.4	0.0147113	1938.18
12032.6	0.0154481	1938.21
12034.4	0.0149382	1938.23
12036.6	0.0197216	1938.26
12038.8	0.016887	1938.3
12040.6	0.0163697	1938.32
12042.8	0.0159263	1938.35
12044.6	0.0179493	1938.38
12046.8	0.0171581	1938.41
12049	0.0172859	1938.44
12050.8	0.0134923	1938.47

12053	0.0167598	1938.5
12055.2	0.0162287	1938.53
12057	0.0174128	1938.56
12059.2	0.0174086	1938.59
12061.1	0.0136261	1938.62
12063.2	0.0154341	1938.65
12065.4	0.0162524	1938.68
12067.2	0.0174755	1938.7
12069.4	0.0184211	1938.74
12071.6	0.0187964	1938.77
12073.4	0.0197449	1938.79
12075.6	0.0198167	1938.82
12077.4	0.0190253	1938.85
12079.6	0.0198573	1938.88
12081.8	0.0215142	1938.91
12083.6	0.0228447	1938.94
12085.8	0.0190975	1938.97
12088	0.0261171	1939
12089.8	0.0217024	1939.03
12092	0.0207076	1939.06
12094.2	0.0231691	1939.09
12096	0.023632	1939.12
12098.2	0.0219307	1939.15
12100.4	0.0225983	1939.18
12102.2	0.0200255	1939.21
12104.4	0.0212287	1939.24
12106.2	0.0260347	1939.26
12108.4	0.0217533	1939.3
12110.6	0.0262671	1939.33
12112.4	0.0288489	1939.35
12114.6	0.0257122	1939.38
12116.8	0.023124	1939.42
12118.6	0.0254473	1939.44
12120.8	0.0211254	1939.47
12122.6	0.0243321	1939.5
12124.8	0.0247159	1939.53
12127	0.0221195	1939.56
12128.8	0.0260999	1939.59
12131	0.0243188	1939.62
12133.2	0.0262464	1939.65
12135	0.024759	1939.68
12137.2	0.0258159	1939.71
12139	0.0280777	1939.73
12141.2	0.0246854	1939.76
12143.4	0.0226106	1939.8
12145.2	0.0284644	1939.82
12147.4	0.0273098	1939.85
12149.6	0.0242729	1939.88
12151.4	0.0283622	1939.91

12153.6	0.0232587	1939.94
12155.4	0.0258142	1939.97
12157.6	0.0277959	1940
12159.8	0.0244939	1940.03
12161.6	0.0245153	1940.05
12163.8	0.0206937	1940.08
12166	0.0191055	1940.11
12167.8	0.0220274	1940.14
12170	0.0200623	1940.17
12171.8	0.022392	1940.2
12174	0.0198544	1940.23
12176.2	0.0203789	1940.26
12178	0.0201794	1940.28
12180.2	0.0202974	1940.32
12182.4	0.0170381	1940.35
12184.2	0.0152855	1940.37
12186.4	0.0214492	1940.4
12188.2	0.0168896	1940.43
12190.4	0.0184464	1940.46
12192.6	0.0183935	1940.49
12194.4	0.017992	1940.52
12196.6	0.022521	1940.55
12198.8	0.0196912	1940.58
12200.6	0.0198939	1940.6
12202.8	0.0192746	1940.64
12204.6	0.0190937	1940.66
12206.8	0.0195574	1940.69
12209	0.019864	1940.72
12210.8	0.0211219	1940.75
12213	0.0227172	1940.78
12215.2	0.020694	1940.81
12217	0.021094	1940.84
12219.2	0.025322	1940.87
12221	0.0276589	1940.89
12223.2	0.024291	1940.92
12225.4	0.0282131	1940.95
12227.6	0.0272764	1940.99
12229.4	0.0268655	1941.01
12231.6	0.0225567	1941.04
12233.4	0.0253747	1941.07
12235.6	0.0238844	1941.1
12237.8	0.0262416	1941.13
12239.6	0.0256397	1941.16
12241.8	0.0218331	1941.19
12244	0.0231161	1941.22
12245.8	0.0240999	1941.24
12248	0.0224184	1941.27
12249.8	0.0243127	1941.3
12252	0.0201616	1941.33

12254.1	0.0226537	1941.36
12256	0.0210144	1941.39
12258.2	0.0225968	1941.42
12260.4	0.0225812	1941.45
12262.2	0.0182658	1941.48
12264.4	0.0214728	1941.51
12266.1	0.0203951	1941.53
12268.4	0.0202815	1941.56
12270.7	0.0226942	1941.6
12272.4	0.020868	1941.62
12274.6	0.0198115	1941.65
12276.8	0.0197274	1941.68
12278.6	0.0211694	1941.71
12280.8	0.0209763	1941.74
12282.6	0.020776	1941.76
12284.8	0.0208046	1941.79
12287	0.0205839	1941.83
12288.8	0.0252768	1941.85
12291	0.0218606	1941.88
12293.2	0.02301	1941.91
12295	0.0212376	1941.94
12297.1	0.0214089	1941.97
12299	0.0218857	1942
12301.1	0.0257791	1942.03
12303.4	0.0241037	1942.06
12305.1	0.0229393	1942.08
12307.4	0.022906	1942.11
12309.6	0.0213315	1942.15
12311.4	0.0260711	1942.17
12313.5	0.0276051	1942.2
12315.4	0.0273231	1942.23
12317.5	0.0268136	1942.26
12319.8	0.0196768	1942.29
12321.5	0.0261194	1942.31
12323.8	0.0231167	1942.35
12326	0.0235768	1942.38
12327.8	0.0235592	1942.4
12330	0.0252996	1942.43
12331.8	0.0235881	1942.46
12334	0.0244093	1942.49
12336.1	0.0209443	1942.52
12338	0.0230915	1942.55
12340.1	0.0197001	1942.58
12342.4	0.0197998	1942.61
12344.2	0.0188658	1942.63
12346.4	0.0207538	1942.67
12348.2	0.0197218	1942.69
12350.4	0.0187104	1942.72
12352.5	0.0193804	1942.75

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12356.5	0.0203027	1942.81
12358.8	0.0192533	1942.84
12360.5	0.0160945	1942.87
12362.8	0.0190681	1942.9
12365	0.0175739	1942.93
12366.8	0.0219459	1942.95
12369	0.0207058	1942.99
12371.2	0.0189125	1943.02
12373	0.0213729	1943.04
12375.1	0.0231836	1943.07
12377	0.0169987	1943.1
12379.1	0.020357	1943.13
12381.6	0.0197022	1943.16
12383.1	0.0219071	1943.18
12385.4	0.0235066	1943.22
12387.5	0.023159	1943.25
12389.4	0.0227974	1943.27
12391.5	0.0249042	1943.3
12393.5	0.0222382	1943.33
12395.5	0.0229219	1943.36
12397.8	0.0229058	1943.39
12399.5	0.0209129	1943.42
12401.8	0.0219709	1943.45
12404	0.0217922	1943.48
12405.8	0.0174895	1943.51
12408	0.0196878	1943.54
12409.8	0.0237696	1943.56
12412	0.0193916	1943.59
12414.1	0.019405	1943.62
12416	0.0202596	1943.65
12418.1	0.019216	1943.68
12420.4	0.018314	1943.71
12422.2	0.0147296	1943.74
12424.4	0.0180483	1943.77
12426.1	0.0183443	1943.79
12428.3	0.0144818	1943.82
12430.5	0.0195016	1943.85
12432.3	0.0180621	1943.88
12434.5	0.0184124	1943.91
12436.8	0.0202473	1943.94
12438.6	0.0189439	1943.97
12440.7	0.0197555	1944
12442.6	0.0184377	1944.03
12444.7	0.018674	1944.06
12447	0.0177713	1944.09
12448.7	0.0190333	1944.11
12451	0.0167715	1944.14
12453.1	0.0190783	1944.17

12455	0.0177088	1944.2
12457.1	0.0169374	1944.23
12458.9	0.0214454	1944.26
12461.1	0.0188402	1944.29
12463.4	0.0178214	1944.32
12465.1	0.0194514	1944.34
12467.4	0.0198304	1944.38
12469.7	0.0278442	1944.41
12471.4	0.0248832	1944.43
12473.7	0.026374	1944.47
12475.3	0.0252119	1944.49
12477.7	0.0245576	1944.52
12479.7	0.0216748	1944.55
12481.7	0.0234867	1944.58
12483.8	0.0217255	1944.61
12486	0.0195136	1944.64
12487.8	0.0250376	1944.66
12490	0.0215544	1944.7
12492.1	0.0205752	1944.73
12493.9	0.0256505	1944.75
12496.1	0.0241673	1944.78
12498.4	0.0243951	1944.81
12500.1	0.0218564	1944.84
12502.3	0.024797	1944.87
12504.1	0.0265756	1944.9
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12508.5	0.0230126	1944.96
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12514.8	0.0233943	1945.05
12516.5	0.0224957	1945.07
12518.8	0.0205778	1945.1
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12522.7	0.0219008	1945.16
12524.9	0.0223655	1945.19
12526.7	0.0190953	1945.21
12529	0.0211837	1945.25
12531.1	0.0189385	1945.28
12533	0.020323	1945.3
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12537	0.0178099	1945.36
12539.1	0.0174266	1945.39
12541.3	0.0155423	1945.42
12543.1	0.0201133	1945.45
12545.3	0.0202608	1945.48
12547.5	0.0173899	1945.51
12549.3	0.020994	1945.53
12551.5	0.02051	1945.57
12553.4	0.0202249	1945.59

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12557.8	0.0173039	1945.65
12559.5	0.0164448	1945.68
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12564	0.0187488	1945.74
12565.9	0.0172909	1945.77
12567.9	0.0167404	1945.8
12569.8	0.0148325	1945.82
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12574.1	0.0169197	1945.89
12575.9	0.0153834	1945.91
12578.2	0.0164845	1945.94
12580.3	0.0154926	1945.97
12582.1	0.0129057	1946
12584.3	0.0128685	1946.03
12586.1	0.0141569	1946.05
12588.3	0.0149556	1946.09
12590.5	0.015954	1946.12
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12594.5	0.0116344	1946.21
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12598.5	0.0156395	1946.29
12600.7	0.0159652	1946.34
12602.6	0.0144802	1946.38
12604.7	0.0145145	1946.43
12606.9	0.0153066	1946.47
12608.7	0.0132036	1946.51
12610.9	0.013985	1946.56
12613.1	0.0160576	1946.61
12614.9	0.0134998	1946.64
12617.1	0.0152404	1946.69
12619.3	0.0196445	1946.74
12621.1	0.0187916	1946.78
12623.3	0.0184049	1946.82
12625.5	0.0218098	1946.87
12627.4	0.0197553	1946.91
12629.5	0.019039	1946.96
12631.3	0.0215138	1947
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12635.7	0.0213483	1947.09
12637.5	0.0171433	1947.13
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12650	0.0213157	1947.4
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12664.1	0.0162909	1947.7
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12668.6	0.0154875	1947.79
12670.3	0.0167972	1947.83
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12674.7	0.0160479	1947.93
12676.5	0.0154718	1947.96
12678.7	0.0134136	1948.01
12680.5	0.01409	1948.05
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12715.5	0.0222492	1948.8
12717.8	0.0174255	1948.85
12719.5	0.0191932	1948.89
12721.7	0.017167	1948.93
12723.9	0.0159473	1948.98
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12727.9	0.0167252	1949.07
12729.7	0.0183101	1949.1
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12740.3	0.0196324	1949.33
12742.2	0.0170664	1949.37
12744.3	0.0187882	1949.42
12746.1	0.0193431	1949.46
12748.4	0.016694	1949.51
12750.5	0.01453	1949.55
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12762.9	0.0163278	1949.82
12764.7	0.0174698	1949.85
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12769.1	0.0155453	1949.95
12770.9	0.0139602	1949.99
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12789.5	0.0202101	1950.39
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12793.5	0.0166283	1950.47
12795.7	0.0194954	1950.52
12797.5	0.0163403	1950.56
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12809.9	0.0225254	1950.82
12812.1	0.0196226	1950.87
12813.9	0.0198828	1950.91
12816.1	0.0176191	1950.96
12818.3	0.0186881	1951
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12834.7	0.0179328	1951.35
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12838.7	0.0182982	1951.44
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12918.5	0.0184083	1952.64
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12922.9	0.0186594	1952.69
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12978.5	0.0238424	1953.31
12980.1	0.0200973	1953.33
12982.5	0.0248128	1953.36
12984.1	0.0222152	1953.38
12986.5	0.0250945	1953.4
12988.5	0.0258843	1953.43
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12992.5	0.0269545	1953.47
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12996.5	0.0242955	1953.51
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13031.5	0.0203107	1953.91
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13035.5	0.0213833	1953.95
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13068.3	0.0212073	1954.32
13070.6	0.0212679	1954.34
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13074.7	0.0219019	1954.39
13076.7	0.0233577	1954.41
13078.6	0.028674	1954.43
13080.7	0.0256342	1954.46
13082.9	0.0262902	1954.48
13084.7	0.0275283	1954.5
13086.9	0.0235999	1954.52
13089.1	0.0286282	1954.55
13090.9	0.0262721	1954.57
13093.1	0.0239616	1954.59
13094.9	0.0267379	1954.61
13097.1	0.025705	1954.64
13099.3	0.0284084	1954.66
13101.1	0.0247541	1954.68
13103.3	0.0246708	1954.71
13105.5	0.0260517	1954.73
13107.3	0.0233813	1954.75
13109.5	0.022515	1954.78
13111.3	0.0230268	1954.8
13113.5	0.0199423	1954.82
13115.7	0.0229759	1954.85
13117.5	0.0241711	1954.87
13119.7	0.023895	1954.89
13122	0.020233	1954.92
13123.7	0.0197038	1954.94
13125.9	0.0211254	1954.96
13127.7	0.0230841	1954.98
13129.9	0.0204586	1955
13132.1	0.0193377	1955.03
13133.9	0.0195681	1955.05
13136.1	0.0182688	1955.07
13138.3	0.0178979	1955.1
13140.1	0.0189042	1955.12
13142.3	0.0193283	1955.14
13144.5	0.0207483	1955.17
13146.3	0.0212973	1955.19
13148.5	0.0202507	1955.21
13150.7	0.0199962	1955.24
13152.5	0.0195135	1955.26
13154.8	0.0211967	1955.28
13156.6	0.0221424	1955.3

13158.8	0.0206866	1955.33
13160.9	0.0213026	1955.35
13162.8	0.0209128	1955.37
13165	0.0200455	1955.4
13167.1	0.0230295	1955.42
13168.9	0.0191399	1955.44
13171.1	0.0227802	1955.47
13172.9	0.0248238	1955.49
13175.1	0.0193822	1955.51
13177.3	0.0212081	1955.53
13179.1	0.0258048	1955.55
13181.3	0.0174362	1955.58
13183.5	0.0180936	1955.6
13185.3	0.0191667	1955.62
13187.5	0.0208502	1955.65
13189.3	0.0184678	1955.67
13191.5	0.0177842	1955.69
13193.7	0.0171086	1955.72
13195.5	0.015959	1955.74
13197.7	0.0192291	1955.76
13199.9	0.0160443	1955.79
13201.7	0.0173065	1955.81
13203.9	0.0167357	1955.83
13205.7	0.0200774	1955.85
13207.9	0.0164591	1955.88
13210.1	0.0150929	1955.9
13211.9	0.0202241	1955.92
13214.1	0.0168907	1955.95
13216.3	0.0178165	1955.97
13218.1	0.0209185	1955.99
13220.3	0.0170549	1956.01
13222.1	0.0175355	1956.03
13224.3	0.0178798	1956.06
13226.5	0.0205034	1956.08
13228.3	0.0192431	1956.1
13230.5	0.019759	1956.13
13232.7	0.0198137	1956.15
13234.5	0.0196795	1956.17
13236.7	0.0209448	1956.2
13238.5	0.0207855	1956.22
13240.7	0.0195352	1956.24
13243	0.0215828	1956.27
13244.7	0.0202023	1956.29
13246.9	0.0201287	1956.31
13249.1	0.0212784	1956.34
13250.9	0.0205378	1956.36
13253.1	0.0223757	1956.38
13254.9	0.0238087	1956.4
13257.1	0.022121	1956.43

13259.3	0.026171	1956.45
13261.1	0.024713	1956.47
13263.3	0.0261358	1956.5
13265.5	0.0220363	1956.52
13267.3	0.019641	1956.54
13269.5	0.0223776	1956.56
13271.3	0.0242114	1956.58
13273.5	0.0212533	1956.61
13275.7	0.0229787	1956.63
13278	0.0223706	1956.66
13279.7	0.0237044	1956.68
13281.9	0.0217571	1956.7
13283.7	0.0241487	1956.72
13285.9	0.0224718	1956.75
13288.1	0.0211596	1956.77
13289.9	0.0222264	1956.79
13292.3	0.0240046	1956.82
13294.3	0.0224112	1956.84
13296.1	0.023379	1956.86
13298.3	0.0232643	1956.89
13300.1	0.0230349	1956.91
13302.3	0.0219098	1956.93
13304.5	0.0227927	1956.96
13306.3	0.0223306	1956.98
13308.5	0.0199082	1957
13310.7	0.0200886	1957.02
13312.5	0.022912	1957.04
13314.7	0.0177435	1957.07
13316.5	0.0225109	1957.09
13318.7	0.0183168	1957.11
13320.9	0.0188478	1957.14
13322.7	0.0191871	1957.16
13324.9	0.0225571	1957.18
13327.1	0.0182263	1957.21
13328.9	0.0198472	1957.23
13331.1	0.0164525	1957.25
13332.9	0.0194609	1957.27
13335.1	0.0198574	1957.3
13337.3	0.0189311	1957.32
13339.1	0.0187587	1957.34
13341.3	0.0242824	1957.37
13343.5	0.0200943	1957.39
13345.3	0.0186464	1957.41
13347.5	0.0212323	1957.44
13349.3	0.0211568	1957.46
13351.5	0.0185478	1957.48
13353.7	0.0188935	1957.51
13355.5	0.01964	1957.53
13357.7	0.0195751	1957.55

