

EPHEMERIDES

6 25.9

6 26.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
78814	2003 <i>PX</i> ₃		6 25.9 265°71	1°3/26.1	18		5326	Vittoriosacco		6 25.9 342°78	11°5/27.3	18	
5 21	18 43.13	-18 53.4	2.806	3.638	10.4	20.2	5 21	18 41.84	+ 0 55.1	1.446	2.263	19.0	16.3
5 31	18 38.43	-18 49.8	2.700	3.616	8.0	20.0	5 31	18 38.50	+ 1 57.1	1.376	2.257	16.4	16.1
6 10	18 32.14	-18 48.9	2.619	3.595	5.2	19.8	6 10	18 32.67	+ 2 37.7	1.325	2.251	13.9	16.0
6 20	18 24.69	-18 50.4	2.565	3.573	2.4	19.6	6 20	18 25.00	+ 2 51.0	1.293	2.245	12.0	15.8
6 30	18 16.69	-18 53.9	2.539	3.551	1.8	19.5	6 30	18 16.53	+ 2 33.7	1.283	2.240	11.6	15.8
7 10	18 8.83	-18 58.9	2.542	3.529	4.7	19.7	7 10	18 8.45	+ 1 46.4	1.294	2.236	12.9	15.9
7 20	18 1.77	-19 5.4	2.572	3.506	7.7	19.8	7 20	18 1.87	+ 0 33.4	1.326	2.233	15.3	16.0
7 30	17 56.12	-19 13.3	2.628	3.483	10.4	20.0	7 30	17 57.65	- 0 58.6	1.378	2.230	18.1	16.2
174556	2003 <i>FT</i> ₉₅		6 25.9 151°04	4°6/25.8	18		57125	2001 <i>OA</i> ₁₀₃		6 25.9 147°89	2°9/26.1	18	
5 21	18 49.42	-37 52.8	2.483	3.304	11.9	20.5	5 21	18 48.74	-32 33.6	2.151	2.988	12.9	17.9
5 31	18 43.49	-38 19.3	2.408	3.309	9.5	20.3	5 31	18 43.10	-32 31.9	2.073	2.990	10.0	17.7
6 10	18 35.44	-38 37.8	2.357	3.313	7.0	20.2	6 10	18 35.25	-32 23.8	2.018	2.991	6.8	17.5
6 20	18 25.94	-38 44.8	2.331	3.317	5.0	20.1	6 20	18 25.89	-32 6.8	1.988	2.992	3.7	17.3
6 30	18 15.90	-38 38.2	2.332	3.321	4.9	20.1	6 30	18 15.99	-31 39.7	1.986	2.993	3.3	17.3
7 10	18 6.35	-38 18.0	2.361	3.325	6.6	20.2	7 10	18 6.62	-31 3.5	2.011	2.994	6.1	17.5
7 20	17 58.17	-37 46.2	2.416	3.328	9.1	20.3	7 20	17 58.72	-30 20.5	2.062	2.995	9.3	17.7
7 30	17 52.06	-37 6.2	2.495	3.332	11.4	20.5	7 30	17 52.98	-29 34.0	2.137	2.996	12.3	17.9
159892	2004 <i>TC</i> ₆₆		6 25.9 254°13	1°3/26.1	18		281687	2008 <i>WA</i> ₃₄		6 25.9 24°74	1°6/26.1	17	
5 21	18 47.41	-19 8.3	2.187	3.023	12.7	21.4	5 21	18 45.74	-19 46.1	1.727	2.580	14.8	20.9
5 31	18 42.17	-19 13.3	2.084	3.002	9.9	21.1	5 31	18 41.12	-19 32.5	1.654	2.581	11.4	20.7
6 10	18 34.80	-19 22.5	2.003	2.980	6.5	20.9	6 10	18 34.15	-19 22.2	1.602	2.583	7.4	20.4
6 20	18 25.79	-19 34.8	1.949	2.958	2.8	20.6	6 20	18 25.51	-19 15.0	1.575	2.585	3.2	20.2
6 30	18 15.94	-19 49.2	1.922	2.935	2.0	20.5	6 30	18 16.22	-19 10.4	1.574	2.587	2.4	20.1
7 10	18 6.23	-20 4.7	1.924	2.912	5.8	20.7	7 10	18 7.43	-19 8.3	1.599	2.589	6.5	20.4
