

ALPO Solar Section Beginning Dates of Carrington Rotation Number
 Ephemeris Computed by Brad Timerson, A.L.P.O. Solar Section
 Computed in August, 2015

Carrington Rotation Number	Begins on Year Month Day	Decimal Day	Julian Day
2166	2015 7 14.83820	2015.53275	2457218.338203
2167	2015 8 11.05490	2015.60727	2457245.554895
2168	2015 9 7.30027	2015.68186	2457272.800271
2169	2015 10 4.57246	2015.75653	2457300.072455
2170	2015 10 31.86452	2015.83125	2457327.364522
2171	2015 11 28.17219	2015.90602	2457354.672191
2172	2015 12 25.49528	2015.98082	2457381.995281
2173	2016 1 21.83216	2016.05567	2457409.332162
2174	2016 2 18.17298	2016.13052	2457436.672980
2175	2016 3 16.49895	2016.20534	2457463.998954
2176	2016 4 12.79020	2016.28006	2457491.290195
2177	2016 5 10.03731	2016.35465	2457518.537307
2178	2016 6 6.24827	2016.42915	2457545.748269
2179	2016 7 3.44516	2016.50361	2457572.945155
2180	2016 7 30.65267	2016.57810	2457600.152674
2181	2016 8 26.88647	2016.65267	2457627.386466
2182	2016 9 23.14890	2016.72731	2457654.648903
2183	2016 10 20.43396	2016.80201	2457681.933959
2184	2016 11 16.73570	2016.87676	2457709.235702
2185	2016 12 14.05269	2016.95155	2457736.552692
2186	2017 1 10.38478	2017.02638	2457763.884783
2187	2017 2 6.72589	2017.10123	2457791.225894
2188	2017 3 6.06024	2017.17607	2457818.560244
2189	2017 4 2.36703	2017.25083	2457845.867028
2190	2017 4 29.63148	2017.32548	2457873.131476
2191	2017 5 26.85455	2017.40001	2457900.354548
2192	2017 6 23.05385	2017.47448	2457927.553848
2193	2017 7 20.25464	2017.54895	2457954.754641
2194	2017 8 16.47715	2017.62348	2457981.977151
2195	2017 9 12.72881	2017.69809	2458009.228812
2196	2017 10 10.00589	2017.77277	2458036.505894
2197	2017 11 6.30153	2017.84751	2458063.801530
2198	2017 12 3.61249	2017.92228	2458091.112489
2199	2017 12 30.93891	2017.99709	2458118.438907
2200	2018 1 27.27783	2018.07194	2458145.777835
2201	2018 2 23.61724	2018.14680	2458173.117239
2202	2018 3 22.93718	2018.22159	2458200.437184
2203	2018 4 19.21910	2018.29629	2458227.719104
2204	2018 5 16.45709	2018.37086	2458254.957094
2205	2018 6 12.66283	2018.44535	2458282.162832
2206	2018 7 9.86009	2018.51981	2458309.360091
2207	2018 8 6.07244	2018.59431	2458336.572438
2208	2018 9 2.31265	2018.66889	2458363.812652
2209	2018 9 29.58062	2018.74355	2458391.080624
2210	2018 10 26.86966	2018.81826	2458418.369662
2211	2018 11 23.17469	2018.89302	2458445.674690
2212	2018 12 20.49506	2018.96782	2458472.995059