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13361.7	0.0186909	1957.59
13363.9	0.0188889	1957.62
13365.7	0.0215412	1957.64
13367.9	0.0214795	1957.66
13370.1	0.0191338	1957.69
13371.9	0.0191968	1957.71
13374.1	0.0186829	1957.73
13376.3	0.0189379	1957.76
13378.1	0.0208237	1957.78
13380.3	0.0178178	1957.8
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13386.5	0.0189681	1957.87
13388.3	0.0229694	1957.89
13390.5	0.0184811	1957.92
13392.7	0.0174887	1957.94
13394.5	0.0179146	1957.96
13396.7	0.0176942	1957.99
13398.5	0.0179972	1958.01
13400.7	0.0168765	1958.03
13402.9	0.0154335	1958.05
13404.7	0.0150735	1958.08
13406.9	0.017002	1958.1
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13410.9	0.0181197	1958.14
13413.1	0.0156655	1958.17
13415.3	0.0227736	1958.19
13417.1	0.0201412	1958.21
13419.3	0.0171448	1958.24
13421.5	0.0168572	1958.26
13423.3	0.0172754	1958.28
13425.5	0.0189809	1958.31
13427.3	0.0193047	1958.33
13429.5	0.0177005	1958.35
13431.7	0.020443	1958.38
13433.5	0.0166771	1958.4
13435.7	0.0188278	1958.42
13437.9	0.0198073	1958.45
13439.7	0.0199115	1958.47
13441.9	0.019815	1958.49
13443.7	0.0182295	1958.51
13445.9	0.0190013	1958.54
13448.1	0.0210835	1958.56
13449.9	0.0176692	1958.58
13452.1	0.0205371	1958.6
13454.3	0.0219996	1958.63
13456.1	0.0207859	1958.65
13458.3	0.0254411	1958.67

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13464.5	0.0211368	1958.74
13466.3	0.0221466	1958.76
13468.5	0.0231924	1958.79
13470.7	0.019338	1958.81
13472.5	0.0224618	1958.83
13474.7	0.0176446	1958.86
13476.5	0.0182828	1958.88
13478.7	0.0182459	1958.9
13480.9	0.0209455	1958.93
13482.7	0.0220986	1958.95
13484.9	0.0187422	1958.97
13487.3	0.0203688	1959
13488.9	0.0191149	1959.02
13491.1	0.018166	1959.04
13492.9	0.0227538	1959.06
13495.3	0.0218785	1959.09
13497.3	0.0216981	1959.11
13499.1	0.0218549	1959.13
13501.3	0.0222246	1959.15
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13505.3	0.0227252	1959.2
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13513.7	0.0187592	1959.29
13515.5	0.0238518	1959.31
13517.7	0.0181222	1959.34
13519.9	0.0187928	1959.36
13521.7	0.0201246	1959.38
13523.9	0.0188295	1959.41
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13527.9	0.0189794	1959.45
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13531.9	0.0193704	1959.5
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13536.3	0.0177291	1959.55
13538.1	0.0165328	1959.57
13540.3	0.0154326	1959.59
13542.5	0.0218734	1959.61
13544.3	0.0173562	1959.63
13546.5	0.0145704	1959.66
13548.7	0.0174173	1959.68
13550.5	0.0157058	1959.7
13552.7	0.0156891	1959.73
13554.5	0.0177193	1959.75
13556.7	0.0139423	1959.77
13558.9	0.0158528	1959.8

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13562.9	0.015825	1959.84
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13566.9	0.014484	1959.89
13569.1	0.0152735	1959.91
13570.9	0.0150333	1959.93
13573.1	0.01409	1959.96
13575.4	0.0139104	1959.98
13577.1	0.0175453	1960
13579.4	0.016139	1960.04
13581.5	0.0162732	1960.07
13583.5	0.013042	1960.1
13585.5	0.0149931	1960.13
13587.4	0.0150648	1960.16
13589.5	0.0144856	1960.2
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13593.5	0.0149564	1960.26
13595.7	0.0136748	1960.29
13597.9	0.0157572	1960.33
13599.7	0.0144215	1960.35
13601.9	0.0139658	1960.39
13603.7	0.0145945	1960.42
13605.9	0.0149297	1960.45
13608.1	0.0149105	1960.49
13609.9	0.0155633	1960.51
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13616.1	0.0174536	1960.61
13618.3	0.0175176	1960.64
13620.1	0.0178548	1960.67
13622.3	0.0134663	1960.71
13624.5	0.0199172	1960.74
13626.3	0.0194058	1960.77
13628.5	0.018883	1960.8
13630.7	0.0210467	1960.84
13632.5	0.0189609	1960.87
13634.7	0.0188136	1960.9
13636.5	0.0186784	1960.93
13638.7	0.0155071	1960.96
13640.9	0.0198881	1961
13642.7	0.0208262	1961.03
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13647.1	0.0198611	1961.09
13648.9	0.0181792	1961.12
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13659.1	0.0181909	1961.28

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13669.7	0.016488	1961.45
13671.6	0.0167064	1961.48
13673.7	0.0147595	1961.51
13675.9	0.0182129	1961.54
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13679.9	0.0167955	1961.61
13681.7	0.0186608	1961.63
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13745.5	0.0181988	1962.63
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13753.5	0.0189702	1962.75
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13759.7	0.0159915	1962.85

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13808.9	0.0207214	1963.62
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13825.3	0.0278532	1963.87
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13915.7	0.0174274	1965.46
13917.9	0.0177415	1965.5
13919.7	0.0163932	1965.53
13921.9	0.0199546	1965.57
13923.7	0.0185975	1965.61
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14053.1	0.0236311	1967.93
14055.3	0.02357	1967.98
14057.1	0.02351	1968.01
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14127.1	0.0177518	1969.39
14129.3	0.0184804	1969.43
14131.1	0.0152869	1969.46
14133.3	0.0192458	1969.51
14135	0.0183548	1969.54
14137.2	0.0167297	1969.58
14139.5	0.019703	1969.63
14141.3	0.0188763	1969.67
14143.5	0.0189946	1969.71
14145.7	0.0175119	1969.75
14147.5	0.0186357	1969.79
14149.7	0.0163423	1969.83
14151.5	0.0170043	1969.87
14153.6	0.0170922	1969.91
14155.9	0.0191733	1969.95
14157.6	0.0200133	1969.99
14159.9	0.0171923	1970.03
14162.1	0.0165765	1970.07

14163.9	0.0178116	1970.11
14166.1	0.0206644	1970.15
14167.9	0.0194152	1970.19
14170	0.0166568	1970.23
14172.4	0.0188128	1970.28
14174.1	0.0186798	1970.31
14176.4	0.0194275	1970.35
14178.5	0.0164721	1970.4
14180.4	0.0198397	1970.43
14182.5	0.018824	1970.47
14184.4	0.0246888	1970.51
14186.5	0.0188338	1970.55
14188.6	0.0212862	1970.59
14190.5	0.0208199	1970.63
14192.6	0.0196985	1970.67
14194.9	0.0262924	1970.72
14196.7	0.0267441	1970.75
14198.9	0.0228651	1970.8
14201	0.0244304	1970.84
14202.9	0.0224774	1970.88
14205	0.0257315	1970.92
14207.3	0.0272464	1970.96
14209.1	0.0227555	1971
14211.2	0.0263634	1971.04
14213	0.0300064	1971.07
14215.3	0.0237018	1971.12
14217.5	0.0209969	1971.16
14219.2	0.0260943	1971.2
14221.5	0.0255482	1971.24
14223.8	0.0252607	1971.29
14225.5	0.0208926	1971.32
14227.6	0.0265883	1971.34
14229.5	0.0279203	1971.36
14231.6	0.0299996	1971.38
14233.9	0.0269827	1971.4
14235.6	0.0278678	1971.42
14237.9	0.0264302	1971.44
14240.1	0.0262065	1971.46
14241.9	0.0279917	1971.48
14244	0.0241688	1971.5
14245.9	0.0254425	1971.52
14248	0.0259056	1971.55
14250.2	0.0223245	1971.57
14252	0.0308761	1971.59
14254.2	0.0252183	1971.61
14256.5	0.0217872	1971.63
14258.2	0.0214295	1971.65
14260.5	0.026534	1971.67
14262.2	0.0233068	1971.69

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14266.6	0.0243606	1971.74
14268.5	0.0197951	1971.76
14270.6	0.0215114	1971.78
14272.9	0.0195685	1971.8
14274.6	0.0222043	1971.82
14276.9	0.0224285	1971.84
14278.6	0.0208271	1971.86
14280.9	0.0197066	1971.88
14283	0.0189127	1971.9
14284.9	0.0195908	1971.92
14287	0.0174631	1971.95
14289.3	0.0205227	1971.97
14291	0.0243904	1971.99
14293.2	0.0204944	1972.01
14295	0.022261	1972.03
14297.2	0.0226191	1972.05
14299.5	0.0223124	1972.07
14301.2	0.0232145	1972.09
14303.5	0.019281	1972.11
14305.7	0.0204482	1972.14
14307.5	0.0229332	1972.16
14309.6	0.0227848	1972.18
14311.5	0.0229542	1972.2
14313.7	0.0193464	1972.22
14315.9	0.0193616	1972.24
14317.6	0.0229278	1972.26
14319.9	0.0178543	1972.28
14322	0.0196472	1972.3
14323.9	0.0240414	1972.32
14326	0.023528	1972.35
14328.2	0.0215075	1972.37
14330	0.0211049	1972.39
14332.2	0.0233127	1972.41
14334.5	0.0235795	1972.43
14336.2	0.0182516	1972.45
14338.4	0.021427	1972.47
14340.2	0.0196169	1972.49
14342.4	0.0169855	1972.51
14344.7	0.0188174	1972.54
14346.5	0.0187034	1972.56
14348.7	0.0176365	1972.58
14350.9	0.0200373	1972.6
14352.7	0.0163123	1972.62
14354.9	0.019544	1972.64
14356.7	0.0189156	1972.66
14358.8	0.0185975	1972.68
14361	0.0216762	1972.7
14362.9	0.0182083	1972.72

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14367.2	0.0177272	1972.77
14369	0.0195363	1972.79
14371.2	0.020422	1972.81
14373	0.0196266	1972.83
14375.2	0.0179318	1972.85
14377.4	0.0142497	1972.87
14379.3	0.0170173	1972.89
14381.4	0.015703	1972.91
14383.6	0.0158589	1972.94
14385.5	0.0165817	1972.96
14387.6	0.0195511	1972.98
14389.4	0.0175761	1973
14391.6	0.0173844	1973.02
14393.8	0.0183686	1973.04
14395.7	0.0173763	1973.06
14397.8	0.0184283	1973.08
14400	0.0181372	1973.1
14401.9	0.0190741	1973.12
14404.1	0.0181579	1973.15
14405.8	0.0192115	1973.16
14408	0.0198142	1973.19
14410.2	0.0168706	1973.21
14412	0.0206884	1973.23
14414.2	0.0170964	1973.25
14416.5	0.0167291	1973.27
14418.2	0.0178711	1973.29
14420.5	0.0179718	1973.31
14422.2	0.0179625	1973.33
14424.4	0.0166077	1973.35
14426.6	0.0162425	1973.38
14428.4	0.0177606	1973.39
14430.6	0.016954	1973.42
14432.9	0.0173617	1973.44
14434.6	0.0177702	1973.46
14436.9	0.0166987	1973.48
14438.7	0.0165325	1973.5
14440.9	0.0151809	1973.52
14443	0.0182494	1973.54
14444.9	0.0187713	1973.56
14447	0.0216446	1973.59
14449.2	0.0184067	1973.61
14451	0.0185529	1973.63
14453.2	0.0170664	1973.65
14455.1	0.0234312	1973.67
14457.2	0.019123	1973.69
14459.4	0.0201909	1973.71
14461.6	0.0162581	1973.74
14463.5	0.0194697	1973.75

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14467.4	0.0202105	1973.79
14469.6	0.0196167	1973.82
14471.8	0.021317	1973.84
14473.6	0.0196916	1973.86
14475.8	0.0231584	1973.88
14478	0.0211528	1973.9
14479.9	0.0250749	1973.92
14482	0.0219321	1973.94
14483.8	0.0256273	1973.96
14486	0.0217524	1973.99
14488.2	0.021386	1974.01
14490	0.0247509	1974.03
14492.2	0.0203713	1974.05
14494.4	0.0194959	1974.07
14496.2	0.0233451	1974.09
14498.4	0.0235575	1974.11
14500.2	0.020226	1974.13
14502.4	0.0194817	1974.15
14504.7	0.0191574	1974.18
14506.4	0.0226926	1974.19
14508.6	0.0194475	1974.22
14510.8	0.0182505	1974.24
14512.6	0.0202487	1974.26
14514.8	0.020413	1974.28
14516.6	0.0170943	1974.3
14518.8	0.0189799	1974.32
14521	0.0213959	1974.34
14522.8	0.017189	1974.36
14525	0.0172061	1974.39
14527.2	0.0172136	1974.41
14529.1	0.0182558	1974.43
14531.2	0.0158829	1974.45
14533	0.0172233	1974.47
14535.2	0.0167406	1974.49
14537.4	0.0193737	1974.51
14539.2	0.0174659	1974.53
14541.4	0.0183502	1974.55
14543.6	0.0162371	1974.58
14545.5	0.0171439	1974.6
14547.6	0.016131	1974.62
14549.4	0.0154177	1974.64
14551.6	0.0196321	1974.66
14553.9	0.0165974	1974.68
14555.6	0.0210192	1974.7
14557.8	0.0193788	1974.72
14560	0.0199352	1974.74
14561.8	0.0192647	1974.76
14564	0.020793	1974.78

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14568	0.0206802	1974.83
14570.2	0.0166323	1974.85
14572	0.0208125	1974.87
14574.2	0.0168357	1974.89
14576.4	0.0188871	1974.91
14578.2	0.0209163	1974.93
14580.4	0.0200803	1974.95
14582.2	0.0178574	1974.97
14584.4	0.0176072	1974.99
14586.6	0.0190083	1975.02
14589	0.0172833	1975.04
14590.6	0.0204035	1975.06
14592.8	0.0196889	1975.08
14594.6	0.0181334	1975.1
14596.8	0.0147487	1975.12
14599	0.0193197	1975.14
14600.8	0.0162896	1975.16
14603.1	0.0164234	1975.19
14605.2	0.015917	1975.21
14607	0.0142166	1975.23
14609.2	0.017909	1975.25
14611	0.0148532	1975.27
14613.2	0.0130429	1975.29
14615.4	0.0161472	1975.31
14617.2	0.015127	1975.33
14619.5	0.0163016	1975.35
14621.6	0.0150677	1975.38
14623.4	0.0143473	1975.39
14625.6	0.0155145	1975.42
14627.4	0.017271	1975.45
14629.6	0.0128379	1975.49
14631.8	0.0159161	1975.53
14633.6	0.0104439	1975.56
14635.9	0.0130027	1975.6
14638	0.0152237	1975.64
14639.8	0.0138347	1975.67
14642	0.0170863	1975.71
14643.9	0.0132543	1975.74
14646.1	0.0119498	1975.78
14648.2	0.0145445	1975.81
14650	0.0185001	1975.85
14652.2	0.0143362	1975.88
14654.4	0.0139393	1975.92
14656.2	0.0123191	1975.95
14658.4	0.0152847	1975.99
14660.2	0.01364	1976.02
14662.4	0.0194985	1976.06
14664.6	0.0172851	1976.1

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14670.8	0.0129619	1976.21
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14674.8	0.0220108	1976.28
14676.6	0.0192057	1976.31
14678.8	0.0217866	1976.35
14681.2	0.0215641	1976.39
14682.8	0.0195807	1976.42
14685.2	0.0184969	1976.46
14687.3	0.0183225	1976.5
14689.2	0.0217276	1976.53
14691.2	0.0221314	1976.56
14693.3	0.0190552	1976.6
14695.2	0.0187434	1976.63
14697.4	0.0206856	1976.67
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14703.6	0.0254858	1976.76
14705.4	0.0243309	1976.78
14707.6	0.0235969	1976.81
14709.5	0.0235083	1976.83
14711.6	0.0217963	1976.86
14713.8	0.0236019	1976.88
14715.6	0.0188006	1976.91
14717.8	0.01713	1976.93
14720	0.0265421	1976.96
14721.8	0.0219919	1976.98
14724	0.0198209	1977.01
14726.3	0.0209041	1977.04
14728	0.0184335	1977.06
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14732.4	0.0213759	1977.12
14734.3	0.0192135	1977.14
14736.4	0.0202392	1977.17
14738.2	0.020451	1977.19
14740.4	0.0230421	1977.22
14742.6	0.0174419	1977.24
14744.4	0.0168857	1977.26
14746.6	0.0166132	1977.29
14748.8	0.0241221	1977.32
14750.6	0.0196206	1977.34
14752.8	0.0238543	1977.37
14754.6	0.0202318	1977.39
14756.8	0.0183361	1977.42
14759	0.0196949	1977.45
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14763	0.0177213	1977.5
14765.4	0.0213341	1977.53

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14771	0.0154747	1977.6
14773.4	0.015983	1977.63
14775.5	0.0173906	1977.65
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14783.5	0.0181309	1977.75
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14787.4	0.0164591	1977.8
14789.6	0.0167064	1977.83
14791.8	0.0205544	1977.85
14793.6	0.0247589	1977.88
14795.8	0.0224503	1977.9
14798	0.0238375	1977.93
14799.9	0.0211206	1977.96
14802	0.0177941	1977.98
14803.8	0.0229357	1978
14806	0.0194553	1978.03
14808.2	0.0177427	1978.06
14810	0.0192188	1978.08
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14832.6	0.0196763	1978.36
14834.8	0.0164993	1978.39
14836.6	0.0189838	1978.41
14838.8	0.0172826	1978.44
14841	0.0198076	1978.47
14842.8	0.0173083	1978.49
14845	0.0196649	1978.52
14847.2	0.0195296	1978.54
14849	0.0185219	1978.57
14851.2	0.0185726	1978.59
14853.4	0.0149041	1978.62
14855.2	0.0164525	1978.64
14857.5	0.0172832	1978.67
14859.6	0.0181564	1978.7
14861.5	0.0176624	1978.72
14863.6	0.0182266	1978.75
14865.5	0.0172822	1978.77