7 20	17 57.60	-20 20.8	1.952	2.888	9.6	20.9	7 20	18 0.12	-19 8.9	1.649	2.592	10.5	20.6
7 30	17 50.86	-20 37.3	2.004	2.863	13.0	21.1	7 30	17 55.08	-19 12.2	1.721	2.594	14.1	20.8
320339	2007 <i>TC</i> ₁₄₆		6 25.9 205°60	0°5/26.0	17		314091	2005 <i>DS</i> ₁		6 25.9 61°92	0°9/26.0	17	
5 21	18 50.73	-21 57.5	1.874	2.715	14.3	22.0	5 21	18 51.21	-26 1.1	1.298	2.163	18.1	20.5
5 31	18 44.48	-21 56.4	1.788	2.710	11.0	21.8	5 31	18 45.76	-25 55.1	1.249	2.183	13.7	20.3
6 10	18 36.57	-21 57.1	1.725	2.704	7.1	21.6	6 10	18 37.22	-25 47.0	1.219	2.203	8.7	20.0
6 20	18 26.45	-21 58.1	1.687	2.698	2.8	21.3	6 20	18 26.65	-25 34.7	1.211	2.223	3.4	19.8
6 30	18 15.53	-21 58.1	1.676	2.691	1.9	21.2	6 30	18 15.54	-25 17.1	1.229	2.243	2.4	19.8
7 10	18 5.00	-21 56.8	1.693	2.683	6.3	21.5	7 10	18 5.46	-24 55.1	1.271	2.264	7.4	20.1
7 20	17 55.93	-21 54.6	1.736	2.674	10.4	21.7	7 20	17 57.63	-24 31.1	1.337	2.284	12.1	20.5
7 30	17 49.18	-21 52.5	1.802	2.665	14.0	21.9	7 30	17 52.86	-24 7.7	1.423	2.305	16.0	20.7
178507	1999 <i>TV</i> ₁₅₁		6 25.9 290°01	5°0/26.3	18		363220	2001 <i>VN</i> ₈₀		6 25.9 212°35	2°2/26.0	17	
5 21	18 45.61	-13 8.0	1.474	2.326	17.0	19.7	5 21	18 50.51	-19 17.4	1.649	2.496	15.7	21.2
5 31	18 41.55	-12 39.2	1.389	2.311	13.5	19.4	5 31	18 44.95	-18 53.4	1.567	2.490	12.2	21.0
6 10	18 34.75	-12 19.8	1.323	2.296	9.6	19.1	6 10	18 36.73	-18 32.2	1.506	2.485	8.0	20.7
6 20	18 25.85	-12 11.6	1.280	2.281	5.9	18.9	6 20	18 26.55	-18 14.0	1.469	2.478	3.7	20.5
6 30	18 15.91	-12 15.9	1.262	2.266	5.3	18.8	6 30	18 15.51	-17 58.8	1.459	2.471	2.9	20.4
7 10	18 6.27	-12 32.3	1.267	2.251	8.7	19.0	7 10	18 4.94	-17 47.1	1.476	2.464	7.2	20.6
7 20	17 58.18	-12 59.3	1.296	2.237	13.0	19.2	7 20	17 55.98	-17 39.6	1.517	2.456	11.6	20.9
7 30	17 52.66	-13 34.9	1.345	2.222	17.0	19.4	7 30	17 49.56	-17 36.8	1.580	2.447	15.4	21.1
58715	1998 <i>DK</i> ₃		6 25.9 186°58	2°0/26.2	18		365434	2010 <i>LX</i> ₁₀₂		6 26.0 296°45	8°1/26.3	18	
5 21	18 47.54	-17 9.7	2.402	3.230	12.0	20.5	5 21	18 44.92	- 7 34.3	1.401	2.245	18.2	21.3
5 31	18 41.85	-17 3.7	2.317	3.229	9.3	20.3	5 31	18 41.31	- 6 48.8	1.306	2.217	15.0	21.0
6 10	18 34.33	-17 1.9	2.255	3.229	6.1	20.1	6 10	18 34.82	- 6 16.8	1.230	2.189	11.6	20.8
6 20	18 25.52	-17 4.0	2.220	3.227	3.0	19.9	6 20	18 25.98	- 6 2.8	1.175	2.161	8.8	20.5
