

Carrington Rotation of the Sun from -10 to 3082

(Compiled by: Jeffrey D. [Beish](#), A.L.P.O.)

Rotation	----	Udate	----	--	Year	--	-	JulianDate	-	UDate	UTime
2092	2010	01	03.4965	2010.00957	2455199.99763	2010-01-03	1155				
2093	2010	01	30.8361	2010.08442	2455227.33754	2010-01-30	2004				
2094	2010	02	27.1743	2010.15927	2455254.67560	2010-02-27	0411				
2095	2010	03	26.4903	2010.23406	2455281.99138	2010-03-26	1146				
2096	2010	04	22.7660	2010.30874	2455309.26742	2010-04-22	1823				
2097	2010	05	20.9993	2010.38330	2455336.50009	2010-05-19	2359				
2098	2010	06	16.2021	2010.45777	2455363.70320	2010-06-16	0451				
2099	2010	07	13.4000	2010.53224	2455390.90126	2010-07-13	0936				
2100	2010	08	09.6160	2010.60675	2455418.11688	2010-08-09	1447				
2101	2010	09	05.8597	2010.68134	2455445.36102	2010-09-05	2038				
2102	2010	10	03.1312	2010.75601	2455472.63222	2010-10-03	0309				
2103	2010	10	30.4222	2010.83072	2455499.92357	2010-10-30	1008				
2104	2010	11	26.7292	2010.90549	2455527.23061	2010-11-26	1730				
2105	2010	12	24.0521	2010.98029	2455554.55305	2010-12-24	0115				
2106	2011	01	20.3882	2011.05582	2455581.88948	2011-01-20	0919				
2107	2011	02	16.7292	2011.13068	2455609.23046	2011-02-16	1730				
2108	2011	03	16.0562	2011.20549	2455636.55749	2011-03-16	0121				
2109	2011	04	12.3493	2011.28022	2455663.85048	2011-04-12	0823				
2110	2011	05	09.5986	2011.35482	2455691.09941	2011-05-09	1422				
2111	2011	06	05.8104	2011.42932	2455718.31151	2011-06-05	1927				
2112	2011	07	03.0076	2011.50379	2455745.50846	2011-07-03	0011				
2113	2011	07	30.2139	2011.57827	2455772.71513	2011-07-30	0508				
2114	2011	08	26.4465	2011.65283	2455799.94769	2011-08-26	1043				
2115	2011	09	22.7076	2011.72747	2455827.20902	2011-09-22	1659				
2116	2011	10	19.9924	2011.80217	2455854.49327	2011-10-19	2349				
2117	2011	11	16.2931	2011.87691	2455881.79437	2011-11-16	0702				
2118	2011	12	13.6097	2011.95170	2455909.11071	2011-12-13	1438				
2119	2012	01	09.9410	2012.02722	2455936.44223	2012-01-09	2235				
2120	2012	02	06.2819	2012.10207	2455963.78321	2012-02-06	0646				
2121	2012	03	04.6174	2012.17691	2455991.11826	2012-03-04	1449				
2122	2012	03	31.9257	2012.25168	2456018.42658	2012-03-31	2213				
2123	2012	04	28.1917	2012.32633	2456045.69291	2012-04-28	0436				
2124	2012	05	25.4167	2012.40087	2456072.91746	2012-05-25	1000				
2125	2012	06	21.6160	2012.47533	2456100.11726	2012-06-21	1447				
2126	2012	07	18.8167	2012.54981	2456127.31751	2012-07-18	1936				
2127	2012	08	15.0375	2012.62433	2456154.53886	2012-08-15	0054				
2128	2012	09	11.2882	2012.69894	2456181.78932	2012-09-11	0655				
2129	2012	10	08.5646	2012.77362	2456209.06549	2012-10-08	1333				
2130	2012	11	04.8590	2012.84835	2456236.36045	2012-11-04	2037				
2131	2012	12	02.1694	2012.92312	2456263.67077	2012-12-02	0404				
2132	2012	12	29.4951	2012.99793	2456290.99655	2012-12-29	1153				
2133	2013	01	25.8340	2013.07073	2456318.33512	2013-01-25	2001				
2134	2013	02	22.1736	2013.14558	2456345.67487	2013-02-22	0410				
2135	2013	03	21.4951	2013.22038	2456372.99606	2013-03-21	1153				
2136	2013	04	17.7785	2013.29508	2456400.27981	2013-04-17	1841				
2137	2013	05	15.0181	2013.36966	2456427.51952	2013-05-15	0026				
2138	2013	06	11.2250	2013.44415	2456454.72618	2013-06-11	0524				
2139	2013	07	08.4222	2013.51861	2456481.92327	2013-07-08	1008				
2140	2013	08	04.6333	2013.59311	2456509.13464	2013-08-04	1512				
2141	2013	08	31.8722	2013.66769	2456536.37361	2013-08-31	2056				

2142	2013	09	28.1396	2013.74234	2456563.64054	2013-09-28	0321
2143	2013	10	25.4278	2013.81705	2456590.92883	2013-10-25	1016
2144	2013	11	21.7319	2013.89181	2456618.23322	2013-11-21	1734
2145	2013	12	19.0521	2013.96660	2456645.55294	2013-12-19	0115
2146	2014	01	15.3861	2014.04212	2456672.88731	2014-01-15	0916
2147	2014	02	11.7278	2014.11698	2456700.22863	2014-02-11	1728
2148	2014	03	11.0583	2014.19181	2456727.55965	2014-03-11	0124
2149	2014	04	07.3583	2014.26655	2456754.85974	2014-04-07	0836
2150	2014	05	04.6153	2014.34118	2456782.11637	2014-05-04	1446
2151	2014	05	31.8326	2014.41570	2456809.33363	2014-05-31	1959
2152	2014	06	28.0306	2014.49016	2456836.53136	2014-06-28	0044
2153	2014	07	25.2333	2014.56464	2456863.73480	2014-07-25	0536
2154	2014	08	21.4611	2014.63918	2456890.96226	2014-08-21	1104
2155	2014	09	17.7174	2014.71381	2456918.21884	2014-09-17	1713
2156	2014	10	14.9986	2014.78850	2456945.49962	2014-10-14	2358
2157	2014	11	11.2972	2014.86324	2456972.79802	2014-11-11	0708
2158	2014	12	08.6104	2014.93802	2457000.11166	2014-12-08	1439
2159	2015	01	04.9396	2015.01352	2457027.44068	2015-01-04	2233
2160	2015	02	01.2799	2015.08838	2457054.78085	2015-02-01	0643
2161	2015	02	28.6174	2015.16322	2457082.11841	2015-02-28	1449
2162	2015	03	27.9319	2015.23801	2457109.43282	2015-03-27	2222
2163	2015	04	24.2056	2015.31268	2457136.70699	2015-04-24	0456
2164	2015	05	21.4368	2015.38723	2457163.93803	2015-05-21	1029
2165	2015	06	17.6396	2015.46171	2457191.14040	2015-06-17	1521
2166	2015	07	14.8375	2015.53617	2457218.33880	2015-07-14	2006
2167	2015	08	11.0542	2015.61069	2457245.55550	2015-08-11	0118
2168	2015	09	07.3000	2015.68528	2457272.80087	2015-09-07	0712
2169	2015	10	04.5722	2015.75995	2457300.07306	2015-10-04	1344
2170	2015	10	31.8639	2015.83467	2457327.36512	2015-10-31	2044
2171	2015	11	28.1715	2015.90944	2457354.67279	2015-11-28	0407
2172	2015	12	25.4944	2015.98424	2457381.99588	2015-12-25	1152
2173	2016	01	21.8319	2016.05977	2457409.33276	2016-01-21	1958
2174	2016	02	18.1722	2016.13463	2457436.67358	2016-02-18	0408
2175	2016	03	16.4986	2016.20944	2457463.99955	2016-03-16	1158
2176	2016	04	12.7896	2016.28416	2457491.29080	2016-04-12	1857
2177	2016	05	10.0368	2016.35876	2457518.53791	2016-05-10	0053
2178	2016	06	06.2479	2016.43326	2457545.74887	2016-06-06	0557
2179	2016	07	03.4444	2016.50772	2457572.94576	2016-07-03	1040
2180	2016	07	30.6521	2016.58221	2457600.15327	2016-07-30	1539
2181	2016	08	26.8861	2016.65677	2457627.38707	2016-08-26	2116
2182	2016	09	23.1486	2016.73141	2457654.64950	2016-09-23	0334
2183	2016	10	20.4333	2016.80611	2457681.93456	2016-10-20	1024
2184	2016	11	16.7354	2016.88086	2457709.23630	2016-11-16	1739
2185	2016	12	14.0521	2016.95565	2457736.55329	2016-12-14	0115
2186	2017	01	10.3840	2017.02843	2457763.88538	2017-01-10	0913
2187	2017	02	06.7250	2017.10329	2457791.22649	2017-02-06	1724
2188	2017	03	06.0597	2017.17812	2457818.56084	2017-03-06	0126
2189	2017	04	02.3667	2017.25289	2457845.86763	2017-04-02	0848
2190	2017	04	29.6313	2017.32753	2457873.13208	2017-04-29	1509
2191	2017	05	26.8542	2017.40206	2457900.35515	2017-05-26	2030
2192	2017	06	23.0535	2017.47653	2457927.55445	2017-06-23	0117
2193	2017	07	20.2542	2017.55100	2457954.75524	2017-07-20	0606
2194	2017	08	16.4764	2017.62553	2457981.97775	2017-08-16	1126
2195	2017	09	12.7285	2017.70015	2458009.22941	2017-09-12	1729