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14871.6	0.0189991	1978.85
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14876	0.0178139	1978.9
14877.8	0.0172987	1978.93
14880	0.0187963	1978.95
14881.8	0.0204479	1978.97
14884	0.0159655	1979
14886.2	0.0195446	1979.03
14888	0.0195398	1979.05
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14894.2	0.0177876	1979.13
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14898.2	0.0178632	1979.18
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14914.6	0.0216365	1979.38
14916.8	0.0227318	1979.41
14919	0.0218455	1979.44
14920.8	0.0196284	1979.46
14923	0.0296068	1979.49
14925.2	0.019334	1979.51
14927	0.0183411	1979.54
14929.2	0.0180359	1979.56
14931	0.0197628	1979.59
14933.2	0.0207795	1979.61
14935.4	0.0187003	1979.64
14937.2	0.0257824	1979.66
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14941.6	0.0189529	1979.72
14943.4	0.0161721	1979.74
14945.6	0.0148383	1979.77
14947.4	0.0152391	1979.79
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14958	0.017486	1979.92
14959.8	0.0220931	1979.95
14962	0.0207588	1979.97
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14966	0.0167226	1980.02

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14986.8	0.0204455	1980.28
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14997	0.0208427	1980.41
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15005	0.0193368	1980.51
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15009	0.0160607	1980.56
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15040	0.0127522	1980.94
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15083	0.0189886	1981.48
15085.2	0.0208097	1981.51
15087	0.0230169	1981.53
15089.2	0.01665	1981.56
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15093.2	0.0175534	1981.61
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15115.8	0.0237013	1981.89
15118	0.0211918	1981.91
15119.8	0.0191271	1981.94
15122	0.0215197	1981.96
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15126	0.0236206	1982.01
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15189.8	0.015255	1982.81
15192	0.0177829	1982.84
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15196	0.0158195	1982.88
15198.2	0.0166307	1982.91
15200	0.0141232	1982.93
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16277.7	0.0167145	1995.69
16279.9	0.0167623	1995.7
16281.7	0.0156036	1995.71
16284	0.0180079	1995.73
16286.1	0.0164772	1995.74
16288	0.0152354	1995.75
16290.1	0.0176275	1995.77
16292.4	0.0191564	1995.78
16294.1	0.0177905	1995.79
16296.3	0.0137633	1995.81
16298.1	0.0165246	1995.82
16300.3	0.0152568	1995.83
16302.5	0.0146922	1995.85
16304.4	0.0167777	1995.86
16306.5	0.0123804	1995.87
16308.8	0.0130516	1995.89
16310.5	0.014504	1995.9
16312.7	0.0146947	1995.91
16315	0.0156654	1995.93
16316.8	0.0132662	1995.94
16318.9	0.0142982	1995.95
16321.1	0.0147999	1995.97
16322.9	0.0134664	1995.98
16325.1	0.0140675	1995.99
16327.4	0.0127588	1996.01
16329.1	0.012446	1996.02
16331.4	0.0112974	1996.03
16333.6	0.0110391	1996.05
16335.3	0.0136831	1996.06
16337.5	0.0135284	1996.07
16339.3	0.0103006	1996.08
16341.6	0.013887	1996.1
16343.8	0.0124614	1996.11
16345.9	0.0138888	1996.13
16347.9	0.0113331	1996.14
16349.9	0.0101452	1996.15
16351.9	0.0101695	1996.17
16353.9	0.0125954	1996.18
16356.1	0.0111499	1996.19
16358	0.0115239	1996.21
16360.1	0.0118647	1996.22
16362.3	0.0150062	1996.23
16364.1	0.0134668	1996.25
16366.3	0.0105447	1996.26
16368.5	0.0134263	1996.27
16370.3	0.0143074	1996.29
16372.5	0.0140388	1996.3
16374.8	0.0138989	1996.31

16376.5	0.0152539	1996.33
16378.7	0.0120413	1996.34
16380.5	0.0111257	1996.35
16382.8	0.0123609	1996.37
16384.9	0.0155652	1996.38
16386.7	0.0128141	1996.39
16388.9	0.0127175	1996.41
16391.1	0.0149518	1996.42
16392.9	0.0126977	1996.43
16395.1	0.0127144	1996.45
16397.3	0.0136634	1996.46
16399.2	0.0150388	1996.47
16401.3	0.0123737	1996.49
16403.1	0.0134793	1996.5
16405.3	0.0151808	1996.51
16407.5	0.0168707	1996.53
16409.3	0.0194739	1996.54
16411.5	0.0179095	1996.55
16413.7	0.0183924	1996.57
16415.5	0.0222269	1996.58
16417.8	0.0220142	1996.59
16419.5	0.0167702	1996.6
16421.7	0.0241289	1996.62
16424	0.0186305	1996.63
16425.7	0.0234723	1996.64
16428	0.0226494	1996.66
16430.1	0.0219611	1996.67
16432	0.0226064	1996.68
16434.2	0.0201451	1996.7
16436	0.0234798	1996.71
16438.1	0.0201484	1996.72
16440.3	0.018715	1996.74
16442.2	0.0193698	1996.75
16444.3	0.0178222	1996.76
16446.5	0.0211322	1996.78
16448.3	0.0407303	1996.79
16450.5	0.0211515	1996.8
16452.3	0.0223624	1996.82
16454.5	0.0220393	1996.83
16456.7	0.0171661	1996.84
16458.5	0.0172785	1996.86
16460.7	0.0209729	1996.87
16462.9	0.0173379	1996.88
16464.7	0.0178618	1996.9
16466.9	0.0174936	1996.91
16468.7	0.0179494	1996.92
16470.9	0.017049	1996.94
16473.1	0.0141522	1996.95
16474.9	0.0155263	1996.96

16477.3	0.0158682	1996.98
16479.3	0.0168375	1996.99
16481.1	0.0129259	1997
16483.4	0.0158011	1997.02
16485.1	0.0148757	1997.03
16487.3	0.0157988	1997.04
16489.5	0.0156517	1997.06
16491.3	0.0139638	1997.07
16493.5	0.0130191	1997.08
16495.7	0.0156501	1997.1
16497.5	0.0128188	1997.11
16499.8	0.0134817	1997.12
16501.5	0.0162136	1997.13
16503.7	0.0158807	1997.15
16505.9	0.0121953	1997.16
16507.8	0.0123948	1997.17
16509.9	0.0129784	1997.19
16512.2	0.0120957	1997.2
16513.9	0.0160206	1997.21
16516.2	0.0107271	1997.23
16517.9	0.011988	1997.24
16520.2	0.0142318	1997.25
16522.3	0.0121232	1997.27
16524.2	0.0146624	1997.28
16526.3	0.0129196	1997.29
16528.5	0.0130066	1997.31
16530.3	0.0140635	1997.32
16532.6	0.0136209	1997.33
16534.3	0.0137215	1997.35
16536.5	0.0123211	1997.36
16538.7	0.0114194	1997.37
16540.9	0.00916635	1997.39
16542.7	0.0129827	1997.4
16544.9	0.00916107	1997.41
16546.7	0.0109084	1997.43
16549	0.010039	1997.44
16551.1	0.0130359	1997.45
16552.9	0.010356	1997.47
16555.1	0.012933	1997.48
16557.3	0.0137765	1997.49
16559.1	0.0120754	1997.51
16561.3	0.0104646	1997.52
16563.1	0.0154483	1997.53
16565.3	0.016747	1997.55
16567.5	0.0173385	1997.56
16569.7	0.0191169	1997.57
16571.6	0.0248568	1997.59
16573.9	0.0322336	1997.6
16575.6	0.0370648	1997.61

16577.8	0.0427328	1997.63
16579.6	0.0438318	1997.64
16581.8	0.0479484	1997.65
16584	0.0498729	1997.67
16585.8	0.0545422	1997.68
16588	0.0626674	1997.69
16590.2	0.0660206	1997.71
16592	0.0728658	1997.72
16594.2	0.0745793	1997.73
16596	0.0748456	1997.74
16598.3	0.077488	1997.76
16600.5	0.0779352	1997.77
16602.2	0.0786207	1997.78
16604.4	0.0752719	1997.8
16606.6	0.0709531	1997.81
16608.4	0.0721958	1997.82
16610.6	0.0703052	1997.84
16612.4	0.0613088	1997.85
16614.6	0.0611575	1997.87
16616.8	0.058956	1997.88
16619	0.0537981	1997.89
16620.8	0.0601257	1997.91
16623	0.0645303	1997.92
16625.2	0.0645311	1997.93
16627	0.0662102	1997.95
16629.2	0.0631095	1997.96
16631	0.0604783	1997.97
16633.2	0.0667508	1997.99
16635.4	0.0622434	1998
16637.2	0.0596194	1998.01
16639.5	0.0590833	1998.03
16641.6	0.0537595	1998.04
16643.4	0.0541316	1998.05
16645.6	0.0538339	1998.07
16647.4	0.0531744	1998.08
16649.6	0.0510507	1998.09
16651.8	0.0494538	1998.11
16653.6	0.045361	1998.12
16655.8	0.0408085	1998.13
16658	0.0388624	1998.15
16659.8	0.0388153	1998.16
16662	0.0433919	1998.17
16663.8	0.0428024	1998.18
16666	0.0350813	1998.2
16668.2	0.0330687	1998.21
16670	0.0326533	1998.22
16672.2	0.0361096	1998.24
16674.4	0.0333434	1998.25
16676.2	0.0232911	1998.26

16678.4	0.0254463	1998.28
16680.2	0.0257229	1998.29
16682.4	0.0241674	1998.3
16684.6	0.0221593	1998.32
16686.4	0.0213209	1998.33
16688.7	0.0230369	1998.34
16690.8	0.0175206	1998.36
16692.6	0.0195684	1998.37
16694.8	0.0168005	1998.38
16696.6	0.0165456	1998.4
16698.8	0.0156078	1998.41
16701	0.0161342	1998.42
16702.8	0.0167902	1998.44
16705	0.0153909	1998.45
16707.2	0.0144545	1998.46
16709	0.0146589	1998.48
16711.2	0.0191984	1998.49
16713	0.0132543	1998.5
16715.2	0.0164018	1998.52
16717.4	0.0139874	1998.53
16719.2	0.0146582	1998.54
16721.4	0.0132588	1998.56
16723.6	0.0151884	1998.57
16725.4	0.0132272	1998.58
16727.6	0.0111945	1998.6
16729.5	0.010213	1998.61
16731.6	0.00981036	1998.62
16733.8	0.0100854	1998.64
16735.6	0.0128729	1998.65
16737.8	0.0116176	1998.66
16740	0.0105415	1998.68
16741.8	0.0127045	1998.69
16744	0.00940392	1998.7
16745.8	0.0114298	1998.71
16748	0.010573	1998.73
16750.2	0.00995028	1998.74
16752	0.0083267	1998.75
16754.2	0.00974956	1998.77
16756.6	0.00961381	1998.78
16758.2	0.00893008	1998.79
16760.6	0.00930645	1998.81
16762.2	0.00813767	1998.82
16764.4	0.00933396	1998.83
16766.6	0.00809593	1998.85
16768.6	0.00795493	1998.86
16770.6	0.00890914	1998.87
16772.8	0.00723425	1998.89
16774.6	0.00786917	1998.9
16776.8	0.00730003	1998.91

16778.7	0.00737954	1998.93
16780.8	0.00864237	1998.94
16783	0.00791847	1998.95
16784.8	0.00877496	1998.97
16787	0.00625994	1998.98
16789.2	0.00815809	1998.99
16791	0.00839322	1999.01
16793.2	0.00852301	1999.02
16795.4	0.00972914	1999.03
16797.2	0.00956157	1999.05
16799.4	0.00843033	1999.06
16801.6	0.0106558	1999.07
16803.5	0.00717632	1999.09
16805.6	0.00676331	1999.1
16807.4	0.00846787	1999.11
16809.6	0.00678133	1999.13
16811.8	0.00815152	1999.14
16813.6	0.00703021	1999.15
16815.8	0.00910187	1999.17
16818	0.00924634	1999.18
16819.8	0.00805038	1999.19
16822	0.00851755	1999.21
16823.8	0.009816	1999.22
16826	0.00655368	1999.23
16828.2	0.00672812	1999.25
16830	0.00901302	1999.26
16832.2	0.00728487	1999.27
16834.4	0.00866648	1999.29
16836.2	0.0075921	1999.3
16838.4	0.00588227	1999.31
16840.8	0.00828044	1999.33
16842.4	0.00773185	1999.34
16844.7	0.00773045	1999.35
16846.8	0.00686435	1999.37
16848.7	0.00706014	1999.38
16850.8	0.00625311	1999.39
16852.8	0.00885094	1999.41
16854.8	0.00662964	1999.42
16857	0.007536	1999.43
16858.8	0.00691367	1999.44
16861	0.00904941	1999.46
16863.2	0.0062225	1999.47
16865	0.00858327	1999.48
16867.2	0.00803601	1999.5
16869	0.00597423	1999.51
16871.2	0.00765231	1999.52
16873.4	0.0104728	1999.54
16875.2	0.00680786	1999.55
16877.4	0.00894793	1999.56

16879.6	0.00787179	1999.58
16881.4	0.00572652	1999.59
16883.6	0.00638866	1999.6
16885.4	0.00657679	1999.62
16887.6	0.00912164	1999.63
16889.8	0.00726619	1999.64
16891.6	0.00670707	1999.66
16893.8	0.00763165	1999.67
16896	0.00681724	1999.68
16897.8	0.00724098	1999.7
16900	0.0073035	1999.71
16901.8	0.00861825	1999.72
16904	0.0100819	1999.74
16906.2	0.00813448	1999.75
16908	0.00980789	1999.76
16910.2	0.00903907	1999.78
16912.4	0.0101545	1999.79
16914.2	0.00739821	1999.8
16916.4	0.0070554	1999.82
16918.2	0.0077329	1999.83
16920.4	0.0100461	1999.84
16922.6	0.00750412	1999.86
16924.4	0.00934456	1999.87
16926.6	0.00773375	1999.88
16928.9	0.00704387	1999.9
16930.6	0.0082352	1999.91
16932.9	0.0113561	1999.92
16934.6	0.00893432	1999.93
16936.9	0.00829686	1999.95
16939	0.00915901	1999.96
16941.2	0.00660072	1999.98
16943	0.0271894	1999.99
16945.2	0.0098477	2000
16947	0.00919227	2000.01
16949.3	0.00967524	2000.03
16951.4	0.00871763	2000.04
16953.2	0.00793161	2000.05
16955.4	0.0083361	2000.07
16957.6	0.0092251	2000.08
16959.4	0.0115475	2000.09
16961.6	0.00978444	2000.11
16963.4	0.0106712	2000.12
16965.6	0.00770236	2000.13
16967.8	0.00853481	2000.15
16969.6	0.00876897	2000.16
16971.8	0.0096482	2000.17
16974	0.0105214	2000.19
16975.8	0.00944335	2000.2
16978	0.0103842	2000.22

16979.8	0.00944628	2000.23
16982	0.0104516	2000.24
16984.2	0.0105793	2000.26
16986	0.00900959	2000.27
16988.2	0.0113134	2000.28
16990.4	0.0112326	2000.3
16992.2	0.0114575	2000.31
16994.4	0.0115209	2000.32
16996.2	0.0105083	2000.33
16998.4	0.0109672	2000.35
17000.6	0.00891307	2000.36
17002.6	0.0087197	2000.37
17004.6	0.0138176	2000.39
17006.8	0.0140183	2000.4
17008.6	0.0163598	2000.41
17010.8	0.0147957	2000.43
17012.6	0.011766	2000.44
17014.8	0.0114887	2000.45
17017	0.0122401	2000.47
17018.8	0.0087138	2000.48
17021	0.0100259	2000.49
17023.2	0.00915933	2000.51
17025	0.0127135	2000.52
17027.2	0.0133683	2000.53
17029.4	0.0108477	2000.55
17031.2	0.0106236	2000.56
17033.5	0.0097945	2000.57
17035.6	0.0114412	2000.59
17037.4	0.0127889	2000.6
17039.6	0.0110993	2000.61
17041.4	0.0117758	2000.63
17043.6	0.0100162	2000.64
17045.8	0.00993519	2000.65
17047.6	0.00842155	2000.67
17049.8	0.00952762	2000.68
17052	0.00875019	2000.69
17053.8	0.0109159	2000.71
17056	0.00968529	2000.72
17057.8	0.012163	2000.73
17060	0.01019	2000.75
17062.2	0.0103493	2000.76
17064	0.00962872	2000.77
17066.2	0.00901419	2000.79
17068.4	0.00899289	2000.8
17070.2	0.0115152	2000.81
17072.4	0.00834381	2000.83
17074.2	0.010353	2000.84
17076.4	0.00881195	2000.85
17078.6	0.00795916	2000.87

17080.4	0.00857236	2000.88
17082.6	0.00757089	2000.89
17084.8	0.00961055	2000.91
17086.6	0.00867711	2000.92
17088.8	0.00710848	2000.93
17091	0.00868911	2000.95
17092.8	0.0130039	2000.96
17095	0.011233	2000.97
17096.8	0.0150699	2000.98
17099	0.0123722	2001
17101.2	0.0117968	2001.01
17103	0.0131286	2001.02
17105.2	0.0154848	2001.04
17107.4	0.0168773	2001.05
17109.2	0.0127993	2001.06
17111.4	0.0130246	2001.08
17113.2	0.0125931	2001.09
17115.4	0.0142561	2001.1
17117.6	0.0152723	2001.12