6 30	18 16.18	-17 9.4	2.214	3.225	2.4	19.8	6 30	18 15.82	- 6 10.4	1.142	2.133	8.3	20.4
7 10	18 7.15	-17 17.7	2.237	3.221	5.4	20.0	7 10	18 5.72	- 6 40.1	1.133	2.105	11.0	20.5
7 20	17 59.19	-17 28.6	2.286	3.218	8.6	20.2	7 20	17 57.06	- 7 29.8	1.145	2.077	15.1	20.6
7 30	17 52.95	-17 41.7	2.360	3.213	11.5	20.4	7 30	17 51.04	- 8 35.4	1.177	2.050	19.2	20.8
389080	2008 <i>WZ</i> ₁₂₄		6 25.9 254°42	0°2/25.9	18		417591	2006 <i>VE</i> ₆₄		6 26.0 137°60	0°1/25.9	17	
5 21	18 47.17	-23 48.7	2.061	2.905	13.1	21.8	5 21	18 49.61	-22 46.5	1.846	2.691	14.4	22.0
5 31	18 42.08	-23 48.6	1.968	2.891	10.1	21.5	5 31	18 43.93	-23 0.2	1.776	2.700	10.9	21.8
6 10	18 34.74	-23 48.8	1.897	2.877	6.5	21.3	6 10	18 35.88	-23 15.8	1.728	2.709	7.0	21.6
6 20	18 25.75	-23 47.8	1.851	2.863	2.5	21.0	6 20	18 26.17	-23 31.2	1.706	2.717	2.7	21.3
6 30	18 16.00	-23 44.4	1.833	2.848	1.7	20.9	6 30	18 15.83	-23 44.3	1.710	2.725	1.8	21.3
7 10	18 6.53	-23 38.4	1.843	2.832	5.8	21.2	7 10	18 6.01	-23 54.4	1.742	2.732	6.1	21.6
7 20	17 58.31	-23 30.3	1.878	2.817	9.7	21.4	7 20	17 57.72	-24 1.4	1.800	2.739	10.0	21.8
7 30	17 52.16	-23 21.4	1.937	2.801	13.1	21.5	7 30	17 51.73	-24 6.3	1.881	2.746	13.4	22.0
349314	2007 <i>UG</i> ₈₁		6 25.9 296°22	2°7/26.2	16		503585	2016 <i>GX</i> ₅₅		6 26.0 163°07	2°7/26.2	17	
5 21	18 44.33	-16 20.2	1.878	2.724	14.1	21.4	5 21	18 49.49	-17 11.9	1.593	2.441	16.1	22.0
5 31	18 39.96	-16 10.5	1.794	2.716	11.0	21.2	5 31	18 44.13	-16 56.9	1.521	2.444	12.5	21.8
6 10	18 33.39	-16 7.1	1.732	2.708	7.4	21.0	6 10	18 36.16	-16 47.9	1.470	2.447	8.3	21.6
6 20	18 25.23	-16 9.8	1.694	2.700	3.8	20.8	6 20	18 26.32	-16 44.8	1.443	2.450	4.1	21.3
6 30	18 16.36	-16 18.5	1.683	2.693	3.1	20.7	6 30	18 15.73	-16 47.3	1.441	2.452	3.3	21.3
7 10	18 7.81	-16 32.4	1.698	2.685	6.5	20.9	7 10	18 5.68	-16 54.9	1.466	2.454	7.3	21.5
7 20	18 0.53	-16 50.7	1.738	2.678	10.3	21.1	7 20	17 57.28	-17 6.9	1.515	2.455	11.5	21.8
7 30	17 55.30	-17 12.6	1.801	2.670	13.7	21.3	7 30	17 51.41	-17 22.8	1.586	2.456	15.2	22.0
158983	2004 <i>RX</i> ₃₁₁		6 25.9 350°04	3°9/26.6	18		177355						

EPHEMERIDES

6 26.0

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
228583	2001 YA ₁₂₁		6 26.0 196°67	0°1/25.9	18		189316	2006 UQ ₃₃₆		6 26.0 2°15	0°5/26.1	17	
5 21	18 48.18	-21 3.5	1.978	2.820	13.7	20.8	5 21	18 42.85	-21 0.1	1.145	2.028	18.7	19.4