2213	2019	1	16.82995	2019.04266	2458500.329947
2214	2019	2	13.17124	2019.11751	2458527.671238
2215	2019	3	12.50136	2019.19234	2458555.001361
2216	2019	4	8.79979	2019.26708	2458582.299787
2217	2019	5	6.05455	2019.34170	2458609.554551
2218	2019	6	2.27052	2019.41621	2458636.770521
2219	2019	6	29.46799	2019.49067	2458663.967986
2220	2019	7	26.67215	2019.56515	2458691.172151
2221	2019	8	22.90082	2019.63970	2458718.400822
2222	2019	9	19.15856	2019.71433	2458745.658558
2223	2019	10	16.44019	2019.78902	2458772.940186
2224	2019	11	12.73924	2019.86376	2458800.239242
2225	2019	12	10.05352	2019.93854	2458827.553524
2226	2020	1	6.38316	2020.01337	2458854.883158
2227	2020	2	2.72356	2020.08822	2458882.223564
2228	2020	3	1.06058	2020.16307	2458909.560579
2229	2020	3	28.37358	2020.23785	2458936.873577
2230	2020	4	24.64588	2020.31251	2458964.145877
2231	2020	5	21.87532	2020.38706	2458991.375316
2232	2020	6	18.07700	2020.46154	2459018.576999
2233	2020	7	15.27578	2020.53600	2459045.775781
2234	2020	8	11.49356	2020.61052	2459072.993564
2235	2020	9	7.74017	2020.68512	2459100.240166
2236	2020	10	5.01333	2020.75979	2459127.513325
2237	2020	11	1.30610	2020.83451	2459154.806096
2238	2020	11	28.61440	2020.90928	2459182.114399
2239	2020	12	25.93814	2020.98409	2459209.438137
2240	2021	1	22.27545	2021.05893	2459236.775453
2241	2021	2	18.61607	2021.13379	2459264.116071
2242	2021	3	17.94096	2021.20860	2459291.440955
2243	2021	4	14.23043	2021.28331	2459318.730427
2244	2021	5	11.47574	2021.35791	2459345.975740
2245	2021	6	7.68560	2021.43240	2459373.185605
2246	2021	7	4.88247	2021.50687	2459400.382471
2247	2021	8	1.09087	2021.58136	2459427.590868
2248	2021	8	28.32590	2021.65592	2459454.825898
2249	2021	9	24.58943	2021.73057	2459482.089431
2250	2021	10	21.87528	2021.80527	2459509.375277
2251	2021	11	18.17766	2021.88002	2459536.677658
2252	2021	12	15.49530	2021.95481	2459563.995300
2253	2022	1	11.82796	2022.02965	2459591.327956
2254	2022	2	8.16916	2022.10450	2459618.669163
2255	2022	3	7.50278	2022.17934	2459646.002776
2256	2022	4	3.80800	2022.25409	2459673.307999
2257	2022	5	1.07057	2022.32874	2459700.570567
2258	2022	5	28.29219	2022.40326	2459727.792195
2259	2022	6	24.49104	2022.47773	2459754.991043
2260	2022	7	21.69241	2022.55220	2459782.192414
2261	2022	8	17.91609	2022.62674	2459809.416093
2262	2022	9	14.16895	2022.70135	2459836.668947
2263	2022	10	11.44693	2022.77604	2459863.946934
2264	2022	11	7.74324	2022.85077	2459891.243241
2265	2022	12	5.05484	2022.92554	2459918.554838
2266	2023	1	1.38189	2023.00036	2459945.881889

2267	2023	1	28.72115	2023.07521	2459973.221150
2268	2023	2	25.06017	2023.15006	2460000.560170
2269	2023	3	24.37884	2023.22486	2460027.878842
2270	2023	4	20.65892	2023.29955	2460055.158921
2271	2023	5	17.89521	2023.37411	2460082.395208
2272	2023	6	14.10007	2023.44860	2460109.600070
2273	2023	7	11.29754	2023.52306	2460136.797536
2274	2023	8	7.51089	2023.59757	2460164.010891
2275	2023	9	3.75234	2023.67215	2460191.252345
2276	2023	10	1.02135	2023.74681	2460218.521347
2277	2023	10	28.31112	2023.82152	2460245.811124
2278	2023	11	24.61678	2023.89628	2460273.116785
2279	2023	12	21.93781	2023.97108	2460300.437806
2280	2024	1	18.27320	2024.04592	2460327.773196
2281	2024	2	14.61443	2024.12078	2460355.114426
2282	2024	3	12.94361	2024.19560	2460382.443615
2283	2024	4	9.24035	2024.27034	2460409.740353
2284	2024	5	6.49327	2024.34495	2460436.993266
2285	2024	6	2.70797	2024.41946	2460464.207975
2286	2024	6	29.90523	2024.49392	2460491.405229
2287	2024	7	27.11015	2024.56841	2460518.610149
2288	2024	8	23.34004	2024.64296	2460545.840037
2289	2024	9	19.59892	2024.71759	2460573.098917
2290	2024	10	16.88138	2024.79228	2460600.381384
2291	2024	11	13.18109	2024.86703	2460627.681088
2292	2024	12	10.49602	2024.94181	2460654.996017
2293	2025	1	6.82625	2025.01664	2460682.326253
2294	2025	2	3.16687	2025.09149	2460709.666870
2295	2025	3	2.50331	2025.16633	2460737.003307
2296	2025	3	29.81486	2025.24111	2460764.314863
2297	2025	4	26.08529	2025.31577	2460791.585286
2298	2025	5	23.31315	2025.39032	2460818.813153
2299	2025	6	19.51419	2025.46479	2460846.014192
2300	2025	7	16.71339	2025.53926	2460873.213395