

A.L.P.O. SOLAR SECTION

Carrington Rotation Commencement Dates from Years 1853-2016

(Rotation Numbers -10 to 2172)

A.L.P.O. SOLAR SECTION

Carrington Rotation Commencement Dates

Adapted and condensed from: [argo.tuc.noao.edu/kpvt/synoptic/dates/carrington.rotations](http://argo.tuc.noao.edu/kpvt/synoptic/dates/carrington.rotations)

Rot.No.	yy	mm	day	Date	Julian date
-10	1853	1	13.9916	1853.03559	2397867.49162
-9	1853	2	11.0417	1853.11244	2397867.49162
-8	1853	3	9.6642	1853.18538	2397922.16421
-7	1853	4	5.9620	1853.26017	2397949.46204
-6	1853	5	4.0417	1853.33710	2397949.46204
-5	1853	5	31.0417	1853.41107	2397949.46204
-4	1853	6	26.6293	1853.48392	2398031.12927
-3	1853	7	23.8332	1853.55845	2398058.33322
-2	1853	8	21.0417	1853.63573	2398058.33322
-1	1853	9	17.0417	1853.70970	2398058.33322
0	1853	10	13.6016	1853.78247	2398140.10155
1	1853	11	9.9019	1853.85727	2398167.40193
2	1853	12	7.2165	1853.93210	2398194.71646
3	1854	1	3.5447	1854.00697	2398222.04465
4	1854	1	30.8853	1854.08188	2398249.38528
5	1854	2	27.2231	1854.15678	2398276.72306
6	1854	3	26.5360	1854.23161	2398304.03601

7	1854	4	22.8073	1854.30632	2398331.30729
8	1854	5	20.0362	1854.38092	2398358.53619
9	1854	6	16.2383	1854.45545	2398385.73834
10	1854	7	13.4374	1854.52997	2398412.93740
11	1854	8	9.6545	1854.60453	2398440.15454
12	1854	9	5.9006	1854.67918	2398467.40059
13	1854	10	3.1744	1854.75390	2398494.67443
14	1854	10	30.4685	1854.82868	2398521.96852
15	1854	11	26.7774	1854.90350	2398549.27736
16	1854	12	24.1007	1854.97836	2398576.60066
17	1855	1	20.4367	1855.05325	2398603.93670
18	1855	2	16.7780	1855.12816	2398631.27799
19	1855	3	16.1033	1855.20302	2398658.60332
20	1855	4	12.3921	1855.27779	2398685.89212
21	1855	5	9.6366	1855.35243	2398713.13663
22	1855	6	5.8467	1855.42698	2398740.34672
23	1855	7	3.0441	1855.50149	2398767.54414
24	1855	7	30.2522	1855.57603	2398794.75220
25	1855	8	26.4864	1855.65065	2398821.98639
26	1855	9	22.7500	1855.72534	2398849.25002
27	1855	10	20.0371	1855.80010	2398876.53706
28	1855	11	16.3404	1855.87491	2398903.84041
29	1855	12	13.6580	1855.94975	2398931.15795
30	1856	1	9.9892	1856.02456	2398958.48918
31	1856	2	6.3309	1856.09926	2398985.83087

32	1856	3	4.6653	1856.17395	2399013.16531
33	1856	3	31.9703	1856.24855	2399040.47034
34	1856	4	28.2320	1856.32304	2399067.73196
35	1856	5	25.4533	1856.39741	2399094.95332
36	1856	6	21.6527	1856.47173	2399122.15269
37	1856	7	18.8541	1856.54605	2399149.35404
38	1856	8	15.0768	1856.62043	2399176.57683
39	1856	9	11.3292	1856.69489	2399203.82925
40	1856	10	8.6081	1856.76942	2399231.10808
41	1856	11	4.9056	1856.84400	2399258.40564
42	1856	12	2.2176	1856.91863	2399285.71756
43	1856	12	29.5442	1856.99329	2399313.04418
44	1857	1	25.8825	1857.06817	2399340.38247
45	1857	2	22.2223	1857.14307	2399367.72229
46	1857	3	21.5412	1857.21792	2399395.04122
47	1857	4	17.8204	1857.29266	2399422.32043
48	1857	5	15.0561	1857.36728	2399449.55605
49	1857	6	11.2613	1857.44181	2399476.76131
50	1857	7	8.4592	1857.51633	2399503.95922
51	1857	8	4.6721	1857.59088	2399531.17209
52	1857	8	31.9129	1857.66551	2399558.41292
53	1857	9	28.1824	1857.74023	2399585.68240
54	1857	10	25.4735	1857.81500	2399612.97351
55	1857	11	21.7799	1857.88981	2399640.27992
56	1857	12	19.1006	1857.96466	2399667.60057

57	1858	1	15.4345	1858.03955	2399694.93449
58	1858	2	11.7762	1858.11446	2399722.27618
59	1858	3	11.1059	1858.18933	2399749.60586
60	1858	4	7.4020	1858.26412	2399776.90200
61	1858	5	4.6540	1858.33878	2399804.15398
62	1858	5	31.8688	1858.41334	2399804.15398
63	1858	6	28.0667	1858.48785	2399858.56670
64	1858	7	25.2716	1858.56239	2399885.77160
65	1858	8	21.5008	1858.63699	2399913.00079
66	1858	9	17.7597	1858.71167	2399940.25965
67	1858	10	15.0432	1858.78642	2399967.54323
68	1858	11	11.3440	1858.86122	2399994.84400
69	1858	12	8.6589	1858.93605	2400022.15889
70	1859	1	4.9875	1859.01092	2400049.48748
71	1859	2	1.3282	1859.08583	2400076.82823
72	1859	2	28.6654	1859.16073	2400104.16541
73	1859	3	27.9769	1859.23555	2400131.47693
74	1859	4	24.2465	1859.31026	2400158.74647
75	1859	5	21.4740	1859.38486	2400185.97400
76	1859	6	17.6757	1859.45939	2400185.97400
77	1859	7	14.8753	1859.53390	2400240.37524
78	1859	8	11.0935	1859.60848	2400267.59350
79	1859	9	7.3408	1859.68313	2400294.84079
80	1859	10	4.6155	1859.75785	2400322.11554
81	1859	10	31.9102	1859.83263	2400349.41020

82	1859	11	28.2195	1859.90745	2400376.71953
83	1859	12	25.5434	1859.98231	2400404.04338
84	1860	1	21.8799	1860.05705	2400431.37985
85	1860	2	18.2209	1860.13175	2400458.72091
86	1860	3	16.5451	1860.20641	2400486.04509
87	1860	4	12.8321	1860.28096	2400513.33207
88	1860	5	10.0748	1860.35540	2400540.57484
89	1860	6	6.2839	1860.42974	2400567.78395
90	1860	7	3.4814	1860.50405	2400594.98141
91	1860	7	30.6904	1860.57839	2400622.19041
92	1860	8	26.9260	1860.65280	2400649.42595
93	1860	9	23.1908	1860.72730	2400676.69082
94	1860	10	20.4788	1860.80185	2400703.97875
95	1860	11	16.7827	1860.87646	2400731.28273
96	1860	12	14.1009	1860.95110	2400758.60088
97	1861	1	10.4326	1861.02584	2400785.93262
98	1861	2	6.7743	1861.10075	2400813.27427
99	1861	3	6.1077	1861.17564	2400840.60772
100	1861	4	2.4109	1861.25044	2400867.91093
101	1861	4	29.6705	1861.32512	2400895.17051
102	1861	5	26.8905	1861.39970	2400922.39045
103	1861	6	23.0895	1861.47422	2400949.58947
104	1861	7	20.2915	1861.54874	2400976.79152
105	1861	8	16.5157	1861.62333	2401004.01568
106	1861	9	12.7695	1861.69800	2401031.26954

107	1861	10	10.0495	1861.77274	2401058.54948
108	1861	11	6.3478	1861.84753	2401085.84777
109	1861	12	3.6603	1861.92236	2401113.16029
110	1861	12	30.9875	1861.99723	2401140.48747
111	1862	1	27.3260	1862.07213	2401167.82597
112	1862	2	23.6652	1862.14703	2401195.16524
113	1862	3	22.9827	1862.22187	2401222.48266
114	1862	4	19.2599	1862.29660	2401249.75993
115	1862	5	16.4939	1862.37122	2401276.99390
116	1862	6	12.6984	1862.44575	2401304.19840
117	1862	7	9.8966	1862.52026	2401331.39662
118	1862	8	6.1106	1862.59482	2401358.61057
119	1862	9	2.3527	1862.66946	2401385.85270
120	1862	9	29.6233	1862.74417	2401413.12326
121	1862	10	26.9151	1862.81895	2401440.41508
122	1862	11	23.2220	1862.89376	2401467.72203
123	1862	12	20.5433	1862.96861	2401495.04326
124	1863	1	16.8777	1863.04350	2401522.37770
125	1863	2	13.2194	1863.11841	2401549.71935
126	1863	3	12.5481	1863.19328	2401577.04807
127	1863	4	8.8425	1863.26806	2401604.34251
128	1863	5	6.0927	1863.34272	2401631.59267
129	1863	6	2.3063	1863.41728	2401658.80626
130	1863	6	29.5040	1863.49179	2401686.00399
131	1863	7	26.7096	1863.56633	2401713.20955

132	1863	8	22.9399	1863.64093	2401740.43987
133	1863	9	19.1999	1863.71562	2401767.69986
134	1863	10	16.4843	1863.79037	2401794.98428
135	1863	11	12.7857	1863.86517	2401822.28573
136	1863	12	10.1013	1863.94000	2401849.60134
137	1864	1	6.4307	1864.01484	2401876.93071
138	1864	2	2.7719	1864.08954	2401904.27185
139	1864	3	1.1085	1864.16423	2401931.60851
140	1864	3	28.4185	1864.23885	2401958.91853
141	1864	4	24.6861	1864.31335	2401986.18608
142	1864	5	21.9120	1864.38774	2402013.41194
143	1864	6	18.1128	1864.46206	2402040.61285
144	1864	7	15.3126	1864.53637	2402067.81260
145	1864	8	11.5318	1864.61074	2402095.03181
146	1864	9	7.7803	1864.68519	2402122.28027
147	1864	10	5.0561	1864.75972	2402149.55606
148	1864	11	1.3515	1864.83429	2402176.85153
149	1864	11	28.6616	1864.90891	2402204.16163
150	1864	12	25.9863	1864.98357	2402231.48632
151	1865	1	22.3234	1865.05842	2402258.82340
152	1865	2	18.6643	1865.13333	2402286.16433
153	1865	3	17.9873	1865.20818	2402313.48733
154	1865	4	14.2724	1865.28294	2402340.77242
155	1865	5	11.5134	1865.35757	2402368.01336
156	1865	6	7.7214	1865.43211	2402395.22138

157	1865	7	4.9188	1865.50663	2402422.41880
158	1865	8	1.1286	1865.58117	2402449.62860
159	1865	8	28.3654	1865.65580	2402476.86535
160	1865	9	24.6313	1865.73050	2402504.13132
161	1865	10	21.9200	1865.80526	2402531.42000
162	1865	11	18.2246	1865.88007	2402558.72457
163	1865	12	15.5433	1865.95491	2402586.04333
164	1866	1	11.8757	1866.02980	2402613.37565
165	1866	2	8.2174	1866.10471	2402640.71743
166	1866	3	7.5501	1866.17959	2402668.05012
167	1866	4	3.8517	1866.25439	2402695.35174
168	1866	5	1.1096	1866.32907	2402722.60955
169	1866	5	28.3283	1866.40364	2402749.82825
170	1866	6	24.5270	1866.47816	2402777.02694
171	1866	7	21.7296	1866.55268	2402804.22959
172	1866	8	17.9549	1866.62727	2402831.45485
173	1866	9	14.2098	1866.70194	2402858.70978
174	1866	10	11.4905	1866.77669	2402885.99047
175	1866	11	7.7892	1866.85148	2402913.28925
176	1866	12	5.1023	1866.92631	2402940.60228
177	1867	1	1.4290	1867.00118	2402967.92903
178	1867	1	28.7690	1867.07608	2402995.26904
179	1867	2	25.1081	1867.15098	2403022.60807
180	1867	3	24.4244	1867.22582	2403049.92434
181	1867	4	20.6999	1867.30055	2403077.19993



182	1867	5	17.9324	1867.37516	2403104.43242
183	1867	6	14.1362	1867.44969	2403131.63617
184	1867	7	11.3345	1867.52420	2403158.83455
185	1867	8	7.5493	1867.59877	2403186.04929
186	1867	9	3.7924	1867.67340	2403213.29243
187	1867	10	1.0638	1867.74812	2403240.56378
188	1867	10	28.3561	1867.82289	2403267.85612
189	1867	11	24.6636	1867.89771	2403295.16358
190	1867	12	21.9855	1867.97256	2403322.48550
191	1868	1	18.3206	1868.04732	2403349.82059
192	1868	2	14.6624	1868.12203	2403377.16237
193	1868	3	12.9903	1868.19669	2403404.49029
194	1868	4	9.2831	1868.27127	2403431.78315
195	1868	5	6.5316	1868.34571	2403459.03161
196	1868	6	2.7441	1868.42007	2403486.24407
197	1868	6	29.9416	1868.49438	2403513.44163
198	1868	7	27.1479	1868.56871	2403540.64787
199	1868	8	23.3793	1868.64311	2403567.87931
200	1868	9	19.6403	1868.71760	2403595.14034
201	1868	10	16.9255	1868.79215	2403622.42552
202	1868	11	13.2275	1868.86674	2403649.72751
203	1868	12	10.5437	1868.94138	2403677.04369
204	1869	1	6.8737	1869.01609	2403704.37365
205	1869	2	3.2150	1869.09100	2403731.71500
206	1869	3	2.5510	1869.16589	2403759.05101

207	1869	3	29.8595	1869.24071	2403786.35948
208	1869	4	26.1252	1869.31541	2403813.62517
209	1869	5	23.3496	1869.39000	2403840.84963
210	1869	6	19.5501	1869.46452	2403868.05007
211	1869	7	16.7504	1869.53904	2403895.25038
212	1869	8	12.9708	1869.61362	2403922.47079
213	1869	9	9.2206	1869.68828	2403949.72056
214	1869	10	6.4973	1869.76301	2403976.99731
215	1869	11	2.7934	1869.83779	2404004.29337
216	1869	11	30.1039	1869.91261	2404031.60394
217	1869	12	27.4291	1869.98748	2404058.92911
218	1870	1	23.7665	1870.06237	2404086.26648
219	1870	2	20.1071	1870.13728	2404113.60705
220	1870	3	19.4288	1870.21213	2404140.92881
221	1870	4	15.7122	1870.28688	2404168.21214
222	1870	5	12.9515	1870.36151	2404195.45153
223	1870	6	9.1588	1870.43605	2404222.65880
224	1870	7	6.3565	1870.51057	2404249.85647
225	1870	8	2.5673	1870.58512	2404277.06731
226	1870	8	29.8053	1870.65974	2404304.30534
227	1870	9	26.0723	1870.73444	2404331.57233
228	1870	10	23.3616	1870.80921	2404358.86161
229	1870	11	19.6666	1870.88402	2404386.16656
230	1870	12	16.9858	1870.95887	2404413.48575
231	1871	1	13.3185	1871.03375	2404440.81848