5 31	18 42.89	-21 40.5	1.896	2.819	10.4	20.6	5 31	18 40.05	-21 17.1	1.082	2.026	14.3	19.1
6 10	18 35.29	-22 22.2	1.837	2.817	6.7	20.4	6 10	18 34.04	-21 40.5	1.037	2.025	9.2	18.8
6 20	18 26.00	-23 6.2	1.803	2.814	2.6	20.1	6 20	18 25.64	-22 8.0	1.013	2.025	3.6	18.5
6 30	18 15.93	-23 49.3	1.797	2.812	1.7	20.0	6 30	18 16.21	-22 36.5	1.012	2.027	2.4	18.4
7 10	18 6.16	-24 29.2	1.819	2.809	5.9	20.3	7 10	18 7.42	-23 3.5	1.034	2.030	8.0	18.8
7 20	17 57.71	-25 4.6	1.867	2.805	9.8	20.5	7 20	18 0.71	-23 27.7	1.077	2.034	13.2	19.1
7 30	17 51.38	-25 35.2	1.939	2.802	13.2	20.7	7 30	17 57.11	-23 48.9	1.139	2.039	17.7	19.4
161358	2003 SC ₁₆₃		6 26.0 318°01	1°2/26.1	17		506558	2005 SP ₁₅₄		6 26.0 177°62	7°9/24.9	18	
5 21	18 45.04	-19 54.8	1.745	2.599	14.7	20.1	5 21	18 55.02	-50 47.6	2.881	3.646	11.7	22.4
5 31	18 40.70	-19 55.5	1.665	2.593	11.3	19.9	5 31	18 48.08	-51 44.8	2.810	3.648	10.2	22.3
6 10	18 33.97	-20 0.4	1.606	2.587	7.3	19.6	6 10	18 38.58	-52 29.2	2.760	3.649	8.9	22.2
6 20	18 25.51	-20 8.5	1.571	2.582	3.1	19.4	6 20	18 27.24	-52 55.7	2.735	3.649	8.0	22.2
6 30	18 16.27	-20 18.8	1.563	2.577	2.2	19.3	6 30	18 15.16	-53 1.0	2.735	3.650	8.0	22.2
7 10	18 7.42	-20 30.2	1.581	2.572	6.4	19.5	7 10	18 3.57	-52 44.7	2.760	3.650	8.9	22.2
7 20	17 59.99	-20 42.4	1.623	2.567	10.6	19.8	7 20	17 53.60	-52 9.1	2.809	3.649	10.2	22.3
7 30	17 54.82	-20 55.2	1.687	2.562	14.2	20.0	7 30	17 46.07	-51 18.7	2.880	3.648	11.7	22.4
308837	2006 RW ₄₈		6 26.0 201°06	3°8/25.5	18		427624	2003 UN ₈₁		6 26.0 298°83	1°7/25.7	18	
5 21	18 48.66	-36 5.5	2.906	3.723	10.4	22.6	5 21	18 48.00	-23 38.9	1.385	2.250	17.1	20.6
5 31	18 42.72	-36 37.5	2.818	3.719	8.3	22.5	5 31	18 44.26	-24 27.0	1.282	2.217	13.4	20.2
6 10	18 34.92	-37 3.8	2.755	3.714	6.0	22.3	6 10	18 37.12	-25 23.1	1.199	2.184	8.8	19.9
6 20	18 25.79	-37 21.4	2.718	3.708	4.2	22.2	6 20	18 27.04	-26 23.1	1.139	2.150	3.7	19.5
6 30	18 16.09	-37 28.1	2.710	3.702	4.1	22.2	6 30	18 15.12	-27 21.1	1.103	2.117	3.1	19.4
7 10	18 6.69	-37 23.3	2.731	3.695	5.8	22.3	7 10	18 3.02	-28 12.1	1.092	2.083	8.6	19.6
7 20	17 58.36	-37 8.0	2.778	3.688	8.1	22.4	7 20	17 52.50	-28 53.2	1.103	2.049	14.2	19.8
7 30	17 51.76	-36 44.5	2.850	3.680	10.3	22.6	7 30	17 45.10	-29 24.7	1.134	2.016	19.2	20.0
477671	2010 OH ₈₅		6 26.0 242°70	5°3/26.0	18		437493	2013 Y7 ₆₁		6 26.0 20°38	1°4/25.9	17	