2196	2017	10	10.0056	2017.77483	2458036.50649	2017-10-10	0008
2197	2017	11	06.3007	2017.84956	2458063.80213	2017-11-06	0713
2198	2017	12	03.6118	2017.92433	2458091.11309	2017-12-03	1441
2199	2017	12	30.9382	2017.99915	2458118.43951	2017-12-30	2231
2200	2018	01	27.2771	2018.07468	2458145.77843	2018-01-27	0639
2201	2018	02	23.6167	2018.14953	2458173.11784	2018-02-23	1448
2202	2018	03	22.9368	2018.22433	2458200.43778	2018-03-22	2229
2203	2018	04	19.2188	2018.29902	2458227.71970	2018-04-19	0515
2204	2018	05	16.4562	2018.37360	2458254.95769	2018-05-16	1057
2205	2018	06	12.6625	2018.44808	2458282.16343	2018-06-12	1554
2206	2018	07	09.8597	2018.52255	2458309.36069	2018-07-09	2038
2207	2018	08	06.0715	2018.59705	2458336.57304	2018-08-06	0143
2208	2018	09	02.3118	2018.67163	2458363.81325	2018-09-02	0729
2209	2018	09	29.5799	2018.74628	2458391.08122	2018-09-29	1355
2210	2018	10	26.8687	2018.82100	2458418.37026	2018-10-26	2051
2211	2018	11	23.1743	2018.89575	2458445.67529	2018-11-23	0411
2212	2018	12	20.4944	2018.97055	2458472.99566	2018-12-20	1152
2213	2019	01	16.8292	2019.04608	2458500.33055	2019-01-16	1954
2214	2019	02	13.1708	2019.12093	2458527.67184	2019-02-13	0406
2215	2019	03	12.5007	2019.19576	2458555.00196	2019-03-12	1201
2216	2019	04	08.7993	2019.27050	2458582.30039	2019-04-08	1911
2217	2019	05	06.0542	2019.34512	2458609.55515	2019-05-06	0118
2218	2019	06	02.2701	2019.41963	2458636.77112	2019-06-02	0629
2219	2019	06	29.4674	2019.49409	2458663.96859	2019-06-29	1113
2220	2019	07	26.6715	2019.56857	2458691.17275	2019-07-26	1607
2221	2019	08	22.9000	2019.64312	2458718.40142	2019-08-22	2136
2222	2019	09	19.1576	2019.71775	2458745.65916	2019-09-19	0347
2223	2019	10	16.4396	2019.79244	2458772.94079	2019-10-16	1033
2224	2019	11	12.7389	2019.86718	2458800.23984	2019-11-12	1744
2225	2019	12	10.0528	2019.94197	2458827.55412	2019-12-10	0116
2226	2020	01	06.3826	2020.01747	2458854.88376	2020-01-06	0911
2227	2020	02	02.7229	2020.09233	2458882.22416	2020-02-02	1721
2228	2020	03	01.0597	2020.16717	2458909.56118	2020-03-01	0126
2229	2020	03	28.3729	2020.24195	2458936.87418	2020-03-28	0857
2230	2020	04	24.6451	2020.31662	2458964.14648	2020-04-24	1529
2231	2020	05	21.8750	2020.39117	2458991.37592	2020-05-21	2100
2232	2020	06	18.0764	2020.46564	2459018.57760	2020-06-18	0150
2233	2020	07	15.2750	2020.54011	2459045.77638	2020-07-15	0636
2234	2020	08	11.4931	2020.61463	2459072.99416	2020-08-11	1150
2235	2020	09	07.7396	2020.68923	2459100.24077	2020-09-07	1745
2236	2020	10	05.0125	2020.76389	2459127.51393	2020-10-05	0018
2237	2020	11	01.3056	2020.83862	2459154.80670	2020-11-01	0720
2238	2020	11	28.6139	2020.91339	2459182.11500	2020-11-28	1444
2239	2020	12	25.9375	2020.98819	2459209.43874	2020-12-25	2230
2240	2021	01	22.2750	2021.06099	2459236.77605	2021-01-22	0636
2241	2021	02	18.6153	2021.13584	2459264.11667	2021-02-18	1446
2242	2021	03	17.9403	2021.21065	2459291.44156	2021-03-17	2234
2243	2021	04	14.2299	2021.28537	2459318.73103	2021-04-14	0531
2244	2021	05	11.4750	2021.35996	2459345.97634	2021-05-11	1124
2245	2021	06	07.6847	2021.43446	2459373.18620	2021-06-07	1626
2246	2021	07	04.8819	2021.50892	2459400.38307	2021-07-04	2110
2247	2021	08	01.0903	2021.58341	2459427.59147	2021-08-01	0210
2248	2021	08	28.3250	2021.65797	2459454.82650	2021-08-28	0748
2249	2021	09	24.5889	2021.73262	2459482.09003	2021-09-24	1408

2250	2021	10	21.8750	2021.80732	2459509.37588	2021-10-21	2100
2251	2021	11	18.1771	2021.88207	2459536.67826	2021-11-18	0415
2252	2021	12	15.4944	2021.95686	2459563.99590	2021-12-15	1152
2253	2022	01	11.8271	2022.03238	2459591.32856	2022-01-11	1951
2254	2022	02	08.1687	2022.10724	2459618.66976	2022-02-08	0403
2255	2022	03	07.5021	2022.18207	2459646.00338	2022-03-07	1203
2256	2022	04	03.8076	2022.25683	2459673.30860	2022-04-03	1923
2257	2022	05	01.0701	2022.33147	2459700.57117	2022-05-01	0141
2258	2022	05	28.2917	2022.40600	2459727.79279	2022-05-28	0700
2259	2022	06	24.4903	2022.48047	2459754.99164	2022-06-24	1146
2260	2022	07	21.6917	2022.55494	2459782.19301	2022-07-21	1636
2261	2022	08	17.9153	2022.62947	2459809.41669	2022-08-17	2158
2262	2022	09	14.1681	2022.70409	2459836.66955	2022-09-14	0402
2263	2022	10	11.4465	2022.77877	2459863.94753	2022-10-11	1043
2264	2022	11	07.7424	2022.85350	2459891.24384	2022-11-07	1749
2265	2022	12	05.0542	2022.92828	2459918.55544	2022-12-05	0118
2266	2023	01	01.3813	2023.00378	2459945.88249	2023-01-01	0909
2267	2023	01	28.7208	2023.07863	2459973.22175	2023-01-28	1718
2268	2023	02	25.0597	2023.15348	2460000.56077	2023-02-25	0126
2269	2023	03	24.3785	2023.22828	2460027.87944	2023-03-24	0905
2270	2023	04	20.6583	2023.30297	2460055.15952	2023-04-20	1548
2271	2023	05	17.8944	2023.37753	2460082.39581	2023-05-17	2128
2272	2023	06	14.0993	2023.45202	2460109.60067	2023-06-14	0223
2273	2023	07	11.2972	2023.52648	2460136.79814	2023-07-11	0708
2274	2023	08	07.5104	2023.60099	2460164.01149	2023-08-07	1215
2275	2023	09	03.7521	2023.67557	2460191.25294	2023-09-03	1803
2276	2023	10	01.0208	2023.75023	2460218.52195	2023-10-01	0030
2277	2023	10	28.3104	2023.82494	2460245.81172	2023-10-28	0727
2278	2023	11	24.6160	2023.89970	2460273.11738	2023-11-24	1447
2279	2023	12	21.9375	2023.97450	2460300.43841	2023-12-21	2230
2280	2024	01	18.2729	2024.05003	2460327.77380	2024-01-18	0633
2281	2024	02	14.6139	2024.12488	2460355.11503	2024-02-14	1444
2282	2024	03	12.9431	2024.19971	2460382.44421	2024-03-12	2238
2283	2024	04	09.2396	2024.27444	2460409.74095	2024-04-09	0545
2284	2024	05	06.4924	2024.34906	2460436.99387	2024-05-06	1149
2285	2024	06	02.7076	2024.42357	2460464.20857	2024-06-02	1659
2286	2024	06	29.9049	2024.49803	2460491.40583	2024-06-29	2143
2287	2024	07	27.1097	2024.57251	2460518.61075	2024-07-27	0238
2288	2024	08	23.3396	2024.64706	2460545.84064	2024-08-23	0809
2289	2024	09	19.5986	2024.72169	2460573.09952	2024-09-19	1422
2290	2024	10	16.8806	2024.79639	2460600.38198	2024-10-16	2108
2291	2024	11	13.1806	2024.87113	2460627.68169	2024-11-13	0420
2292	2024	12	10.4951	2024.94591	2460654.99662	2024-12-10	1153
2293	2025	01	06.8257	2025.01869	2460682.32685	2025-01-06	1949
2294	2025	02	03.1660	2025.09354	2460709.66747	2025-02-03	0359
2295	2025	03	02.5028	2025.16839	2460737.00391	2025-03-02	1204
2296	2025	03	29.8146	2025.24316	2460764.31546	2025-03-29	1933
2297	2025	04	26.0847	2025.31782	2460791.58589	2025-04-26	0202
2298	2025	05	23.3125	2025.39237	2460818.81375	2025-05-23	0730
2299	2025	06	19.5139	2025.46684	2460846.01479	2025-06-19	1220
2300	2025	07	16.7125	2025.54131	2460873.21399	2025-07-16	1706
2301	2025	08	12.9319	2025.61583	2460900.43289	2025-08-12	2222
2302	2025	09	09.1792	2025.69043	2460927.68071	2025-09-09	0418
2303	2025	10	06.4535	2025.76510	2460954.95483	2025-10-06	1053

2304	2025	11	02.7472	2025.83983	2460982.24830	2025-11-02	1756
2305	2025	11	30.0562	2025.91460	2461009.55723	2025-11-30	0121
2306	2025	12	27.3806	2025.98941	2461036.88162	2025-12-27	0908
2307	2026	01	23.7181	2026.06494	2461064.21935	2026-01-23	1714
2308	2026	02	20.0583	2026.13979	2461091.55974	2026-02-20	0124
2309	2026	03	19.3819	2026.21460	2461118.88349	2026-03-19	0910
2310	2026	04	15.6701	2026.28931	2461146.17118	2026-04-15	1605
2311	2026	05	12.9132	2026.36390	2461173.41471	2026-05-12	2155
2312	2026	06	09.1222	2026.43839	2461200.62352	2026-06-09	0256
2313	2026	07	06.3194	2026.51285	2461227.82041	2026-07-06	0740
2314	2026	08	02.5285	2026.58735	2461255.02971	2026-08-02	1241
2315	2026	08	29.7646	2026.66192	2461282.26598	2026-08-29	1821
2316	2026	09	26.0292	2026.73656	2461309.53060	2026-09-26	0042
2317	2026	10	23.3160	2026.81127	2461336.81722	2026-10-23	0735
2318	2026	11	19.6187	2026.88602	2461364.12024	2026-11-19	1451
2319	2026	12	16.9375	2026.96081	2461391.43854	2026-12-16	2230
2320	2027	01	13.2708	2027.03633	2461418.77174	2027-01-13	0630
2321	2027	02	09.6118	2027.11119	2461446.11302	2027-02-09	1441
2322	2027	03	08.9444	2027.18602	2461473.44586	2027-03-08	2240
2323	2027	04	05.2486	2027.26078	2461500.74949	2027-04-05	0558
2324	2027	05	02.5090	2027.33541	2461528.01018	2027-05-02	1213
2325	2027	05	29.7292	2027.40994	2461555.23040	2027-05-29	1730
2326	2027	06	25.9278	2027.48440	2461582.42884	2027-06-25	2216
2327	2027	07	23.1299	2027.55888	2461609.63083	2027-07-23	0307
2328	2027	08	19.3542	2027.63341	2461636.85569	2027-08-19	0830
2329	2027	09	15.6083	2027.70803	2461664.10973	2027-09-15	1436
2330	2027	10	12.8875	2027.78272	2461691.38860	2027-10-12	2118
2331	2027	11	09.1840	2027.85745	2461718.68558	2027-11-09	0425
2332	2027	12	06.4965	2027.93223	2461745.99782	2027-12-06	1155
2333	2028	01	02.8243	2028.00773	2461773.32549	2028-01-02	1947
2334	2028	01	30.1639	2028.08258	2461800.66507	2028-01-30	0356
2335	2028	02	26.5028	2028.15743	2461828.00367	2028-02-26	1204
2336	2028	03	24.8201	2028.23222	2461855.32103	2028-03-24	1941
2337	2028	04	21.0979	2028.30691	2461882.59926	2028-04-21	0221
2338	2028	05	18.3326	2028.38147	2461909.83387	2028-05-18	0759
2339	2028	06	14.5368	2028.45595	2461937.03790	2028-06-14	1253
2340	2028	07	11.7347	2028.53042	2461964.23561	2028-07-11	1738
2341	2028	08	07.9486	2028.60492	2461991.44999	2028-08-07	2246
2342	2028	09	04.1917	2028.67951	2462018.69269	2028-09-04	0436
2343	2028	10	01.4618	2028.75417	2462045.96271	2028-10-01	1105
2344	2028	10	28.7521	2028.82889	2462073.25321	2028-10-28	1803
2345	2028	11	25.0583	2028.90365	2462100.55951	2028-11-25	0124
2346	2028	12	22.3799	2028.97845	2462127.88118	2028-12-22	0907
2347	2029	01	18.7160	2029.05124	2462155.21706	2029-01-18	1711
2348	2029	02	15.0569	2029.12610	2462182.55819	2029-02-15	0122
2349	2029	03	14.3854	2029.20092	2462209.88641	2029-03-14	0915
2350	2029	04	10.6799	2029.27565	2462237.18144	2029-04-10	1619
2351	2029	05	07.9313	2029.35026	2462264.43251	2029-05-07	2221
2352	2029	06	04.1444	2029.42476	2462291.64600	2029-06-04	0328
2353	2029	07	01.3417	2029.49922	2462318.84309	2029-07-01	0812
2354	2029	07	28.5472	2029.57371	2462346.04879	2029-07-28	1308
2355	2029	08	24.7785	2029.64826	2462373.27990	2029-08-24	1841
2356	2029	09	21.0389	2029.72290	2462400.53992	2029-09-21	0056
2357	2029	10	18.3222	2029.79760	2462427.82321	2029-10-18	0744