232	1871	2	9.6603	1871.10866	2404468.16027
233	1871	3	8.9921	1871.18354	2404495.49213
234	1871	4	5.2922	1871.25833	2404522.79218
235	1871	5	2.5483	1871.33301	2404550.04829
236	1871	5	29.7658	1871.40758	2404577.26582
237	1871	6	25.9643	1871.48209	2404604.46433
238	1871	7	23.1677	1871.55662	2404631.66769
239	1871	8	19.3941	1871.63122	2404658.89414
240	1871	9	15.6503	1871.70589	2404686.15025
241	1871	10	12.9318	1871.78064	2404713.43181
242	1871	11	9.2312	1871.85543	2404740.73117
243	1871	12	6.5448	1871.93026	2404768.04477
244	1872	1	2.8721	1872.00512	2404795.37214
245	1872	1	30.2125	1872.07982	2404822.71245
246	1872	2	26.5510	1872.15451	2404850.05097
247	1872	3	24.8658	1872.22914	2404877.36578
248	1872	4	21.1394	1872.30366	2404904.63939
249	1872	5	18.3702	1872.37806	2404931.87019
250	1872	6	14.5731	1872.45239	2404959.07314
251	1872	7	11.7718	1872.52670	2404986.27177
252	1872	8	7.9876	1872.60106	2405013.48758
253	1872	9	4.2321	1872.67550	2405040.73206
254	1872	10	1.5046	1872.75001	2405068.00461
255	1872	10	28.7978	1872.82458	2405095.29782
256	1872	11	25.1060	1872.89920	2405122.60600

257	1872	12	22.4286	1872.97385	2405149.92863
258	1873	1	18.7642	1873.04867	2405177.26422
259	1873	2	15.1058	1873.12358	2405204.60580
260	1873	3	14.4325	1873.19845	2405231.93247
261	1873	4	10.7233	1873.27321	2405259.22333
262	1873	5	7.9699	1873.34786	2405286.46985
263	1873	6	4.1811	1873.42241	2405313.68112
264	1873	7	1.3786	1873.49693	2405340.87859
265	1873	7	28.5857	1873.57147	2405368.08572
266	1873	8	24.8186	1873.64608	2405395.31855
267	1873	9	21.0809	1873.72077	2405422.58095
268	1873	10	18.3671	1873.79553	2405449.86711
269	1873	11	14.6698	1873.87033	2405477.16978
270	1873	12	11.9866	1873.94517	2405504.48659
271	1874	1	8.3171	1874.02005	2405531.81705
272	1874	2	4.6584	1874.09495	2405559.15845
273	1874	3	3.9936	1874.16985	2405586.49360
274	1874	3	31.3003	1874.24466	2405613.80035
275	1874	4	27.5641	1874.31935	2405641.06405
276	1874	5	24.7870	1874.39394	2405668.28703
277	1874	6	20.9870	1874.46846	2405695.48699
278	1874	7	18.1879	1874.54298	2405722.68786
279	1874	8	14.4095	1874.61756	2405749.90948
280	1874	9	10.6606	1874.69222	2405777.16058
281	1874	10	7.9384	1874.76695	2405804.43837

282	1874	11	4.2352	1874.84174	2405831.73516
283	1874	12	1.5464	1874.91657	2405859.04637
284	1874	12	28.8722	1874.99143	2405859.04637
285	1875	1	25.2101	1875.06633	2405913.71006
286	1875	2	21.5504	1875.14123	2405941.05035
287	1875	3	20.8708	1875.21608	2405968.37084
288	1875	4	17.1523	1875.29083	2405995.65227
289	1875	5	14.3899	1875.36545	2406022.88986
290	1875	6	10.5961	1875.43999	2406050.09609
291	1875	7	7.7937	1875.51450	2406077.29373
292	1875	8	4.0053	1875.58906	2406104.50534
293	1875	8	31.2445	1875.66368	2406131.74451
294	1875	9	27.5126	1875.73839	2406159.01256
295	1875	10	24.8027	1875.81316	2406186.30266
296	1875	11	21.1084	1875.88797	2406213.60836
297	1875	12	18.4284	1875.96282	2406240.92839
298	1876	1	14.7619	1876.03760	2406268.26192
299	1876	2	11.1039	1876.11231	2406295.60391
300	1876	3	9.4350	1876.18698	2406322.93497
301	1876	4	5.7333	1876.26157	2406350.23329
302	1876	5	2.9874	1876.33603	2406377.48740
303	1876	5	30.2035	1876.41039	2406404.70346
304	1876	6	26.4015	1876.48470	2406431.90146
305	1876	7	23.6053	1876.55903	2406459.10528
306	1876	8	19.8328	1876.63342	2406486.33282

307	1876	9	16.0902	1876.70790	2406513.59015
308	1876	10	13.3727	1876.78244	2406540.87270
309	1876	11	9.6729	1876.85703	2406568.17286
310	1876	12	6.9873	1876.93166	2406595.48728
311	1877	1	3.3155	1877.00634	2406622.81545
312	1877	1	30.6562	1877.08125	2406650.15618
313	1877	2	26.9942	1877.15615	2406677.49418
314	1877	3	26.3074	1877.23098	2406704.80744
315	1877	4	22.5790	1877.30570	2406732.07900
316	1877	5	19.8081	1877.38030	2406759.30807
317	1877	6	16.0102	1877.45482	2406786.51020
318	1877	7	13.2091	1877.52934	2406813.70905
319	1877	8	9.4259	1877.60391	2406840.92588
320	1877	9	5.6717	1877.67855	2406868.17166
321	1877	10	2.9453	1877.75327	2406895.44529
322	1877	10	30.2393	1877.82805	2406922.73928
323	1877	11	26.5481	1877.90287	2406950.04813
324	1877	12	23.8715	1877.97773	2406977.37146
325	1878	1	20.2076	1878.05262	2407004.70760
326	1878	2	16.5491	1878.12753	2407032.04907
327	1878	3	15.8747	1878.20240	2407059.37468
328	1878	4	12.1638	1878.27716	2407086.66378
329	1878	5	9.4086	1878.35180	2407113.90854
330	1878	6	5.6188	1878.42635	2407113.90854
331	1878	7	2.8161	1878.50087	2407168.31615

332	1878	7	30.0240	1878.57541	2407195.52403
333	1878	8	26.2580	1878.65002	2407222.75799
334	1878	9	22.5214	1878.72472	2407250.02137
335	1878	10	19.8082	1878.79947	2407277.30818
336	1878	11	16.1113	1878.87428	2407304.61134
337	1878	12	13.4287	1878.94912	2407331.92872
338	1879	1	9.7598	1879.02400	2407359.25983
339	1879	2	6.1015	1879.09891	2407386.60150
340	1879	3	5.4361	1879.17380	2407413.93610
341	1879	4	1.7415	1879.24861	2407441.24145
342	1879	4	29.0034	1879.32330	2407468.50343
343	1879	5	26.2251	1879.39788	2407495.72509
344	1879	6	22.4246	1879.47240	2407522.92459
345	1879	7	19.6259	1879.54692	2407550.12590
346	1879	8	15.8485	1879.62150	2407577.34851
347	1879	9	12.1007	1879.69617	2407604.60066
348	1879	10	9.3793	1879.77090	2407631.87925
349	1879	11	5.6766	1879.84569	2407659.17660
350	1879	12	2.9884	1879.92052	2407686.48839
351	1879	12	30.3150	1879.99538	2407713.81497
352	1880	1	26.6533	1880.07009	2407741.15332
353	1880	2	22.9934	1880.14479	2407768.49339
354	1880	3	21.3127	1880.21943	2407795.81267
355	1880	4	17.5923	1880.29397	2407823.09228
356	1880	5	14.8282	1880.36838	2407850.32817

357	1880	6	11.0335	1880.44271	2407877.53347
358	1880	7	8.2312	1880.51703	2407904.73119
359	1880	8	4.4437	1880.59138	2407931.94369
360	1880	8	31.6841	1880.66580	2407959.18407
361	1880	9	27.9532	1880.74031	2407986.45318
362	1880	10	25.2441	1880.81487	2408013.74405
363	1880	11	21.5504	1880.88948	2408041.05036
364	1880	12	18.8711	1880.96413	2408068.37105
365	1881	1	15.2051	1881.03892	2408095.70514
366	1881	2	11.5471	1881.11383	2408123.04711
367	1881	3	10.8772	1881.18870	2408150.37719
368	1881	4	7.1737	1881.26349	2408177.67374
369	1881	5	4.4260	1881.33815	2408204.92601
370	1881	5	31.6409	1881.41271	2408232.14090
371	1881	6	27.8388	1881.48723	2408259.33875
372	1881	7	25.0434	1881.56176	2408286.54340
373	1881	8	21.2723	1881.63636	2408313.77228
374	1881	9	17.5309	1881.71104	2408341.03087
375	1881	10	14.8143	1881.78579	2408368.31428
376	1881	11	11.1150	1881.86059	2408395.61497
377	1881	12	8.4298	1881.93542	2408422.92981
378	1882	1	4.7584	1882.01030	2408450.25840
379	1882	2	1.0992	1882.08520	2408477.59920
380	1882	2	28.4365	1882.16010	2408504.93650
381	1882	3	27.7482	1882.23493	2408532.24822



382	1882	4	24.0180	1882.30964	2408559.51795
383	1882	5	21.2456	1882.38423	2408586.74562
384	1882	6	17.4473	1882.45876	2408613.94733
385	1882	7	14.6468	1882.53328	2408641.14678
386	1882	8	10.8649	1882.60785	2408668.36488
387	1882	9	7.1120	1882.68250	2408695.61200
388	1882	10	4.3867	1882.75722	2408722.88664
389	1882	10	31.6812	1882.83200	2408750.18124
390	1882	11	27.9905	1882.90682	2408777.49051
391	1882	12	25.3143	1882.98168	2408804.81433
392	1883	1	21.6508	1883.05658	2408832.15080
393	1883	2	17.9920	1883.13148	2408859.49198
394	1883	3	17.3164	1883.20635	2408886.81640
395	1883	4	13.6037	1883.28111	2408914.10370
396	1883	5	10.8468	1883.35574	2408941.34676
397	1883	6	7.0560	1883.43029	2408968.55601
398	1883	7	4.2535	1883.50480	2408995.75345
399	1883	7	31.4623	1883.57935	2409022.96225
400	1883	8	27.6975	1883.65397	2409050.19749
401	1883	9	23.9620	1883.72866	2409077.46204
402	1883	10	21.2497	1883.80342	2409104.74966
403	1883	11	17.5534	1883.87823	2409132.05343
404	1883	12	14.8714	1883.95307	2409159.37142
405	1884	1	11.2031	1884.02788	2409186.70310
406	1884	2	7.5449	1884.10258	2409214.04487

407	1884	3	5.8786	1884.17726	2409241.37863
408	1884	4	2.1822	1884.25186	2409268.68225
409	1884	4	29.4422	1884.32634	2409295.94223
410	1884	5	26.6624	1884.40072	2409323.16243
411	1884	6	22.8615	1884.47503	2409350.36150
412	1884	7	20.0634	1884.54935	2409377.56341
413	1884	8	16.2873	1884.62374	2409404.78731
414	1884	9	12.5409	1884.69820	2409432.04089
415	1884	10	9.8206	1884.77273	2409459.32061
416	1884	11	6.1188	1884.84732	2409486.61878
417	1884	12	3.4313	1884.92194	2409513.93126
418	1884	12	30.7585	1884.99661	2409541.25845
419	1885	1	27.0970	1885.07150	2409568.59704
420	1885	2	23.4365	1885.14640	2409595.93648
421	1885	3	22.7541	1885.22124	2409623.25413
422	1885	4	19.0316	1885.29598	2409650.53159
423	1885	5	16.2656	1885.37059	2409677.76565
424	1885	6	12.4701	1885.44512	2409704.97008
425	1885	7	9.6681	1885.51964	2409732.16809
426	1885	8	5.8818	1885.59420	2409759.38178
427	1885	9	2.1237	1885.66883	2409786.62370
428	1885	9	29.3942	1885.74355	2409813.89417
429	1885	10	26.6860	1885.81832	2409841.18597
430	1885	11	22.9930	1885.89313	2409868.49297
431	1885	12	20.3143	1885.96798	2409895.81429

432	1886	1	16.6488	1886.04287	2409923.14881
433	1886	2	12.9906	1886.11778	2409950.49056
434	1886	3	12.3194	1886.19266	2409977.81943
435	1886	4	8.6141	1886.26744	2410005.11405
436	1886	5	5.8644	1886.34209	2410032.36439
437	1886	6	2.0781	1886.41665	2410059.57804
438	1886	6	29.2758	1886.49117	2410086.77575
439	1886	7	26.4812	1886.56570	2410113.98122
440	1886	8	22.7114	1886.64031	2410141.21141
441	1886	9	18.9713	1886.71499	2410168.47127
442	1886	10	16.2556	1886.78974	2410195.75560
443	1886	11	12.5569	1886.86454	2410223.05693
444	1886	12	9.8724	1886.93938	2410250.37241
445	1887	1	6.2016	1887.01425	2410277.70161
446	1887	2	2.5427	1887.08916	2410305.04265
447	1887	3	1.8793	1887.16405	2410332.37934
448	1887	3	29.1895	1887.23888	2410359.68951
449	1887	4	25.4573	1887.31358	2410386.95731
450	1887	5	22.6834	1887.38817	2410414.18340
451	1887	6	18.8844	1887.46270	2410441.38443
452	1887	7	16.0842	1887.53722	2410468.58422
453	1887	8	12.3034	1887.61179	2410495.80336
454	1887	9	8.5517	1887.68644	2410523.05172
455	1887	10	5.8274	1887.76117	2410550.32741
456	1887	11	2.1228	1887.83595	2410577.62279

457	1887	11	29.4328	1887.91077	2410604.93281
458	1887	12	26.7574	1887.98564	2410632.25743
459	1888	1	23.0945	1888.06037	2410659.59450
460	1888	2	19.4355	1888.13507	2410686.93552
461	1888	3	17.7587	1888.20972	2410714.25872
462	1888	4	14.0440	1888.28427	2410741.54404
463	1888	5	11.2852	1888.35870	2410768.78514
464	1888	6	7.4932	1888.43304	2410795.99317
465	1888	7	4.6905	1888.50735	2410823.19045
466	1888	7	31.9000	1888.58169	2410850.40001
467	1888	8	28.1365	1888.65611	2410877.63649
468	1888	9	24.4022	1888.73061	2410904.90223
469	1888	10	21.6908	1888.80517	2410932.19082
470	1888	11	17.9954	1888.87977	2410959.49538
471	1888	12	15.3142	1888.95441	2410986.81420
472	1889	1	11.6466	1889.02917	2411014.14661
473	1889	2	7.9885	1889.10408	2411041.48853
474	1889	3	7.3214	1889.17896	2411068.82144
475	1889	4	3.6233	1889.25376	2411096.12328
476	1889	4	30.8813	1889.32844	2411123.38127
477	1889	5	28.1000	1889.40301	2411150.60002
478	1889	6	24.2987	1889.47753	2411177.79865
479	1889	7	21.5011	1889.55206	2411205.00115
480	1889	8	17.7262	1889.62665	2411232.22624
481	1889	9	13.9811	1889.70132	2411259.48106