5 21	18 42.47	-7 21.8	2.639	3.447	11.6	21.4	5 21	18 47.30	-26 41.9	1.830	2.681	14.2	21.5
5 31	18 37.87	-6 36.2	2.550	3.438	9.5	21.2	5 31	18 42.36	-26 52.5	1.755	2.682	10.9	21.2
6 10	18 31.75	-5 58.4	2.484	3.429	7.3	21.1	6 10	18 34.99	-27 1.8	1.701	2.682	7.0	21.0
6 20	18 24.57	-5 30.3	2.443	3.419	5.6	21.0	6 20	18 25.90	-27 7.2	1.672	2.682	3.0	20.8
6 30	18 16.92	-5 13.5	2.430	3.409	5.4	20.9	6 30	18 16.11	-27 6.9	1.670	2.683	2.3	20.7
7 10	18 9.49	-5 8.3	2.444	3.399	6.9	21.0	7 10	18 6.80	-27 0.6	1.694	2.683	6.3	21.0
7 20	18 2.92	-5 14.5	2.484	3.389	9.1	21.1	7 20	17 59.02	-26 49.3	1.743	2.684	10.2	21.2
7 30	17 57.74	-5 30.6	2.547	3.379	11.4	21.3	7 30	17 53.57	-26 34.9	1.815	2.684	13.6	21.4
507144	2009 WC ₁₁₉		6 26.0 333°10	2°6/26.0	17		435639	2008 SX ₁₈₇		6 26.0 313°60	6°8/25.3	16	
5 21	18 45.75	-18 51.1	1.528	2.387	16.1	21.1	5 21	18 49.16	-37 25.4	1.608	2.455	16.0	21.4
5 31	18 41.46	-18 20.2	1.452	2.382	12.5	20.8	5 31	18 44.70	-38 20.1	1.528	2.443	13.0	21.1
6 10	18 34.55	-17 52.7	1.397	2.378	8.3	20.6	6 10	18 37.01	-39 6.9	1.468	2.431	9.8	20.9
6 20	18 25.74	-17 29.3	1.365	2.373	4.0	20.3	6 20	18 26.82	-39 39.0	1.431	2.420	7.3	20.7
6 30	18 16.14	-17 10.8	1.358	2.370	3.3	20.3	6 30	18 15.44	-39 50.8	1.419	2.408	7.2	20.7
7 10	18 7.03	-16 57.7	1.377	2.366	7.4	20.5	7 10	18 4.54	-39 40.6	1.430	2.397	9.7	20.8
7 20	17 59.56	-16 50.6	1.419	2.363	11.8	20.7	7 20	17 55.61	-39 10.8	1.464	2.387	13.1	21.0
7 30	17 54.60	-16 49.6	1.482	2.360	15.6	21.0	7 30	17 49.78	-38 27.0	1.519	2.377	16.4	21.2
476115	2007 TL ₁₇₉		6 26.0 285°60	4°9/24.9	17		157307	2004 SA ₂₉		6 26.0 278°57	0°1/26.0	17	
5 21	18 50.31	-33 30.0	2.064	2.900	13.4	21.6	5 21	18 46.88	-23 11.0	1.765	2.617	14.6	20.7
5 31	18 45.11	-34 33.1	1.955	2.868	10.7	21.3	5 31	18 42.22	-23 11.9	1.676	2.605	11.2	20.5
6 10	18 37.14	-35 34.7	1.869	2.835	7.7	21.1	6 10	18 35.05	-23 14.0	1.610	2.592	7.2	20.2
6 20	18 26.87	-36 29.1	1.808	2.802	5.3	20.9	6 20	18 25.98	-23 15.8	1.568	2.579	2.8	19.9
6 30	18 15.26	-37 11.0	1.773	2.769	5.4	20.8	6 30	18 16.04	-23 15.7	1.552	2.566	1.9	19.8
7 10	18 3.60	-37 36.9	1.766	2.735	8.1	20.9	7 10	18 6.43	-23 13.5	1.562	2.554	6.5	20.1
7 20	17 53.19	-37 46.4	1.784	2.700	11.5	21.0	7 20	17 58.28	-23 9.4	1.598	2.541	10.8	20.3
7 30	17 45.20	-37 42.1	1.824	2.666	14.8	21.2	7 30	17 52.48	-23 4.7	1.655	2.528	14.6	20.5