Table B2. LA-ICPMS analyses of sample A-I-2

Distance from coral center (microns)	P/Ca (mmol/mol)	Cd/Ca (umol/mol)	Ba/Ca (umol/mol)	Year (AD)
0	0.629656	10.9663	15.5459	1808.49
9.95026	0.593563	7.38381	16.5946	1808.72
19.9005	0.522002	8.1567	16.5947	1808.96
29.8508	0.532902	9.61404	17.5016	1809.19
39.801	0.550343	9.07288	21.7639	1809.43
49.7513	0.476086	8.77399	19.2554	1809.66
59.7016	0.430129	8.99862	17.1253	1809.89
69.6518	0.437629	11.3137	18.4042	1810.13
79.6021	0.451042	11.4352	15.565	1810.36
89.5524	0.448983	9.6988	16.8924	1810.6
99.5026	0.469448	10.8939	15.2398	1810.83
109.453	0.490387	8.17997	16.5724	1811.06
119.403	0.64883	11.7508	20.9352	1811.3
129.353	0.67197	10.2311	18.5874	1811.53
139.304	0.563132	9.01151	13.773	1811.77
149.254	0.65972	11.5828	20.856	1811.9
159.204	0.536076	10.7329	15.0057	1812.01
169.154	0.589787	12.7063	14.8746	1812.13
179.105	0.701687	16.3653	17.6977	1812.25
189.055	0.551304	13.5939	14.6731	1812.36
199.005	0.587044	12.3929	15.1125	1812.48
208.955	0.631929	10.683	14.2295	1812.6
218.906	0.597776	10.5311	15.1646	1812.71
228.856	0.704525	11.5014	15.1688	1812.84
238.806	0.654805	10.2419	15.462	1812.98
248.757	0.649276	12.5133	14.7874	1813.11
258.707	0.53156	11.3654	17.3683	1813.25
268.657	0.650223	15.2289	14.6292	1813.39
278.607	0.545823	14.4232	16.3058	1813.53
288.558	0.593395	14.4588	15.9315	1813.66
298.508	0.551972	14.469	15.4022	1813.8
308.458	0.558789	12.1771	15.9729	1813.97
318.408	0.637178	12.6848	14.4007	1814.14
328.359	0.655915	13.3014	16.1063	1814.31
338.309	0.665297	12.6242	14.8998	1814.47
348.259	0.741041	11.4882	14.3049	1814.64
358.209	0.66827	12.4917	16.2539	1814.81
368.16	0.670594	12.6071	12.8591	1815
378.11	0.624211	16.5696	14.6002	1815.2
388.06	0.611738	14.0421	13.207	1815.39
398.01	0.663106	15.4802	14.0054	1815.59
407.961	0.603184	14.4667	12.8923	1815.78
417.911	0.658064	18.8364	12.5091	1815.93
427.861	0.551473	15.6345	13.1589	1816.08
437.812	0.620116	19.2277	13.663	1816.22

447.762	0.530573	20.9744	13.8686	1816.37
457.712	0.603847	15.742	14.2258	1816.52
467.662	0.602792	13.5498	12.9422	1816.66
477.613	0.59264	16.3697	13.9649	1816.81
487.563	0.599703	17.3256	14.6009	1816.99
497.513	0.569459	14.842	14.1228	1817.17
507.463	0.640892	15.2594	14.0251	1817.35
517.414	0.558165	15.3065	13.7958	1817.53
527.364	0.63225	18.5792	13.167	1817.71
537.314	0.630925	18.0935	12.7838	1817.85
547.264	0.651868	20.1578	12.1814	1817.97
557.215	0.631322	20.4334	11.2006	1818.08
567.165	0.62664	21.0066	14.9053	1818.19
577.115	0.714375	21.2544	13.8342	1818.3
587.065	0.587568	20.4496	12.8226	1818.41
597.016	0.642375	19.459	12.7384	1818.52
606.966	0.606337	18.2339	14.2928	1818.63
616.916	0.661123	22.0459	12.671	1818.75
626.866	0.554274	21.0597	11.971	1818.95
636.817	0.597926	24.5652	13.7606	1819.21
646.767	0.662492	23.1509	12.9461	1819.47
656.717	0.553207	19.3644	14.572	1819.73
666.668	0.595195	21.2895	13.8239	1819.94
676.618	0.566558	25.0011	12.8692	1820.13
686.568	0.51418	22.3939	12.1161	1820.33
696.518	0.542021	22.2043	14.9113	1820.52
706.469	0.517758	18.8091	13.1136	1820.72
716.419	0.526354	22.7164	12.5448	1820.89
726.369	0.527541	21.8812	12.2365	1821.04
736.319	0.426798	23.0259	11.7748	1821.2
746.27	0.528271	28.7049	13.2465	1821.36
756.22	0.516027	20.8153	13.2612	1821.51
766.17	0.497362	24.341	12.2203	1821.67
776.12	0.460459	28.6574	12.6279	1821.82
786.071	0.469976	27.9088	13.0622	1821.94
796.021	0.459354	24.1255	12.857	1822.06
805.971	0.470879	31.4263	13.5557	1822.31
815.921	0.499405	32.8161	12.0382	1822.43
825.872	0.37614	27.9591	13.6802	1822.56
835.822	0.492389	27.1058	14.1501	1822.68
845.772	0.38545	25.6958	13.2353	1822.8
855.723	0.435452	30.6086	14.7742	1822.91
865.673	0.489181	23.3543	14.135	1823.02
875.623	0.443322	19.0701	12.4889	1823.13
885.573	0.517352	22.2481	15.0056	1823.25
895.524	0.420012	26.0254	13.6608	1823.36
905.474	0.502647	23.2828	13.9801	1823.47
915.424	0.523962	25.6585	15.318	1823.58
925.374	0.470079	27.1163	13.818	1823.69

935.325	0.574317	35.5096	14.3419	1823.81
945.275	0.522533	30.9328	12.0124	1823.96
955.225	0.56917	32.5676	12.4923	1824.12
965.175	0.477993	30.6957	11.4645	1824.28
975.126	0.533117	30.3925	11.7678	1824.43
985.076	0.424305	29.5236	13.529	1824.59
995.026	0.513849	31.1742	12.8272	1824.74
1004.98	0.501303	30.8659	12.8883	1824.87
1014.93	0.4777	33.6985	11.6855	1824.98
1024.88	0.472114	25.4029	11.3067	1825.09
1034.83	0.507947	29.6003	11.1268	1825.2
1044.78	0.559037	29.312	12.2315	1825.31
1054.73	0.541352	24.1067	13.698	1825.43
1064.68	0.517206	26.2399	13.2926	1825.54
1074.63	0.505375	27.3944	11.9188	1825.65
1084.58	0.499632	27.7125	12.9752	1825.76
1094.53	0.541397	31.5076	13.1029	1825.95
1104.48	0.537498	27.927	13.3197	1826.16
1114.43	0.452141	30.3663	13.7945	1826.37
1124.38	0.530081	28.8207	12.726	1826.58
1134.33	0.459105	26.5856	14.5239	1826.79
1144.28	0.492413	28.156	13.4379	1826.91
1154.23	0.564584	31.9403	10.98	1827.14
1164.18	0.439764	29.3098	12.8568	1827.26
1174.13	0.507916	25.6012	12.5644	1827.38
1184.08	0.462798	31.0038	12.695	1827.5
1194.03	0.431538	28.7537	12.9039	1827.61
1203.98	0.478274	30.5329	13.004	1827.73
1213.93	0.515134	28.2587	12.5919	1827.88
1223.88	0.504593	24.6616	13.2433	1828.08
1233.83	0.478216	26.9941	14.0929	1828.27
1243.78	0.535757	30.1708	14.2374	1828.47
1253.73	0.463641	30.4536	13.1709	1828.66
1263.68	0.474905	31.2438	13.2518	1828.88
1273.63	0.507062	28.6352	12.2484	1829.14
1283.58	0.491438	27.9485	12.0748	1829.4
1293.53	0.479209	36.1646	12.7706	1829.66
1303.48	0.585398	33.2813	11.782	1829.91
1313.43	0.481438	29.1648	11.0709	1830.14
1323.38	0.410949	30.8534	13.7084	1830.38
1333.34	0.451364	28.4208	13.174	1830.61
1343.29	0.399731	23.4707	13.0201	1830.82
1353.24	0.459418	27.5826	12.4354	1830.97
1363.19	0.453561	26.3372	13.9868	1831.12
1373.14	0.434197	24.5126	13.168	1831.26
1383.09	0.453631	27.0884	13.2696	1831.41
1393.04	0.566118	25.1587	12.5727	1831.56
1402.99	0.404281	26.4144	13.0101	1831.7
1412.94	0.50494	24.0338	13.8092	1831.83

1422.89	0.416646	20.4739	11.4947	1831.94
1432.84	0.408146	24.4772	13.1943	1832.05
1442.79	0.440828	23.1772	11.5657	1832.15
1452.74	0.409071	25.2327	11.0315	1832.26
1462.69	0.426852	26.5657	11.4959	1832.36
1472.64	0.439016	31.2783	13.4522	1832.47
1482.59	0.431052	27.5369	12.6393	1832.58
1492.54	0.393226	25.1629	12.8495	1832.68
1502.49	0.404358	25.3887	11.3656	1832.79
1512.44	0.478387	30.0116	13.0627	1832.92
1522.39	0.422007	27.5845	12.8631	1833.05
1532.34	0.437988	26.806	12.0961	1833.17
1542.29	0.521847	30.4029	12.2446	1833.3
1552.24	0.462496	32.4902	12.9551	1833.43
1562.19	0.529156	29.6245	14.0251	1833.56
1572.14	0.505214	32.1345	13.0888	1833.69
1582.09	0.419858	30.4548	11.5249	1833.82
1592.04	0.425412	34.0816	12.4516	1833.95
1601.99	0.404098	30.3657	13.0839	1834.08
1611.94	0.422099	27.2132	12.7787	1834.21
1621.89	0.421664	26.5811	12.2859	1834.34
1631.84	0.407008	28.0231	13.3209	1834.47
1641.79	0.422961	27.6982	12.1703	1834.61
1651.74	0.415034	23.8685	12.2976	1834.74
1661.69	0.414508	28.4151	12.4246	1834.88
1671.64	0.452877	24.9522	12.0495	1835.04
1681.59	0.489734	29.8692	12.8147	1835.2
1691.54	0.53954	29.1381	14.0307	1835.35
1701.49	0.557561	27.1302	12.619	1835.51
1711.45	0.525964	31.6172	15.3398	1835.66
1721.4	0.453468	26.6051	12.5376	1835.81
1731.35	0.488442	26.5815	14.4055	1835.9
1741.3	0.493865	27.7557	13.9391	1836
1751.25	0.394847	25.5063	12.9894	1836.09
1761.2	0.415584	24.1947	14.3844	1836.18
1771.15	0.399182	23.1623	13.1296	1836.28
1781.1	0.39109	24.4619	13.3882	1836.37
1791.05	0.398223	25.8729	13.3735	1836.46
1801	0.402311	26.2149	12.0346	1836.56
1810.95	0.392517	28.152	14.0202	1836.65
1820.9	0.467348	29.204	12.3776	1836.74
1830.85	0.493178	33.8387	13.07	1836.83
1840.8	0.479466	29.9509	12.9982	1836.92
1850.75	0.448127	34.0535	13.0596	1837
1860.7	0.473665	34.0284	13.1359	1837.08
1870.65	0.438833	29.9089	12.9909	1837.17
1880.6	0.534709	27.2883	14.407	1837.25
1890.55	0.370311	35.2959	12.2719	1837.33
1900.5	0.411914	30.8901	11.7533	1837.42

1910.45	0.414463	32.7925	13.5905	1837.5
1920.4	0.363363	28.8188	12.8037	1837.58
1930.35	0.32669	32.7096	11.7393	1837.67
1940.3	0.426521	33.0049	13.6176	1837.75
1950.25	0.47895	32.0133	14.2163	1837.83
1960.2	0.42459	25.4249	13.3306	1837.91
1970.15	0.439972	31.5729	10.9962	1838
1980.1	0.459946	29.5423	10.5336	1838.08
1990.05	0.541635	32.8836	11.0932	1838.16
2000	0.491922	30.1615	11.641	1838.24
2009.95	0.483968	34.0786	11.6559	1838.32
2019.9	0.515377	33.6098	12.0703	1838.4
2029.85	0.518803	28.1756	11.8746	1838.48
2039.8	0.507994	36.1371	11.0423	1838.56
2049.75	0.564511	40.4628	13.8751	1838.64
2059.7	0.524553	37.1858	11.9477	1838.72
2069.65	0.505372	44.9672	12.0207	1838.81
2079.6	0.487671	38.6902	11.9577	1838.98
2089.55	0.422792	41.6443	10.1925	1839.15
2099.51	0.471122	37.8924	14.0094	1839.32
2109.46	0.504645	32.0933	12.4911	1839.48
2119.41	0.498517	34.9371	14.1808	1839.65
2129.36	0.491577	32.6433	12.5087	1839.81
2139.31	0.479618	35.1942	12.9763	1839.97
2149.26	0.565684	35.0855	14.1054	1840.13
2159.21	0.423484	37.3219	12.2022	1840.28
2169.16	0.483303	42.6382	13.1893	1840.44
2179.11	0.468533	40.4067	11.372	1840.59
2189.06	0.425446	38.5281	11.7692	1840.75
2199.01	0.446762	34.9882	13.3923	1840.88
2208.96	0.486208	31.2064	12.0635	1840.99
2218.91	0.429916	31.3175	11.7117	1841.11
2228.86	0.650144	42.0044	17.0634	1841.23
2238.81	0.435152	36.4054	16.0231	1841.35
2248.76	0.499996	32.6874	16.6152	1841.46
2258.71	0.46024	31.25	18.1433	1841.58
2268.66	0.431611	27.4568	17.827	1841.7
2278.61	0.430982	27.3246	15.9682	1841.81
2288.56	0.457949	25.3185	13.8283	1841.9
2298.51	0.439065	27.0891	12.5068	1842
2308.46	0.40215	30.6619	12.1507	1842.09
2318.41	0.490991	29.4121	13.8095	1842.19
2328.36	0.469299	33.1056	12.458	1842.28
2338.31	0.494354	32.8526	13.4449	1842.38
2348.26	0.459229	38.8614	13.3077	1842.47
2358.21	0.484106	37.0593	12.4208	1842.56
2368.16	0.554134	29.0182	12.355	1842.66
2378.11	0.466494	32.7115	12.4657	1842.75
2388.06	0.439581	25.4616	13.2803	1842.88

2398.01	0.448559	21.2266	12.1149	1843.02
2407.96	0.408728	23.209	11.2502	1843.17
2417.91	0.515741	24.5329	13.4795	1843.31
2427.86	0.383113	23.1554	13.205	1843.45
2437.81	0.420078	23.974	12.2608	1843.6
2447.76	0.445608	24.7295	11.9242	1843.74
2457.71	0.448018	23.0638	12.7045	1843.92
2467.66	0.397746	30.519	12.4343	1844.12
2477.62	0.47981	30.1047	14.0555	1844.31
2487.57	0.415093	32.92	12.0716	1844.51
2497.52	0.410457	34.7516	11.242	1844.7
2507.47	0.395491	34.2761	11.3592	1844.84
2517.42	0.408538	31.0272	12.789	1844.93
2527.37	0.442027	30.5832	13.7344	1845.02
2537.32	0.445744	32.4912	13.1983	1845.11
2547.27	0.488256	30.5202	13.6248	1845.2
2557.22	0.425849	28.8366	12.5617	1845.29
2567.17	0.436328	26.5698	11.8754	1845.38
2577.12	0.407479	30.2989	13.078	1845.47
2587.07	0.454488	28.5352	11.6542	1845.56
2597.02	0.470154	30.7954	13.1197	1845.65
2606.97	0.43328	24.3359	12.5335	1845.74
2616.92	0.415444	27.0593	12.3485	1845.87
2626.87	0.503452	27.4884	11.9955	1846.06
2636.82	0.466749	31.2072	14.0695	1846.25
2646.77	0.592769	30.1	12.4399	1846.44
2656.72	0.497541	36.5351	13.3408	1846.63
2666.67	0.411088	27.5355	12.1385	1846.82
2676.62	0.464762	33.2146	13.6376	1847
2686.57	0.490125	30.5037	10.5159	1847.19
2696.52	0.479575	31.9234	12.9561	1847.37
2706.47	0.447634	34.673	13.7129	1847.56
2716.42	0.426409	37.3087	11.8734	1847.74
2726.37	0.439153	33.1038	12.4145	1847.85
2736.32	0.448293	37.0022	13.1691	1847.94
2746.27	0.441491	33.7388	12.0338	1848.02
2756.22	0.452259	29.8999	12.1199	1848.1
2766.17	0.534449	30.0366	12.2532	1848.19
2776.12	0.455785	30.9036	12.3201	1848.27
2786.07	0.437508	26.7841	12.2583	1848.35
2796.02	0.476283	25.0691	14.1505	1848.44
2805.97	0.549875	27.0123	13.9146	1848.52
2815.92	0.549468	23.3712	13.6764	1848.6
2825.87	0.520522	24.3898	13.2258	1848.69
2835.82	0.513789	28.4806	16.4182	1848.77
2845.77	0.549645	27.8299	14.3453	1848.96
2855.73	0.442719	32.724	11.2994	1849.17
2865.68	0.512033	34.5044	13.187	1849.38
2875.63	0.491787	37.1027	12.1963	1849.59