482	1889	10	11.2617	1889.77606	2411286.76175
483	1889	11	7.5606	1889.85085	2411314.06056
484	1889	12	4.8736	1889.92568	2411341.37360
485	1890	1	1.2003	1890.00055	2411368.70032
486	1890	1	28.5403	1890.07545	2411396.04027
487	1890	2	24.8793	1890.15035	2411423.37925
488	1890	3	24.1955	1890.22519	2411450.69553
489	1890	4	20.4712	1890.29992	2411477.97117
490	1890	5	17.7037	1890.37453	2411505.20368
491	1890	6	13.9074	1890.44906	2411532.40744
492	1890	7	11.1058	1890.52358	2411559.60578
493	1890	8	7.3205	1890.59814	2411586.82050
494	1890	9	3.5636	1890.67278	2411614.06363
495	1890	9	30.8350	1890.74749	2411641.33503
496	1890	10	28.1274	1890.82227	2411668.62744
497	1890	11	24.4349	1890.89708	2411695.93491
498	1890	12	21.7568	1890.97194	2411723.25679
499	1891	1	18.0918	1891.04683	2411750.59183
500	1891	2	14.4336	1891.12174	2411777.93359
501	1891	3	13.7616	1891.19661	2411805.26157
502	1891	4	10.0546	1891.27138	2411832.55458
503	1891	5	7.3032	1891.34604	2411859.80323
504	1891	6	3.5158	1891.42059	2411887.01581
505	1891	6	30.7134	1891.49511	2411914.21337
506	1891	7	27.9195	1891.56964	2411941.41951

507	1891	8	24.1508	1891.64425	2411968.65079
508	1891	9	20.4116	1891.71894	2411995.91164
509	1891	10	17.6967	1891.79369	2412023.19666
510	1891	11	13.9985	1891.86849	2412050.49848
511	1891	12	11.3145	1891.94333	2412077.81455
512	1892	1	7.6444	1892.01815	2412105.14441
513	1892	2	3.9858	1892.09286	2412132.48576
514	1892	3	2.3219	1892.16755	2412159.82192
515	1892	3	29.6307	1892.24216	2412187.13067
516	1892	4	25.8967	1892.31666	2412214.39666
517	1892	5	23.1213	1892.39104	2412241.62133
518	1892	6	19.3219	1892.46536	2412268.82185
519	1892	7	16.5221	1892.53968	2412296.02211
520	1892	8	12.7424	1892.61405	2412296.02211
521	1892	9	8.9920	1892.68850	2412350.49197
522	1892	10	6.2686	1892.76303	2412377.76861
523	1892	11	2.5646	1892.83761	2412405.06462
524	1892	11	29.8752	1892.91223	2412432.37515
525	1892	12	27.2003	1892.98689	2412459.70030
526	1893	1	23.5377	1893.06175	2412487.03769
527	1893	2	19.8783	1893.13665	2412514.37831
528	1893	3	19.2002	1893.21151	2412541.70017
529	1893	4	15.4836	1893.28626	2412568.98361
530	1893	5	12.7230	1893.36089	2412596.22304
531	1893	6	8.9303	1893.43543	2412623.43027

532	1893	7	6.1278	1893.50994	2412650.62782
533	1893	8	2.3385	1893.58449	2412677.83851
534	1893	8	29.5764	1893.65911	2412705.07641
535	1893	9	25.8434	1893.73382	2412732.34337
536	1893	10	23.1327	1893.80858	2412759.63270
537	1893	11	19.4377	1893.88339	2412786.93772
538	1893	12	16.7563	1893.95824	2412814.25693
539	1894	1	13.0897	1894.03312	2412841.58968
540	1894	2	9.4314	1894.10803	2412868.93145
541	1894	3	8.7634	1894.18291	2412896.26336
542	1894	4	5.0635	1894.25771	2412923.56353
543	1894	5	2.3198	1894.33238	2412950.81978
544	1894	5	29.5374	1894.40695	2412978.03744
545	1894	6	25.7360	1894.48147	2413005.23600
546	1894	7	22.9394	1894.55600	2413032.43936
547	1894	8	19.1658	1894.63059	2413059.66579
548	1894	9	15.4219	1894.70527	2413086.92186
549	1894	10	12.7033	1894.78001	2413114.20333
550	1894	11	9.0026	1894.85480	2413141.50257
551	1894	12	6.3160	1894.92963	2413141.50257
552	1895	1	2.6431	1895.00450	2413196.14309
553	1895	1	29.9832	1895.07941	2413223.48319
554	1895	2	26.3216	1895.15431	2413250.82163
555	1895	3	25.6365	1895.22914	2413278.13652
556	1895	4	21.9104	1895.30386	2413305.41037

557	1895	5	19.1414	1895.37847	2413332.64145
558	1895	6	15.3447	1895.45300	2413359.84464
559	1895	7	12.5434	1895.52752	2413387.04343
560	1895	8	8.7593	1895.60208	2413414.25931
561	1895	9	5.0038	1895.67672	2413441.50377
562	1895	10	2.2762	1895.75144	2413468.77624
563	1895	10	29.5693	1895.82622	2413496.06933
564	1895	11	25.8773	1895.90103	2413523.37733
565	1895	12	23.1998	1895.97589	2413550.69978
566	1896	1	19.5352	1896.05064	2413578.03523
567	1896	2	15.8768	1896.12535	2413605.37676
568	1896	3	14.2036	1896.20001	2413632.70355
569	1896	4	10.4947	1896.27458	2413659.99465
570	1896	5	7.7414	1896.34902	2413687.24139
571	1896	6	3.9528	1896.42337	2413714.45281
572	1896	7	1.1503	1896.49768	2413741.65029
573	1896	7	28.3573	1896.57201	2413768.85733
574	1896	8	24.5900	1896.64642	2413796.09000
575	1896	9	20.8522	1896.72091	2413823.35221
576	1896	10	18.1382	1896.79546	2413850.63823
577	1896	11	14.4408	1896.87006	2413877.94080
578	1896	12	11.7575	1896.94469	2413905.25751
579	1897	1	8.0879	1897.01942	2413932.58792
580	1897	2	4.4293	1897.09433	2413959.92932
581	1897	3	3.7646	1897.16922	2413987.26457



582	1897	3	31.0715	1897.24403	2414014.57152
583	1897	4	27.3355	1897.31873	2414041.83545
584	1897	5	24.5586	1897.39331	2414069.05862
585	1897	6	20.7587	1897.46783	2414096.25868
586	1897	7	17.9596	1897.54235	2414123.45957
587	1897	8	14.1812	1897.61693	2414150.68117
588	1897	9	10.4322	1897.69160	2414177.93223
589	1897	10	7.7100	1897.76633	2414205.21000
590	1897	11	4.0067	1897.84111	2414232.50674
591	1897	12	1.3178	1897.91594	2414259.81782
592	1897	12	28.6435	1897.99080	2414287.14348
593	1898	1	24.9811	1898.06570	2414314.48110
594	1898	2	21.3212	1898.14061	2414341.82120
595	1898	3	20.6416	1898.21546	2414369.14163
596	1898	4	16.9231	1898.29020	2414396.42314
597	1898	5	14.1609	1898.36482	2414423.66087
598	1898	6	10.3673	1898.43936	2414450.86726
599	1898	7	7.5651	1898.51388	2414478.06506
600	1898	8	3.7768	1898.58843	2414505.27681
601	1898	8	31.0161	1898.66306	2414532.51609
602	1898	9	27.2842	1898.73776	2414559.78420
603	1898	10	24.5743	1898.81253	2414559.78420
604	1898	11	20.8799	1898.88734	2414614.37991
605	1898	12	18.1997	1898.96219	2414641.69973
606	1899	1	14.5330	1899.03708	2414669.03302

607	1899	2	10.8748	1899.11199	2414696.37484
608	1899	3	10.2059	1899.18687	2414723.70586
609	1899	4	6.5043	1899.26166	2414751.00432
610	1899	5	3.7587	1899.33633	2414778.25869
611	1899	5	30.9750	1899.41089	2414805.47502
612	1899	6	27.1732	1899.48541	2414832.67321
613	1899	7	24.3771	1899.55994	2414859.87713
614	1899	8	20.6047	1899.63453	2414887.10464
615	1899	9	16.8619	1899.70921	2414914.36184
616	1899	10	14.1442	1899.78396	2414941.64419
617	1899	11	10.4441	1899.85875	2414968.94411
618	1899	12	7.7583	1899.93358	2414996.25825
619	1900	1	4.0862	1900.00846	2415023.58616
620	1900	1	31.4267	1900.08336	2415050.92672
621	1900	2	27.7648	1900.15826	2415078.26476
622	1900	3	27.0782	1900.23309	2415105.57823
623	1900	4	23.3502	1900.30781	2415132.85014
624	1900	5	20.5795	1900.38241	2415160.07954
625	1900	6	16.7819	1900.45694	2415187.28191
626	1900	7	13.9809	1900.53145	2415214.48089
627	1900	8	10.1977	1900.60602	2415241.69772
628	1900	9	6.4434	1900.68067	2415268.94340
629	1900	10	3.7169	1900.75539	2415296.21693
630	1900	10	31.0108	1900.83017	2415323.51080
631	1900	11	27.3195	1900.90498	2415350.81949

632	1900	12	24.6427	1900.97984	2415378.14267
633	1901	1	20.9787	1901.05474	2415405.47867
634	1901	2	17.3201	1901.12964	2415432.82006
635	1901	3	16.6457	1901.20451	2415460.14571
636	1901	4	12.9349	1901.27927	2415487.43493
637	1901	5	10.1798	1901.35392	2415514.67983
638	1901	6	6.3901	1901.42847	2415541.89013
639	1901	7	3.5875	1901.50298	2415569.08755
640	1901	7	30.7954	1901.57752	2415596.29541
641	1901	8	27.0293	1901.65214	2415623.52934
642	1901	9	23.2927	1901.72683	2415650.79270
643	1901	10	20.5795	1901.80159	2415678.07951
644	1901	11	16.8827	1901.87639	2415705.38265
645	1901	12	14.1999	1901.95123	2415732.69993
646	1902	1	10.5309	1902.02611	2415760.03091
647	1902	2	6.8725	1902.10102	2415787.37249
648	1902	3	6.2071	1902.17591	2415814.70708
649	1902	4	2.5125	1902.25072	2415842.01253
650	1902	4	29.7747	1902.32541	2415869.27472
651	1902	5	26.9966	1902.39999	2415896.49661
652	1902	6	23.1963	1902.47451	2415923.69630
653	1902	7	20.3977	1902.54903	2415950.89773
654	1902	8	16.6204	1902.62362	2415978.12038
655	1902	9	12.8725	1902.69828	2416005.37249
656	1902	10	10.1510	1902.77302	2416032.65097

657	1902	11	6.4481	1902.84780	2416059.94811
658	1902	12	3.7596	1902.92263	2416087.25962
659	1902	12	31.0859	1902.99750	2416114.58584
660	1903	1	27.4239	1903.07239	2416141.92390
661	1903	2	23.7638	1903.14730	2416169.26384
662	1903	3	23.0832	1903.22215	2416196.58322
663	1903	4	19.3631	1903.29689	2416223.86310
664	1903	5	16.5994	1903.37151	2416251.09938
665	1903	6	12.8050	1903.44604	2416278.30503
666	1903	7	10.0030	1903.52056	2416305.50301
667	1903	8	6.2156	1903.59511	2416332.71561
668	1903	9	2.4560	1903.66974	2416359.95597
669	1903	9	29.7250	1903.74445	2416387.22495
670	1903	10	27.0156	1903.81922	2416414.51560
671	1903	11	23.3217	1903.89403	2416441.82166
672	1903	12	20.6421	1903.96888	2416469.14208
673	1904	1	16.9760	1904.04365	2416496.47596
674	1904	2	13.3179	1904.11835	2416523.81787
675	1904	3	11.6481	1904.19303	2416551.14808
676	1904	4	7.9449	1904.26761	2416578.44493
677	1904	5	5.1975	1904.34207	2416605.69755
678	1904	6	1.4127	1904.41643	2416632.91269
679	1904	6	28.6107	1904.49074	2416660.11065
680	1904	7	25.8153	1904.56507	2416687.31524
681	1904	8	22.0439	1904.63946	2416714.54392

682	1904	9	18.3023	1904.71394	2416741.80227
683	1904	10	15.5854	1904.78848	2416769.08543
684	1904	11	11.8859	1904.86308	2416796.38589
685	1904	12	9.2006	1904.93771	2416823.70057
686	1905	1	5.5291	1905.01241	2416851.02904
687	1905	2	1.8698	1905.08731	2416878.36984
688	1905	3	1.2073	1905.16221	2416905.70728
689	1905	3	28.5193	1905.23704	2416933.01928
690	1905	4	24.7894	1905.31175	2416960.28938
691	1905	5	22.0174	1905.38635	2416987.51735
692	1905	6	18.2193	1905.46087	2417014.71926
693	1905	7	15.4188	1905.53539	2417041.91877
694	1905	8	11.6368	1905.60996	2417069.13683
695	1905	9	7.8838	1905.68461	2417096.38383
696	1905	10	5.1583	1905.75934	2417123.65831
697	1905	11	1.4527	1905.83412	2417150.95271
698	1905	11	28.7618	1905.90894	2417178.26176
699	1905	12	26.0853	1905.98380	2417205.58531
700	1906	1	22.4216	1906.05869	2417232.92155
701	1906	2	18.7626	1906.13360	2417260.26259
702	1906	3	18.0871	1906.20846	2417287.58706
703	1906	4	14.3746	1906.28322	2417314.87456
704	1906	5	11.6179	1906.35786	2417342.11791
705	1906	6	7.8275	1906.43240	2417369.32744
706	1906	7	5.0251	1906.50692	2417396.52512

707	1906	8	1.2340	1906.58146	2417396.52512
708	1906	8	28.4693	1906.65608	2417450.96929
709	1906	9	24.7338	1906.73078	2417478.23376
710	1906	10	22.0212	1906.80554	2417505.52123
711	1906	11	18.3248	1906.88034	2417532.82476
712	1906	12	15.6425	1906.95518	2417560.14247
713	1907	1	11.9739	1907.03007	2417587.47388
714	1907	2	8.3155	1907.10497	2417614.81550
715	1907	3	7.6493	1907.17986	2417614.81550
716	1907	4	3.9532	1907.25467	2417669.45321
717	1907	5	1.2136	1907.32935	2417696.71362
718	1907	5	28.4342	1907.40393	2417723.93424
719	1907	6	24.6336	1907.47845	2417751.13360
720	1907	7	21.8356	1907.55297	2417778.33562
721	1907	8	18.0594	1907.62756	2417805.55943
722	1907	9	14.3128	1907.70223	2417832.81274
723	1907	10	11.5921	1907.77696	2417860.09211
724	1907	11	7.8899	1907.85175	2417887.38986
725	1907	12	5.2019	1907.92658	2417914.70194
726	1908	1	1.5278	1908.00144	2417942.02775
727	1908	1	28.8672	1908.07614	2417969.36723
728	1908	2	25.2068	1908.15084	2417996.70677
729	1908	3	23.5248	1908.22548	2418024.02477
730	1908	4	19.8027	1908.30001	2418051.30274
731	1908	5	17.0373	1908.37442	2418078.53730