169110	2001 OF ₃₄		6 26.0 269°47	2°5/25.6	18		437040	2012 TN ₃₁₃		6 26.0 302°63	1°2/26.2	18	
5 21	18 48.43	-29 26.5	2.481	3.313	11.5	21.0	5 21	18 44.97	-19 39.3	1.636	2.493	15.3	21.2
5 31	18 42.98	-30 0.6	2.369	3.284	9.0	20.8	5 31	18 41.04	-19 48.0	1.542	2.472	11.9	20.9
6 10	18 35.37	-30 33.5	2.281	3.255	6.0	20.5	6 10	18 34.46	-20 2.3	1.469	2.451	7.8	20.6
6 20	18 26.07	-31 2.1	2.220	3.225	3.2	20.3	6 20	18 25.83	-20 21.2	1.420	2.431	3.2	20.3
6 30	18 15.86	-31 23.5	2.187	3.194	3.0	20.2	6 30	18 16.12	-20 42.9	1.396	2.410	2.2	20.2
7 10	18 5.70	-31 36.1	2.182	3.163	5.9	20.4	7 10	18 6.61	-21 5.8	1.397	2.390	7.0	20.4
7 20	17 56.56	-31 40.0	2.205	3.131	9.1	20.5	7 20	17 58.50	-21 28.8	1.423	2.370	11.6	20.6
7 30	17 49.26	-31 36.5	2.252	3.099	12.2	20.6	7 30	17 52.82	-21 51.6	1.470	2.350	15.7	20.8
250789	2005 TT ₇₇		6 26.0 182°80	5°8/24.9	18		514188	2015 MO ₈₅		6 26.0 288°20	5°5/27.6	18	
5 21	18 49.92	-41 39.6	2.802	3.608	11.1	21.0	5 21	18 43.84	-5 0.4	2.224	3.031	13.5	21.6
5 31	18 43.94	-42 35.6	2.725	3.608	9.1	20.9	5 31	18 39.30	-5 13.0	2.130	3.018	11.1	21.4
6 10	18 35.83	-43 23.6	2.671	3.608	7.2	20.7	6 10	18 32.90	-5 40.2	2.058	3.005	8.5	21.2
6 20	18 26.18	-43 59.3	2.643	3.608	5.9	20.7	6 20	18 25.11	-6 22.9	2.011	2.992	6.2	21.1
6 30	18 15.84	-44 19.4	2.642	3.607	5.9	20.7	6 30	18 16.64	-7 20.7	1.990	2.979	5.6	21.0
7 10	18 5.82	-44 23.1	2.668	3.606	7.3	20.7	7 10	18 8.33	-8 31.1	1.997	2.966	7.2	21.1
7 20	17 57.03	-44 11.7	2.720	3.605	9.2	20.9	7 20	18 0.99	-9 50.8	2.030	2.953	10.0	21.2
7 30	17 50.23	-43 48.1	2.795	3.603	11.1	21.0	7 30	17 55.31	-11 16.1	2.087	2.940	12.8	21.4
265636	2005 SJ ₂₈₉		6 26.0 191°32	0°3/25.9	17		46083	2001 ED ₁₀		6 26.0 342°68	7°5/27.0	18	
5 21													

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6 26.0

6 26.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
507862	2014 <i>HN</i> ₁₆₈		6 26.0	73°31'	6°2/26.1	17	50175	2000 <i>AQ</i> ₁₆₁		6 26.0	225°63'	7°2/25.4	18
5 21	18 44.58	- 7 7.1	2.201	3.014	13.4	20.6	5 21	18 55.65	-40 50.1	1.931	2.750	14.8	19.4
5 31	18 39.52	- 6 3.8	2.143	3.033	10.9	20.4	5 31	18 49.29	-41 41.2	1.847	2.741	12.2	19.2
6 10	18 32.79	- 5 10.3	2.107	3.051	8.4	20.3	6 10	18 39.77	-42 22.1	1.784	2.731	9.5	19.0
6 20	18 24.97	- 4 29.3	2.096	3.069	6.6	20.2	6 20	18 27.88	-42 46.2	1.746	2.721	7.5	18.8