2885.58	0.49688	34.3634	12.7943	1849.8
2895.53	0.494221	32.4966	11.6369	1849.88
2905.48	0.481441	35.3928	13.3002	1849.96
2915.43	0.533585	32.9613	15.1972	1850.05
2925.38	0.588096	32.489	12.438	1850.13
2935.33	0.664017	37.7729	14.1328	1850.21
2945.28	0.592478	38.8231	12.3808	1850.3
2955.23	0.511321	39.4029	12.0007	1850.38
2965.18	0.630276	36.8606	12.9197	1850.47
2975.13	0.600423	45.4053	12.4936	1850.55
2985.08	0.520406	38.7239	11.3777	1850.63
2995.03	0.515153	38.1335	11.6519	1850.72
3004.98	0.581319	38.811	11.4769	1850.81
3014.93	0.505969	34.2707	14.5534	1850.99
3024.88	0.496001	32.761	12.2062	1851.17
3034.83	0.565008	36.2308	14.6091	1851.35
3044.78	0.496534	37.3525	13.3012	1851.53
3054.73	0.448241	31.6983	12.6895	1851.71
3064.68	0.459405	28.212	12.527	1851.9
3074.63	0.39623	26.7267	12.6594	1852.09
3084.58	0.479667	28.8358	12.6944	1852.29
3094.53	0.500389	32.8169	13.0164	1852.48
3104.48	0.500396	26.8313	12.1499	1852.68
3114.43	0.474721	37.2821	12.7236	1852.88
3124.38	0.483824	36.502	11.0805	1853.09
3134.33	0.557501	38.1835	11.7927	1853.31
3144.28	0.425496	35.2787	11.7096	1853.52
3154.23	0.45259	33.6365	12.7624	1853.73
3164.18	0.444953	30.234	12.3427	1853.93
3174.13	0.524716	39.9654	13.0627	1854.13
3184.08	0.631695	40.1123	15.5789	1854.32
3194.03	0.560541	33.6023	16.0626	1854.52
3203.98	0.553719	37.5624	13.7231	1854.71
3213.93	0.605926	34.6083	15.9757	1854.84
3223.88	0.563453	31.241	11.8057	1854.92
3233.84	0.538394	30.4241	13.0238	1855.01
3243.79	0.446114	30.9862	11.0321	1855.09
3253.74	0.424573	31.8522	13.4331	1855.17
3263.69	0.378031	30.9701	12.8961	1855.26
3273.64	0.385706	30.4981	11.9397	1855.34
3283.59	0.418091	40.0038	13.0609	1855.42
3293.54	0.420345	33.4116	12.1806	1855.51
3303.49	0.329898	33.1879	12.1813	1855.59
3313.44	0.415619	34.3548	13.0495	1855.68
3323.39	0.379204	31.9286	11.8458	1855.76
3333.34	0.456953	35.8835	18.0471	1855.87
3343.29	0.364745	33.0522	15.2703	1855.99
3353.24	0.41692	27.4751	13.3604	1856.11
3363.19	0.452757	25.3454	14.5462	1856.24

3373.14	0.470171	23.0175	13.3096	1856.36
3383.09	0.462337	25.9923	13.0442	1856.48
3393.04	0.637803	28.2638	15.0068	1856.61
3402.99	0.6119	30.9549	14.6567	1856.73
3412.94	0.619732	34.0543	14.0547	1856.86
3422.89	0.527458	40.0983	13.1071	1856.99
3432.84	0.501982	32.7074	12.1571	1857.12
3442.79	0.506701	45.4266	14.6049	1857.25
3452.74	0.41384	29.8654	12.8145	1857.38
3462.69	0.323628	24.6203	13.7212	1857.51
3472.64	0.327595	25.8381	15.7063	1857.64
3482.59	0.334878	23.5009	15.9455	1857.77
3492.54	0.281851	34.34	16.9174	1857.88
3502.49	0.320746	26.9163	16.4511	1857.98
3512.44	0.282366	24.4118	14.0704	1858.09
3522.39	0.393401	29.384	17.07	1858.2
3532.34	0.335017	26.6695	14.2648	1858.3
3542.29	0.350333	35.3845	16.9163	1858.41
3552.24	0.451353	30.6856	15.4082	1858.52
3562.19	0.430107	27.286	13.2393	1858.62
3572.14	0.393273	31.1324	12.9299	1858.73
3582.09	0.398319	33.1071	12.9611	1858.87
3592.04	0.371104	31.3904	13.2894	1859.07
3601.99	0.450259	35.1802	12.4502	1859.26
3611.95	0.558677	42.2761	14.071	1859.46
3621.9	0.54044	43.1698	11.1968	1859.65
3631.85	0.531364	52.0756	16.2676	1859.86
3641.8	0.536963	52.0825	14.1762	1860.12
3651.75	0.516886	47.0738	10.8589	1860.38
3661.7	0.432154	43.2678	12.3946	1860.64
3671.65	0.580872	38.8258	12.8792	1860.83
3681.6	0.470706	43.3889	12.6943	1860.94
3691.55	0.472415	39.5221	13.8871	1861.04
3701.5	0.551169	35.3662	14.5199	1861.14
3711.45	0.490224	31.5086	12.1174	1861.24
3721.4	0.5043	31.3859	13.2324	1861.34
3731.35	0.407475	28.3042	12.8925	1861.45
3741.3	0.435819	27.5664	11.7661	1861.55
3751.25	0.466879	29.1947	10.9907	1861.65
3761.2	0.505655	29.9634	12.2012	1861.75
3771.15	0.525045	33.2507	12.6613	1861.93
3781.1	0.564813	35.9037	13.2708	1862.17
3791.05	0.494079	30.6099	11.027	1862.4
3801	0.649766	32.3451	13.8856	1862.64
3810.95	0.521062	29.5055	12.5933	1862.82
3820.9	0.576457	27.2665	14.7956	1862.91
3830.85	0.534342	27.7343	14.3117	1862.99
3840.8	0.536585	26.8313	12.8071	1863.08
3850.75	0.431459	21.0853	12.2073	1863.17

3860.7	0.501692	29.1306	13.7456	1863.25
3870.65	0.374729	24.7804	11.8701	1863.34
3880.6	0.461755	30.5618	11.6586	1863.43
3890.55	0.443701	28.0268	12.18	1863.51
3900.5	0.433815	32.4858	11.7327	1863.6
3910.45	0.465449	32.6449	12.6138	1863.69
3920.4	0.520607	34.1	13.9665	1863.77
3930.35	0.492526	35.7665	14.2255	1863.87
3940.3	0.499369	37.8166	13.3956	1863.98
3950.25	0.45389	28.8056	13.3131	1864.09
3960.2	0.441103	31.8931	13.0535	1864.19
3970.15	0.431509	30.6184	11.1266	1864.3
3980.1	0.534108	34.6046	11.5777	1864.41
3990.05	0.488229	31.1556	11.717	1864.51
4000.01	0.601336	36.8762	12.694	1864.62
4009.96	0.545686	31.4389	13.5392	1864.73
4019.91	0.516006	32.8012	11.4963	1864.86
4029.86	0.431509	30.5997	10.8675	1865.02
4039.81	0.464916	31.3591	11.7256	1865.19
4049.76	0.43588	32.7782	11.3686	1865.36
4059.71	0.921776	35.7375	12.5306	1865.52
4069.66	0.431894	27.1334	12.6325	1865.69
4079.61	0.441809	32.0415	12.2203	1865.83
4089.56	0.462238	31.3857	12.2172	1865.94
4099.51	0.544913	40.0589	14.7861	1866.05
4109.46	0.509187	42.409	12.7839	1866.15
4119.41	0.427494	39.3897	12.8082	1866.26
4129.36	0.419549	39.5029	11.7958	1866.37
4139.31	0.456156	41.9778	14.0385	1866.47
4149.26	0.467684	37.1228	11.8102	1866.58
4159.21	0.465382	31.1347	11.2331	1866.68
4169.16	0.4415	26.8438	11.264	1866.79
4179.11	0.481386	25.6966	12.6024	1866.99
4189.06	0.511729	26.802	12.8153	1867.18
4199.01	0.465413	27.7409	11.5581	1867.38
4208.96	0.594439	28.8	13.6786	1867.57
4218.91	0.632093	30.5903	14.1472	1867.77
4228.86	0.541301	35.3402	13.9081	1867.91
4238.81	0.584754	32.1546	14.3529	1868.05
4248.76	0.5245	38.6316	12.4797	1868.19
4258.71	0.509286	33.4218	13.212	1868.32
4268.66	0.494948	29.9336	12.5631	1868.46
4278.61	0.528831	36.4472	13.5988	1868.6
4288.56	0.3766	29.5522	10.8633	1868.74
4298.51	0.494857	31.4512	13.837	1868.9
4308.46	0.475601	33.4308	12.5551	1869.08
4318.41	0.453413	32.5641	13.5004	1869.26
4328.36	0.50335	32.8752	13.4721	1869.44
4338.31	0.490121	28.5879	11.4057	1869.62

4348.26	0.569132	26.1917	13.3555	1869.8
4358.21	0.434118	28.8292	12.2096	1869.9
4368.16	0.537383	28.9995	13.1738	1870.01
4378.12	0.500516	31.408	11.6457	1870.11
4388.07	0.476704	33.0399	11.8799	1870.22
4398.02	0.548801	36.1355	14.062	1870.33
4407.97	0.520209	37.3619	12.8181	1870.43
4417.92	0.54044	43.7234	12.3199	1870.54
4427.87	0.467753	38.3954	12.4403	1870.65
4437.82	0.471416	38.5255	11.9306	1870.75
4447.77	0.516311	43.0339	13.0256	1870.83
4457.72	0.497344	37.325	10.797	1870.9
4467.67	0.490851	40.6175	13.406	1870.97
4477.62	0.463833	41.754	12.3356	1871.03
4487.57	0.44594	39.4989	11.8376	1871.1
4497.52	0.517776	44.1378	13.0647	1871.17
4507.47	0.484642	48.7685	13.6494	1871.23
4517.42	0.540213	44.0676	12.2428	1871.3
4527.37	0.504384	39.9078	12.7027	1871.37
4537.32	0.544711	43.1014	13.3165	1871.44
4547.27	0.513304	44.1549	12.6298	1871.5
4557.22	0.445894	39.2639	14.1702	1871.57
4567.17	0.527508	39.51	14.4349	1871.64
4577.12	0.490828	45.8402	14.7053	1871.7
4587.07	0.58266	39.8682	14.4151	1871.77
4597.02	0.524126	41.6289	14.6231	1871.95
4606.97	0.460984	38.1031	13.9583	1872.18
4616.92	0.48582	39.992	15.4201	1872.42
4626.87	0.53874	38.552	15.2131	1872.65
4636.82	0.492923	37.7183	13.8548	1872.83
4646.77	0.438302	38.1056	12.412	1872.92
4656.72	0.580415	39.0065	13.7467	1873.02
4666.67	0.547928	40.5334	14.8325	1873.11
4676.62	0.519964	41.4808	14.2789	1873.2
4686.57	0.576729	46.3072	13.6393	1873.3
4696.52	0.547172	40.9716	14.9626	1873.39
4706.47	0.489124	38.8403	13.4379	1873.48
4716.42	0.530397	43.6468	15.9172	1873.58
4726.37	0.467422	43.4201	13.2242	1873.67
4736.32	0.55254	38.823	13.6375	1873.77
4746.27	0.457131	46.2706	13.0951	1873.96
4756.23	0.536539	39.2768	12.4582	1874.2
4766.18	0.558242	42.337	11.0291	1874.43
4776.13	0.456458	35.6916	11.7861	1874.66
4786.08	0.518814	37.4182	11.5416	1874.84
4796.03	0.4195	33.287	11.1633	1874.95
4805.98	0.417104	37.7108	12.7594	1875.06
4815.93	0.512075	32.8256	14.0748	1875.18
4825.88	0.46219	33.4874	12.796	1875.29

4835.83	0.415238	36.6129	14.8615	1875.4
4845.78	0.454857	31.3359	13.6762	1875.51
4855.73	0.436554	34.8738	14.0362	1875.62
4865.68	0.485138	29.1746	14.4731	1875.73
4875.63	0.545471	34.409	14.5865	1875.84
4885.58	0.517598	28.9442	14.2772	1875.94
4895.53	0.480114	36.1968	23.018	1876.04
4905.48	0.515236	38.7249	13.7505	1876.14
4915.43	0.514629	39.1143	14.0351	1876.25
4925.38	0.485447	34.438	12.4874	1876.35
4935.33	0.515555	34.4532	12.7937	1876.45
4945.28	0.500394	34.9959	13.2199	1876.55
4955.23	0.446867	36.616	15.1043	1876.65
4965.18	0.524365	38.3057	14.5214	1876.75
4975.13	0.466988	38.2151	14.1416	1876.91
4985.08	0.488969	33.9097	14.969	1877.09
4995.03	0.405174	40.1399	13.5515	1877.27
5004.98	0.393169	40.3286	12.7515	1877.45
5014.93	0.445491	34.784	12.5987	1877.63
5024.88	0.470949	40.5234	11.7969	1877.8
5034.83	0.450969	38.9202	11.7435	1877.91
5044.78	0.445081	32.5868	11.829	1878.02
5054.73	0.446619	37.5005	12.1694	1878.13
5064.68	0.503522	33.101	13.4588	1878.25
5074.63	0.43799	33.0893	12.5649	1878.36
5084.58	0.476167	36.8124	13.9091	1878.47
5094.53	0.445792	36.455	12.7953	1878.58
5104.48	0.487038	32.9709	12.6565	1878.69
5114.43	0.433861	34.0141	12.9097	1878.8
5124.38	0.506561	40.7071	14.5832	1878.89
5134.34	0.449236	32.8161	14.1884	1878.98
5144.29	0.432848	36.5703	12.2751	1879.07
5154.24	0.450307	34.124	12.9944	1879.16
5164.19	0.411506	33.725	11.7405	1879.25
5174.14	0.409641	37.6598	13.3597	1879.34
5184.09	0.475094	37.2422	11.7509	1879.43
5194.04	0.422507	34.1208	12.126	1879.52
5203.99	0.475107	37.2389	12.7291	1879.61
5213.94	0.466735	31.51	12.3115	1879.7
5223.89	0.482194	34.4738	13.8447	1879.79
5233.84	0.477291	34.2889	14.0295	1879.92
5243.79	0.446922	32.0786	12.2917	1880.05
5253.74	0.524377	39.5824	15.3881	1880.18
5263.69	0.44674	29.2491	13.0559	1880.31
5273.64	0.431001	34.0162	13.2457	1880.44
5283.59	0.363211	33.2739	11.563	1880.57
5293.54	0.440086	36.6941	14.3136	1880.7
5303.49	0.452194	37.5749	12.0038	1880.84
5313.44	0.49429	36.262	11.7887	1881.01

5323.39	0.440348	36.6297	13.138	1881.18
5333.34	0.461451	30.4862	13.6286	1881.34
5343.29	0.428063	25.3201	11.773	1881.51
5353.24	0.504426	24.2959	11.2277	1881.68
5363.19	0.502128	22.49	13.2259	1881.83
5373.14	0.490242	19.8315	12.0164	1881.95
5383.09	0.446145	18.167	11.7608	1882.06
5393.04	0.454883	18.9442	11.4417	1882.18
5402.99	0.503672	21.5607	12.2998	1882.3
5412.94	0.478231	19.7183	12.4143	1882.41
5422.89	0.415433	21.4234	12.5831	1882.53
5432.84	0.455368	21.4872	11.9441	1882.65
5442.79	0.524525	25.1981	13.8221	1882.76
5452.74	0.499134	21.2483	12.025	1882.93
5462.69	0.431754	22.995	13.9424	1883.11
5472.64	0.490978	28.4085	11.0773	1883.29
5482.59	0.468668	27.5466	12.9506	1883.47
5492.54	0.453147	29.6814	12.1567	1883.65
5502.49	0.452421	23.5567	11.6945	1883.81
5512.45	0.429816	29.0886	12.778	1883.87
5522.4	0.44437	24.1966	13.6944	1883.94
5532.35	0.482728	25.783	13.0817	1884.01
5542.3	0.483463	23.3321	11.5841	1884.07
5552.25	0.482991	25.9235	11.0644	1884.14
5562.2	0.431957	25.202	13.6046	1884.21
5572.15	0.453227	32.2048	13.3865	1884.27
5582.1	0.461668	29.1983	11.482	1884.34
5592.05	0.433379	28.9175	12.401	1884.41
5602	0.394596	28.615	13.1873	1884.47
5611.95	0.396731	29.5859	12.9398	1884.54
5621.9	0.461452	27.5694	13.161	1884.61
5631.85	0.39236	25.024	15.6229	1884.67
5641.8	0.434171	24.3747	16.7539	1884.74
5651.75	0.397922	26.202	14.6945	1884.85
5661.7	0.462386	28.7773	14.5199	1885.09
5671.65	0.423664	27.6989	14.1538	1885.32
5681.6	0.441701	24.6242	12.9484	1885.56
5691.55	0.474781	29.9108	14.6642	1885.79
5701.5	0.445982	31.7087	12.0657	1885.89
5711.45	0.479916	34.0208	12.8196	1885.98
5721.4	0.479821	36.0803	13.7214	1886.08
5731.35	0.468553	32.8394	13.9789	1886.18
5741.3	0.430107	31.3291	11.5218	1886.28
5751.25	0.438309	32.9724	11.6707	1886.47
5761.2	0.459084	32.4002	12.3037	1886.57
5771.15	0.527573	34.4955	11.482	1886.67
5781.1	0.435413	32.2335	11.8579	1886.76
5791.05	0.462798	32.9555	11.8082	1886.88
5801	0.409255	33.0954	13.7103	1886.99