732	1908	6	13.2421	1908.44875	2418105.74212
733	1908	7	10.4403	1908.52306	2418132.94031
734	1908	8	6.6540	1908.59742	2418160.15397
735	1908	9	2.8957	1908.67185	2418187.39569
736	1908	9	30.1659	1908.74635	2418214.66587
737	1908	10	27.4574	1908.82092	2418241.95738
738	1908	11	23.7641	1908.89553	2418269.26411
739	1908	12	21.0852	1908.97018	2418296.58517
740	1909	1	17.4195	1909.04498	2418323.91951
741	1909	2	13.7612	1909.11989	2418351.26124
742	1909	3	13.0903	1909.19477	2418378.59025
743	1909	4	9.3852	1909.26955	2418405.88516
744	1909	5	6.6358	1909.34421	2418433.13580
745	1909	6	2.8497	1909.41877	2418460.34969
746	1909	6	30.0475	1909.49328	2418487.54750
747	1909	7	27.2530	1909.56782	2418514.75294
748	1909	8	23.4830	1909.64242	2418541.98302
749	1909	9	19.7427	1909.71710	2418569.24273
750	1909	10	17.0269	1909.79185	2418596.52689
751	1909	11	13.3281	1909.86665	2418623.82806
752	1909	12	10.6434	1909.94149	2418651.14336
753	1910	1	6.9724	1910.01636	2418678.47240
754	1910	2	3.3133	1910.09127	2418705.81334
755	1910	3	2.6501	1910.16616	2418733.15009
756	1910	3	29.9605	1910.24099	2418760.46051

757	1910	4	26.2287	1910.31569	2418787.72865
758	1910	5	23.4551	1910.39029	2418814.95510
759	1910	6	19.6564	1910.46481	2418842.15641
760	1910	7	16.8564	1910.53933	2418869.35635
761	1910	8	13.0755	1910.61391	2418896.57549
762	1910	9	9.3237	1910.68856	2418923.82370
763	1910	10	6.5992	1910.76329	2418951.09914
764	1910	11	2.8942	1910.83807	2418978.39420
765	1910	11	30.2038	1910.91289	2419005.70383
766	1910	12	27.5281	1910.98775	2419033.02807
767	1911	1	23.8649	1911.06264	2419060.36485
768	1911	2	20.2058	1911.13755	2419087.70578
769	1911	3	19.5291	1911.21241	2419115.02914
770	1911	4	15.8149	1911.28716	2419142.31486
771	1911	5	13.0565	1911.36180	2419169.55646
772	1911	6	9.2649	1911.43634	2419196.76493
773	1911	7	6.4625	1911.51086	2419196.76493
774	1911	8	2.6721	1911.58540	2419251.17214
775	1911	8	29.9085	1911.66002	2419278.40852
776	1911	9	26.1740	1911.73472	2419305.67403
777	1911	10	23.4623	1911.80949	2419332.96230
778	1911	11	19.7665	1911.88429	2419360.26653
779	1911	12	17.0850	1911.95914	2419387.58505
780	1912	1	13.4173	1912.03393	2419414.91725
781	1912	2	9.7592	1912.10863	2419442.25914



782	1912	3	8.0923	1912.18331	2419469.59226
783	1912	4	4.3945	1912.25791	2419496.89448
784	1912	5	1.6529	1912.33238	2419524.15289
785	1912	5	28.8720	1912.40675	2419551.37197
786	1912	6	25.0707	1912.48107	2419578.57073
787	1912	7	22.2731	1912.55539	2419605.77314
788	1912	8	18.4980	1912.62978	2419632.99796
789	1912	9	14.7525	1912.70424	2419660.25245
790	1912	10	12.0328	1912.77878	2419687.53279
791	1912	11	8.3313	1912.85336	2419714.83133
792	1912	12	5.6442	1912.92799	2419742.14419
793	1913	1	1.9708	1913.00266	2419769.47082
794	1913	1	29.3108	1913.07756	2419796.81081
795	1913	2	25.6500	1913.15247	2419824.15001
796	1913	3	24.9667	1913.22731	2419851.46666
797	1913	4	21.2427	1913.30203	2419878.74270
798	1913	5	18.4756	1913.37665	2419905.97557
799	1913	6	14.6795	1913.45118	2419933.17953
800	1913	7	11.8779	1913.52569	2419960.37788
801	1913	8	8.0925	1913.60025	2419987.59248
802	1913	9	4.3354	1913.67489	2420014.83538
803	1913	10	1.6066	1913.74961	2420042.10655
804	1913	10	28.8987	1913.82438	2420069.39873
805	1913	11	25.2060	1913.89919	2420096.70598
806	1913	12	22.5277	1913.97405	2420124.02766

807	1914	1	18.8625	1914.04894	2420151.36253
808	1914	2	15.2042	1914.12385	2420178.70424
809	1914	3	14.5323	1914.19872	2420206.03235
810	1914	4	10.8256	1914.27349	2420233.32563
811	1914	5	8.0746	1914.34815	2420260.57458
812	1914	6	4.2874	1914.42271	2420287.78742
813	1914	7	1.4851	1914.49722	2420314.98514
814	1914	7	28.6913	1914.57176	2420342.19130
815	1914	8	24.9225	1914.64636	2420369.42248
816	1914	9	21.1832	1914.72105	2420396.68317
817	1914	10	18.4680	1914.79580	2420423.96797
818	1914	11	14.7696	1914.87060	2420451.26959
819	1914	12	12.0854	1914.94544	2420478.58543
820	1915	1	8.4151	1915.02032	2420505.91513
821	1915	2	4.7564	1915.09522	2420533.25644
822	1915	3	4.0928	1915.17012	2420560.59275
823	1915	3	31.4019	1915.24494	2420587.90186
824	1915	4	27.6683	1915.31964	2420615.16830
825	1915	5	24.8934	1915.39423	2420642.39337
826	1915	6	21.0941	1915.46875	2420669.59410
827	1915	7	18.2944	1915.54327	2420696.79434
828	1915	8	14.5144	1915.61785	2420724.01437
829	1915	9	10.7636	1915.69250	2420751.26360
830	1915	10	8.0398	1915.76723	2420778.53981
831	1915	11	4.3354	1915.84201	2420805.83541

832	1915	12	1.6456	1915.91684	2420833.14561
833	1915	12	28.9706	1915.99170	2420860.47056
834	1916	1	25.3079	1916.06642	2420887.80792
835	1916	2	21.6488	1916.14112	2420915.14875
836	1916	3	19.9711	1916.21577	2420942.47106
837	1916	4	16.2551	1916.29031	2420969.75507
838	1916	5	13.4950	1916.36474	2420996.99499
839	1916	6	9.7025	1916.43908	2421024.20251
840	1916	7	6.9001	1916.51339	2421051.40012
841	1916	8	3.1106	1916.58773	2421078.61061
842	1916	8	30.3482	1916.66215	2421105.84819
843	1916	9	26.6148	1916.73665	2421133.11477
844	1916	10	23.9038	1916.81121	2421160.40377
845	1916	11	20.2086	1916.88582	2421187.70855
846	1916	12	17.5276	1916.96046	2421215.02764
847	1917	1	13.8604	1917.03523	2421242.36035
848	1917	2	10.2023	1917.11014	2421269.70225
849	1917	3	9.5344	1917.18503	2421297.03443
850	1917	4	5.8350	1917.25982	2421324.33495
851	1917	5	3.0915	1917.33450	2421351.59152
852	1917	5	30.3094	1917.40907	2421378.80935
853	1917	6	26.5079	1917.48358	2421406.00791
854	1917	7	23.7111	1917.55811	2421433.21109
855	1917	8	19.9372	1917.63270	2421460.43725
856	1917	9	16.1930	1917.70738	2421487.69302

857	1917	10	13.4743	1917.78212	2421514.97427
858	1917	11	9.7734	1917.85691	2421542.27336
859	1917	12	7.0867	1917.93174	2421569.58668
860	1918	1	3.4138	1918.00661	2421596.91377
861	1918	1	30.7539	1918.08152	2421624.25395
862	1918	2	27.0926	1918.15642	2421651.59257
863	1918	3	26.4078	1918.23125	2421678.90780
864	1918	4	22.6820	1918.30598	2421706.18204
865	1918	5	19.9134	1918.38058	2421733.41345
866	1918	6	16.1168	1918.45511	2421760.61683
867	1918	7	13.3156	1918.52963	2421787.81562
868	1918	8	9.5313	1918.60420	2421815.03134
869	1918	9	5.7755	1918.67884	2421842.27552
870	1918	10	3.0477	1918.75356	2421869.54766
871	1918	10	30.3404	1918.82833	2421896.84042
872	1918	11	26.6481	1918.90315	2421924.14810
873	1918	12	23.9703	1918.97800	2421951.47028
874	1919	1	20.3056	1919.05289	2421978.80557
875	1919	2	16.6471	1919.12780	2422006.14714
876	1919	3	15.9742	1919.20267	2422033.47421
877	1919	4	12.2658	1919.27744	2422060.76576
878	1919	5	9.5130	1919.35209	2422088.01300
879	1919	6	5.7248	1919.42664	2422115.22479
880	1919	7	2.9225	1919.50116	2422142.42244
881	1919	7	30.1294	1919.57570	2422169.62943

882	1919	8	26.3619	1919.65031	2422196.86186
883	1919	9	22.6238	1919.72500	2422224.12375
884	1919	10	19.9094	1919.79975	2422251.40943
885	1919	11	16.2117	1919.87455	2422278.71170
886	1919	12	13.5282	1919.94939	2422306.02819
887	1920	1	9.8585	1920.02420	2422333.35852
888	1920	2	6.2000	1920.09891	2422333.35852
889	1920	3	4.5356	1920.17359	2422388.03556
890	1920	3	31.8430	1920.24820	2422415.34294
891	1920	4	28.1073	1920.32270	2422442.60731
892	1920	5	25.3308	1920.39708	2422469.83076
893	1920	6	21.5309	1920.47140	2422497.03088
894	1920	7	18.7316	1920.54571	2422524.23157
895	1920	8	14.9528	1920.62009	2422551.45280
896	1920	9	11.2034	1920.69454	2422578.70345
897	1920	10	8.4808	1920.76907	2422605.98084
898	1920	11	4.7773	1920.84365	2422633.27733
899	1920	12	2.0883	1920.91827	2422660.58829
900	1920	12	29.4140	1920.99293	2422687.91395
901	1921	1	25.7517	1921.06781	2422715.25169
902	1921	2	22.0921	1921.14272	2422742.59208
903	1921	3	21.4129	1921.21757	2422769.91293
904	1921	4	17.6948	1921.29231	2422797.19484
905	1921	5	14.9329	1921.36694	2422824.43288
906	1921	6	11.1394	1921.44148	2422851.63941

907	1921	7	8.3372	1921.51599	2422878.83715
908	1921	8	4.5487	1921.59054	2422906.04868
909	1921	8	31.7877	1921.66517	2422933.28770
910	1921	9	28.0556	1921.73988	2422933.28770
911	1921	10	25.3455	1921.81465	2422987.84546
912	1921	11	21.6509	1921.88945	2423015.15090
913	1921	12	18.9706	1921.96430	2423042.47063
914	1922	1	15.3038	1922.03919	2423069.80382
915	1922	2	11.6456	1922.11410	2423097.14564
916	1922	3	10.9768	1922.18898	2423124.47679
917	1922	4	7.2755	1922.26377	2423151.77549
918	1922	5	4.5301	1922.33844	2423179.03012
919	1922	5	31.7466	1922.41300	2423206.24664
920	1922	6	27.9449	1922.48752	2423233.44491
921	1922	7	25.1488	1922.56205	2423260.64877
922	1922	8	21.3762	1922.63665	2423287.87617
923	1922	9	17.6332	1922.71132	2423315.13321
924	1922	10	14.9154	1922.78607	2423342.41541
925	1922	11	11.2152	1922.86086	2423369.71520
926	1922	12	8.5292	1922.93570	2423397.02920
927	1923	1	4.8570	1923.01057	2423424.35703
928	1923	2	1.1976	1923.08547	2423451.69759
929	1923	2	28.5358	1923.16037	2423479.03578
930	1923	3	27.8496	1923.23520	2423506.34956
931	1923	4	24.1218	1923.30992	2423533.62184

932	1923	5	21.3515	1923.38452	2423560.85153
933	1923	6	17.5540	1923.45905	2423588.05404
934	1923	7	14.7529	1923.53357	2423615.25294
935	1923	8	10.9695	1923.60814	2423642.46953
936	1923	9	7.2149	1923.68278	2423669.71486
937	1923	10	4.4880	1923.75750	2423696.98802
938	1923	10	31.7816	1923.83228	2423724.28159
939	1923	11	28.0901	1923.90710	2423751.59006
940	1923	12	25.4131	1923.98195	2423778.91312
941	1924	1	21.7492	1924.05669	2423806.24916
942	1924	2	18.0908	1924.13140	2423833.59075
943	1924	3	16.4168	1924.20606	2423860.91678
944	1924	4	12.7065	1924.28062	2423888.20646
945	1924	5	9.9517	1924.35506	2423915.45172
946	1924	6	6.1622	1924.42941	2423942.66222
947	1924	7	3.3596	1924.50371	2423969.85961
948	1924	7	30.5673	1924.57805	2423997.06725
949	1924	8	26.8009	1924.65246	2424024.30086
950	1924	9	23.0639	1924.72695	2424051.56394
951	1924	10	20.3506	1924.80150	2424078.85054
952	1924	11	16.6536	1924.87610	2424106.15359
953	1924	12	13.9709	1924.95074	2424133.47086
954	1925	1	10.3019	1925.02548	2424160.80190
955	1925	2	6.6436	1925.10039	2424188.14361
956	1925	3	5.9784	1925.17528	2424215.47840

957	1925	4	2.2841	1925.25009	2424242.78411
958	1925	4	29.5465	1925.32478	2424270.04646
959	1925	5	26.7684	1925.39937	2424297.26839
960	1925	6	22.9680	1925.47388	2424324.46795
961	1925	7	20.1691	1925.54841	2424351.66913
962	1925	8	16.3915	1925.62299	2424378.89152
963	1925	9	12.6434	1925.69765	2424406.14341
964	1925	10	9.9218	1925.77239	2424433.42179
965	1925	11	6.2190	1925.84718	2424460.71896
966	1925	12	3.5305	1925.92200	2424488.03052
967	1925	12	30.8569	1925.99687	2424515.35684
968	1926	1	27.1950	1926.07177	2424542.69501
969	1926	2	23.5351	1926.14667	2424570.03510
970	1926	3	22.8547	1926.22152	2424597.35471
971	1926	4	19.1348	1926.29626	2424624.63484
972	1926	5	16.3713	1926.37088	2424651.87127
973	1926	6	12.5770	1926.44542	2424679.07698
974	1926	7	9.7749	1926.51993	2424706.27487
975	1926	8	5.9873	1926.59449	2424733.48729
976	1926	9	2.2274	1926.66912	2424760.72743
977	1926	9	29.4962	1926.74383	2424787.99619
978	1926	10	26.7867	1926.81859	2424815.28668
979	1926	11	23.0926	1926.89340	2424842.59258
980	1926	12	20.4129	1926.96825	2424869.91287
981	1927	1	16.7467	1927.04314	2424897.24667