6 30	18 16.82	- 4 2.8	2.111	3.088	6.4	20.3	6 30	18 14.90	-42 48.3	1.733	2.710	7.4	18.8
7 10	18 9.14	- 3 51.0	2.153	3.106	7.9	20.4	7 10	18 2.42	-42 27.4	1.746	2.699	9.4	18.9
7 20	18 2.60	- 3 53.2	2.220	3.124	10.1	20.6	7 20	17 51.87	-41 46.5	1.783	2.687	12.2	19.0
7 30	17 57.75	- 4 7.4	2.310	3.142	12.4	20.7	7 30	17 44.30	-40 51.6	1.842	2.674	15.1	19.2
367302	2007 <i>VF</i> ₂₉₉		6 26.0	191°42'	2°4/26.8	17	277471	2005 <i>VP</i> ₉₉		6 26.0	202°90'	0°3/26.1	18
5 21	18 51.78	-12 44.3	1.933	2.755	14.7	20.7	5 21	18 44.09	-21 36.1	2.423	3.263	11.5	21.4
5 31	18 45.67	-13 36.9	1.846	2.754	11.5	20.4	5 31	18 39.35	-21 46.9	2.341	3.262	8.8	21.2
6 10	18 37.14	-14 42.5	1.782	2.752	7.7	20.2	6 10	18 32.84	-21 59.8	2.281	3.261	5.6	21.0
6 20	18 26.79	-15 59.1	1.744	2.750	3.9	20.0	6 20	18 25.08	-22 13.7	2.249	3.260	2.2	20.8
6 30	18 15.54	-17 22.8	1.736	2.747	2.8	19.9	6 30	18 16.79	-22 27.3	2.244	3.258	1.4	20.7
7 10	18 4.52	-18 49.0	1.756	2.743	6.4	20.1	7 10	18 8.80	-22 39.9	2.268	3.257	4.9	21.0
7 20	17 54.79	-20 13.7	1.804	2.738	10.3	20.3	7 20	18 1.84	-22 51.2	2.318	3.256	8.2	21.2
7 30	17 47.24	-21 34.1	1.877	2.733	13.8	20.5	7 30	17 56.54	-23 1.3	2.392	3.254	11.0	21.3
102148	1999 <i>RA</i> ₁₉₅		6 26.0	170°21'	0°1/26.0	18	276014	2001 <i>YG</i> ₁₀₇		6 26.0	238°34'	2°0/26.3	18
5 21	18 52.49	-25 5.2	1.815	2.657	14.7	19.6	5 21	18 47.59	-16 32.0	2.166	2.998	13.0	20.7
5 31	18 46.16	-24 36.5	1.738	2.660	11.2	19.4	5 31	18 42.31	-16 39.5	2.069	2.983	10.1	20.5
6 10	18 37.34	-24 5.1	1.683	2.663	7.2	19.2	6 10	18 34.92	-16 53.2	1.994	2.968	6.7	20.3
6 20	18 27.79	-23 30.0	1.654	2.665	2.8	18.9	6 20	18 25.95	-17 12.4	1.944	2.951	3.3	20.0
6 30	18 15.63	-22 51.6	1.653	2.667	1.8	18.8	6 30	18 16.18	-17 36.2	1.923	2.934	2.5	19.9
7 10	18 5.08	-22 11.3	1.679	2.668	6.3	19.1	7 10	18 6.58	-18 3.1	1.930	2.917	5.9	20.1
7 20	17 56.20	-21 31.8	1.731	2.669	10.4	19.4	7 20	17 58.08	-18 32.1	1.964	2.899	9.6	20.3
7 30	17 49.76	-20 55.4	1.806	2.669	14.0	19.6	7 30	17 51.45	-19 2.2	2.021	2.880	12.9	20.5
478646	2012 <i>TU</i> ₁₉₉		6 26.0	281°94'	8°8/24.1	18	121265	1999 <i>RT</i> ₁₀₆		6 26.0	252°06'	5°6/25.7	18
5 21	18 55.12	-44 20.8	2.025	2.834	14.6	21.3	5 21	18 51.55	-42 50.7	2.849	3.648	11.1	20.7
5 31	18 49.35	-45 35.0	1.923	2.803	12.4	21.1	5 31	18 45.21	-43 18.0	2.750	3.629	9.2	20.5