5810.95	0.460548	35.378	11.8536	1887.11
5820.9	0.515346	38.5953	13.0921	1887.23
5830.85	0.37503	32.6192	11.6038	1887.34
5840.8	0.479644	37.0566	12.8336	1887.46
5850.75	0.420691	34.2919	12.9152	1887.58
5860.7	0.571981	36.8037	13.7392	1887.69
5870.65	0.496613	37.756	12.9523	1887.81
5880.6	0.436024	30.9824	12.5853	1887.92
5890.55	0.619853	39.5491	12.0083	1888.03
5900.51	0.62454	46.1154	17.0208	1888.14
5910.46	0.413923	33.3663	13.2401	1888.26
5920.41	0.440555	32.6237	12.2067	1888.37
5930.36	0.465744	36.6536	12.2415	1888.48
5940.31	0.449375	42.8338	12.9052	1888.59
5950.26	0.506316	39.5178	13.4193	1888.7
5960.21	0.487737	46.0354	12.4039	1888.82
5970.16	0.429676	43.2554	12.8865	1888.94
5980.11	0.438102	42.2868	12.6248	1889.06
5990.06	0.434019	38.239	13.5223	1889.19
6000.01	0.49709	37.8333	14.5027	1889.31
6009.96	0.512131	31.2526	14.0948	1889.43
6019.91	0.425052	36.3993	12.9536	1889.55
6029.86	0.423755	31.2788	12.8008	1889.68
6039.81	0.58326	35.1008	13.2477	1889.81
6049.76	0.586931	29.0746	14.3341	1890.04
6059.71	0.618425	27.6841	14.3707	1890.28
6069.66	0.65453	23.8954	12.7605	1890.51
6079.61	0.675921	32.5357	14.9076	1890.75
6089.56	0.598724	34.9837	13.1026	1890.9
6099.51	0.585514	33.6072	12.5009	1891.04
6109.46	0.55357	41.9719	13.2195	1891.18
6119.41	0.57049	40.8617	12.1484	1891.32
6129.36	0.576634	39.6632	13.156	1891.45
6139.31	0.552609	40.0117	12.0405	1891.59
6149.26	0.454481	39.8488	13.1073	1891.73
6159.21	0.453978	34.79	12.2613	1891.84
6169.16	0.524504	36.1402	12.5131	1891.93
6179.11	0.434635	36.0383	11.6431	1892.02
6189.06	0.384965	34.8375	12.9082	1892.11
6199.01	0.416642	39.4855	13.7412	1892.2
6208.96	0.435006	38.4072	13.8373	1892.29
6218.91	0.441515	41.0485	13.0658	1892.38
6228.86	0.453151	30.0922	13.0516	1892.47
6238.81	0.393174	35.3432	14.7338	1892.56
6248.76	0.453991	32.579	12.2725	1892.65
6258.71	0.510312	33.0845	13.6678	1892.74
6268.66	0.397733	30.1395	14.0671	1892.86
6278.62	0.373599	25.6381	13.2995	1893.01
6288.57	0.455335	32.3194	14.127	1893.17

6298.52	0.429835	34.9637	12.7883	1893.33
6308.47	0.470814	33.2288	13.4107	1893.48
6318.42	0.450647	28.5286	13.9384	1893.64
6328.37	0.422851	36.6095	14.1372	1893.79
6338.32	0.415127	30.7219	14.2959	1893.94
6348.27	0.418945	33.6383	13.4337	1894.09
6358.22	0.456583	31.5484	14.3046	1894.23
6368.17	0.457164	32.4846	13.5028	1894.38
6378.12	0.43001	30.7123	12.9646	1894.53
6388.07	0.385086	31.9224	12.1834	1894.67
6398.02	0.476581	35.0025	12.0987	1894.82
6407.97	0.460576	33.3272	12.5179	1894.95
6417.92	0.434871	28.1679	13.2099	1895.09
6427.87	0.432816	26.8104	13.9889	1895.23
6437.82	0.443359	34.6585	12.1604	1895.37
6447.77	0.431317	32.068	13.9742	1895.5
6457.72	0.400362	29.6317	13.94	1895.64
6467.67	0.371597	29.9198	13.6744	1895.78
6477.62	0.397237	30.1789	14.2571	1895.92
6487.57	0.400003	33.2008	12.3027	1896.05
6497.52	0.395317	34.4291	12.8736	1896.19
6507.47	0.40681	33.9301	13.0705	1896.33
6517.42	0.382835	32.8147	13.4638	1896.47
6527.37	0.399912	32.8709	12.0748	1896.61
6537.32	0.366991	28.3118	11.846	1896.74
6547.27	0.373445	35.2458	13.8649	1896.88
6557.22	0.426891	27.671	13.6549	1897.01
6567.17	0.455644	30.8313	13.8331	1897.14
6577.12	0.415157	31.1552	12.3608	1897.27
6587.07	0.364813	28.6648	13.5361	1897.4
6597.02	0.502968	31.1776	12.3208	1897.52
6606.97	0.493096	31.2114	14.3644	1897.65
6616.92	0.43146	31.109	12.7726	1897.78
6626.87	0.445119	28.5216	12.3937	1898.04
6636.82	0.410266	26.9598	13.2091	1898.3
6646.77	0.429756	32.3141	14.0654	1898.56
6656.73	0.462012	30.0842	12.8837	1898.81
6666.68	0.38951	28.5908	10.9742	1898.94
6676.63	0.468092	33.1587	12.887	1899.07
6686.58	0.411032	29.3224	11.3883	1899.2
6696.53	0.479791	29.6115	12.3191	1899.33
6706.48	0.435855	27.3685	18.0892	1899.46
6716.43	0.547661	28.0147	13.1181	1899.59
6726.38	0.493179	26.173	12.4564	1899.71
6736.33	0.426383	29.5009	12.67	1899.87
6746.28	0.481224	28.8706	12.3362	1900.05
6756.23	0.458524	35.1202	12.129	1900.23
6766.18	0.436727	35.137	12.3437	1900.41
6776.13	0.422047	31.3629	10.6458	1900.59

6786.08	0.456478	32.437	11.5895	1900.77
6796.03	0.510266	37.0127	13.4597	1900.91
6805.98	0.444386	36.5467	15.2332	1901.05
6815.93	0.455336	29.5663	11.8477	1901.18
6825.88	0.486545	28.6859	14.3659	1901.32
6835.83	0.390882	27.4807	12.367	1901.46
6845.78	0.465508	28.9716	14.0136	1901.6
6855.73	0.387643	28.2116	12.6293	1901.73
6865.68	0.403287	33.2996	13.8307	1901.86
6875.63	0.458571	31.6583	12.9485	1901.97
6885.58	0.384603	36.5861	12.0694	1902.08
6895.53	0.400242	38.2682	12.5467	1902.19
6905.48	0.442642	40.1668	11.4408	1902.3
6915.43	0.508818	40.8433	12.7359	1902.41
6925.38	0.443397	38.5698	11.9776	1902.53
6935.33	0.495867	39.3599	11.6589	1902.64
6945.28	0.486241	40.7175	13.3404	1902.75
6955.23	0.554433	39.0935	13.3862	1902.92
6965.18	0.483763	41.1637	12.8177	1903.14
6975.13	0.495247	40.6523	14.2115	1903.35
6985.08	0.423622	35.961	12.5362	1903.56
6995.03	0.435982	38.5416	13.435	1903.77
7004.98	0.411145	32.4624	13.0904	1903.91
7014.93	0.46764	34.7425	14.1809	1904.04
7024.88	0.442651	31.2681	13.5872	1904.17
7034.84	0.43095	31.6895	13.4204	1904.3
7044.79	0.466944	27.4099	13.6495	1904.43
7054.74	0.477183	33.816	14.2594	1904.56
7064.69	0.488995	38.3919	13.8146	1904.69
7074.64	0.476165	38.6476	12.9911	1904.83
7084.59	0.439023	38.8863	12.7147	1905.01
7094.54	0.723176	43.0877	13.4739	1905.19
7104.49	0.556392	40.0942	14.2828	1905.37
7114.44	0.550363	39.6952	13.8722	1905.55
7124.39	0.467815	36.6278	12.892	1905.73
7134.34	0.480484	37.2951	15.0002	1905.85
7144.29	0.5304	35.3185	14.4953	1905.93
7154.24	0.442601	29.8016	13.4676	1906.01
7164.19	0.53853	31.8454	14.163	1906.1
7174.14	0.505443	35.2147	14.1599	1906.18
7184.09	0.490127	32.7702	13.4739	1906.26
7194.04	0.561564	30.8733	14.7314	1906.35
7203.99	0.480541	28.231	12.7566	1906.43
7213.94	0.491	37.5502	15.66	1906.51
7223.89	0.526894	34.5941	16.4199	1906.6
7233.84	0.436079	32.0037	14.4831	1906.68
7243.79	0.471071	37.7783	16.4211	1906.77
7253.74	0.533863	32.0381	15.4272	1906.87
7263.69	0.491973	30.0008	15.1619	1906.99

7273.64	0.490592	29.7874	14.485	1907.11
7283.59	0.443073	28.8529	13.2645	1907.22
7293.54	0.470922	30.7818	15.334	1907.34
7303.49	0.468078	33.9028	12.8291	1907.46
7313.44	0.431317	32.068	11.6995	1907.57
7323.39	0.470294	32.1212	12.2709	1907.69
7333.34	0.471572	28.9574	13.3934	1907.81
7343.29	0.473363	30.5277	16.7791	1907.92
7353.24	0.436166	25.6433	15.8985	1908.03
7363.19	0.47286	32.1635	14.4542	1908.14
7373.14	0.575465	33.8876	14.4704	1908.25
7383.09	0.496961	34.8761	12.4633	1908.36
7393.04	0.573685	40.2246	14.3598	1908.48
7402.99	0.568521	34.6015	14.5846	1908.59
7412.95	0.486879	32.7854	14.4864	1908.7
7422.9	0.506855	36.1523	16.6684	1908.84
7432.85	0.415273	34.4684	13.396	1909.13
7442.8	0.517256	36.1855	14.4611	1909.43
7452.75	0.520034	40.0788	12.2493	1909.72
7462.7	0.401354	31.1614	13.873	1909.87
7472.65	0.40219	32.5989	14.3423	1909.99
7482.6	0.420195	33.965	13.2809	1910.1
7492.55	0.434956	39.1891	13.3048	1910.21
7502.5	0.46014	35.9646	11.9717	1910.32
7512.45	0.41412	34.7577	13.3236	1910.43
7522.4	0.445384	37.4788	14.9836	1910.54
7532.35	0.480026	34.3463	16.5072	1910.65
7542.3	0.487985	32.3225	17.0679	1910.77
7552.25	0.415842	27.6341	15.1582	1910.91
7562.2	0.437609	30.6942	15.2934	1911.05
7572.15	0.428872	32.0895	15.7631	1911.2
7582.1	0.430183	35.3762	14.6852	1911.34
7592.05	0.424249	33.9544	12.3542	1911.49
7602	0.394576	33.6193	11.4524	1911.64
7611.95	0.487649	38.894	13.0027	1911.78
7621.9	0.511135	34.8305	13.995	1912.04
7631.85	0.458872	37.9471	15.5713	1912.3
7641.8	0.521011	36.2359	17.3576	1912.56
7651.75	0.533107	31.4388	16.8655	1912.81
7661.7	0.452494	28.8424	13.1815	1912.97
7671.65	0.409045	39.8923	15.3816	1913.14
7681.6	0.448039	40.8098	13.2671	1913.31
7691.55	0.416608	35.1676	13.0706	1913.48
7701.5	0.457201	40.4997	11.9462	1913.64
7711.45	0.461544	32.5754	11.4462	1913.8
7721.4	0.487641	36.7007	14.9223	1913.92
7731.35	0.487723	35.0172	15.7891	1914.04
7741.3	0.433545	27.4202	15.1558	1914.16
7751.25	0.492443	26.7299	15.3869	1914.27

7761.2	0.522313	34.3867	14.8786	1914.39
7771.15	0.52056	33.0848	13.5926	1914.51
7781.1	0.411207	32.7798	11.6558	1914.62
7791.05	0.462411	34.7523	11.9188	1914.74
7801.01	0.444448	30.5473	14.1011	1914.84
7810.96	0.404779	27.7778	12.36	1914.93
7820.91	0.406793	27.5724	14.6229	1915.02
7830.86	0.462142	25.6688	14.1288	1915.11
7840.81	0.409298	25.0928	14.7152	1915.2
7850.76	0.440798	26.2845	15.0097	1915.29
7860.71	0.440455	23.2915	13.372	1915.38
7870.66	0.411753	33.9518	13.4913	1915.47
7880.61	0.442029	37.111	11.3797	1915.56
7890.56	0.408208	36.3046	13.0421	1915.65
7900.51	0.470727	40.7609	13.2673	1915.74
7910.46	0.40221	38.5061	11.9578	1915.89
7920.41	0.409319	37.283	12.2737	1916.1
7930.36	0.404395	28.6254	13.7603	1916.31
7940.31	0.400909	32.0289	17.4891	1916.52
7950.26	0.460013	34.7994	17.87	1916.74
7960.21	0.414814	28.1418	18.1009	1916.86
7970.16	0.47328	30.4807	16.6664	1916.94
7980.11	0.511378	35.131	16.5406	1917.03
7990.06	0.481343	32.9828	13.6491	1917.12
8000.01	0.470157	36.8449	12.4168	1917.2
8009.96	0.455206	40.871	13.9676	1917.29
8019.91	0.472442	29.7853	12.254	1917.38
8029.86	0.513158	29.2054	13.7221	1917.46
8039.81	0.486204	30.6822	17.2431	1917.55
8049.76	0.456584	25.1665	14.3075	1917.64
8059.71	0.475716	27.5	13.8723	1917.72
8069.66	0.420141	28.9565	12.3585	1917.81
8079.61	0.425094	32.4272	12.9215	1917.91
8089.56	0.402054	35.9236	12.2459	1918.02
8099.51	0.447929	38.2465	12.2726	1918.12
8109.46	0.461578	40.0756	11.3806	1918.22
8119.41	0.488854	33.9534	11.5354	1918.32
8129.36	0.446972	39.8489	13.7429	1918.42
8139.31	0.513319	39.0539	12.576	1918.52
8149.26	0.499718	38.513	12.1813	1918.63
8159.21	0.511526	41.5348	12.65	1918.73
8169.16	0.493323	39.0129	11.882	1918.9
8179.12	0.476186	44.1908	14.6956	1919.2
8189.07	0.420045	40.0654	12.556	1919.49
8199.02	0.377359	39.8124	10.7327	1919.78
8208.97	0.455755	36.662	13.8917	1919.88
8218.92	0.489093	28.1258	13.383	1919.98
8228.87	0.498666	29.8406	13.7391	1920.08
8238.82	0.4395	28.6203	13.2734	1920.18

8248.77	0.484554	26.5612	12.7454	1920.27
8258.72	0.425565	25.6702	13.3676	1920.37
8268.67	0.460589	27.9792	11.6993	1920.47
8278.62	0.424246	27.8569	11.3419	1920.57
8288.57	0.401528	30.2549	12.7842	1920.66
8298.52	0.403958	29.3989	12.9249	1920.76
8308.47	0.400643	28.2528	12.6086	1920.89
8318.42	0.396772	28.1871	11.6202	1921.03
8328.37	0.433493	31.8638	12.8051	1921.16
8338.32	0.413402	21.7477	12.7289	1921.3
8348.27	0.455649	25.8904	14.1927	1921.44
8358.22	0.427175	27.9229	13.3928	1921.58
8368.17	0.407178	29.8249	13.3956	1921.71
8378.12	0.451005	27.274	12.4241	1921.82
8388.07	0.414696	29.4619	10.3242	1921.9
8398.02	0.393705	34.1564	12.1517	1921.98
8407.97	0.450424	30.5007	12.5345	1922.06
8417.92	0.427905	30.86	11.2727	1922.14
8427.87	0.427153	34.1101	13.4188	1922.21
8437.82	0.405788	27.25	12.3117	1922.29
8447.77	0.502945	31.0303	10.5247	1922.37
8457.72	0.477379	28.7895	13.1374	1922.45
8467.67	0.487825	34.3864	13.1238	1922.53
8477.62	0.538049	34.7076	15.2013	1922.6
8487.57	0.481939	28.2752	13.0029	1922.68
8497.52	0.516417	32.6806	15.7604	1922.76
8507.47	0.484654	30.6859	12.969	1922.92
8517.42	0.504046	34.6357	12.4237	1923.13
8527.37	0.577396	38.9645	13.1361	1923.35
8537.32	0.49165	40.724	12.6374	1923.56
8547.27	0.532245	38.9089	14.1607	1923.77
8557.23	0.518228	42.8017	14.5254	1923.92
8567.18	0.553305	40.2434	11.8427	1924.07
8577.13	0.543275	35.7144	14.5628	1924.22
8587.08	0.463008	34.9879	12.7284	1924.36
8597.03	0.463891	35.8509	12.3224	1924.51
8606.98	0.507685	31.3286	11.9906	1924.66
8616.93	0.507708	34.155	13.1904	1924.8
8626.88	0.500054	34.3164	11.1815	1924.92
8636.83	0.472014	37.3844	12.5458	1925.05
8646.78	0.448477	37.7659	13.1365	1925.17
8656.73	0.593926	44.5829	13.2882	1925.29
8666.68	0.474956	47.0309	11.7819	1925.42
8676.63	0.545187	39.861	13.8649	1925.54
8686.58	0.492076	40.4566	11.4547	1925.66
8696.53	0.456931	33.1147	13.1391	1925.79
8706.48	0.448477	37.179	13.6904	1925.95
8716.43	0.488628	34.8178	12.6183	1926.12
8726.38	0.471858	36.0406	15.3036	1926.28

8736.33	0.51065	35.377	14.9043	1926.45
8746.28	0.429651	36.9621	12.3638	1926.62
8756.23	0.45191	34.0235	13.6708	1926.79
8766.18	0.492643	31.5591	13.4455	1926.94
8776.13	0.419282	29.8434	11.7162	1927.1
8786.08	0.339486	31.8857	12.6542	1927.25
8796.03	0.373398	39.3841	13.0797	1927.41
8805.98	0.434259	36.1684	12.5589	1927.57
8815.93	0.463041	39.1035	12.865	1927.72
8825.88	0.409236	34.6722	13.3263	1927.91
8835.83	0.411034	33.6873	12.8475	1928.12
8845.78	0.46463	30.9455	15.0706	1928.34
8855.73	0.413999	27.7883	12.3531	1928.55
8865.68	0.458732	30.7379	14.4212	1928.76
8875.63	0.412824	25.1861	14.3095	1928.87
8885.58	0.413572	23.4442	12.9291	1928.95
8895.53	0.465003	25.9929	13.3437	1929.04
8905.48	0.346587	26.5707	12.7755	1929.13
8915.43	0.45718	25.3163	11.4228	1929.21
8925.38	0.435292	25.1997	13.0538	1929.3
8935.34	0.391709	26.708	11.5335	1929.39
8945.29	0.423158	26.0941	12.4046	1929.47
8955.24	0.512354	25.912	12.152	1929.56
8965.19	0.419339	26.3493	12.9989	1929.65
8975.14	0.423591	24.8765	12.8222	1929.73
8985.09	0.436611	31.6844	12.7917	1929.83
8995.04	0.456057	27.7378	11.0832	1929.95
9004.99	0.401961	27.2043	12.8406	1930.08
9014.94	0.40493	24.5772	11.7456	1930.2
9024.89	0.422528	26.6605	10.0779	1930.32
9034.84	0.3701	27.5466	11.214	1930.45
9044.79	0.318719	25.3841	12.954	1930.57
9054.74	0.387176	31.3845	12.0214	1930.69
9064.69	0.415341	33.1696	12.2173	1930.83
9074.64	0.394669	28.6394	12.3737	1931.01
9084.59	0.441462	32.8669	13.1726	1931.19
9094.54	0.457977	33.5374	13.0462	1931.37
9104.49	0.441288	32.4013	12.5921	1931.55
9114.44	0.479626	30.3744	14.601	1931.73
9124.39	0.378061	22.4425	14.0843	1931.93
9134.34	0.369454	26.137	16.2393	1932.14
9144.29	0.413501	24.4294	15	1932.35
9154.24	0.430217	24.8522	14.3275	1932.57
9164.19	0.478584	26.2281	13.8936	1932.78
9174.14	0.459686	23.2983	15.3066	1932.94
9184.09	0.447096	22.3588	12.2325	1933.09
9194.04	0.457921	29.1566	14.1266	1933.25
9203.99	0.458229	28.9008	12.9949	1933.41
9213.94	0.462861	29.9916	15.3926	1933.56