982	1927	2	13.0886	1927.11805	2424924.58862
983	1927	3	12.4190	1927.19293	2424951.91902
984	1927	4	8.7162	1927.26772	2424979.21618
985	1927	5	5.9691	1927.34238	2425006.46911
986	1927	6	2.1845	1927.41694	2425033.68448
987	1927	6	29.3825	1927.49146	2425060.88251
988	1927	7	26.5870	1927.56599	2425088.08699
989	1927	8	22.8155	1927.64059	2425115.31547
990	1927	9	19.0736	1927.71527	2425142.57358
991	1927	10	16.3565	1927.79002	2425169.85654
992	1927	11	12.6569	1927.86481	2425197.15687
993	1927	12	9.9715	1927.93965	2425224.47148
994	1928	1	6.3000	1928.01448	2425251.79997
995	1928	2	2.6409	1928.08918	2425279.14088
996	1928	2	29.9786	1928.16388	2425306.47856
997	1928	3	28.2909	1928.23850	2425333.79090
998	1928	4	24.5613	1928.31301	2425361.06127
999	1928	5	21.7894	1928.38740	2425388.28940
1000	1928	6	17.9912	1928.46172	2425415.49123
1001	1928	7	15.1905	1928.53604	2425442.69049
1002	1928	8	11.4082	1928.61040	2425469.90816
1003	1928	9	7.6548	1928.68485	2425497.15479
1004	1928	10	4.9290	1928.75937	2425524.42902
1005	1928	11	1.2233	1928.83394	2425551.72330
1006	1928	11	28.5324	1928.90856	2425579.03236

1007	1928	12	25.8560	1928.98321	2425606.35603
1008	1929	1	22.1925	1929.05806	2425633.69244
1009	1929	2	18.5338	1929.13297	2425661.03375
1010	1929	3	17.8585	1929.20783	2425688.35854
1011	1929	4	14.1464	1929.28259	2425715.64634
1012	1929	5	11.3899	1929.35723	2425742.88987
1013	1929	6	7.5994	1929.43178	2425770.09943
1014	1929	7	4.7970	1929.50629	2425797.29697
1015	1929	8	1.0057	1929.58084	2425824.50566
1016	1929	8	28.2407	1929.65545	2425851.74068
1017	1929	9	24.5050	1929.73015	2425879.00498
1018	1929	10	21.7924	1929.80491	2425906.29237
1019	1929	11	18.0959	1929.87971	2425933.59587
1020	1929	12	15.4136	1929.95456	2425960.91354
1021	1930	1	11.7449	1930.02944	2425988.24492
1022	1930	2	8.0865	1930.10435	2426015.58653
1023	1930	3	7.4204	1930.17923	2426042.92042
1024	1930	4	3.7245	1930.25404	2426070.22444
1025	1930	4	30.9850	1930.32873	2426097.48501
1026	1930	5	28.2057	1930.40330	2426124.70573
1027	1930	6	24.4051	1930.47782	2426151.90510
1028	1930	7	21.6071	1930.55235	2426179.10707
1029	1930	8	17.8308	1930.62693	2426206.33079
1030	1930	9	14.0840	1930.70160	2426206.33079
1031	1930	10	11.3633	1930.77634	2426260.86333

1032	1930	11	7.6611	1930.85113	2426288.16105
1033	1930	12	4.9731	1930.92595	2426315.47308
1034	1931	1	1.2988	1931.00082	2426342.79882
1035	1931	1	28.6383	1931.07572	2426370.13829
1036	1931	2	24.9779	1931.15062	2426397.47792
1037	1931	3	24.2961	1931.22547	2426424.79612
1038	1931	4	20.5744	1931.30020	2426452.07436
1039	1931	5	17.8092	1931.37482	2426479.30916
1040	1931	6	14.0141	1931.44935	2426506.51406
1041	1931	7	11.2122	1931.52387	2426533.71219
1042	1931	8	7.4257	1931.59843	2426560.92566
1043	1931	9	3.6671	1931.67306	2426588.16712
1044	1931	9	30.9370	1931.74777	2426615.43703
1045	1931	10	28.2283	1931.82254	2426642.72832
1046	1931	11	24.5349	1931.89736	2426670.03487
1047	1931	12	21.8558	1931.97221	2426697.35583
1048	1932	1	18.1902	1932.04697	2426724.69016
1049	1932	2	14.5320	1932.12167	2426752.03200
1050	1932	3	12.8613	1932.19634	2426779.36130
1051	1932	4	9.1566	1932.27092	2426806.65655
1052	1932	5	6.4075	1932.34538	2426833.90750
1053	1932	6	2.6216	1932.41973	2426861.12156
1054	1932	6	29.8194	1932.49404	2426888.31939
1055	1932	7	27.0247	1932.56837	2426915.52469
1056	1932	8	23.2546	1932.64277	2426942.75456

1057	1932	9	19.5141	1932.71725	2426970.01407
1058	1932	10	16.7981	1932.79180	2426997.29813
1059	1932	11	13.0992	1932.86639	2427024.59924
1060	1932	12	10.4145	1932.94102	2427051.91453
1061	1933	1	6.7436	1933.01574	2427079.24356
1062	1933	2	3.0845	1933.09064	2427106.58454
1063	1933	3	2.4214	1933.16554	2427133.92137
1064	1933	3	29.7319	1933.24036	2427161.23190
1065	1933	4	26.0002	1933.31507	2427188.50014
1066	1933	5	23.2266	1933.38966	2427215.72661
1067	1933	6	19.4278	1933.46419	2427242.92784
1068	1933	7	16.6276	1933.53871	2427270.12763
1069	1933	8	12.8466	1933.61328	2427297.34661
1070	1933	9	9.0948	1933.68793	2427324.59476
1071	1933	10	6.3702	1933.76266	2427351.87021
1072	1933	11	2.6653	1933.83744	2427379.16534
1073	1933	11	29.9751	1933.91226	2427406.47505
1074	1933	12	27.2993	1933.98712	2427406.47505
1075	1934	1	23.6361	1934.06202	2427461.13608
1076	1934	2	19.9770	1934.13692	2427488.47701
1077	1934	3	19.3005	1934.21178	2427515.80045
1078	1934	4	15.5863	1934.28654	2427543.08631
1079	1934	5	12.8280	1934.36117	2427570.32802
1080	1934	6	9.0366	1934.43572	2427597.53657
1081	1934	7	6.2342	1934.51023	2427624.73416

1082	1934	8	2.4438	1934.58478	2427651.94376
1083	1934	8	29.6801	1934.65940	2427679.18007
1084	1934	9	25.9455	1934.73410	2427706.44552
1085	1934	10	23.2337	1934.80886	2427733.73372
1086	1934	11	19.5378	1934.88367	2427761.03782
1087	1934	12	16.8562	1934.95851	2427788.35616
1088	1935	1	13.1882	1935.03339	2427815.68816
1089	1935	2	9.5299	1935.10830	2427843.02993
1090	1935	3	8.8630	1935.18319	2427870.36304
1091	1935	4	5.1654	1935.25799	2427897.66544
1092	1935	5	2.4241	1935.33267	2427924.92409
1093	1935	5	29.6434	1935.40724	2427952.14339
1094	1935	6	25.8423	1935.48176	2427979.34229
1095	1935	7	23.0448	1935.55629	2428006.54475
1096	1935	8	19.2696	1935.63088	2428033.76955
1097	1935	9	15.5240	1935.70555	2428061.02397
1098	1935	10	12.8042	1935.78029	2428088.30425
1099	1935	11	9.1027	1935.85508	2428115.60270
1100	1935	12	6.4155	1935.92991	2428142.91547
1101	1936	1	2.7420	1936.00476	2428170.24201
1102	1936	1	30.0820	1936.07946	2428197.58197
1103	1936	2	26.4212	1936.15416	2428224.92122
1104	1936	3	24.7380	1936.22879	2428252.23802
1105	1936	4	21.0142	1936.30332	2428279.51424
1106	1936	5	18.2472	1936.37772	2428306.74721

1107	1936	6	14.4512	1936.45205	2428333.95116
1108	1936	7	11.6494	1936.52636	2428361.14938
1109	1936	8	7.8638	1936.60072	2428388.36377
1110	1936	9	4.1065	1936.67515	2428415.60649
1111	1936	10	1.3775	1936.74967	2428442.87755
1112	1936	10	28.6697	1936.82423	2428470.16969
1113	1936	11	24.9770	1936.89884	2428497.47697
1114	1936	12	22.2987	1936.97349	2428524.79869
1115	1937	1	18.6336	1937.04831	2428552.13361
1116	1937	2	14.9754	1937.12322	2428579.47542
1117	1937	3	14.3037	1937.19809	2428606.80366
1118	1937	4	10.5971	1937.27287	2428634.09709
1119	1937	5	7.8462	1937.34752	2428661.34617
1120	1937	6	4.0591	1937.42208	2428688.55906
1121	1937	7	1.2567	1937.49659	2428715.75672
1122	1937	7	28.4628	1937.57113	2428742.96281
1123	1937	8	24.6939	1937.64574	2428770.19392
1124	1937	9	20.9546	1937.72042	2428797.45459
1125	1937	10	18.2394	1937.79518	2428824.73942
1126	1937	11	14.5411	1937.86998	2428852.04105
1127	1937	12	11.8568	1937.94481	2428879.35684
1128	1938	1	8.1864	1938.01969	2428906.68640
1129	1938	2	4.5276	1938.09460	2428934.02756
1130	1938	3	3.8638	1938.16949	2428961.36377
1131	1938	3	31.1729	1938.24431	2428988.67287

1132	1938	4	27.4394	1938.31901	2429015.93936
1133	1938	5	24.6645	1938.39360	2429043.16453
1134	1938	6	20.8653	1938.46812	2429070.36534
1135	1938	7	18.0656	1938.54265	2429097.56565
1136	1938	8	14.2857	1938.61722	2429124.78573
1137	1938	9	10.5350	1938.69188	2429152.03502
1138	1938	10	7.8113	1938.76661	2429179.31128
1139	1938	11	4.1069	1938.84139	2429206.60689
1140	1938	12	1.4170	1938.91621	2429233.91703
1141	1938	12	28.7419	1938.99107	2429261.24184
1142	1939	1	25.0791	1939.06597	2429288.57906
1143	1939	2	21.4199	1939.14088	2429315.91985
1144	1939	3	20.7422	1939.21573	2429343.24223
1145	1939	4	17.0264	1939.29048	2429370.52642
1146	1939	5	14.2666	1939.36511	2429397.76655
1147	1939	6	10.4742	1939.43966	2429424.97422
1148	1939	7	7.6719	1939.51417	2429452.17188
1149	1939	8	3.8823	1939.58872	2429479.38230
1150	1939	8	31.1197	1939.66334	2429506.61973
1151	1939	9	27.3861	1939.73804	2429533.88613
1152	1939	10	24.6750	1939.81281	2429561.17494
1153	1939	11	20.9795	1939.88762	2429588.47955
1154	1939	12	18.2985	1939.96246	2429615.79847
1155	1940	1	14.6311	1940.03724	2429643.13106
1156	1940	2	10.9730	1940.11195	2429670.47297

1157	1940	3	9.3053	1940.18663	2429697.80531
1158	1940	4	5.6061	1940.26122	2429725.10612
1159	1940	5	2.8630	1940.33569	2429752.36299
1160	1940	5	30.0811	1940.41006	2429779.58105
1161	1940	6	26.2797	1940.48437	2429806.77970
1162	1940	7	23.4829	1940.55870	2429833.98286
1163	1940	8	19.7089	1940.63308	2429861.20890
1164	1940	9	15.9646	1940.70755	2429888.46456
1165	1940	10	13.2457	1940.78209	2429915.74571
1166	1940	11	9.5447	1940.85668	2429943.04472
1167	1940	12	6.8580	1940.93131	2429970.35796
1168	1941	1	3.1850	1941.00599	2429997.68497
1169	1941	1	30.5251	1941.08089	2430025.02507
1170	1941	2	26.8637	1941.15579	2430052.36369
1171	1941	3	26.1790	1941.23063	2430079.67898
1172	1941	4	22.4533	1941.30535	2430106.95332
1173	1941	5	19.6848	1941.37996	2430134.18480
1174	1941	6	15.8882	1941.45449	2430161.38822
1175	1941	7	13.0870	1941.52901	2430188.58697
1176	1941	8	9.3026	1941.60357	2430215.80264
1177	1941	9	5.5468	1941.67821	2430243.04679
1178	1941	10	2.8189	1941.75293	2430270.31895
1179	1941	10	30.1117	1941.82770	2430297.61172
1180	1941	11	26.4194	1941.90252	2430324.91940
1181	1941	12	23.7415	1941.97737	2430352.24149



1182	1942	1	20.0767	1942.05226	2430379.57668
1183	1942	2	16.4182	1942.12717	2430406.91817
1184	1942	3	15.7453	1942.20204	2430434.24528
1185	1942	4	12.0370	1942.27681	2430461.53697
1186	1942	5	9.2844	1942.35146	2430488.78440
1187	1942	6	5.4964	1942.42602	2430515.99640
1188	1942	7	2.6942	1942.50053	2430543.19420
1189	1942	7	29.9013	1942.57507	2430570.40126
1190	1942	8	26.1337	1942.64968	2430597.63370
1191	1942	9	22.3955	1942.72437	2430624.89552
1192	1942	10	19.6811	1942.79913	2430652.18105
1193	1942	11	15.9831	1942.87393	2430679.48309
1194	1942	12	13.2993	1942.94877	2430706.79928
1195	1943	1	9.6293	1943.02364	2430734.12928
1196	1943	2	5.9705	1943.09855	2430761.47053
1197	1943	3	5.3060	1943.17344	2430788.80603
1198	1943	4	1.6136	1943.24826	2430816.11360
1199	1943	4	28.8783	1943.32295	2430843.37829
1200	1943	5	26.1021	1943.39754	2430870.60211
1201	1943	6	22.3025	1943.47206	2430897.80253
1202	1943	7	19.5034	1943.54658	2430925.00343
1203	1943	8	15.7247	1943.62116	2430952.22472
1204	1943	9	11.9753	1943.69582	2430979.47531
1205	1943	10	9.2526	1943.77055	2431006.75257
1206	1943	11	5.5489	1943.84534	2431034.04885