2358	2029	11	14.6222	2029.87234	2462455.12356	2029-11-14	1456
2359	2029	12	11.9382	2029.94713	2462482.43914	2029-12-11	2231
2360	2030	01	08.2688	2030.02264	2462509.76997	2030-01-08	0627
2361	2030	02	04.6097	2030.09749	2462537.11077	2030-02-04	1438
2362	2030	03	03.9451	2030.17233	2462564.44659	2030-03-03	2241
2363	2030	03	31.2556	2030.24711	2462591.75668	2030-03-31	0608
2364	2030	04	27.5243	2030.32176	2462619.02522	2030-04-27	1235
2365	2030	05	24.7500	2030.39630	2462646.25154	2030-05-24	1800
2366	2030	06	20.9507	2030.47078	2462673.45198	2030-06-20	2249
2367	2030	07	18.1507	2030.54524	2462700.65164	2030-07-18	0337
2368	2030	08	14.3701	2030.61977	2462727.87166	2030-08-14	0853
2369	2030	09	10.6194	2030.69437	2462755.12070	2030-09-10	1452
2370	2030	10	07.8944	2030.76905	2462782.39577	2030-10-07	2128
2371	2030	11	04.1889	2030.84378	2462809.68992	2030-11-04	0432
2372	2030	12	01.4979	2030.91854	2462836.99950	2030-12-01	1157
2373	2030	12	28.8236	2030.99336	2462864.32452	2030-12-28	1946
2374	2031	01	25.1611	2031.06889	2462891.66266	2031-01-25	0352
2375	2031	02	21.5014	2031.14374	2462919.00277	2031-02-21	1202
2376	2031	03	20.8243	2031.21855	2462946.32536	2031-03-20	1947
2377	2031	04	17.1097	2031.29325	2462973.61125	2031-04-17	0238
2378	2031	05	14.3521	2031.36784	2463000.85301	2031-05-14	0827
2379	2031	06	10.5597	2031.44233	2463028.06081	2031-06-10	1326
2380	2031	07	07.7562	2031.51679	2463055.25777	2031-07-07	1809
2381	2031	08	03.9667	2031.59128	2463082.46800	2031-08-03	2312
2382	2031	08	31.2042	2031.66586	2463109.70551	2031-08-31	0454
2383	2031	09	27.4701	2031.74051	2463136.97120	2031-09-27	1117
2384	2031	10	24.7576	2031.81522	2463164.25860	2031-10-24	1811
2385	2031	11	21.0611	2031.88997	2463191.56225	2031-11-21	0128
2386	2031	12	18.3799	2031.96476	2463218.88120	2031-12-18	0907
2387	2032	01	14.7139	2032.04028	2463246.21495	2032-01-14	1708
2388	2032	02	11.0549	2032.11514	2463273.55626	2032-02-11	0119
2389	2032	03	09.3868	2032.18997	2463300.88829	2032-03-09	0917
2390	2032	04	05.6889	2032.26472	2463328.19031	2032-04-05	1632
2391	2032	05	02.9479	2032.33935	2463355.44912	2032-05-02	2245
2392	2032	05	30.1667	2032.41387	2463382.66797	2032-05-30	0400
2393	2032	06	26.3646	2032.48834	2463409.86605	2032-06-26	0845
2394	2032	07	23.5674	2032.56281	2463437.06869	2032-07-23	1337
2395	2032	08	19.7938	2032.63735	2463464.29474	2032-08-19	1903
2396	2032	09	16.0486	2032.71197	2463491.54995	2032-09-16	0110
2397	2032	10	13.3285	2032.78666	2463518.82971	2032-10-13	0753
2398	2032	11	09.6264	2032.86140	2463546.12734	2032-11-09	1502
2399	2032	12	06.9389	2032.93618	2463573.44022	2032-12-06	2232
2400	2033	01	03.2674	2033.00895	2463600.76852	2033-01-03	0625
2401	2033	01	30.6069	2033.08380	2463628.10838	2033-01-30	1434
2402	2033	02	26.9451	2033.15865	2463655.44652	2033-02-26	2241
2403	2033	03	26.2611	2033.23343	2463682.76255	2033-03-26	0616
2404	2033	04	22.5375	2033.30811	2463710.03892	2033-04-22	1254
2405	2033	05	19.7708	2033.38267	2463737.27187	2033-05-19	1830
2406	2033	06	15.9736	2033.45715	2463764.47511	2033-06-15	2322
2407	2033	07	13.1715	2033.53161	2463791.67312	2033-07-13	0407
2408	2033	08	09.3875	2033.60613	2463818.88855	2033-08-09	0918
2409	2033	09	05.6312	2033.68072	2463846.13248	2033-09-05	1509
2410	2033	10	02.9021	2033.75538	2463873.40350	2033-10-02	2139
2411	2033	10	30.1938	2033.83010	2463900.69473	2033-10-30	0439

2412	2033	11	26.5007	2033.90486	2463928.00165	2033-11-26	1201
2413	2033	12	23.8229	2033.97967	2463955.32398	2033-12-23	1945
2414	2034	01	20.1590	2034.05519	2463982.66033	2034-01-20	0349
2415	2034	02	16.5000	2034.13005	2464010.00134	2034-02-16	1200
2416	2034	03	15.8271	2034.20487	2464037.32855	2034-03-15	1951
2417	2034	04	12.1208	2034.27959	2464064.62184	2034-04-12	0254
2418	2034	05	09.3701	2034.35420	2464091.87109	2034-05-09	0853
2419	2034	06	05.5819	2034.42870	2464119.08339	2034-06-05	1358
2420	2034	07	02.7792	2034.50316	2464146.28036	2034-07-02	1842
2421	2034	07	29.9854	2034.57765	2464173.48688	2034-07-29	2339
2422	2034	08	26.2181	2034.65221	2464200.71922	2034-08-26	0514
2423	2034	09	22.4792	2034.72684	2464227.98036	2034-09-22	1130
2424	2034	10	19.7632	2034.80154	2464255.26447	2034-10-19	1819
2425	2034	11	16.0639	2034.87629	2464282.56546	2034-11-16	0132
2426	2034	12	13.3806	2034.95108	2464309.88169	2034-12-13	0908
2427	2035	01	09.7118	2035.02659	2464337.21310	2035-01-09	1705
2428	2035	02	06.0528	2035.10144	2464364.55406	2035-02-06	0116
2429	2035	03	05.3882	2035.17629	2464391.88923	2035-03-05	0919
2430	2035	04	01.6965	2035.25105	2464419.19781	2035-04-01	1643
2431	2035	04	28.9632	2035.32570	2464446.46447	2035-04-28	2307
2432	2035	05	26.1882	2035.40024	2464473.68928	2035-05-26	0431
2433	2035	06	22.3882	2035.47471	2464500.88917	2035-06-22	0919
2434	2035	07	19.5882	2035.54918	2464528.08933	2035-07-19	1407
2435	2035	08	15.8090	2035.62371	2464555.31049	2035-08-15	1925
2436	2035	09	12.0597	2035.69832	2464582.56073	2035-09-12	0126
2437	2035	10	09.3354	2035.77299	2464609.83674	2035-10-09	0803
2438	2035	11	05.6306	2035.84772	2464637.13158	2035-11-05	1508
2439	2035	12	02.9403	2035.92249	2464664.44179	2035-12-02	2234
2440	2035	12	30.2660	2035.99731	2464691.76746	2035-12-30	0623
2441	2036	01	26.6049	2036.07284	2464719.10596	2036-01-26	1431
2442	2036	02	22.9444	2036.14769	2464746.44577	2036-02-22	2240
2443	2036	03	21.2660	2036.22249	2464773.76717	2036-03-21	0623
2444	2036	04	17.5500	2036.29719	2464801.05124	2036-04-17	1312
2445	2036	05	14.7903	2036.37177	2464828.29126	2036-05-14	1858
2446	2036	06	10.9965	2036.44626	2464855.49808	2036-06-10	2355
2447	2036	07	08.1938	2036.52072	2464882.69515	2036-07-08	0439
2448	2036	08	04.4049	2036.59522	2464909.90635	2036-08-04	0943
2449	2036	08	31.6437	2036.66980	2464937.14510	2036-08-31	1527
2450	2036	09	27.9104	2036.74445	2464964.41184	2036-09-27	2151
2451	2036	10	25.1986	2036.81916	2464991.70000	2036-10-25	0446
2452	2036	11	21.5028	2036.89392	2465019.00429	2036-11-21	1204
2453	2036	12	18.8229	2036.96871	2465046.32389	2036-12-18	1945
2454	2037	01	15.1569	2037.04150	2465073.65817	2037-01-15	0346
2455	2037	02	11.4979	2037.11635	2465100.99949	2037-02-11	1157
2456	2037	03	10.8292	2037.19118	2465128.33066	2037-03-10	1954
2457	2037	04	07.1299	2037.26593	2465155.63105	2037-04-07	0307
2458	2037	05	04.3868	2037.34055	2465182.88799	2037-05-04	0917
2459	2037	05	31.6042	2037.41507	2465210.10549	2037-05-31	1430
2460	2037	06	27.8021	2037.48953	2465237.30327	2037-06-27	1915
2461	2037	07	25.0056	2037.56401	2465264.50659	2037-07-25	0008
2462	2037	08	21.2326	2037.63856	2465291.73384	2037-08-21	0535
2463	2037	09	17.4889	2037.71318	2465318.99021	2037-09-17	1144
2464	2037	10	14.7694	2037.78787	2465346.27084	2037-10-14	1828
2465	2037	11	11.0681	2037.86261	2465373.56913	2037-11-11	0138