9223.89	0.436552	29.3546	13.7863	1933.72
9233.84	0.447004	30.6044	12.8622	1933.89
9243.79	0.526897	23.5994	12.7886	1934.09
9253.74	0.430376	27.0234	13.8577	1934.28
9263.69	0.467792	25.3347	12.9902	1934.48
9273.64	0.44207	24.7715	13.6099	1934.67
9283.59	0.46548	22.3649	12.9233	1934.87
9293.54	0.451862	27.6286	13.53	1935.06
9303.49	0.35109	24.3194	12.4582	1935.26
9313.45	0.415791	25.5075	13.4052	1935.45
9323.4	0.442038	26.2055	11.5968	1935.65
9333.35	0.471023	28.8378	10.9265	1935.85
9343.3	0.390549	28.6466	12.7621	1936.06
9353.25	0.479634	29.145	12.6035	1936.27
9363.2	0.459413	31.4782	14.2407	1936.49
9373.15	0.464893	30.848	12.8225	1936.7
9383.1	0.459049	27.9426	13.3247	1936.86
9393.05	0.499261	33.4197	13.0392	1936.99
9403	0.426843	31.5229	12.5877	1937.12
9412.95	0.435093	28.3978	12.8509	1937.25
9422.9	0.445517	31.9361	13.262	1937.38
9432.85	0.473767	37.1861	12.1076	1937.51
9442.8	0.45967	33.2616	12.5296	1937.64
9452.75	0.433543	33.9376	12.5614	1937.77
9462.7	0.544542	37.283	14.839	1937.86
9472.65	0.451619	35.6648	11.7832	1937.93
9482.6	0.395036	35.7946	13.2408	1938.01
9492.55	0.483443	33.5332	14.0624	1938.08
9502.5	0.391975	33.3607	12.3173	1938.16
9512.45	0.425059	36.017	12.2769	1938.23
9522.4	0.387225	32.3769	11.266	1938.31
9532.35	0.397918	36.9775	12.7133	1938.39
9542.3	0.440158	34.6488	13.0256	1938.46
9552.25	0.350496	30.2024	12.035	1938.54
9562.2	0.36997	33.2541	12.8898	1938.61
9572.15	0.383742	27.4013	12.2643	1938.69
9582.1	0.415951	28.3087	13.6024	1938.76
9592.05	0.381869	29.2646	13.5392	1938.85
9602	0.4094	30.9873	12.9766	1938.93
9611.95	0.345678	32.9082	12.7312	1939.02
9621.9	0.470648	39.0194	16.5188	1939.1
9631.85	0.332745	39.4394	12.9094	1939.19
9641.8	0.379196	31.0174	12.507	1939.28
9651.75	0.408712	33.1455	11.7319	1939.36
9661.7	0.376716	43.3188	13.0517	1939.45
9671.65	0.459878	52.8003	14.3075	1939.54
9681.6	0.338692	35.7491	11.4037	1939.62
9691.55	0.387831	40.4849	10.9588	1939.71
9701.51	0.409331	39.3446	13.0216	1939.81

9711.46	0.371132	35.4767	11.9081	1940.07
9721.41	0.40202	35.8034	11.452	1940.33
9731.36	0.456625	32.4319	12.9705	1940.59
9741.31	0.47272	33.923	13.5947	1940.82
9751.26	0.442101	30.9873	13.3051	1940.94
9761.21	0.502974	35.8657	13.9597	1941.05
9771.16	0.479881	35.555	13.8899	1941.17
9781.11	0.493047	36.0931	12.9206	1941.29
9791.06	0.445351	42.97	13.5065	1941.4
9801.01	0.405236	38.5754	12.0906	1941.52
9810.96	0.492927	42.8467	13.2296	1941.64
9820.91	0.458989	42.4719	12.591	1941.75
9830.86	0.43424	36.5066	14.3956	1941.87
9840.81	0.419783	36.7478	10.8789	1941.99
9850.76	0.456427	40.0269	12.2245	1942.11
9860.71	0.465654	33.0763	11.3562	1942.22
9870.66	0.431695	34.234	13.5621	1942.34
9880.61	0.429849	33.7688	13.4919	1942.46
9890.56	0.43173	32.0031	13.3519	1942.57
9900.51	0.458421	33.1555	13.8679	1942.69
9910.46	0.488853	34.5012	14.4172	1942.8
9920.41	0.427044	40.4057	12.4832	1942.91
9930.36	0.463048	37.2712	14.2021	1943.01
9940.31	0.433981	32.5273	14.0769	1943.11
9950.26	0.425523	40.1529	14.6354	1943.21
9960.21	0.444251	39.9775	13.5934	1943.31
9970.16	0.427479	42.433	11.8368	1943.41
9980.11	0.472291	37.6996	13.5066	1943.51
9990.06	0.430735	33.9637	12.661	1943.62
10000	0.445994	37.2879	14.191	1943.72
10010	0.372233	34.5347	13.4629	1943.83
10019.9	0.421846	32.4446	12.2659	1943.97
10029.9	0.41934	33.9596	14.6554	1944.11
10039.8	0.539784	29.9129	14.6814	1944.24
10049.8	0.431783	36.0039	15.1398	1944.38
10059.7	0.445782	33.0845	12.6799	1944.52
10069.7	0.473038	33.6336	12.2309	1944.66
10079.6	0.429391	31.8189	13.2548	1944.79
10089.6	0.47192	32.3334	11.7223	1944.87
10099.5	0.465252	36.4751	13.9916	1944.94
10109.5	0.449717	35.4295	13.8373	1945.01
10119.4	0.481505	31.7112	14.5118	1945.09
10129.4	0.503685	29.9062	13.838	1945.16
10139.3	0.436598	33.3068	13.2477	1945.23
10149.3	0.470648	33.9829	12.7799	1945.31
10159.2	0.388897	28.8178	12.5029	1945.38
10169.2	0.492245	28.7702	12.3853	1945.45
10179.1	0.435642	26.2761	13.5027	1945.53
10189.1	0.487847	28.3935	11.6833	1945.6

10199	0.524875	29.6485	13.6271	1945.67
10209	0.500308	26.7018	12.429	1945.74
10218.9	0.456123	28.2761	12.3462	1945.82
10228.9	0.459832	25.8242	13.6833	1945.89
10238.8	0.43067	25.9975	14.4087	1945.96
10248.8	0.423947	28.1613	13.6649	1946.04
10258.7	0.483703	22.5434	14.4254	1946.11
10268.7	0.4918	23.662	13.7988	1946.18
10278.6	0.414985	21.771	13.9062	1946.26
10288.6	0.419486	28.568	13.2354	1946.33
10298.5	0.532945	25.6085	15.2865	1946.4
10308.5	0.487959	24.0694	12.9877	1946.48
10318.4	0.471386	25.6958	14.3456	1946.55
10328.4	0.436721	33.5361	14.4959	1946.62
10338.3	0.494321	29.6047	14.3514	1946.7
10348.3	0.530172	36.0568	13.7151	1946.77
10358.2	0.512413	30.5691	14.3912	1946.88
10368.2	0.435161	27.768	11.0214	1947
10378.1	0.468586	29.1632	12.8894	1947.12
10388.1	0.512574	26.5796	13.8561	1947.25
10398	0.521727	29.2436	16.2471	1947.37
10408	0.627308	30.9138	12.7387	1947.49
10417.9	0.458836	29.1018	12.7526	1947.61
10427.9	0.525493	32.595	14.1786	1947.74
10437.8	0.513368	35.0678	14.1987	1947.87
10447.8	0.483793	29.6759	13.3325	1948.02
10457.7	0.507076	37.3036	12.5282	1948.31
10467.7	0.548927	35.6883	13.1259	1948.46
10477.6	0.573294	34.4227	13.005	1948.61
10487.6	0.618888	38.6273	14.3084	1948.75
10497.5	0.598895	38.1189	12.9301	1948.86
10507.5	0.524298	37.266	13.0648	1948.95
10517.4	0.519616	36.5719	14.45	1949.05
10527.4	0.549583	40.5674	12.6021	1949.14
10537.3	0.561469	39.1561	15.0629	1949.23
10547.3	0.510745	37.1468	11.4156	1949.33
10557.2	0.549406	34.1931	14.6205	1949.42
10567.2	0.467101	31.256	13.4796	1949.52
10577.1	0.4621	31.1873	11.8231	1949.61
10587.1	0.41822	30.2594	13.6947	1949.7
10597	0.428474	27.9902	12.6921	1949.8
10607	0.431516	32.7256	13.2222	1949.95
10616.9	0.452533	30.7892	12.6809	1950.1
10626.9	0.517944	36.0469	17.1604	1950.24
10636.8	0.461883	31.3012	12.6813	1950.39
10646.8	0.428486	31.6109	13.7118	1950.53
10656.7	0.441152	32.2598	12.7869	1950.68
10666.7	0.471863	28.6862	13.4051	1950.81
10676.6	0.402717	28.1855	11.4038	1950.9

10686.6	0.466458	28.6941	12.1572	1950.98
10696.5	0.4736	29.3609	14.3781	1951.07
10706.5	0.46882	27.4395	13.053	1951.16
10716.4	0.388778	28.6937	13.378	1951.24
10726.4	0.404866	30.3798	13.1831	1951.33
10736.3	0.420954	29.7027	14.7304	1951.42
10746.3	0.449304	26.4961	14.6728	1951.5
10756.2	0.432795	25.6866	14.517	1951.68
10766.2	0.438809	27.5052	12.1254	1951.76
10776.1	0.45125	27.6615	13.1583	1951.85
10786.1	0.405946	24.8467	12.2796	1951.93
10796	0.440033	23.9346	13.6625	1952.01
10806	0.425218	25.1615	13.3528	1952.09
10815.9	0.394065	21.8341	13.4077	1952.17
10825.9	0.515313	24.4032	12.0709	1952.25
10835.8	0.496662	30.7789	15.3913	1952.33
10845.8	0.418654	30.7091	12.4527	1952.41
10855.7	0.438465	27.9629	11.4272	1952.49
10865.7	0.4257	29.7414	13.8413	1952.57
10875.6	0.448892	31.9326	13.0732	1952.65
10885.6	0.485907	34.7936	13.5445	1952.73
10895.5	0.49336	33.8009	13.4951	1952.84
10905.5	0.465355	32.5057	14.5469	1953.06
10915.4	0.525164	29.5366	13.3115	1953.27
10925.4	0.474505	26.9236	13.8291	1953.49
10935.3	0.555854	37.2878	17.2586	1953.92
10945.3	0.406193	32.6479	13.165	1954.13
10955.2	0.413827	32.6803	12.453	1954.34
10965.2	0.436208	29.8144	13.2367	1954.55
10975.1	0.441886	31.3577	13.239	1954.77
10985.1	0.508801	28.1084	12.4035	1954.88
10995	0.499168	31.2894	13.7409	1954.99
11005	0.489178	31.2527	12.4725	1955.09
11014.9	0.421205	32.1054	13.8585	1955.19
11024.9	0.482265	27.4555	12.701	1955.3
11034.8	0.433517	27.9808	12.8902	1955.4
11044.8	0.371567	28.8587	12.9313	1955.5
11054.7	0.422058	29.5278	11.8452	1955.61
11064.7	0.532482	30.747	14.236	1955.71
11074.6	0.410881	33.8606	12.7746	1955.81
11084.6	0.457372	32.027	14.7406	1955.92
11094.5	0.450881	34.4918	13.8397	1956.02
11104.5	0.390612	34.3844	13.6804	1956.13
11114.4	0.457925	32.8974	12.8711	1956.23
11124.4	0.441031	34.432	13.4173	1956.34
11134.3	0.453671	34.6283	13.0073	1956.44
11144.3	0.368131	30.4513	12.7213	1956.55
11154.2	0.409397	31.0481	13.8006	1956.65
11164.2	0.433172	28.6197	12.48	1956.76

11174.1	0.48369	35.3883	12.7994	1956.91
11184.1	0.410849	32.4028	13.207	1957.09
11194	0.438535	34.2035	12.6849	1957.27
11204	0.454247	32.1742	12.4421	1957.45
11213.9	0.464114	31.5231	11.8514	1957.62
11223.9	0.43243	32.1023	12.4686	1957.8
11233.8	0.434503	27.0419	12.1816	1957.88
11243.8	0.46017	28.5291	13.5603	1957.96
11253.7	0.477517	30.0423	13.2222	1958.04
11263.7	0.409565	30.9347	13.9117	1958.12
11273.6	0.468036	30.8441	13.0524	1958.2
11283.6	0.495209	28.4304	14.2195	1958.36
11293.5	0.524092	30.3548	11.9038	1958.44
11303.5	0.473195	27.0113	12.8788	1958.52
11313.4	0.505954	32.3524	13.636	1958.6
11323.4	0.465528	30.4822	13.8504	1958.69
11333.3	0.464169	32.9748	14.4497	1958.77
11343.3	0.491437	33.3784	12.2144	1958.85
11353.2	0.425062	35.8412	14.6963	1958.93
11363.2	0.488659	32.9679	11.3609	1959.01
11373.1	0.49052	32.58	13.4763	1959.09
11383.1	0.482875	33.5607	13.4283	1959.17
11393	0.571599	34.4068	14.9259	1959.25
11403	0.469349	30.1853	13.3841	1959.33
11413	0.472716	33.6274	13.5333	1959.41
11422.9	0.525148	27.5924	13.9154	1959.49
11432.9	0.408174	30.577	13.9758	1959.57
11442.8	0.430479	29.1897	13.9065	1959.66
11452.8	0.480303	26.5926	13.5957	1959.74
11462.7	0.538371	26.2648	14.7548	1959.84
11472.7	0.413133	26.8914	13.2878	1960
11482.6	0.411516	24.8759	12.442	1960.15
11492.6	0.4433	24.8283	13.3505	1960.31
11502.5	0.438842	29.5345	12.5166	1960.62
11512.5	0.395113	27.6131	13.3447	1960.78
11522.4	0.376814	27.8982	12.0576	1960.87
11532.4	0.466948	27.5956	13.8668	1960.97
11542.3	0.424583	26.3192	13.057	1961.06
11552.3	0.432586	32.9114	14.7972	1961.15
11562.2	0.553039	26.3403	12.5685	1961.25
11572.2	0.43679	29.6579	15.1324	1961.34
11582.1	0.522769	34.2376	14.7846	1961.43
11592.1	0.486515	34.7203	13.8564	1961.53
11602	0.528997	31.1594	13.6206	1961.62
11612	0.42661	29.421	13.2367	1961.71
11621.9	0.528488	34.3827	14.2819	1961.81
11631.9	0.543738	30.6092	12.3072	1961.91
11641.8	0.534153	31.004	13.2447	1962.01
11651.8	0.563146	32.06	13.136	1962.11

11661.7	0.477121	29.7994	14.5813	1962.22
11671.7	0.481103	30.1532	13.718	1962.32
11681.6	0.489867	38.8422	12.8416	1962.42
11691.6	0.47031	26.7841	12.9335	1962.63
11701.5	0.476635	28.7232	13.9412	1962.73
11711.5	0.500351	30.1859	13.3609	1962.83
11721.4	0.517228	28.285	14.4657	1962.95
11731.4	0.449375	30.1944	13.6233	1963.06
11741.3	0.482677	25.6276	12.3699	1963.28
11751.3	0.483272	33.459	14.1464	1963.39
11761.2	0.427664	39.2681	12.8761	1963.61
11771.2	0.444124	38.8582	13.9754	1963.72
11781.1	0.463763	42.4516	14.0795	1963.84
11791.1	0.536181	40.2377	13.1606	1963.98
11801	0.529581	42.6374	12.7996	1964.12
11811	0.500564	44.3121	12.235	1964.25
11820.9	0.525869	39.9985	12.116	1964.39
11830.9	0.521481	41.9699	13.206	1964.53
11840.8	0.471532	35.6068	12.7828	1964.67
11850.8	0.533289	36.1372	11.9039	1964.8
11860.7	0.534311	37.1348	12.7102	1964.87
11870.7	0.502197	29.4025	13.847	1964.95
11880.6	0.416793	34.2305	11.5211	1965.03
11890.6	0.50669	33.0379	12.5811	1965.1
11900.5	0.480463	34.8393	12.147	1965.18
11910.5	0.480738	37.0198	11.9171	1965.25
11920.4	0.476013	30.5378	13.5752	1965.33
11930.4	0.382009	36.2531	12.9779	1965.4
11940.3	0.522005	32.9426	12.3194	1965.48
11950.3	0.43795	31.8772	13.3964	1965.55
11960.2	0.493759	28.9532	13.6563	1965.63
11970.2	0.395044	25.1354	13.0783	1965.7
11980.1	0.486863	32.2932	13.6469	1965.78
11990.1	0.454204	31.8734	14.4022	1965.92
12000	0.455845	30.1851	12.674	1966.08
12010	0.46977	32.1976	14.1438	1966.23
12019.9	0.450642	34.372	15.0344	1966.39
12029.9	0.41696	31.4021	12.9518	1966.55
12039.8	0.5098	36.2178	12.8772	1966.7
12049.8	0.500426	33.9985	13.1887	1966.86
12059.7	0.516472	31.6036	14.6923	1967.02
12069.7	0.503287	35.3763	15.8246	1967.17
12079.6	0.451218	33.0496	12.803	1967.33
12089.6	0.514447	31.6824	15.1962	1967.49
12099.5	0.45231	37.6142	12.8351	1967.65
12109.5	0.463297	37.9696	17.3752	1967.8
12119.4	0.447562	35.0509	14.7188	1967.93
12129.4	0.441316	35.961	13.3367	1968.06
12139.3	0.508191	35.5998	14.2378	1968.19