1207	1943	12	2.8596	1943.92016	2431061.35957
1208	1943	12	30.1850	1943.99503	2431088.68500
1209	1944	1	26.5226	1944.06973	2431116.02257
1210	1944	2	22.8630	1944.14443	2431143.36294
1211	1944	3	21.1839	1944.21908	2431170.68392
1212	1944	4	17.4661	1944.29362	2431197.96610
1213	1944	5	14.7044	1944.36804	2431225.20440
1214	1944	6	10.9111	1944.44238	2431252.41110
1215	1944	7	8.1089	1944.51669	2431279.60888
1216	1944	8	4.3203	1944.59104	2431306.82034
1217	1944	8	31.5592	1944.66546	2431334.05919
1218	1944	9	27.8269	1944.73996	2431361.32689
1219	1944	10	25.1167	1944.81453	2431388.61666
1220	1944	11	21.4220	1944.88913	2431415.92196
1221	1944	12	18.7416	1944.96377	2431443.24155
1222	1945	1	15.0747	1945.03856	2431470.57464
1223	1945	2	11.4164	1945.11347	2431497.91645
1224	1945	3	10.7477	1945.18835	2431525.24770
1225	1945	4	7.0466	1945.26314	2431552.54661
1226	1945	5	4.3015	1945.33781	2431579.80149
1227	1945	5	31.5183	1945.41238	2431607.01825
1228	1945	6	27.7167	1945.48689	2431607.01825
1229	1945	7	24.9206	1945.56143	2431661.42060
1230	1945	8	21.1480	1945.63602	2431688.64801
1231	1945	9	17.4050	1945.71070	2431715.90502

1232	1945	10	14.6872	1945.78544	2431743.18715
1233	1945	11	10.9868	1945.86024	2431770.48679
1234	1945	12	8.3006	1945.93507	2431797.80059
1235	1946	1	4.6281	1946.00994	2431825.12811
1236	1946	1	31.9684	1946.08484	2431852.46839
1237	1946	2	28.3064	1946.15974	2431879.80640
1238	1946	3	27.6202	1946.23458	2431907.12019
1239	1946	4	23.8926	1946.30929	2431934.39263
1240	1946	5	21.1226	1946.38390	2431961.62257
1241	1946	6	17.3254	1946.45843	2431988.82535
1242	1946	7	14.5245	1946.53294	2432016.02448
1243	1946	8	10.7412	1946.60751	2432043.24123
1244	1946	9	6.9867	1946.68216	2432070.48666
1245	1946	10	4.2598	1946.75688	2432097.75980
1246	1946	10	31.5533	1946.83165	2432125.05326
1247	1946	11	27.8615	1946.90647	2432152.36153
1248	1946	12	25.1843	1946.98133	2432179.68431
1249	1947	1	21.5201	1947.05622	2432207.02006
1250	1947	2	17.8615	1947.13113	2432234.36150
1251	1947	3	17.1876	1947.20599	2432261.68758
1252	1947	4	13.4775	1947.28076	2432288.97751
1253	1947	5	10.7231	1947.35541	2432316.22313
1254	1947	6	6.9339	1947.42996	2432343.43394
1255	1947	7	4.1315	1947.50447	2432370.63153
1256	1947	7	31.3392	1947.57901	2432397.83922

1257	1947	8	27.5728	1947.65362	2432425.07274
1258	1947	9	23.8356	1947.72832	2432452.33560
1259	1947	10	21.1219	1947.80307	2432479.62194
1260	1947	11	17.4247	1947.87788	2432506.92468
1261	1947	12	14.7417	1947.95272	2432534.24164
1262	1948	1	11.0724	1948.02752	2432561.57244
1263	1948	2	7.4141	1948.10222	2432588.91405
1264	1948	3	5.7490	1948.17691	2432616.24897
1265	1948	4	2.0550	1948.25152	2432643.55499
1266	1948	4	29.3178	1948.32600	2432670.81774
1267	1948	5	26.5400	1948.40038	2432698.04003
1268	1948	6	22.7399	1948.47470	2432725.23985
1269	1948	7	19.9411	1948.54902	2432752.44112
1270	1948	8	16.1634	1948.62340	2432779.66344
1271	1948	9	12.4152	1948.69786	2432806.91521
1272	1948	10	9.6934	1948.77239	2432834.19343
1273	1948	11	5.9904	1948.84697	2432861.49041
1274	1948	12	3.3018	1948.92159	2432888.80178
1275	1948	12	30.6279	1948.99625	2432916.12791
1276	1949	1	26.9659	1949.07114	2432943.46593
1277	1949	2	23.3060	1949.14604	2432970.80598
1278	1949	3	22.6257	1949.22089	2432998.12567
1279	1949	4	18.9060	1949.29563	2433025.40597
1280	1949	5	16.1426	1949.37025	2433052.64260
1281	1949	6	12.3484	1949.44479	2433079.84845

1282	1949	7	9.5464	1949.51931	2433107.04639
1283	1949	8	5.7588	1949.59386	2433134.25881
1284	1949	9	1.9989	1949.66849	2433161.49890
1285	1949	9	29.2676	1949.74320	2433188.76760
1286	1949	10	26.5580	1949.81797	2433216.05802
1287	1949	11	22.8638	1949.89278	2433243.36383
1288	1949	12	20.1840	1949.96763	2433270.68397
1289	1950	1	16.5176	1950.04251	2433298.01760
1290	1950	2	12.8595	1950.11742	2433325.35946
1291	1950	3	12.1899	1950.19230	2433352.68992
1292	1950	4	8.4873	1950.26709	2433379.98729
1293	1950	5	5.7405	1950.34175	2433407.24052
1294	1950	6	1.9562	1950.41632	2433434.45619
1295	1950	6	29.1544	1950.49083	2433461.65443
1296	1950	7	26.3590	1950.56537	2433461.65443
1297	1950	8	22.5875	1950.63997	2433516.08748
1298	1950	9	18.8454	1950.71465	2433543.34544
1299	1950	10	16.1282	1950.78939	2433570.62816
1300	1950	11	12.4282	1950.86419	2433597.92818
1301	1950	12	9.7424	1950.93902	2433625.24242
1302	1951	1	6.0706	1951.01389	2433652.57054
1303	1951	2	2.4112	1951.08880	2433679.91123
1304	1951	3	1.7489	1951.16370	2433707.24891
1305	1951	3	29.0615	1951.23852	2433734.56149
1306	1951	4	25.3323	1951.31324	2433761.83229

1307	1951	5	22.5609	1951.38784	2433789.06088
1308	1951	6	18.7631	1951.46236	2433816.26309
1309	1951	7	15.9626	1951.53688	2433843.46256
1310	1951	8	12.1803	1951.61145	2433870.68024
1311	1951	9	8.4267	1951.68610	2433897.92674
1312	1951	10	5.7007	1951.76082	2433925.20071
1313	1951	11	1.9947	1951.83560	2433952.49469
1314	1951	11	29.3034	1951.91042	2433979.80345
1315	1951	12	26.6269	1951.98528	2434007.12684
1316	1952	1	22.9631	1952.06001	2434034.46311
1317	1952	2	19.3045	1952.13471	2434061.80446
1318	1952	3	17.6295	1952.20937	2434089.12949
1319	1952	4	13.9177	1952.28393	2434116.41767
1320	1952	5	11.1616	1952.35836	2434143.66157
1321	1952	6	7.3714	1952.43271	2434170.87139
1322	1952	7	4.5690	1952.50702	2434198.06897
1323	1952	7	31.7775	1952.58136	2434225.27753
1324	1952	8	28.0123	1952.65577	2434252.51229
1325	1952	9	24.2763	1952.73026	2434279.77628
1326	1952	10	21.5634	1952.80482	2434307.06339
1327	1952	11	17.8667	1952.87942	2434334.36666
1328	1952	12	15.1842	1952.95406	2434361.68417
1329	1953	1	11.5155	1953.02881	2434389.01547
1330	1953	2	7.8571	1953.10372	2434416.35714
1331	1953	3	7.1912	1953.17861	2434443.69124

1332	1953	4	3.4956	1953.25341	2434470.99562
1333	1953	4	30.7566	1953.32810	2434498.25659
1334	1953	5	27.9776	1953.40268	2434525.47763
1335	1953	6	24.1772	1953.47720	2434552.67719
1336	1953	7	21.3792	1953.55172	2434579.87919
1337	1953	8	17.6028	1953.62631	2434607.10280
1338	1953	9	13.8559	1953.70097	2434634.35584
1339	1953	10	11.1349	1953.77571	2434661.63493
1340	1953	11	7.4324	1953.85050	2434688.93238
1341	1953	12	4.7441	1953.92533	2434716.24412
1342	1954	1	1.0696	1954.00019	2434743.56958
1343	1954	1	28.4088	1954.07509	2434770.90883
1344	1954	2	24.7484	1954.15000	2434798.24840
1345	1954	3	24.0668	1954.22484	2434825.56676
1346	1954	4	20.3453	1954.29958	2434852.84531
1347	1954	5	17.5805	1954.37419	2434880.08049
1348	1954	6	13.7857	1954.44873	2434907.28573
1349	1954	7	10.9841	1954.52324	2434934.48407
1350	1954	8	7.1976	1954.59780	2434961.69760
1351	1954	9	3.4390	1954.67244	2434988.93899
1352	1954	9	30.7087	1954.74715	2435016.20873
1353	1954	10	27.9998	1954.82192	2435043.49977
1354	1954	11	24.3060	1954.89673	2435070.80601
1355	1954	12	21.6267	1954.97158	2435098.12667
1356	1955	1	17.9608	1955.04647	2435125.46075

1357	1955	2	14.3025	1955.12138	2435152.80255
1358	1955	3	13.6320	1955.19625	2435180.13204
1359	1955	4	9.9277	1955.27103	2435207.42770
1360	1955	5	7.1791	1955.34570	2435234.67913
1361	1955	6	3.3936	1955.42026	2435261.89361
1362	1955	6	30.5917	1955.49477	2435289.09166
1363	1955	7	27.7970	1955.56931	2435316.29696
1364	1955	8	24.0266	1955.64391	2435343.52661
1365	1955	9	20.2858	1955.71859	2435370.78575
1366	1955	10	17.5694	1955.79334	2435398.06935
1367	1955	11	13.8701	1955.86814	2435425.37005
1368	1955	12	11.1850	1955.94297	2435452.68497
1369	1956	1	7.5138	1956.01780	2435480.01378
1370	1956	2	3.8547	1956.09250	2435507.35473
1371	1956	3	2.1918	1956.16719	2435534.69181
1372	1956	3	29.5028	1956.24181	2435562.00280
1373	1956	4	25.7716	1956.31632	2435589.27159
1374	1956	5	22.9986	1956.39071	2435616.49854
1375	1956	6	19.2001	1956.46503	2435643.70006
1376	1956	7	16.3999	1956.53934	2435670.89991
1377	1956	8	12.6187	1956.61371	2435670.89991
1378	1956	9	8.8666	1956.68816	2435725.36662
1379	1956	10	6.1417	1956.76268	2435752.64175
1380	1956	11	2.4366	1956.83726	2435779.93657
1381	1956	11	29.7460	1956.91187	2435807.24602



1382	1956	12	27.0701	1956.98653	2435834.57008
1383	1957	1	23.4068	1957.06139	2435861.90675
1384	1957	2	19.7477	1957.13630	2435889.24773
1385	1957	3	19.0714	1957.21115	2435916.57139
1386	1957	4	15.3576	1957.28591	2435943.85755
1387	1957	5	12.5996	1957.36055	2435971.09956
1388	1957	6	8.8083	1957.43509	2435998.30831
1389	1957	7	6.0059	1957.50961	2436025.50594
1390	1957	8	2.2155	1957.58415	2436052.71547
1391	1957	8	29.4516	1957.65877	2436079.95162
1392	1957	9	25.7169	1957.73347	2436107.21689
1393	1957	10	23.0049	1957.80823	2436134.50491
1394	1957	11	19.3089	1957.88304	2436161.80884
1395	1957	12	16.6270	1957.95788	2436189.12701
1396	1958	1	12.9589	1958.03276	2436216.45890
1397	1958	2	9.3006	1958.10767	2436243.80064
1398	1958	3	8.6339	1958.18256	2436271.13390
1399	1958	4	4.9366	1958.25736	2436298.43660
1400	1958	5	2.1956	1958.33204	2436325.69565
1401	1958	5	29.4153	1958.40662	2436352.91529
1402	1958	6	25.6144	1958.48114	2436380.11442
1403	1958	7	22.8169	1958.55566	2436407.31692
1404	1958	8	19.0416	1958.63025	2436434.54162
1405	1958	9	15.2958	1958.70492	2436461.79580
1406	1958	10	12.5758	1958.77966	2436489.07574

1407	1958	11	8.8738	1958.85445	2436516.37384
1408	1958	12	6.1862	1958.92928	2436543.68624
1409	1959	1	2.5125	1959.00414	2436571.01247
1410	1959	1	29.8522	1959.07905	2436598.35225
1411	1959	2	26.1916	1959.15395	2436625.69156
1412	1959	3	25.5087	1959.22879	2436653.00867
1413	1959	4	21.7854	1959.30352	2436680.28538
1414	1959	5	19.0189	1959.37813	2436707.51885
1415	1959	6	15.2232	1959.45267	2436734.72316
1416	1959	7	12.4215	1959.52718	2436761.92154
1417	1959	8	8.6359	1959.60174	2436789.13587
1418	1959	9	4.8784	1959.67638	2436816.37837
1419	1959	10	2.1491	1959.75109	2436843.64910
1420	1959	10	29.4409	1959.82587	2436870.94091
1421	1959	11	25.7479	1959.90068	2436898.24791
1422	1959	12	23.0694	1959.97553	2436925.56942
1423	1960	1	19.4043	1960.05028	2436952.90426
1424	1960	2	15.7462	1960.12499	2436980.24617
1425	1960	3	14.0747	1960.19966	2437007.57472
1426	1960	4	10.3686	1960.27423	2437034.86858
1427	1960	5	7.6180	1960.34868	2437062.11803
1428	1960	6	3.8311	1960.42304	2437089.33113
1429	1960	7	1.0288	1960.49735	2437116.52880
1430	1960	7	28.2347	1960.57168	2437143.73465
1431	1960	8	24.4654	1960.64608	2437170.96542

1432	1960	9	20.7257	1960.72056	2437198.22572
1433	1960	10	18.0103	1960.79511	2437225.51024
1434	1960	11	14.3117	1960.86970	2437252.81169
1435	1960	12	11.6274	1960.94434	2437280.12738
1436	1961	1	7.9570	1961.01906	2437307.45697
1437	1961	2	4.2983	1961.09397	2437334.79828
1438	1961	3	3.6348	1961.16886	2437362.13478
1439	1961	3	30.9443	1961.24368	2437389.44426
1440	1961	4	27.2111	1961.31839	2437416.71113
1441	1961	5	24.4366	1961.39298	2437443.93656
1442	1961	6	20.6375	1961.46750	2437471.13748
1443	1961	7	17.8377	1961.54202	2437498.33770
1444	1961	8	14.0576	1961.61660	2437525.55757
1445	1961	9	10.3066	1961.69125	2437552.80660
1446	1961	10	7.5826	1961.76598	2437580.08262
1447	1961	11	3.8780	1961.84076	2437607.37801
1448	1961	12	1.1880	1961.91558	2437634.68796
1449	1961	12	28.5126	1961.99045	2437662.01263
1450	1962	1	24.8498	1962.06534	2437689.34976
1451	1962	2	21.1906	1962.14025	2437716.69057
1452	1962	3	20.5132	1962.21510	2437744.01316
1453	1962	4	16.7977	1962.28986	2437771.29764
1454	1962	5	14.0381	1962.36449	2437798.53809
1455	1962	6	10.2460	1962.43903	2437825.74598
1456	1962	7	7.4437	1962.51354	2437852.94370