2466	2037	12	08.3813	2037.93739	2465400.88265	2037-12-08	0909
2467	2038	01	04.7104	2038.01290	2465428.21157	2038-01-04	1703
2468	2038	02	01.0507	2038.08775	2465455.55170	2038-02-01	0113
2469	2038	02	28.3882	2038.16260	2465482.88934	2038-02-28	0919
2470	2038	03	27.7028	2038.23738	2465510.20399	2038-03-27	1652
2471	2038	04	23.9771	2038.31205	2465537.47850	2038-04-23	2327
2472	2038	05	21.2083	2038.38661	2465564.70982	2038-05-21	0500
2473	2038	06	17.4111	2038.46108	2465591.91232	2038-06-17	0952
2474	2038	07	14.6090	2038.53555	2465619.11065	2038-07-14	1437
2475	2038	08	10.8257	2038.61006	2465646.32716	2038-08-10	1949
2476	2038	09	07.0708	2038.68466	2465673.57232	2038-09-07	0142
2477	2038	10	04.3431	2038.75932	2465700.84433	2038-10-04	0814
2478	2038	10	31.6347	2038.83404	2465728.13627	2038-10-31	1514
2479	2038	11	27.9424	2038.90881	2465755.44383	2038-11-27	2237
2480	2038	12	25.2653	2038.98361	2465782.76681	2038-12-25	0622
2481	2039	01	21.6021	2039.05914	2465810.10361	2039-01-21	1427
2482	2039	02	17.9431	2039.13400	2465837.44446	2039-02-17	2238
2483	2039	03	17.2694	2039.20881	2465864.77062	2039-03-17	0628
2484	2039	04	13.5611	2039.28353	2465892.06217	2039-04-13	1328
2485	2039	05	10.8083	2039.35813	2465919.30960	2039-05-10	1924
2486	2039	06	07.0194	2039.43263	2465946.52076	2039-06-07	0028
2487	2039	07	04.2167	2039.50710	2465973.71765	2039-07-04	0512
2488	2039	07	31.4236	2039.58158	2466000.92502	2039-07-31	1010
2489	2039	08	27.6569	2039.65614	2466028.15859	2039-08-27	1546
2490	2039	09	23.9194	2039.73079	2466055.42084	2039-09-23	2204
2491	2039	10	21.2042	2039.80549	2466082.70575	2039-10-21	0454
2492	2039	11	17.5063	2039.88024	2466110.00739	2039-11-17	1209
2493	2039	12	14.8229	2039.95503	2466137.32426	2039-12-14	1945
2494	2040	01	11.1549	2040.03054	2466164.65625	2040-01-11	0343
2495	2040	02	07.4958	2040.10540	2466191.99734	2040-02-07	1154
2496	2040	03	05.8306	2040.18023	2466219.33182	2040-03-05	1956
2497	2040	04	02.1375	2040.25500	2466246.63887	2040-04-02	0318
2498	2040	04	29.4021	2040.32964	2466273.90365	2040-04-29	0939
2499	2040	05	26.6257	2040.40418	2466301.12698	2040-05-26	1501
2500	2040	06	22.8250	2040.47864	2466328.32636	2040-06-22	1948
2501	2040	07	20.0257	2040.55312	2466355.52706	2040-07-20	0037
2502	2040	08	16.2479	2040.62765	2466382.74937	2040-08-16	0557
2503	2040	09	12.4993	2040.70226	2466410.00082	2040-09-12	1159
2504	2040	10	09.7764	2040.77694	2466437.27774	2040-10-09	1838
2505	2040	11	06.0722	2040.85167	2466464.57326	2040-11-06	0144
2506	2040	12	03.3826	2040.92644	2466491.88410	2040-12-03	0911
2507	2040	12	30.7090	2041.00126	2466519.21041	2040-12-30	1701
2508	2041	01	27.0479	2041.07405	2466546.54928	2041-01-27	0109
2509	2041	02	23.3875	2041.14890	2466573.88874	2041-02-23	0918
2510	2041	03	22.7076	2041.22370	2466601.20891	2041-03-22	1659
2511	2041	04	18.9896	2041.29840	2466628.49115	2041-04-18	2345
2512	2041	05	16.2278	2041.37297	2466655.72944	2041-05-16	0528
2513	2041	06	12.4340	2041.44746	2466682.93534	2041-06-12	1025
2514	2041	07	09.6313	2041.52192	2466710.13257	2041-07-09	1509
2515	2041	08	05.8431	2041.59642	2466737.34474	2041-08-05	2014
2516	2041	09	02.0833	2041.67100	2466764.58473	2041-09-02	0200
2517	2041	09	29.3514	2041.74566	2466791.85252	2041-09-29	0826
2518	2041	10	26.6403	2041.82037	2466819.14143	2041-10-26	1522
2519	2041	11	22.9451	2041.89513	2466846.44635	2041-11-22	2241

2520	2041	12	20.2653	2041.96993	2466873.76660	2041-12-20	0622
2521	2042	01	16.6000	2042.04545	2466901.10140	2042-01-16	1424
2522	2042	02	12.9417	2042.12031	2466928.44270	2042-02-12	2236
2523	2042	03	12.2715	2042.19513	2466955.77298	2042-03-12	0631
2524	2042	04	08.5701	2042.26987	2466983.07170	2042-04-08	1341
2525	2042	05	05.8257	2042.34449	2467010.32679	2042-05-05	1949
2526	2042	06	02.0417	2042.41901	2467037.54299	2042-06-02	0100
2527	2042	06	29.2389	2042.49347	2467064.74049	2042-06-29	0544
2528	2042	07	26.4431	2042.56795	2467091.94453	2042-07-26	1038
2529	2042	08	22.6715	2042.64250	2467119.17299	2042-08-22	1607
2530	2042	09	18.9292	2042.71712	2467146.43052	2042-09-18	2218
2531	2042	10	16.2104	2042.79181	2467173.71200	2042-10-16	0503
2532	2042	11	12.5097	2042.86656	2467201.01094	2042-11-12	1214
2533	2042	12	09.8236	2042.94134	2467228.32511	2042-12-09	1946
2534	2043	01	06.1535	2043.01685	2467255.65464	2043-01-06	0341
2535	2043	02	02.4938	2043.09170	2467282.99501	2043-02-02	1151
2536	2043	03	01.8306	2043.16654	2467310.33212	2043-03-01	1956
2537	2043	03	29.1437	2043.24132	2467337.64537	2043-03-29	0327
2538	2043	04	25.4167	2043.31599	2467364.91800	2043-04-25	1000
2539	2043	05	22.6465	2043.39054	2467392.14771	2043-05-22	1531
2540	2043	06	18.8479	2043.46502	2467419.34951	2043-06-18	2021
2541	2043	07	16.0465	2043.53948	2467446.54823	2043-07-16	0107
2542	2043	08	12.2646	2043.61400	2467473.76582	2043-08-12	0621
2543	2043	09	08.5111	2043.68860	2467501.01220	2043-09-08	1216
2544	2043	10	05.7840	2043.76327	2467528.28519	2043-10-05	1849
2545	2043	11	02.0764	2043.83799	2467555.57784	2043-11-02	0150
2546	2043	11	29.3847	2043.91276	2467582.88603	2043-11-29	0914
2547	2043	12	26.7083	2043.98757	2467610.20966	2043-12-26	1700
2548	2044	01	23.0458	2044.06310	2467637.54690	2044-01-23	0106
2549	2044	02	19.3861	2044.13795	2467664.88755	2044-02-19	0916
2550	2044	03	17.7111	2044.21276	2467692.21263	2044-03-17	1704
2551	2044	04	14.0014	2044.28748	2467719.50242	2044-04-14	0002
2552	2044	05	11.2465	2044.36207	2467746.74804	2044-05-11	0555
2553	2044	06	07.4569	2044.43657	2467773.95810	2044-06-07	1058
2554	2044	07	04.6535	2044.51103	2467801.15496	2044-07-04	1541
2555	2044	07	31.8618	2044.58552	2467828.36320	2044-07-31	2041
2556	2044	08	28.0965	2044.66009	2467855.59802	2044-08-28	0219
2557	2044	09	24.3597	2044.73473	2467882.86136	2044-09-24	0838
2558	2044	10	21.6458	2044.80943	2467910.14707	2044-10-21	1530
2559	2044	11	17.9479	2044.88418	2467937.44934	2044-11-17	2245
2560	2044	12	15.2653	2044.95897	2467964.76686	2044-12-15	0622
2561	2045	01	11.5979	2045.03175	2467992.09942	2045-01-11	1421
2562	2045	02	07.9396	2045.10661	2468019.44061	2045-02-07	2233
2563	2045	03	07.2729	2045.18145	2468046.77436	2045-03-07	0633
2564	2045	04	03.5785	2045.25620	2468074.07986	2045-04-03	1353
2565	2045	04	30.8417	2045.33085	2468101.34275	2045-04-30	2012
2566	2045	05	28.0632	2045.40537	2468128.56463	2045-05-28	0131
2567	2045	06	24.2625	2045.47984	2468155.76356	2045-06-24	0618
2568	2045	07	21.4632	2045.55431	2468182.96482	2045-07-21	1107
2569	2045	08	17.6868	2045.62885	2468210.18830	2045-08-17	1629
2570	2045	09	13.9396	2045.70346	2468237.44094	2045-09-13	2233
2571	2045	10	11.2174	2045.77814	2468264.71877	2045-10-11	0513
2572	2045	11	07.5139	2045.85288	2468292.01496	2045-11-07	1220
2573	2045	12	04.8250	2045.92765	2468319.32645	2045-12-04	1948