12149.3	0.396026	27.2555	13.4345	1968.32
12159.2	0.501305	40.6278	13.4121	1968.45
12169.2	0.413122	30.0186	12.3254	1968.58
12179.1	0.456113	29.7399	14.4179	1968.71
12189.1	0.510313	33.5769	13.5821	1968.83
12199	0.41949	27.9668	11.6019	1968.93
12209	0.466974	29.7341	13.7267	1969.04
12218.9	0.432631	27.8513	11.5226	1969.15
12228.9	0.455966	29.8547	12.9007	1969.25
12238.8	0.428737	25.8039	12.078	1969.46
12248.8	0.464297	26.9317	14.3886	1969.57
12258.7	0.454453	29.2343	13.0239	1969.67
12268.7	0.50719	32.8048	15.5037	1969.78
12278.6	0.423754	27.7456	10.9273	1969.93
12288.6	0.437366	29.9778	12.6594	1970.09
12298.5	0.493789	30.3059	11.5324	1970.25
12308.5	0.420184	30.8802	13.2594	1970.41
12318.4	0.490827	32.7552	13.3061	1970.57
12328.4	0.43113	27.6681	13.2353	1970.72
12338.3	0.534807	31.6018	13.692	1970.87
12348.3	0.480524	30.6737	12.9504	1971.02
12358.2	0.40049	30.747	12.3106	1971.17
12368.2	0.412976	32.6077	13.3253	1971.31
12378.1	0.428613	31.0564	13.2095	1971.46
12388.1	0.486688	34.2128	12.1644	1971.61
12398	0.399984	30.2334	12.5581	1971.75
12408	0.410017	28.3903	12.992	1971.94
12417.9	0.456239	31.0266	13.0424	1972.13
12427.9	0.467014	28.958	13.7593	1972.33
12437.8	0.493072	32.5324	15.0356	1972.52
12447.8	0.511737	27.7456	13.836	1972.72
12457.7	0.510294	32.0959	14.91	1972.88
12467.7	0.541791	25.9993	13.6305	1973.03
12477.6	0.444527	27.3438	13.7246	1973.17
12487.6	0.438664	26.2252	14.1179	1973.32
12497.5	0.483438	29.0119	12.8668	1973.47
12507.5	0.447449	24.8805	10.9998	1973.61
12517.4	0.474832	25.4534	13.1524	1973.76
12527.4	0.515964	31.1801	13.4703	1973.93
12537.3	0.481746	29.4463	12.2011	1974.11
12547.3	0.441252	26.6954	13.2692	1974.28
12557.2	0.442799	31.8446	12.3442	1974.46
12567.2	0.368249	30.7081	12.084	1974.64
12577.1	0.421546	27.4292	12.8177	1974.8
12587.1	0.431648	25.3705	12.1807	1974.89
12597	0.439542	30.8312	11.7326	1974.98
12607	0.45031	31.4631	12.1839	1975.06
12616.9	0.416708	31.3655	14.2206	1975.15
12626.9	0.478702	26.4914	11.9293	1975.24

12636.8	0.412889	25.0457	13.3489	1975.32
12646.8	0.446082	25.8732	19.6734	1975.41
12656.7	0.460087	23.0349	11.665	1975.5
12666.7	0.460626	24.5692	12.917	1975.58
12676.6	0.465928	24.3634	13.8088	1975.67
12686.6	0.493143	23.9519	12.8155	1975.76
12696.5	0.456183	25.6902	12.3012	1975.87
12706.5	0.443473	30.6202	13.3135	1976.01
12716.4	0.445682	26.694	13.2505	1976.15
12726.4	0.487423	26.8025	14.4881	1976.29
12736.3	0.451823	29.5794	12.6301	1976.43
12746.3	0.420221	31.8309	12.7383	1976.56
12756.2	0.45539	32.9785	13.8455	1976.7
12766.2	0.450197	34.4918	13.8255	1976.86
12776.1	0.451766	28.9472	12.8668	1977.06
12786.1	0.444209	28.3968	13.0935	1977.25
12796	0.426791	29.2208	11.0381	1977.45
12806	0.475437	32.8556	14.3653	1977.64
12815.9	0.46597	29.1048	13.478	1977.81
12825.9	0.460488	30.0507	12.9685	1977.9
12835.8	0.500588	30.598	13.5949	1977.99
12845.8	0.403049	28.5033	11.6761	1978.08
12855.7	0.440916	30.1553	13.1542	1978.17
12865.7	0.460443	28.2267	13.1468	1978.26
12875.6	0.488103	30.1526	13.7473	1978.35
12885.6	0.479383	28.342	13.2466	1978.44
12895.5	0.432755	29.0476	13.1317	1978.54
12905.5	0.435899	29.9929	13.1107	1978.63
12915.4	0.472293	26.6325	14.4228	1978.72
12925.4	0.498243	25.0681	12.9715	1978.8
12935.3	0.508716	24.4318	13.053	1978.88
12945.3	0.507576	26.8077	12.8925	1978.95
12955.2	0.614712	25.2833	14.481	1979.03
12965.2	0.563199	21.8845	13.1523	1979.11
12975.1	0.510344	22.6653	13.3703	1979.18
12985.1	0.512309	21.6656	13.2703	1979.26
12995	0.538661	25.8519	13.8269	1979.33
13005	0.527573	25.3079	12.9721	1979.41
13014.9	0.593456	22.1712	13.7417	1979.48
13024.9	0.566971	24.7786	14.0155	1979.56
13034.8	0.491801	21.5409	13.1976	1979.63
13044.8	0.460902	20.8177	12.9811	1979.71
13054.7	0.526265	22.0122	14.9708	1979.78
13064.7	0.486224	20.0946	14.148	1979.95
13074.6	0.456668	24.8658	12.8948	1980.13
13084.6	0.47544	26.5299	12.3751	1980.31
13094.5	0.470212	22.7681	13.8791	1980.49
13104.5	0.50933	26.1526	13.508	1980.66
13114.4	0.414629	24.5401	12.26	1980.85

13124.4	0.399264	27.0341	11.5313	1981.04
13134.3	0.481094	24.6669	13.0521	1981.24
13144.3	0.427925	24.9129	12.074	1981.43
13154.2	0.453323	24.7381	13.1599	1981.63
13164.2	0.398783	23.091	13.1867	1981.8
13174.1	0.405208	23.2522	11.7755	1981.89
13184.1	0.370755	25.4266	12.3706	1981.97
13194	0.352138	20.9436	12.7001	1982.05
13204	0.414823	25.8171	15.2567	1982.14
13213.9	0.376848	23.8824	13.7743	1982.22
13223.9	0.41915	23.1495	13.5808	1982.31
13233.8	0.326524	30.0597	13.3104	1982.39
13243.8	0.372431	28.1581	12.9213	1982.47
13253.7	0.347405	28.3564	13.8526	1982.56
13263.7	0.413478	28.751	14.8006	1982.64
13273.6	0.406928	32.2604	13.4976	1982.72
13283.6	0.374029	32.6212	14.5252	1982.8
13293.5	0.394498	27.3062	12.2866	1982.87
13303.5	0.405799	29.2918	13.3883	1982.94
13313.5	0.418372	32.3928	15.0856	1983
13323.4	0.462485	28.6791	12.8696	1983.07
13333.4	0.485618	25.2715	13.4367	1983.14
13343.3	0.434956	30.0441	15.4619	1983.2
13353.3	0.504192	26.9236	13.3653	1983.27
13363.2	0.484307	31.9953	12.6314	1983.34
13373.2	0.468366	31.0355	13.4414	1983.4
13383.1	0.427939	32.0079	14.5341	1983.47
13393.1	0.480004	27.8396	12.6625	1983.54
13403	0.416455	30.1034	13.2492	1983.61
13413	0.416307	31.8867	13.322	1983.67
13422.9	0.390034	30.1014	12.25	1983.74
13432.9	0.471593	33.0794	15.2406	1983.81
13442.8	0.449871	32.9639	13.9403	1983.9
13452.8	0.392588	29.7126	12.3325	1983.98
13462.7	0.367969	32.5078	15.1918	1984.07
13472.7	0.367921	35.2095	13.3113	1984.16
13482.6	0.413915	32.8036	13.6231	1984.25
13492.6	0.388432	29.6936	12.8925	1984.33
13502.5	0.363435	30.5323	12.9835	1984.42
13512.5	0.420137	32.5535	13.5832	1984.51
13522.4	0.329744	28.118	13.3572	1984.6
13532.4	0.376498	32.322	12.6512	1984.68
13542.3	0.352914	32.2742	14.64	1984.77
13552.3	0.364018	33.0901	12.1223	1984.88
13562.2	0.439308	32.327	12.3993	1984.99
13572.2	0.448159	32.3811	13.5657	1985.1
13582.1	0.375634	34.9795	12.4213	1985.21
13592.1	0.402347	31.3593	12.5496	1985.32
13602	0.335982	30.3449	13.4059	1985.43

13612	0.356304	31.2156	11.9255	1985.54
13621.9	0.331987	33.1761	12.8782	1985.65
13631.9	0.384602	34.1214	12.6745	1985.76
13641.8	0.353511	31.0824	13.2842	1985.9
13651.8	0.394823	30.4494	13.8844	1986.22
13661.7	0.416569	29.0101	12.6272	1986.38
13671.7	0.365954	25.9613	11.2436	1986.54
13681.6	0.395328	28.3134	12.9568	1986.69
13691.6	0.366566	25.3736	13.5951	1986.86
13701.5	0.412748	24.1204	14.4174	1987.02
13711.5	0.439556	20.0426	13.0132	1987.19
13721.4	0.424225	23.2442	13.8486	1987.35
13731.4	0.437441	21.6473	12.0507	1987.52
13741.3	0.403515	20.3507	13.363	1987.68
13751.3	0.403024	22.8378	12.4906	1987.86
13761.2	0.382027	23.3727	12.7109	1988.06
13771.2	0.463543	23.9077	10.9121	1988.25
13781.1	0.443416	23.1289	13.6662	1988.45
13791.1	0.386648	24.3573	12.61	1988.64
13801	0.421667	26.7369	12.2054	1988.82
13811	0.377915	22.8811	12.7137	1988.94
13820.9	0.400321	23.2728	12.435	1989.05
13830.9	0.440013	25.73	12.9737	1989.17
13840.8	0.432518	25.4048	13.8264	1989.29
13850.8	0.414786	27.8575	13.6513	1989.52
13860.7	0.363071	25.8842	12.7723	1989.64
13870.7	0.40717	27.6185	13.2388	1989.75
13880.6	0.490925	27.9717	13.0273	1989.84
13890.6	0.423116	30.0162	12.7451	1989.91
13900.5	0.410839	34.712	13.4513	1989.99
13910.5	0.368156	25.9979	13.2464	1990.06
13920.4	0.406719	28.1831	11.5994	1990.13
13930.4	0.346669	26.4296	11.8534	1990.21
13940.3	0.392508	24.953	12.1721	1990.28
13950.3	0.423889	25.972	14.1173	1990.35
13960.2	0.376606	26.347	12.5448	1990.43
13970.2	0.333282	23.6526	12.9105	1990.5
13980.1	0.392012	21.5249	12.0997	1990.57
13990.1	0.402281	23.1622	11.864	1990.65
14000	0.415908	27.3532	13.8931	1990.72
14010	0.385699	26.7651	11.4851	1990.79
14019.9	0.32523	28.7177	12.6216	1990.87
14029.9	0.341259	27.2689	11.5755	1990.94
14039.8	0.33397	32.5226	12.8321	1991.01
14049.8	0.287959	26.0941	12.9295	1991.08
14059.7	0.333811	27.2865	14.8737	1991.16
14069.7	0.336495	27.8956	14.8553	1991.23
14079.6	0.305675	27.5928	13.7567	1991.3
14089.6	0.367015	35.9717	13.5235	1991.38

14099.5	0.308839	30.0123	12.616	1991.45
14109.5	0.418426	27.6372	13.7995	1991.52
14119.4	0.323843	29.4273	13.2175	1991.6
14129.4	0.358069	32.0387	13.6163	1991.67
14139.3	0.387491	26.1028	13.036	1991.74
14149.3	0.45917	25.3175	12.8692	1991.83
14159.2	0.40621	24.2225	14.605	1991.95
14169.2	0.428235	24.2177	11.9186	1992.07
14179.1	0.379393	24.5573	13.7214	1992.18
14189.1	0.364179	26.9124	13.5639	1992.3
14199	0.404737	25.1894	12.7425	1992.65
14209	0.398817	26.7555	12.8962	1992.77
14218.9	0.38789	22.0092	13.2309	1992.85
14228.9	0.325672	25.9933	12.9369	1992.93
14238.8	0.393031	29.8203	13.7262	1993.01
14248.8	0.330178	31.0857	12.832	1993.09
14258.7	0.409445	33.8853	11.1839	1993.16
14268.7	0.318126	33.1523	13.404	1993.24
14278.6	0.355385	30.7733	10.8138	1993.32
14288.6	0.312593	24.7282	14.1473	1993.4
14298.5	0.308071	26.6085	13.6479	1993.48
14308.5	0.320539	30.6698	15.1406	1993.55
14318.4	0.279733	26.479	13.3455	1993.63
14328.4	0.335644	26.9069	12.2047	1993.71
14338.3	0.324988	29.2945	13.9685	1993.79
14348.3	0.329623	28.6285	12.3523	1993.92
14358.2	0.362264	26.7902	14.0281	1994.06
14368.2	0.348707	26.9318	12.7388	1994.2
14378.1	0.406579	21.7588	12.9241	1994.34
14388.1	0.414542	21.0109	13.9504	1994.47
14398	0.357948	22.8911	12.8316	1994.61
14408	0.448075	21.7556	13.6484	1994.85
14417.9	0.470677	18.4834	14.372	1994.93
14427.9	0.45798	21.2674	12.8998	1995.09
14437.8	0.452952	20.6115	13.5266	1995.17
14447.8	0.436967	17.6231	11.8229	1995.25
14457.7	0.427302	20.8763	13.1374	1995.33
14467.7	0.382362	19.0971	12.0541	1995.41
14477.6	0.415848	18.061	14.1055	1995.49
14487.6	0.443138	22.2804	12.2348	1995.57
14497.5	0.52654	19.7171	13.5064	1995.65
14507.5	0.522602	24.9473	12.0198	1995.73
14517.4	0.549039	23.6647	13.0206	1995.81
14527.4	0.483886	23.1282	12.986	1995.9
14537.3	0.502421	22.2811	13.1418	1995.98
14547.3	0.459046	20.3566	12.0597	1996.06
14557.2	0.440764	19.9157	13.4012	1996.15
14567.2	0.424905	20.7019	13.4423	1996.23
14577.1	0.447223	19.6047	10.8561	1996.31

14587.1	0.429111	20.9162	12.0022	1996.48
14597	0.397202	18.6169	12.3265	1996.65
14607	0.435676	19.6858	13.936	1996.73
14616.9	0.433826	15.1223	14.4724	1996.86
14626.9	0.514983	14.7144	13.55	1997.1
14636.8	0.539307	21.6194	12.8053	1997.33
14646.8	0.625935	24.2028	14.7265	1997.57
14656.7	0.648533	44.8229	11.8017	1997.8
14666.7	0.714866	64.8835	13.3473	1997.9
14676.6	0.676798	72.4888	14.2567	1997.99
14686.6	0.647484	68.8637	12.9377	1998.09
14696.5	0.570099	56.5878	15.0315	1998.19
14706.5	0.651974	56.0689	14.0197	1998.29
14716.4	0.452614	41.2823	13.5596	1998.38
14726.4	0.428594	35.1405	14.4861	1998.48
14736.3	0.598116	28.0771	12.6795	1998.58
14746.3	0.526908	25.7223	13.8362	1998.68
14756.2	0.621783	23.5295	14.8395	1998.77
14766.2	0.681731	20.3183	15.2488	1998.85
14776.1	0.68075	20.145	15.4891	1998.91
14786.1	0.631381	15.3546	12.1458	1998.98
14796	0.654903	13.764	13.2601	1999.05
14806	0.62143	14.5509	13.1914	1999.11
14815.9	0.59047	15.811	14.836	1999.18
14825.9	0.648114	13.4678	11.4629	1999.25
14835.8	0.530535	18.592	14.5214	1999.31
14845.8	0.535554	15.7189	14.4649	1999.38
14855.7	0.587279	16.6169	14.2524	1999.45
14865.7	0.532335	14.2511	12.7158	1999.51
14875.6	0.561126	13.4876	12.4613	1999.58
14885.6	0.547443	15.8646	12.5262	1999.65
14895.5	0.539189	18.389	13.623	1999.71
14905.5	0.490553	23.6912	13.019	1999.78
14915.4	0.505307	28.7146	11.674	1999.91
14925.4	0.510562	42.7304	11.1073	2000.05
14935.3	0.486179	86.7806	16.361	2000.18
14945.3	0.563542	88.9669	14.5252	2000.32
14955.2	0.626113	97.4136	12.9936	2000.46
14965.2	0.632218	87.701	15.4986	2000.6
14975.1	0.636847	103.483	13.4575	2000.74
14985.1	0.625963	89.2641	9.8069	2000.84
14995	0.590312	82.5445	9.91807	2000.92
15005	0.615926	94.2962	9.84541	2001