1457	1962	8	3.6541	1962.58809	2437880.15407
1458	1962	8	30.8913	1962.66272	2437907.39133
1459	1962	9	27.1575	1962.73742	2437934.65751
1460	1962	10	24.4461	1962.81218	2437961.94611
1461	1962	11	20.7505	1962.88699	2437989.25051
1462	1962	12	18.0693	1962.96183	2438016.56927
1463	1963	1	14.4018	1963.03672	2438043.90178
1464	1963	2	10.7438	1963.11163	2438043.90178
1465	1963	3	10.0764	1963.18651	2438098.57637
1466	1963	4	6.3776	1963.26131	2438125.87758
1467	1963	5	3.6349	1963.33599	2438153.13488
1468	1963	5	30.8533	1963.41056	2438180.35325
1469	1963	6	27.0520	1963.48507	2438207.55199
1470	1963	7	24.2550	1963.55960	2438234.75499
1471	1963	8	20.4807	1963.63419	2438261.98068
1472	1963	9	16.7359	1963.70887	2438289.23590
1473	1963	10	14.0166	1963.78361	2438316.51662
1474	1963	11	10.3153	1963.85840	2438343.81529
1475	1963	12	7.6283	1963.93323	2438371.12831
1476	1964	1	3.9552	1964.00807	2438398.45524
1477	1964	1	31.2955	1964.08277	2438425.79546
1478	1964	2	27.6344	1964.15747	2438453.13442
1479	1964	3	25.9502	1964.23210	2438480.45021
1480	1964	4	22.2251	1964.30663	2438507.72507
1481	1964	5	19.4570	1964.38103	2438534.95696

1482	1964	6	15.6605	1964.45536	2438562.16052
1483	1964	7	12.8592	1964.52967	2438589.35918
1484	1964	8	9.0746	1964.60403	2438616.57455
1485	1964	9	5.3183	1964.67847	2438643.81833
1486	1964	10	2.5901	1964.75298	2438671.09013
1487	1964	10	29.8827	1964.82755	2438698.38266
1488	1964	11	26.1902	1964.90216	2438725.69020
1489	1964	12	23.5123	1964.97681	2438753.01225
1490	1965	1	19.8475	1965.05164	2438780.34748
1491	1965	2	16.1892	1965.12655	2438807.68914
1492	1965	3	15.5165	1965.20142	2438835.01653
1493	1965	4	11.8085	1965.27619	2438862.30853
1494	1965	5	9.0562	1965.35084	2438889.55620
1495	1965	6	5.2683	1965.42539	2438916.76828
1496	1965	7	2.4660	1965.49991	2438943.96598
1497	1965	7	29.6728	1965.57445	2438971.17282
1498	1965	8	25.9050	1965.64905	2438998.40499
1499	1965	9	22.1666	1965.72374	2439025.66657
1500	1965	10	19.4520	1965.79850	2439052.95194
1501	1965	11	15.7539	1965.87330	2439080.25391
1502	1965	12	13.0701	1965.94814	2439107.57007
1503	1966	1	9.4001	1966.02301	2439134.90008
1504	1966	2	5.7414	1966.09792	2439162.24144
1505	1966	3	5.0772	1966.17281	2439189.57715
1506	1966	4	1.3851	1966.24763	2439216.88505

1507	1966	4	28.6501	1966.32233	2439244.15009
1508	1966	5	25.8742	1966.39692	2439271.37417
1509	1966	6	22.0747	1966.47144	2439298.57470
1510	1966	7	19.2755	1966.54596	2439325.77551
1511	1966	8	15.4966	1966.62054	2439352.99659
1512	1966	9	11.7469	1966.69520	2439380.24688
1513	1966	10	9.0238	1966.76993	2439407.52382
1514	1966	11	5.3198	1966.84471	2439434.81980
1515	1966	12	2.6303	1966.91953	2439462.13027
1516	1966	12	29.9555	1966.99440	2439489.45549
1517	1967	1	26.2930	1967.06930	2439516.79299
1518	1967	2	22.6335	1967.14420	2439544.13348
1519	1967	3	21.9548	1967.21905	2439571.45480
1520	1967	4	18.2374	1967.29380	2439598.73743
1521	1967	5	15.4762	1967.36843	2439625.97617
1522	1967	6	11.6831	1967.44297	2439653.18314
1523	1967	7	8.8810	1967.51748	2439680.38097
1524	1967	8	5.0923	1967.59203	2439707.59229
1525	1967	9	1.3309	1967.66666	2439734.83087
1526	1967	9	28.5983	1967.74137	2439762.09825
1527	1967	10	25.8877	1967.81613	2439789.38773
1528	1967	11	22.1928	1967.89094	2439816.69284
1529	1967	12	19.5123	1967.96579	2439844.01231
1530	1968	1	15.8454	1968.04056	2439871.34542
1531	1968	2	12.1874	1968.11527	2439898.68737

1532	1968	3	10.5189	1968.18994	2439926.01894
1533	1968	4	6.8182	1968.26453	2439953.31823
1534	1968	5	4.0734	1968.33900	2439980.57344
1535	1968	5	31.2903	1968.41336	2440007.79032
1536	1968	6	27.4887	1968.48767	2440034.98866
1537	1968	7	24.6923	1968.56200	2440062.19231
1538	1968	8	20.9194	1968.63639	2440089.41934
1539	1968	9	17.1760	1968.71086	2440116.67600
1540	1968	10	14.4579	1968.78540	2440143.95788
1541	1968	11	10.7574	1968.85999	2440171.25742
1542	1968	12	8.0712	1968.93462	2440198.57120
1543	1969	1	4.3988	1969.00931	2440225.89882
1544	1969	1	31.7393	1969.08422	2440253.23928
1545	1969	2	28.0776	1969.15912	2440280.57756
1546	1969	3	27.3917	1969.23395	2440307.89169
1547	1969	4	23.6644	1969.30867	2440335.16443
1548	1969	5	20.8946	1969.38327	2440362.39456
1549	1969	6	17.0974	1969.45780	2440389.59736
1550	1969	7	14.2964	1969.53232	2440416.79637
1551	1969	8	10.5129	1969.60688	2440444.01289
1552	1969	9	6.7581	1969.68153	2440471.25810
1553	1969	10	4.0311	1969.75625	2440498.53109
1554	1969	10	31.3244	1969.83103	2440525.82443
1555	1969	11	27.6326	1969.90584	2440553.13260
1556	1969	12	24.9553	1969.98070	2440580.45529

1557	1970	1	21.2910	1970.05559	2440580.45529
1558	1970	2	17.6324	1970.13050	2440635.13242
1559	1970	3	16.9586	1970.20537	2440662.45861
1560	1970	4	13.2487	1970.28013	2440689.74873
1561	1970	5	10.4946	1970.35478	2440716.99455
1562	1970	6	6.7055	1970.42933	2440744.20550
1563	1970	7	3.9031	1970.50384	2440771.40311
1564	1970	7	31.1108	1970.57839	2440798.61075
1565	1970	8	27.3442	1970.65300	2440825.84417
1566	1970	9	23.6069	1970.72769	2440853.10692
1567	1970	10	20.8932	1970.80245	2440880.39316
1568	1970	11	17.1958	1970.87725	2440907.69581
1569	1970	12	14.5127	1970.95209	2440935.01270
1570	1971	1	10.8434	1971.02697	2440962.34345
1571	1971	2	7.1851	1971.10188	2440989.68509
1572	1971	3	6.5202	1971.17677	2441017.02017
1573	1971	4	2.8265	1971.25158	2441044.32647
1574	1971	4	30.0895	1971.32627	2441071.58953
1575	1971	5	27.3120	1971.40085	2441098.81201
1576	1971	6	23.5119	1971.47537	2441126.01184
1577	1971	7	20.7130	1971.54990	2441153.21295
1578	1971	8	16.9350	1971.62448	2441180.43500
1579	1971	9	13.1864	1971.69914	2441207.68644
1580	1971	10	10.4644	1971.77387	2441234.96436
1581	1971	11	6.7611	1971.84866	2441262.26115



1582	1971	12	4.0724	1971.92349	2441289.57241
1583	1971	12	31.3985	1971.99836	2441316.89852
1584	1972	1	27.7366	1972.07305	2441344.23664
1585	1972	2	24.0769	1972.14775	2441371.57694
1586	1972	3	22.3970	1972.22240	2441398.89698
1587	1972	4	18.6777	1972.29693	2441426.17765
1588	1972	5	15.9145	1972.37135	2441453.41453
1589	1972	6	12.1204	1972.44568	2441480.62043
1590	1972	7	9.3183	1972.52000	2441507.81825
1591	1972	8	5.5304	1972.59435	2441535.03043
1592	1972	9	1.7702	1972.66877	2441562.27024
1593	1972	9	29.0388	1972.74328	2441589.53876
1594	1972	10	26.3291	1972.81784	2441616.82909
1595	1972	11	22.6349	1972.89245	2441644.13490
1596	1972	12	19.9551	1972.96709	2441671.45508
1597	1973	1	16.2888	1973.04189	2441698.78878
1598	1973	2	12.6308	1973.11680	2441726.13074
1599	1973	3	11.9613	1973.19167	2441753.46134
1600	1973	4	8.2589	1973.26646	2441780.75885
1601	1973	5	5.5122	1973.34113	2441808.01215
1602	1973	6	1.7278	1973.41569	2441808.01215
1603	1973	6	28.9259	1973.49021	2441862.42586
1604	1973	7	26.1302	1973.56474	2441889.63024
1605	1973	8	22.3585	1973.63934	2441916.85851
1606	1973	9	18.6164	1973.71402	2441944.11637

1607	1973	10	15.8991	1973.78876	2441971.39910
1608	1973	11	12.1992	1973.86356	2441998.69920
1609	1973	12	9.5135	1973.93839	2442026.01354
1610	1974	1	5.8417	1974.01327	2442053.34174
1611	1974	2	2.1825	1974.08817	2442080.68248
1612	1974	3	1.5203	1974.16307	2442108.02027
1613	1974	3	28.8330	1974.23790	2442135.33302
1614	1974	4	25.1040	1974.31261	2442162.60400
1615	1974	5	22.3327	1974.38721	2442189.83270
1616	1974	6	18.5349	1974.46174	2442217.03492
1617	1974	7	15.7343	1974.53626	2442244.23429
1618	1974	8	11.9518	1974.61083	2442271.45182
1619	1974	9	8.1981	1974.68547	2442298.69813
1620	1974	10	5.4719	1974.76020	2442325.97193
1621	1974	11	1.7658	1974.83497	2442353.26579
1622	1974	11	29.0744	1974.90979	2442380.57441
1623	1974	12	26.3977	1974.98465	2442407.89769
1624	1975	1	22.7339	1975.05954	2442435.23388
1625	1975	2	19.0753	1975.13445	2442462.57528
1626	1975	3	18.4005	1975.20932	2442489.90050
1627	1975	4	14.6890	1975.28408	2442517.18898
1628	1975	5	11.9332	1975.35872	2442544.43316
1629	1975	6	8.1431	1975.43327	2442571.64315
1630	1975	7	5.3408	1975.50778	2442598.84075
1631	1975	8	1.5492	1975.58233	2442626.04920

1632	1975	8	28.7838	1975.65694	2442653.28378
1633	1975	9	25.0476	1975.73164	2442680.54758
1634	1975	10	22.3346	1975.80640	2442707.83455
1635	1975	11	18.6377	1975.88120	2442735.13773
1636	1975	12	15.9552	1975.95604	2442762.45522
1637	1976	1	12.2865	1976.03084	2442789.78654
1638	1976	2	8.6283	1976.10554	2442817.12831
1639	1976	3	6.9626	1976.18023	2442844.46262
1640	1976	4	3.2673	1976.25483	2442871.76726
1641	1976	4	30.5284	1976.32931	2442899.02840
1642	1976	5	27.7495	1976.40369	2442926.24950
1643	1976	6	23.9489	1976.47800	2442953.44894
1644	1976	7	21.1507	1976.55232	2442980.65067
1645	1976	8	17.3740	1976.62670	2443007.87398
1646	1976	9	13.6268	1976.70117	2443035.12677
1647	1976	10	10.9057	1976.77570	2443062.40572
1648	1976	11	7.2032	1976.85028	2443089.70316
1649	1976	12	4.5150	1976.92490	2443117.01497
1650	1976	12	31.8416	1976.99957	2443144.34159
1651	1977	1	28.1799	1977.07447	2443171.67992
1652	1977	2	24.5197	1977.14937	2443199.01968
1653	1977	3	23.8383	1977.22421	2443226.33826
1654	1977	4	20.1170	1977.29895	2443253.61701
1655	1977	5	17.3523	1977.37357	2443280.85230
1656	1977	6	13.5575	1977.44810	2443308.05753

1657	1977	7	10.7558	1977.52262	2443335.25578
1658	1977	8	6.9692	1977.59718	2443362.46916
1659	1977	9	3.2104	1977.67181	2443362.46916
1660	1977	9	30.4801	1977.74652	2443416.98008
1661	1977	10	27.7711	1977.82129	2443444.27108
1662	1977	11	24.0773	1977.89610	2443471.57728
1663	1977	12	21.3979	1977.97095	2443498.89786
1664	1978	1	17.7318	1978.04584	2443526.23183
1665	1978	2	14.0735	1978.12075	2443553.57353
1666	1978	3	13.4030	1978.19562	2443580.90303
1667	1978	4	9.6988	1978.27041	2443608.19880
1668	1978	5	6.9504	1978.34507	2443635.45037
1669	1978	6	3.1650	1978.41963	2443662.66498
1670	1978	6	30.3631	1978.49415	2443689.86309
1671	1978	7	27.5684	1978.56868	2443717.06841
1672	1978	8	23.7981	1978.64328	2443744.29806
1673	1978	9	20.0572	1978.71796	2443771.55718
1674	1978	10	17.3408	1978.79271	2443798.84076
1675	1978	11	13.6414	1978.86751	2443826.14140
1676	1978	12	10.9562	1978.94235	2443853.45623
1677	1979	1	7.2849	1979.01722	2443880.78492
1678	1979	2	3.6258	1979.09213	2443908.12581
1679	1979	3	2.9629	1979.16702	2443935.46293
1680	1979	3	30.2741	1979.24185	2443962.77410
1681	1979	4	26.5431	1979.31656	2443990.04314