2574	2046	01	01.1521	2046.00315	2468346.65339	2046-01-01	0339
2575	2046	01	28.4910	2046.07800	2468373.99259	2046-01-28	1147
2576	2046	02	24.8306	2046.15286	2468401.33168	2046-02-24	1956
2577	2046	03	24.1493	2046.22765	2468428.65058	2046-03-24	0335
2578	2046	04	20.4299	2046.30234	2468455.93098	2046-04-20	1019
2579	2046	05	17.6660	2046.37691	2468483.16757	2046-05-17	1559
2580	2046	06	13.8715	2046.45139	2468510.37258	2046-06-13	2055
2581	2046	07	11.0688	2046.52586	2468537.57001	2046-07-11	0139
2582	2046	08	07.2819	2046.60036	2468564.78318	2046-08-07	0646
2583	2046	09	03.5229	2046.67494	2468592.02442	2046-09-03	1233
2584	2046	09	30.7917	2046.74960	2468619.29324	2046-09-30	1900
2585	2046	10	28.0812	2046.82432	2468646.58289	2046-10-28	0157
2586	2046	11	24.3868	2046.89907	2468673.88844	2046-11-24	0917
2587	2046	12	21.7076	2046.97387	2468701.20935	2046-12-21	1659
2588	2047	01	18.0431	2047.04940	2468728.54465	2047-01-18	0102
2589	2047	02	14.3847	2047.12426	2468755.88589	2047-02-14	0914
2590	2047	03	13.7139	2047.19908	2468783.21525	2047-03-13	1708
2591	2047	04	10.0111	2047.27382	2468810.51228	2047-04-10	0016
2592	2047	05	07.2639	2047.34843	2468837.76552	2047-05-07	0620
2593	2047	06	03.4792	2047.42294	2468864.98045	2047-06-03	1130
2594	2047	06	30.6764	2047.49740	2468892.17773	2047-06-30	1614
2595	2047	07	27.8813	2047.57189	2468919.38252	2047-07-27	2109
2596	2047	08	24.1111	2047.64644	2468946.61219	2047-08-24	0240
2597	2047	09	20.3694	2047.72107	2468973.87087	2047-09-20	0852
2598	2047	10	17.6521	2047.79576	2469001.15320	2047-10-17	1539
2599	2047	11	13.9514	2047.87050	2469028.45279	2047-11-13	2250
2600	2047	12	11.2660	2047.94529	2469055.76760	2047-12-11	0623
2601	2048	01	07.5965	2048.02080	2469083.09773	2048-01-07	1419
2602	2048	02	03.9368	2048.09565	2469110.43831	2048-02-03	2229
2603	2048	03	02.2736	2048.17050	2469137.77486	2048-03-02	0634
2604	2048	03	29.5854	2048.24527	2469165.08667	2048-03-29	1403
2605	2048	04	25.8563	2048.31993	2469192.35742	2048-04-25	2033
2606	2048	05	23.0840	2048.39448	2469219.58556	2048-05-23	0201
2607	2048	06	19.2854	2048.46895	2469246.78671	2048-06-19	0651
2608	2048	07	16.4847	2048.54342	2469273.98583	2048-07-16	1138
2609	2048	08	12.7028	2048.61794	2469301.20453	2048-08-12	1652
2610	2048	09	08.9507	2048.69254	2469328.45214	2048-09-08	2249
2611	2048	10	06.2250	2048.76721	2469355.72609	2048-10-06	0524
2612	2048	11	02.5181	2048.84194	2469383.01944	2048-11-02	1226
2613	2048	11	29.8271	2048.91671	2469410.32826	2048-11-29	1951
2614	2048	12	27.1514	2048.99152	2469437.65254	2048-12-27	0338
2615	2049	01	23.4889	2049.06431	2469464.99020	2049-01-23	1144
2616	2049	02	19.8292	2049.13916	2469492.33062	2049-02-19	1954
2617	2049	03	19.1535	2049.21397	2469519.65458	2049-03-19	0341
2618	2049	04	15.4410	2049.28868	2469546.94258	2049-04-15	1035
2619	2049	05	12.6847	2049.36327	2469574.18642	2049-05-12	1626
2620	2049	06	08.8938	2049.43777	2469601.39541	2049-06-08	2127
2621	2049	07	06.0910	2049.51223	2469628.59230	2049-07-06	0211
2622	2049	08	02.3000	2049.58672	2469655.80144	2049-08-02	0712
2623	2049	08	29.5361	2049.66129	2469683.03749	2049-08-29	1252
2624	2049	09	25.8007	2049.73594	2469710.30192	2049-09-25	1913
2625	2049	10	23.0868	2049.81064	2469737.58841	2049-10-23	0205
2626	2049	11	19.3896	2049.88539	2469764.89131	2049-11-19	0921
2627	2049	12	16.7083	2049.96019	2469792.20949	2049-12-16	1700

2628	2050	01	13.0410	2050.03570	2469819.54261	2050-01-13	0059
2629	2050	02	09.3826	2050.11056	2469846.88387	2050-02-09	0911
2630	2050	03	08.7153	2050.18539	2469874.21685	2050-03-08	1710
2631	2050	04	05.0194	2050.26015	2469901.52076	2050-04-05	0028
2632	2050	05	02.2806	2050.33479	2469928.78178	2050-05-02	0644
2633	2050	05	29.5007	2050.40931	2469956.00225	2050-05-29	1201
2634	2050	06	25.6993	2050.48378	2469983.20076	2050-06-25	1647
2635	2050	07	22.9014	2050.55825	2470010.40263	2050-07-22	2138
2636	2050	08	19.1257	2050.63279	2470037.62728	2050-08-19	0301
2637	2050	09	15.3799	2050.70741	2470064.88111	2050-09-15	0907
2638	2050	10	12.6583	2050.78209	2470092.15984	2050-10-12	1548
2639	2050	11	08.9556	2050.85683	2470119.45669	2050-11-08	2256
2640	2050	12	06.2674	2050.93160	2470146.76882	2050-12-06	0625
2641	2051	01	02.5951	2051.00711	2470174.09639	2051-01-02	1417
2642	2051	01	29.9347	2051.08196	2470201.43591	2051-01-29	2226
2643	2051	02	26.2729	2051.15680	2470228.77458	2051-02-26	0633
2644	2051	03	25.5910	2051.23160	2470256.09218	2051-03-25	1411
2645	2051	04	21.8694	2051.30628	2470283.37073	2051-04-21	2052
2646	2051	05	19.1042	2051.38085	2470310.60563	2051-05-19	0230
2647	2051	06	15.3083	2051.45533	2470337.80981	2051-06-15	0724
2648	2051	07	12.5063	2051.52979	2470365.00747	2051-07-12	1209
2649	2051	08	08.7201	2051.60430	2470392.22168	2051-08-08	1717
2650	2051	09	04.9625	2051.67888	2470419.46415	2051-09-04	2306
2651	2051	10	02.2326	2051.75355	2470446.73399	2051-10-02	0535
2652	2051	10	29.5229	2051.82826	2470474.02437	2051-10-29	1233
2653	2051	11	25.8292	2051.90302	2470501.33056	2051-11-25	1954
2654	2051	12	23.1507	2051.97783	2470528.65212	2051-12-23	0337
2655	2052	01	19.4861	2052.05335	2470555.98791	2052-01-19	1140
2656	2052	02	15.8278	2052.12821	2470583.32906	2052-02-15	1952
2657	2052	03	14.1563	2052.20303	2470610.65745	2052-03-14	0345
2658	2052	04	10.4514	2052.27776	2470637.95278	2052-04-10	1050
2659	2052	05	07.7028	2052.35237	2470665.20418	2052-05-07	1652
2660	2052	06	03.9167	2052.42688	2470692.41787	2052-06-03	2200
2661	2052	07	01.1132	2052.50134	2470719.61499	2052-07-01	0243
2662	2052	07	28.3188	2052.57582	2470746.82055	2052-07-28	0739
2663	2052	08	24.5500	2052.65038	2470774.05145	2052-08-24	1312
2664	2052	09	20.8097	2052.72501	2470801.31127	2052-09-20	1926
2665	2052	10	18.0931	2052.79971	2470828.59442	2052-10-18	0214
2666	2052	11	14.3931	2052.87445	2470855.89465	2052-11-14	0926
2667	2052	12	11.7083	2052.94924	2470883.21012	2052-12-11	1700
2668	2053	01	08.0396	2053.02201	2470910.54084	2053-01-08	0057
2669	2053	02	04.3799	2053.09686	2470937.88161	2053-02-04	0907
2670	2053	03	03.7160	2053.17171	2470965.21755	2053-03-03	1711
2671	2053	03	31.0264	2053.24648	2470992.52789	2053-03-31	0038
2672	2053	04	27.2951	2053.32114	2471019.79676	2053-04-27	0705
2673	2053	05	24.5215	2053.39568	2471047.02336	2053-05-24	1231
2674	2053	06	20.7222	2053.47015	2471074.22390	2053-06-20	1720
2675	2053	07	17.9222	2053.54462	2471101.42348	2053-07-17	2208
2676	2053	08	14.1417	2053.61914	2471128.64329	2053-08-14	0324
2677	2053	09	10.3903	2053.69374	2471155.89212	2053-09-10	0922
2678	2053	10	07.6653	2053.76842	2471183.16702	2053-10-07	1558
2679	2053	11	03.9597	2053.84315	2471210.46106	2053-11-03	2302
2680	2053	12	01.2687	2053.91792	2471237.77052	2053-12-01	0627
2681	2053	12	28.5938	2053.99273	2471265.09544	2053-12-28	1415

2682	2054	01	24.9319	2054.06826	2471292.43350	2054-01-24	2222
2683	2054	02	21.2722	2054.14311	2471319.77366	2054-02-21	0632
2684	2054	03	20.5951	2054.21792	2471347.09646	2054-03-20	1417
2685	2054	04	16.8813	2054.29262	2471374.38267	2054-04-16	2109
2686	2054	05	14.1229	2054.36721	2471401.62474	2054-05-14	0257
2687	2054	06	10.3313	2054.44170	2471428.83271	2054-06-10	0757
2688	2054	07	07.5278	2054.51616	2471456.02965	2054-07-07	1240
2689	2054	08	03.7382	2054.59066	2471483.23972	2054-08-03	1743
2690	2054	08	30.9757	2054.66523	2471510.47702	2054-08-30	2325
2691	2054	09	27.2410	2054.73988	2471537.74252	2054-09-27	0547
2692	2054	10	24.5285	2054.81459	2471565.02978	2054-10-24	1241
2693	2054	11	20.8319	2054.88934	2471592.33332	2054-11-20	1958
2694	2054	12	18.1507	2054.96414	2471619.65215	2054-12-18	0337
2695	2055	01	14.4840	2055.03966	2471646.98581	2055-01-14	1137
2696	2055	02	10.8257	2055.11451	2471674.32712	2055-02-10	1949
2697	2055	03	10.1576	2055.18934	2471701.65929	2055-03-10	0347
2698	2055	04	06.4597	2055.26409	2471728.96159	2055-04-06	1102
2699	2055	05	03.7194	2055.33873	2471756.22074	2055-05-03	1716
2700	2055	05	30.9382	2055.41325	2471783.43982	2055-05-30	2231
2701	2055	06	27.1361	2055.48771	2471810.63796	2055-06-27	0316
2702	2055	07	24.3389	2055.56219	2471837.84048	2055-07-24	0808
2703	2055	08	20.5646	2055.63673	2471865.06632	2055-08-20	1333
2704	2055	09	16.8194	2055.71135	2471892.32133	2055-09-16	1940
2705	2055	10	14.0993	2055.78604	2471919.60094	2055-10-14	0223
2706	2055	11	10.3972	2055.86077	2471946.89845	2055-11-10	0932
2707	2055	12	07.7097	2055.93555	2471974.21122	2055-12-07	1702
2708	2056	01	04.0375	2056.01105	2472001.53941	2056-01-04	0054
2709	2056	01	31.3778	2056.08591	2472028.87923	2056-01-31	0904
2710	2056	02	27.7160	2056.16076	2472056.21745	2056-02-27	1711
2711	2056	03	26.0319	2056.23554	2472083.53371	2056-03-26	0046
2712	2056	04	22.3090	2056.31022	2472110.81041	2056-04-22	0725
2713	2056	05	19.5424	2056.38478	2472138.04365	2056-05-19	1301
2714	2056	06	15.7451	2056.45926	2472165.24702	2056-06-15	1753
2715	2056	07	12.9431	2056.53372	2472192.44497	2056-07-12	2238
2716	2056	08	09.1583	2056.60824	2472219.66022	2056-08-09	0348
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2719	2056	10	29.9646	2056.83221	2472301.46589	2056-10-29	2309
2720	2056	11	26.2708	2056.90697	2472328.77270	2056-11-26	0630
2721	2056	12	23.5931	2056.98177	2472356.09491	2056-12-23	1414
2722	2057	01	19.9299	2057.05456	2472383.43118	2057-01-19	2219
2723	2057	02	16.2708	2057.12942	2472410.77221	2057-02-16	0630
2724	2057	03	15.5979	2057.20424	2472438.09960	2057-03-15	1421
2725	2057	04	11.8917	2057.27896	2472465.39320	2057-04-11	2124
2726	2057	05	09.1410	2057.35357	2472492.64277	2057-05-09	0323
2727	2057	06	05.3535	2057.42807	2472519.85527	2057-06-05	0829
2728	2057	07	02.5507	2057.50253	2472547.05226	2057-07-02	1313
2729	2057	07	29.7569	2057.57702	2472574.25864	2057-07-29	1810
2730	2057	08	25.9889	2057.65158	2472601.49076	2057-08-25	2344
2731	2057	09	22.2500	2057.72621	2472628.75170	2057-09-22	0600
2732	2057	10	19.5340	2057.80091	2472656.03567	2057-10-19	1249
2733	2057	11	15.8347	2057.87566	2472683.33655	2057-11-15	2002
2734	2057	12	13.1514	2057.95045	2472710.65266	2057-12-13	0338
2735	2058	01	09.4826	2058.02596	2472737.98397	2058-01-09	1135

2736	2058	02	05.8236	2058.10082	2472765.32491	2058-02-05	1946
2737	2058	03	05.1583	2058.17566	2472792.66019	2058-03-05	0348
2738	2058	04	01.4674	2058.25042	2472819.96904	2058-04-01	1113
2739	2058	04	28.7347	2058.32508	2472847.23603	2058-04-28	1738
2740	2058	05	25.9597	2058.39962	2472874.46111	2058-05-25	2302
2741	2058	06	22.1597	2058.47409	2472901.66109	2058-06-22	0350
2742	2058	07	19.3597	2058.54856	2472928.86116	2058-07-19	0838
2743	2058	08	15.5806	2058.62308	2472956.08211	2058-08-15	1356
2744	2058	09	11.8306	2058.69769	2472983.33215	2058-09-11	1956
2745	2058	10	09.1062	2058.77236	2473010.60799	2058-10-09	0233
2746	2058	11	05.4014	2058.84709	2473037.90271	2058-11-05	0938
2747	2058	12	02.7111	2058.92186	2473065.21281	2058-12-02	1704
2748	2058	12	30.0368	2058.99668	2473092.53836	2058-12-30	0053
2749	2059	01	26.3750	2059.07221	2473119.87681	2059-01-26	0900
2750	2059	02	22.7153	2059.14706	2473147.21667	2059-02-22	1710
2751	2059	03	22.0368	2059.22187	2473174.53828	2059-03-22	0053
2752	2059	04	18.3208	2059.29657	2473201.82267	2059-04-18	0742
2753	2059	05	15.5611	2059.37115	2473229.06299	2059-05-15	1328
2754	2059	06	11.7681	2059.44563	2473256.26999	2059-06-11	1826
2755	2059	07	08.9653	2059.52010	2473283.46703	2059-07-08	2310
2756	2059	08	05.1764	2059.59460	2473310.67806	2059-08-05	0414
2757	2059	09	01.4153	2059.66917	2473337.91659	2059-09-01	0958
2758	2059	09	28.6812	2059.74382	2473365.18315	2059-09-28	1621
2759	2059	10	25.9694	2059.81853	2473392.47118	2059-10-25	2316
2760	2059	11	22.2736	2059.89329	2473419.77535	2059-11-22	0634
2761	2059	12	19.5931	2059.96809	2473447.09484	2059-12-19	1414
2762	2060	01	15.9271	2060.04361	2473474.42903	2060-01-15	2215
2763	2060	02	12.2688	2060.11846	2473501.77035	2060-02-12	0627
2764	2060	03	10.6000	2060.19329	2473529.10167	2060-03-10	1424
2765	2060	04	06.9007	2060.26804	2473556.40235	2060-04-06	2137
2766	2060	05	04.1576	2060.34266	2473583.65962	2060-05-04	0347
2767	2060	05	31.3757	2060.41718	2473610.87735	2060-05-31	0901
2768	2060	06	27.5736	2060.49165	2473638.07518	2060-06-27	1346
2769	2060	07	24.7764	2060.56612	2473665.27837	2060-07-24	1838
2770	2060	08	21.0035	2060.64067	2473692.50541	2060-08-21	0005
2771	2060	09	17.2597	2060.71529	2473719.76159	2060-09-17	0614
2772	2060	10	14.5403	2060.78998	2473747.04206	2060-10-14	1258
2773	2060	11	10.8389	2060.86472	2473774.34024	2060-11-10	2008
2774	2060	12	08.1521	2060.93950	2473801.65365	2060-12-08	0339
2775	2061	01	04.4806	2061.01227	2473828.98246	2061-01-04	1132
2776	2061	01	31.8208	2061.08712	2473856.32254	2061-01-31	1942
2777	2061	02	28.1583	2061.16197	2473883.66027	2061-02-28	0348
2778	2061	03	27.4736	2061.23675	2473910.97517	2061-03-27	1122
2779	2061	04	23.7486	2061.31143	2473938.25000	2061-04-23	1758
2780	2061	05	20.9799	2061.38598	2473965.48160	2061-05-20	2331
2781	2061	06	17.1826	2061.46046	2473992.68423	2061-06-17	0423
2782	2061	07	14.3806	2061.53492	2474019.88251	2061-07-14	0908
2783	2061	08	10.5972	2061.60944	2474047.09882	2061-08-10	1420
2784	2061	09	06.8424	2061.68403	2474074.34377	2061-09-06	2013
2785	2061	10	04.1139	2061.75870	2474101.61561	2061-10-04	0244
2786	2061	10	31.4056	2061.83342	2474128.90742	2061-10-31	0944
2787	2061	11	27.7132	2061.90818	2474156.21487	2061-11-27	1707
2788	2061	12	25.0361	2061.98299	2474183.53773	2061-12-25	0052
2789	2062	01	21.3729	2062.05852	2474210.87446	2062-01-21	0857

2790	2062	02	17.7139	2062.13337	2474238.21534	2062-02-17	1708
2791	2062	03	17.0403	2062.20819	2474265.54168	2062-03-17	0058
2792	2062	04	13.3319	2062.28291	2474292.83354	2062-04-13	0758
2793	2062	05	10.5799	2062.35751	2474320.08129	2062-05-10	1355
2794	2062	06	06.7910	2062.43201	2474347.29264	2062-06-06	1859
2795	2062	07	03.9875	2062.50647	2474374.48955	2062-07-03	2342
2796	2062	07	31.1951	2062.58096	2474401.69677	2062-07-31	0441
2797	2062	08	27.4285	2062.65552	2474428.93012	2062-08-27	1017
2798	2062	09	23.6903	2062.73016	2474456.19217	2062-09-23	1634
2799	2062	10	20.9750	2062.80486	2474483.47695	2062-10-20	2324
2800	2062	11	17.2764	2062.87961	2474510.77847	2062-11-17	0638
2801	2062	12	14.5938	2062.95440	2474538.09523	2062-12-14	1415
2802	2063	01	10.9257	2063.02991	2474565.42712	2063-01-10	2213
2803	2063	02	07.2667	2063.10477	2474592.76819	2063-02-07	0624
2804	2063	03	06.6014	2063.17961	2474620.10279	2063-03-06	1426
2805	2063	04	02.9083	2063.25437	2474647.41012	2063-04-02	2148
2806	2063	04	30.1736	2063.32902	2474674.67522	2063-04-30	0410
2807	2063	05	27.3972	2063.40355	2474701.89881	2063-05-27	0932
2808	2063	06	23.5965	2063.47802	2474729.09828	2063-06-23	1419
2809	2063	07	20.7972	2063.55249	2474756.29888	2063-07-20	1908
2810	2063	08	17.0194	2063.62702	2474783.52098	2063-08-17	0028
2811	2063	09	13.2701	2063.70163	2474810.77222	2063-09-13	0629
2812	2063	10	10.5472	2063.77631	2474838.04898	2063-10-10	1308
2813	2063	11	06.8424	2063.85104	2474865.34438	2063-11-06	2013
2814	2063	12	04.1535	2063.92581	2474892.65512	2063-12-04	0341
2815	2063	12	31.4799	2064.00063	2474919.98131	2063-12-31	1131
2816	2064	01	27.8181	2064.07616	2474947.32012	2064-01-27	1938
2817	2064	02	24.1576	2064.15101	2474974.65965	2064-02-24	0347
2818	2064	03	22.4785	2064.22581	2475001.98003	2064-03-22	1129
2819	2064	04	18.7611	2064.30051	2475029.26260	2064-04-18	1816
2820	2064	05	16.9993	2064.37508	2475056.50119	2064-05-15	2359
2821	2064	06	12.2056	2064.44957	2475083.70724	2064-06-12	0456
2822	2064	07	09.4028	2064.52403	2475110.90444	2064-07-09	0940
2823	2064	08	05.6146	2064.59853	2475138.11644	2064-08-05	1445
2824	2064	09	01.8542	2064.67311	2475165.35622	2064-09-01	2030
2825	2064	09	29.1222	2064.74777	2475192.62383	2064-09-29	0256
2826	2064	10	26.4111	2064.82248	2475219.91260	2064-10-26	0952
2827	2064	11	22.7153	2064.89724	2475247.21741	2064-11-22	1710
2828	2064	12	20.0354	2064.97203	2475274.53755	2064-12-20	0051
2829	2065	01	16.3701	2065.04482	2475301.87226	2065-01-16	0853
2830	2065	02	12.7118	2065.11968	2475329.21356	2065-02-12	1705
2831	2065	03	12.0424	2065.19450	2475356.54400	2065-03-12	0101
2832	2065	04	08.3410	2065.26924	2475383.84302	2065-04-08	0811
2833	2065	05	05.5965	2065.34386	2475411.09843	2065-05-05	1419
2834	2065	06	01.8132	2065.41838	2475438.31485	2065-06-01	1931
2835	2065	06	29.0104	2065.49284	2475465.51240	2065-06-29	0015
2836	2065	07	26.2146	2065.56732	2475492.71631	2065-07-26	0509
2837	2065	08	22.4431	2065.64187	2475519.94456	2065-08-22	1038
2838	2065	09	18.7000	2065.71650	2475547.20189	2065-09-18	1648
2839	2065	10	15.9812	2065.79119	2475574.48322	2065-10-15	2333
2840	2065	11	12.2806	2065.86593	2475601.78205	2065-11-12	0644
2841	2065	12	09.5944	2065.94071	2475629.09610	2065-12-09	1416
2842	2066	01	05.9236	2066.01622	2475656.42552	2066-01-05	2210
2843	2066	02	02.2639	2066.09107	2475683.76585	2066-02-02	0620