1682	1979	5	23.7703	1979.39115	2444017.27029
1683	1979	6	19.9719	1979.46568	2444044.47189
1684	1979	7	17.1717	1979.54020	2444071.67169
1685	1979	8	13.3904	1979.61477	2444098.89037
1686	1979	9	9.6380	1979.68942	2444126.13802
1687	1979	10	6.9129	1979.76415	2444153.41294
1688	1979	11	3.2076	1979.83892	2444180.70758
1689	1979	11	30.5169	1979.91374	2444208.01689
1690	1979	12	27.8409	1979.98861	2444235.34086
1691	1980	1	24.1775	1980.06333	2444262.67749
1692	1980	2	20.5186	1980.13803	2444290.01858
1693	1980	3	18.8425	1980.21268	2444317.34247
1694	1980	4	15.1289	1980.28724	2444344.62892
1695	1980	5	12.3712	1980.36167	2444371.87119
1696	1980	6	8.5801	1980.43601	2444399.08007
1697	1980	7	5.7777	1980.51032	2444426.27771
1698	1980	8	1.9871	1980.58466	2444453.48714
1699	1980	8	29.2232	1980.65908	2444480.72317
1700	1980	9	25.4883	1980.73357	2444507.98833
1701	1980	10	22.7763	1980.80813	2444535.27630
1702	1980	11	19.0802	1980.88273	2444562.58021
1703	1980	12	16.3983	1980.95737	2444589.89833
1704	1981	1	12.7302	1981.03214	2444617.23015
1705	1981	2	9.0718	1981.10705	2444644.57183
1706	1981	3	8.4051	1981.18193	2444671.90508

1707	1981	4	4.7078	1981.25673	2444699.20782
1708	1981	5	1.9669	1981.33142	2444726.46692
1709	1981	5	29.1866	1981.40599	2444753.68659
1710	1981	6	25.3857	1981.48051	2444780.88568
1711	1981	7	22.5882	1981.55504	2444808.08815
1712	1981	8	18.8128	1981.62962	2444835.31281
1713	1981	9	15.0670	1981.70429	2444862.56703
1714	1981	10	12.3471	1981.77903	2444889.84706
1715	1981	11	8.6452	1981.85382	2444917.14522
1716	1981	12	5.9577	1981.92865	2444917.14522
1717	1982	1	2.2838	1982.00352	2444971.78380
1718	1982	1	29.6235	1982.07842	2444999.12346
1719	1982	2	25.9627	1982.15332	2445026.46272
1720	1982	3	25.2799	1982.22816	2445026.46272
1721	1982	4	21.5567	1982.30290	2445081.05668
1722	1982	5	18.7903	1982.37751	2445108.29030
1723	1982	6	14.9947	1982.45204	2445135.49473
1724	1982	7	12.1932	1982.52656	2445162.69319
1725	1982	8	8.4076	1982.60112	2445189.90756
1726	1982	9	4.6500	1982.67575	2445217.15003
1727	1982	10	1.9207	1982.75047	2445244.42071
1728	1982	10	29.2124	1982.82524	2445271.71241
1729	1982	11	25.5192	1982.90005	2445299.01922
1730	1982	12	22.8405	1982.97491	2445326.34049
1731	1983	1	19.1751	1983.04979	2445353.67508

1732	1983	2	15.5169	1983.12470	2445381.01685
1733	1983	3	14.8454	1983.19958	2445408.34543
1734	1983	4	11.1395	1983.27435	2445435.63948
1735	1983	5	8.3892	1983.34901	2445462.88921
1736	1983	6	4.6026	1983.42357	2445490.10257
1737	1983	7	1.8004	1983.49808	2445517.30042
1738	1983	7	29.0064	1983.57262	2445544.50634
1739	1983	8	25.2371	1983.64722	2445571.73711
1740	1983	9	21.4974	1983.72191	2445598.99735
1741	1983	10	18.7818	1983.79666	2445626.28179
1742	1983	11	15.0831	1983.87146	2445653.58314
1743	1983	12	12.3987	1983.94630	2445680.89870
1744	1984	1	8.7282	1984.02112	2445708.22816
1745	1984	2	5.0694	1984.09582	2445735.56940
1746	1984	3	3.4059	1984.17051	2445762.90593
1747	1984	3	30.7155	1984.24512	2445790.21554
1748	1984	4	26.9826	1984.31962	2445817.48258
1749	1984	5	24.2081	1984.39401	2445844.70810
1750	1984	6	20.4090	1984.46833	2445871.90902
1751	1984	7	17.6091	1984.54265	2445899.10914
1752	1984	8	13.8289	1984.61702	2445926.32888
1753	1984	9	10.0778	1984.69147	2445926.32888
1754	1984	10	7.3537	1984.76599	2445980.85373
1755	1984	11	3.6491	1984.84057	2446008.14912
1756	1984	11	30.9591	1984.91519	2446035.45907

1757	1984	12	28.2837	1984.98985	2446062.78373
1758	1985	1	24.6208	1985.06471	2446090.12084
1759	1985	2	20.9617	1985.13962	2446117.46169
1760	1985	3	20.2844	1985.21448	2446144.78437
1761	1985	4	16.5690	1985.28923	2446172.06900
1762	1985	5	13.8096	1985.36386	2446199.30959
1763	1985	6	10.0176	1985.43840	2446226.51757
1764	1985	7	7.2153	1985.51292	2446253.71532
1765	1985	8	3.4257	1985.58747	2446280.92568
1766	1985	8	30.6630	1985.66209	2446308.16294
1767	1985	9	26.9291	1985.73679	2446335.42912
1768	1985	10	24.2177	1985.81156	2446362.71771
1769	1985	11	20.5220	1985.88636	2446390.02203
1770	1985	12	17.8406	1985.96121	2446417.34061
1771	1986	1	14.1729	1986.03609	2446444.67289
1772	1986	2	10.5147	1986.11100	2446472.01465
1773	1986	3	9.8472	1986.18588	2446499.34715
1774	1986	4	6.1484	1986.26068	2446526.64841
1775	1986	5	3.4059	1986.33536	2446553.90587
1776	1986	5	30.6244	1986.40993	2446581.12443
1777	1986	6	26.8234	1986.48445	2446608.32334
1778	1986	7	24.0265	1986.55898	2446635.52648
1779	1986	8	20.2523	1986.63357	2446662.75228
1780	1986	9	16.5076	1986.70824	2446690.00755
1781	1986	10	13.7883	1986.78298	2446717.28825



1782	1986	11	10.0868	1986.85777	2446744.58683
1783	1986	12	7.3997	1986.93260	2446771.89968
1784	1987	1	3.7264	1987.00747	2446771.89968
1785	1987	1	31.0664	1987.08237	2446826.56644
1786	1987	2	27.4054	1987.15727	2446853.90536
1787	1987	3	26.7213	1987.23211	2446881.22128
1788	1987	4	22.9964	1987.30684	2446908.49640
1789	1987	5	20.2286	1987.38145	2446935.72855
1790	1987	6	16.4323	1987.45598	2446962.93231
1791	1987	7	13.6310	1987.53050	2446990.13104
1792	1987	8	9.8463	1987.60506	2447017.34634
1793	1987	9	6.0900	1987.67970	2447044.58995
1794	1987	10	3.3615	1987.75442	2447071.86153
1795	1987	10	30.6538	1987.82919	2447099.15382
1796	1987	11	26.9611	1987.90400	2447126.46112
1797	1987	12	24.2830	1987.97886	2447153.78299
1798	1988	1	20.6181	1988.05360	2447181.11809
1799	1988	2	16.9598	1988.12831	2447208.45979
1800	1988	3	15.2874	1988.20297	2447235.78737
1801	1988	4	11.5797	1988.27754	2447263.07970
1802	1988	5	8.8277	1988.35199	2447290.32772
1803	1988	6	5.0400	1988.42634	2447317.54005
1804	1988	7	2.2379	1988.50065	2447344.73788
1805	1988	7	29.4447	1988.57499	2447371.94471
1806	1988	8	25.6768	1988.64939	2447399.17678

1807	1988	9	21.9382	1988.72387	2447426.43823
1808	1988	10	19.2235	1988.79842	2447453.72347
1809	1988	11	15.5253	1988.87302	2447481.02530
1810	1988	12	12.8413	1988.94765	2447508.34131
1811	1989	1	9.1712	1989.02239	2447535.67116
1812	1989	2	5.5124	1989.09729	2447563.01238
1813	1989	3	4.8481	1989.17219	2447590.34809
1814	1989	4	1.1561	1989.24700	2447617.65606
1815	1989	4	28.4213	1989.32170	2447644.92126
1816	1989	5	25.6455	1989.39629	2447672.14549
1817	1989	6	21.8461	1989.47081	2447699.34612
1818	1989	7	19.0470	1989.54533	2447726.54699
1819	1989	8	15.2681	1989.61991	2447753.76808
1820	1989	9	11.5184	1989.69457	2447781.01837
1821	1989	10	8.7953	1989.76930	2447808.29529
1822	1989	11	5.0912	1989.84409	2447835.59122
1823	1989	12	2.4016	1989.91891	2447862.90156
1824	1989	12	29.7266	1989.99377	2447890.22660
1825	1990	1	26.0639	1990.06867	2447917.56391
1826	1990	2	22.4043	1990.14357	2447944.90433
1827	1990	3	21.7257	1990.21843	2447972.22573
1828	1990	4	18.0086	1990.29317	2447999.50858
1829	1990	5	15.2476	1990.36780	2448026.74762
1830	1990	6	11.4549	1990.44234	2448053.95487
1831	1990	7	8.6529	1990.51686	2448081.15292

1832	1990	8	4.8643	1990.59141	2448108.36433
1833	1990	9	1.1029	1990.66604	2448135.60287
1834	1990	9	28.3701	1990.74074	2448162.87010
1835	1990	10	25.6593	1990.81551	2448190.15933
1836	1990	11	21.9641	1990.89031	2448217.46409
1837	1990	12	19.2832	1990.96516	2448244.78317
1838	1991	1	15.6159	1991.04004	2448272.11593
1839	1991	2	11.9577	1991.11495	2448299.45769
1840	1991	3	11.2893	1991.18983	2448326.78931
1841	1991	4	7.5889	1991.26463	2448354.08890
1842	1991	5	4.8445	1991.33930	2448381.34455
1843	1991	6	1.0619	1991.41387	2448408.56188
1844	1991	6	28.2606	1991.48839	2448435.76054
1845	1991	7	25.4644	1991.56292	2448462.96439
1846	1991	8	21.6914	1991.63751	2448490.19141
1847	1991	9	17.9480	1991.71219	2448517.44794
1848	1991	10	15.2296	1991.78693	2448544.72961
1849	1991	11	11.5289	1991.86172	2448572.02887
1850	1991	12	8.8424	1991.93655	2448572.02887
1851	1992	1	5.1697	1992.01139	2448626.66971
1852	1992	2	1.5100	1992.08609	2448654.01002
1853	1992	2	28.8483	1992.16079	2448681.34833
1854	1992	3	27.1627	1992.23542	2448708.66266
1855	1992	4	23.4357	1992.30993	2448735.93572
1856	1992	5	20.6661	1992.38433	2448763.16615

1857	1992	6	16.8691	1992.45866	2448790.36912
1858	1992	7	14.0682	1992.53297	2448817.56816
1859	1992	8	10.2846	1992.60733	2448844.78461
1860	1992	9	6.5296	1992.68177	2448872.02964
1861	1992	10	3.8024	1992.75629	2448899.30243
1862	1992	10	31.0956	1992.83086	2448926.59560
1863	1992	11	27.4036	1992.90547	2448953.90361
1864	1992	12	24.7262	1992.98013	2448981.22615
1865	1993	1	21.0617	1993.05496	2449008.56171
1866	1993	2	17.4032	1993.12987	2449035.90316
1867	1993	3	16.7295	1993.20474	2449063.22949
1868	1993	4	13.0199	1993.27951	2449090.51988
1869	1993	5	10.2660	1993.35415	2449117.76601
1870	1993	6	6.4772	1993.42870	2449144.97722
1871	1993	7	3.6750	1993.50322	2449172.17502
1872	1993	7	30.8827	1993.57776	2449199.38273
1873	1993	8	27.1161	1993.65237	2449226.61613
1874	1993	9	23.3788	1993.72707	2449253.87880
1875	1993	10	20.6649	1993.80182	2449281.16488
1876	1993	11	16.9673	1993.87662	2449308.46730
1877	1993	12	14.2839	1993.95146	2449335.78389
1878	1994	1	10.6143	1994.02634	2449363.11428
1879	1994	2	6.9557	1994.10125	2449390.45566
1880	1994	3	6.2906	1994.17614	2449417.79065
1881	1994	4	2.5971	1994.25095	2449445.09706

1882	1994	4	29.8604	1994.32564	2449472.36041
1883	1994	5	27.0832	1994.40023	2449499.58324
1884	1994	6	23.2834	1994.47475	2449526.78340
1885	1994	7	20.4848	1994.54927	2449553.98475
1886	1994	8	16.7069	1994.62385	2449581.20691
1887	1994	9	12.9583	1994.69852	2449608.45834
1888	1994	10	10.2362	1994.77325	2449635.73615
1889	1994	11	6.5327	1994.84803	2449663.03271
1890	1994	12	3.8437	1994.92286	2449690.34368
1891	1994	12	31.1695	1994.99772	2449717.66947
1892	1995	1	27.5074	1995.07262	2449745.00735
1893	1995	2	23.8476	1995.14753	2449772.34760
1894	1995	3	23.1678	1995.22238	2449799.66784
1895	1995	4	19.4489	1995.29712	2449826.94885
1896	1995	5	16.6861	1995.37174	2449854.18615
1897	1995	6	12.8924	1995.44628	2449854.18615
1898	1995	7	10.0903	1995.52080	2449908.59034
1899	1995	8	6.3025	1995.59535	2449935.80247
1900	1995	9	2.5421	1995.66998	2449963.04208
1901	1995	9	29.8103	1995.74469	2449990.31029
1902	1995	10	27.1003	1995.81945	2450017.60028
1903	1995	11	23.4058	1995.89426	2450044.90575
1904	1995	12	20.7257	1995.96911	2450072.22566
1905	1996	1	17.0592	1996.04388	2450099.55919
1906	1996	2	13.4012	1996.11858	2450126.90118

1907	1996	3	11.7320	1996.19326	2450154.23201
1908	1996	4	8.0299	1996.26784	2450181.52993
1909	1996	5	5.2837	1996.34231	2450208.78368
1910	1996	6	1.4997	1996.41667	2450235.99965
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1912	1996	7	25.9023	1996.56531	2450290.40231
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1917	1996	12	9.2846	1996.93794	2450426.78463
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1919	1997	2	1.9533	1997.08754	2450481.45328
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1921	1997	3	28.6040	1997.23727	2450536.10400
1922	1997	4	24.8752	1997.31199	2450563.37522
1923	1997	5	22.1042	1997.38659	2450590.60416
1924	1997	6	18.3065	1997.46111	2450617.80653
1925	1997	7	15.5059	1997.53563	2450645.00595
1926	1997	8	11.7234	1997.61020	2450672.22344
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1929	1997	11	1.5371	1997.83435	2450754.03705
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1938	1998	7	5.1129	1998.50716	2450999.61289
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1941	1998	9	24.8193	1998.73101	2451081.31933
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1943	1998	11	18.4087	1998.88057	2451135.90875
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