2844	2066	03	01.6014	2066.16592	2475711.10306	2066-03-01	1426
2845	2066	03	28.9146	2066.24070	2475738.41656	2066-03-28	2157
2846	2066	04	25.1875	2066.31537	2475765.68951	2066-04-25	0430
2847	2066	05	22.4174	2066.38992	2475792.91951	2066-05-22	1001
2848	2066	06	18.6194	2066.46439	2475820.12143	2066-06-18	1452
2849	2066	07	15.8181	2066.53886	2475847.32007	2066-07-15	1938
2850	2066	08	12.0354	2066.61338	2475874.53747	2066-08-12	0051
2851	2066	09	08.2819	2066.68797	2475901.78364	2066-09-08	0646
2852	2066	10	05.5549	2066.76264	2475929.05646	2066-10-05	1319
2853	2066	11	01.8472	2066.83736	2475956.34899	2066-11-01	2020
2854	2066	11	29.1556	2066.91213	2475983.65707	2066-11-29	0344
2855	2066	12	26.4785	2066.98694	2476010.98058	2066-12-26	1129
2856	2067	01	22.8160	2067.06247	2476038.31774	2067-01-22	1935
2857	2067	02	19.1569	2067.13732	2476065.65844	2067-02-19	0346
2858	2067	03	18.4819	2067.21213	2476092.98371	2067-03-18	1134
2859	2067	04	14.7722	2067.28685	2476120.27380	2067-04-14	1832
2860	2067	05	12.0181	2067.36145	2476147.51974	2067-05-12	0026
2861	2067	06	08.2285	2067.43594	2476174.72999	2067-06-08	0529
2862	2067	07	05.4250	2067.51040	2476201.92686	2067-07-05	1012
2863	2067	08	01.6333	2067.58490	2476229.13494	2067-08-01	1512
2864	2067	08	28.8674	2067.65946	2476256.36954	2067-08-28	2049
2865	2067	09	25.1306	2067.73410	2476283.63269	2067-09-25	0308
2866	2067	10	22.4167	2067.80881	2476310.91826	2067-10-22	1000
2867	2067	11	18.7188	2067.88356	2476338.22042	2067-11-18	1715
2868	2067	12	16.0361	2067.95835	2476365.53783	2067-12-16	0052
2869	2068	01	12.3687	2068.03386	2476392.87029	2068-01-12	0851
2870	2068	02	08.7097	2068.10872	2476420.21147	2068-02-08	1702
2871	2068	03	07.0437	2068.18356	2476447.54534	2068-03-07	0103
2872	2068	04	03.3493	2068.25831	2476474.85111	2068-04-03	0823
2873	2068	04	30.6125	2068.33296	2476502.11434	2068-04-30	1442
2874	2068	05	27.8347	2068.40749	2476529.33647	2068-05-27	2002
2875	2068	06	24.0333	2068.48195	2476556.53547	2068-06-24	0048
2876	2068	07	21.2347	2068.55643	2476583.73664	2068-07-21	0538
2877	2068	08	17.4583	2068.63096	2476610.95991	2068-08-17	1100
2878	2068	09	13.7104	2068.70557	2476638.21234	2068-09-13	1703
2879	2068	10	10.9882	2068.78026	2476665.49001	2068-10-10	2343
2880	2068	11	07.2840	2068.85499	2476692.78608	2068-11-07	0649
2881	2068	12	04.5958	2068.92976	2476720.09746	2068-12-04	1418
2882	2068	12	31.9222	2069.00458	2476747.42429	2068-12-31	2208
2883	2069	01	28.2618	2069.07738	2476774.76343	2069-01-28	0617
2884	2069	02	24.6007	2069.15223	2476802.10259	2069-02-24	1425
2885	2069	03	23.9201	2069.22702	2476829.42172	2069-03-23	2205
2886	2069	04	20.2007	2069.30171	2476856.70244	2069-04-20	0449
2887	2069	05	17.4375	2069.37628	2476883.93932	2069-05-17	1030
2888	2069	06	13.6424	2069.45077	2476911.14449	2069-06-13	1525
2889	2069	07	10.8403	2069.52523	2476938.34188	2069-07-10	2010
2890	2069	08	07.0528	2069.59973	2476965.55487	2069-08-07	0116
2891	2069	09	03.2938	2069.67432	2476992.79589	2069-09-03	0703
2892	2069	09	30.5625	2069.74897	2477020.06454	2069-09-30	1330
2893	2069	10	27.8521	2069.82369	2477047.35406	2069-10-27	2027
2894	2069	11	24.1576	2069.89845	2477074.65949	2069-11-24	0347
2895	2069	12	21.4785	2069.97325	2477101.98029	2069-12-21	1129
2896	2070	01	17.8139	2070.04877	2477129.31550	2070-01-17	1932
2897	2070	02	14.1549	2070.12363	2477156.65676	2070-02-14	0343

2898	2070	03	13.4840	2070.19845	2477183.98628	2070-03-13	1137
2899	2070	04	09.7819	2070.27319	2477211.28361	2070-04-09	1846
2900	2070	05	07.0354	2070.34780	2477238.53717	2070-05-07	0051
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2902	2070	06	30.4479	2070.49678	2477292.94964	2070-06-30	1045
2903	2070	07	27.6521	2070.57126	2477320.15429	2070-07-27	1539
2904	2070	08	23.8819	2070.64581	2477347.38375	2070-08-23	2110
2905	2070	09	20.1403	2070.72044	2477374.64223	2070-09-20	0322
2906	2070	10	17.4222	2070.79513	2477401.92441	2070-10-17	1008
2907	2070	11	13.7222	2070.86988	2477429.22389	2070-11-13	1720
2908	2070	12	11.0368	2070.94466	2477456.53859	2070-12-11	0053
2909	2071	01	07.3667	2071.02017	2477483.86861	2071-01-07	0848
2910	2071	02	03.7069	2071.09502	2477511.20916	2071-02-03	1658
2911	2071	03	03.0438	2071.16987	2477538.54580	2071-03-03	0103
2912	2071	03	30.3563	2071.24464	2477565.85787	2071-03-30	0833
2913	2071	04	26.6271	2071.31931	2477593.12895	2071-04-26	1503
2914	2071	05	23.8556	2071.39386	2477620.35736	2071-05-23	2032
2915	2071	06	20.0569	2071.46833	2477647.55862	2071-06-20	0122
2916	2071	07	17.2556	2071.54279	2477674.75767	2071-07-17	0608
2917	2071	08	13.4743	2071.61732	2477701.97617	2071-08-13	1123
2918	2071	09	09.7215	2071.69191	2477729.22357	2071-09-09	1719
2919	2071	10	06.9951	2071.76658	2477756.49736	2071-10-06	2353
2920	2071	11	03.2889	2071.84131	2477783.79058	2071-11-03	0656
2921	2071	11	30.5972	2071.91608	2477811.09929	2071-11-30	1420
2922	2071	12	27.9215	2071.99089	2477838.42345	2071-12-27	2207
2923	2072	01	24.2590	2072.06642	2477865.76104	2072-01-24	0613
2924	2072	02	20.5993	2072.14127	2477893.10151	2072-02-20	1423
2925	2072	03	18.9236	2072.21608	2477920.42567	2072-03-18	2210
2926	2072	04	15.2118	2072.29079	2477947.71398	2072-04-15	0505
2927	2072	05	12.4563	2072.36538	2477974.95813	2072-05-12	1057
2928	2072	06	08.6653	2072.43988	2478002.16731	2072-06-08	1558
2929	2072	07	05.8625	2072.51434	2478029.36419	2072-07-05	2042
2930	2072	08	02.0715	2072.58883	2478056.57317	2072-08-02	0143
2931	2072	08	29.3069	2072.66340	2478083.80900	2072-08-29	0722
2932	2072	09	25.5715	2072.73805	2478111.07324	2072-09-25	1343
2933	2072	10	22.8576	2072.81275	2478138.35960	2072-10-22	2035
2934	2072	11	19.1604	2072.88750	2478165.66239	2072-11-19	0351
2935	2072	12	16.4785	2072.96230	2478192.98045	2072-12-16	1129
2936	2073	01	12.8118	2073.03508	2478220.31347	2073-01-12	1929
2937	2073	02	09.1528	2073.10993	2478247.65473	2073-02-09	0340
2938	2073	03	08.4861	2073.18477	2478274.98784	2073-03-08	1140
2939	2073	04	04.7903	2073.25952	2478302.29203	2073-04-04	1858
2940	2073	05	02.0514	2073.33416	2478329.55338	2073-05-02	0114
2941	2073	05	29.2722	2073.40869	2478356.77409	2073-05-29	0632
2942	2073	06	25.4708	2073.48315	2478383.97267	2073-06-25	1118
2943	2073	07	22.6722	2073.55762	2478411.17444	2073-07-22	1608
2944	2073	08	18.8972	2073.63216	2478438.39888	2073-08-18	2132
2945	2073	09	15.1507	2073.70678	2478465.65250	2073-09-15	0337
2946	2073	10	12.4292	2073.78146	2478492.93107	2073-10-12	1018
2947	2073	11	08.7257	2073.85620	2478520.22781	2073-11-08	1725
2948	2073	12	06.0375	2073.93097	2478547.53983	2073-12-06	0054
2949	2074	01	02.3653	2074.00648	2478574.86728	2074-01-02	0846
2950	2074	01	29.7049	2074.08133	2478602.20675	2074-01-29	1655
2951	2074	02	26.0438	2074.15618	2478629.54550	2074-02-26	0103

2952	2074	03	25.3611	2074.23097	2478656.86333	2074-03-25	0840
2953	2074	04	21.6403	2074.30565	2478684.14221	2074-04-21	1522
2954	2074	05	18.8757	2074.38022	2478711.37740	2074-05-18	2101
2955	2074	06	15.0799	2074.45470	2478738.58172	2074-06-15	0155
2956	2074	07	12.2771	2074.52916	2478765.77934	2074-07-12	0639
2957	2074	08	08.4917	2074.60367	2478792.99336	2074-08-08	1148
2958	2074	09	04.7333	2074.67826	2478820.23562	2074-09-04	1736
2959	2074	10	02.0035	2074.75292	2478847.50528	2074-10-02	0005
2960	2074	10	29.2938	2074.82764	2478874.79553	2074-10-29	0703
2961	2074	11	25.5993	2074.90239	2478902.10161	2074-11-25	1423
2962	2074	12	22.9208	2074.97720	2478929.42305	2074-12-22	2206
2963	2075	01	19.2569	2075.05272	2478956.75876	2075-01-19	0610
2964	2075	02	15.5979	2075.12758	2478984.09993	2075-02-15	1421
2965	2075	03	14.9264	2075.20240	2479011.42849	2075-03-14	2214
2966	2075	04	11.2222	2075.27713	2479038.72412	2075-04-11	0520
2967	2075	05	08.4736	2075.35174	2479065.97584	2075-05-08	1122
2968	2075	06	04.6875	2075.42625	2479093.18975	2075-06-04	1630
2969	2075	07	01.8847	2075.50071	2479120.38689	2075-07-01	2114
2970	2075	07	29.0903	2075.57520	2479147.59232	2075-07-29	0210
2971	2075	08	25.3208	2075.64975	2479174.82300	2075-08-25	0742
2972	2075	09	21.5806	2075.72438	2479202.08262	2075-09-21	1356
2973	2075	10	18.8639	2075.79908	2479229.36563	2075-10-18	2044
2974	2075	11	15.1639	2075.87382	2479256.66575	2075-11-15	0356
2975	2075	12	12.4792	2075.94861	2479283.98110	2075-12-12	1130
2976	2076	01	08.8097	2076.02412	2479311.31172	2076-01-08	1926
2977	2076	02	05.1507	2076.09898	2479338.65246	2076-02-05	0337
2978	2076	03	03.4861	2076.17382	2479365.98850	2076-03-03	1140
2979	2076	03	30.7972	2076.24859	2479393.29911	2076-03-30	1908
2980	2076	04	27.0660	2076.32325	2479420.56831	2076-04-27	0135
2981	2076	05	24.2931	2076.39779	2479447.79517	2076-05-24	0702
2982	2076	06	20.4937	2076.47226	2479474.99582	2076-06-20	1151
2983	2076	07	17.6931	2076.54673	2479502.19531	2076-07-17	1638
2984	2076	08	13.9132	2076.62125	2479529.41493	2076-08-13	2155
2985	2076	09	10.1618	2076.69586	2479556.66354	2076-09-10	0353
2986	2076	10	07.4361	2076.77053	2479583.93828	2076-10-07	1028
2987	2076	11	03.7299	2076.84526	2479611.23220	2076-11-03	1731
2988	2076	12	01.0396	2076.92003	2479638.54155	2076-12-01	0057
2989	2076	12	28.3646	2076.99484	2479665.86635	2076-12-28	0845
2990	2077	01	24.7021	2077.06763	2479693.20434	2077-01-24	1651
2991	2077	02	21.0424	2077.14248	2479720.54456	2077-02-21	0101
2992	2077	03	20.3653	2077.21729	2479747.86756	2077-03-20	0846
2993	2077	04	16.6521	2077.29200	2479775.15408	2077-04-16	1539
2994	2077	05	13.8944	2077.36658	2479802.39646	2077-05-13	2128
2995	2077	06	10.1028	2077.44108	2479829.60461	2077-06-10	0228
2996	2077	07	07.2993	2077.51554	2479856.80154	2077-07-07	0711
2997	2077	08	03.5090	2077.59003	2479884.01144	2077-08-03	1213
2998	2077	08	30.7465	2077.66460	2479911.24852	2077-08-30	1755
2999	2077	09	27.0118	2077.73925	2479938.51383	2077-09-27	0017
3000	2077	10	24.2986	2077.81396	2479965.80096	2077-10-24	0710
3001	2077	11	20.6021	2077.88871	2479993.10439	2077-11-20	1427
3002	2077	12	17.9208	2077.96351	2480020.42311	2077-12-17	2206
3003	2078	01	14.2549	2078.03903	2480047.75667	2078-01-14	0607
3004	2078	02	10.5958	2078.11388	2480075.09797	2078-02-10	1418
3005	2078	03	09.9285	2078.18872	2480102.43029	2078-03-09	2217

3006	2078	04	06.2306	2078.26346	2480129.73288	2078-04-06	0532
3007	2078	05	03.4903	2078.33810	2480156.99235	2078-05-03	1146
3008	2078	05	30.7097	2078.41262	2480184.21167	2078-05-30	1702
3009	2078	06	26.9076	2078.48708	2480211.40988	2078-06-26	2147
3010	2078	07	24.1104	2078.56156	2480238.61228	2078-07-24	0239
3011	2078	08	20.3361	2078.63610	2480265.83791	2078-08-20	0804
3012	2078	09	16.5903	2078.71072	2480293.09271	2078-09-16	1410
3013	2078	10	13.8701	2078.78541	2480320.37216	2078-10-13	2053
3014	2078	11	10.1674	2078.86014	2480347.66957	2078-11-10	0401
3015	2078	12	07.4799	2078.93492	2480374.98222	2078-12-07	1131
3016	2079	01	03.8083	2079.01043	2480402.31030	2079-01-03	1924
3017	2079	01	31.1479	2079.08528	2480429.65007	2079-01-31	0333
3018	2079	02	27.4861	2079.16013	2480456.98837	2079-02-27	1140
3019	2079	03	26.8028	2079.23492	2480484.30487	2079-03-26	1916
3020	2079	04	23.0799	2079.30960	2480511.58189	2079-04-23	0155
3021	2079	05	20.3132	2079.38416	2480538.81542	2079-05-20	0731
3022	2079	06	16.5167	2079.45864	2480566.01893	2079-06-16	1224
3023	2079	07	13.7146	2079.53310	2480593.21683	2079-07-13	1709
3024	2079	08	09.9299	2079.60761	2480620.43190	2079-08-09	2219
3025	2079	09	06.1729	2079.68220	2480647.67539	2079-09-06	0409
3026	2079	10	03.4437	2079.75686	2480674.94606	2079-10-03	1039
3027	2079	10	30.7347	2079.83158	2480702.23704	2079-10-30	1738
3028	2079	11	27.0417	2079.90634	2480729.54375	2079-11-27	0100
3029	2079	12	24.3639	2079.98115	2480756.86584	2079-12-24	0844
3030	2080	01	20.7000	2080.05667	2480784.20203	2080-01-20	1648
3031	2080	02	17.0410	2080.13153	2480811.54308	2080-02-17	0059
3032	2080	03	15.3687	2080.20635	2480838.87065	2080-03-15	0851
3033	2080	04	11.6625	2080.28107	2480866.16456	2080-04-11	1554
3034	2080	05	08.9125	2080.35568	2480893.41444	2080-05-08	2154
3035	2080	06	05.1250	2080.43018	2480920.62715	2080-06-05	0300
3036	2080	07	02.3222	2080.50465	2480947.82416	2080-07-02	0744
3037	2080	07	29.5285	2080.57913	2480975.03039	2080-07-29	1241
3038	2080	08	25.7604	2080.65369	2481002.26230	2080-08-25	1815
3039	2080	09	22.0208	2080.72833	2481029.52305	2080-09-22	0030
3040	2080	10	19.3049	2080.80302	2481056.80687	2080-10-19	0719
3041	2080	11	15.6056	2080.87777	2481084.10764	2080-11-15	1432
3042	2080	12	12.9215	2080.95256	2481111.42364	2080-12-12	2207
3043	2081	01	09.2528	2081.02533	2481138.75485	2081-01-09	0604
3044	2081	02	05.5938	2081.10019	2481166.09575	2081-02-05	1415
3045	2081	03	04.9292	2081.17503	2481193.43116	2081-03-04	2218
3046	2081	04	01.2382	2081.24980	2481220.74027	2081-04-01	0543
3047	2081	04	28.5056	2081.32445	2481248.00759	2081-04-28	1208
3048	2081	05	25.7306	2081.39899	2481275.23293	2081-05-25	1732
3049	2081	06	21.9306	2081.47346	2481302.43300	2081-06-21	2220
3050	2081	07	19.1306	2081.54793	2481329.63299	2081-07-19	0308
3051	2081	08	15.3514	2081.62245	2481356.85374	2081-08-15	0826
3052	2081	09	11.6014	2081.69706	2481384.10356	2081-09-11	1426
3053	2081	10	08.8771	2081.77174	2481411.37924	2081-10-08	2103
3054	2081	11	05.1715	2081.84647	2481438.67384	2081-11-05	0407
3055	2081	12	02.4819	2081.92124	2481465.98383	2081-12-02	1134
3056	2081	12	29.8069	2081.99605	2481493.30927	2081-12-29	1922
3057	2082	01	26.1451	2082.07158	2481520.64765	2082-01-26	0329
3058	2082	02	22.4854	2082.14644	2481547.98757	2082-02-22	1139
3059	2082	03	21.8069	2082.22124	2481575.30939	2082-03-21	1922

3060	2082	04	18.0917	2082.29594	2481602.59410	2082-04-18	0212
3061	2082	05	15.3326	2082.37052	2481629.83473	2082-05-15	0759
3062	2082	06	11.5396	2082.44501	2481657.04189	2082-06-11	1257
3063	2082	07	08.7368	2082.51947	2481684.23891	2082-07-08	1741
3064	2082	08	04.9472	2082.59397	2481711.44977	2082-08-04	2244
3065	2082	09	01.1861	2082.66855	2481738.68809	2082-09-01	0428
3066	2082	09	28.4521	2082.74320	2481765.95446	2082-09-28	1051
3067	2082	10	25.7403	2082.81791	2481793.24235	2082-10-25	1746
3068	2082	11	22.0444	2082.89266	2481820.54642	2082-11-22	0104
3069	2082	12	19.3639	2082.96746	2481847.86579	2082-12-19	0844
3070	2083	01	15.6979	2083.04298	2481875.19989	2083-01-15	1645
3071	2083	02	12.0389	2083.11783	2481902.54121	2083-02-12	0056
3072	2083	03	11.3701	2083.19266	2481929.87268	2083-03-11	0853
3073	2083	04	07.6715	2083.26741	2481957.17364	2083-04-07	1607
3074	2083	05	04.9292	2083.34204	2481984.43125	2083-05-04	2218
3075	2083	06	01.1472	2083.41656	2482011.64921	2083-06-01	0332
3076	2083	06	28.3451	2083.49102	2482038.84709	2083-06-28	0817
3077	2083	07	25.5479	2083.56550	2482066.05016	2083-07-25	1309
3078	2083	08	21.7750	2083.64004	2482093.27699	2083-08-21	1836
3079	2083	09	18.0306	2083.71466	2482120.53296	2083-09-18	0044
3080	2083	10	15.3111	2083.78935	2482147.81329	2083-10-15	0728
3081	2083	11	11.6090	2083.86409	2482175.11135	2083-11-11	1437
3082	2083	12	08.9222	2083.93887	2482202.42464	2083-12-08	2208