6 10	18 40.17	-46 40.0	1.843	2.773	10.4	20.9	6 10	18 36.69	-43 35.8	2.674	3.609	7.3	20.4
6 20	18 28.16	-47 27.7	1.786	2.741	9.0	20.8	6 20	18 26.60	-43 40.2	2.623	3.589	5.9	20.2
6 30	18 14.55	-47 50.9	1.754	2.709	9.1	20.7	6 30	18 15.80	-43 28.5	2.600	3.569	5.8	20.2
7 10	18 1.04	-47 46.5	1.747	2.677	10.9	20.7	7 10	18 5.33	-43 0.3	2.604	3.548	7.1	20.3
7 20	17 49.30	-47 16.3	1.763	2.645	13.4	20.8	7 20	17 56.13	-42 17.6	2.635	3.527	9.2	20.4
7 30	17 40.69	-46 25.8	1.800	2.612	16.2	20.9	7 30	17 48.96	-41 24.0	2.689	3.505	11.3	20.5
326284	1996 <i>XX</i> ₃		6 26.0	194°71'	1°8/25.8	17	13977	<i>Frisch</i>		6 26.0	322°43'	13°3/25.2	18
5 21	18 51.55	-26 34.3	1.951	2.790	13.9	22.6	5 21	18 41.43	+ 0 59.1	1.371	2.193	19.6	15.7
5 31	18 45.58	-27 3.5	1.868	2.788	10.7	22.4	5 31	18 38.49	+ 2 44.2	1.294	2.174	17.2	15.5
6 10	18 37.09	-27 32.5	1.807	2.785	7.0	22.1	6 10	18 32.90	+ 4 11.4	1.234	2.156	15.0	15.3
6 20	18 26.76	-27 57.8	1.773	2.782	3.1	21.9	6 20	18 25.28	+ 5 12.3	1.195	2.138	13.6	15.1
6 30	18 15.60	-28 16.7	1.766	2.778	2.5	21.8	6 30	18 16.63	+ 5 39.9	1.175	2.121	13.5	15.1
7 10	18 4.82	-28 27.5	1.786	2.773	6.4	22.1	7 10	18 8.26	+ 5 31.8	1.176	2.105	15.1	15.1
7 20	17 55.52	-28 30.9	1.833	2.767	10.2	22.3	7 20	18 1.37	+ 4 49.9	1.195	2.089	17.6	15.2
7 30	17 48.58	-28 28.6	1.903	2.760	13.6	22.5	7 30	17 56.97	+ 3 39.8	1.232	2.075	20.4	15.3
307155	2002 <i>CB</i> ₂₉₃		6 26.0	58°15'	3°1/26.4	16	163945	2003 <i>UJ</i> ₁₂		6 26.0	319°03'	3°1/25.6	18
5 21	18 43.20	-14 2.0	2.180	3.015	12.8	20.4	5 21	18 45.90	-28 45.1	1.620	2.480	15.3	19.8
5 31	18 38.71	-13 54.9	2.106	3.021	10.0	20.3	5 31	18 41.92	-29 24.4	1.535	2.466	11.9	19.5
6 10	18 32.42	-13 54.9	2.056	3.026	6.8	20.1	6 10	18 35.11	-30 3.1	1.472	2.453	8.0	19.2
6 20	18 24.89	-14 2.1	2.030	3.032	3.9	19.9	6 20	18 26.13	-30 36.7	1.432	2.440	4.1	19.0
6 30	18 16.87	-14 16.2	2.032	3.038	3.3	19.9	6 30	18 16.08	-31 1.2	1.418	2.427	3.8	18.9
7 10	18 9.22	-14 36.3	2.061	3.044	5.9	20.1	7 10	18 6.37	-31 14.3	1.429	2.415	7.6	19.1
7 20	18 2.66	-15 1.2	2.116	3.050	9.0	20.3	7 20	17 58.28	-31 16.5	1.463	2.404	11.8	19.3
7 30	17 57.84	-15 29.5	2.194	3.056	11.9	20.5	7 30	17 52.87	-31 10.1	1.518	2.393	15.6	19.6
247744	2003 <i>ME</i> ₉		6 26.0	341°02'	2°2/26.4	18	501736	2014 <i>UU</i> ₉₃		6 26.0	192°23'	2°5/26.2	17
5 21	18 48.37	-31 31.5	1.410	2.273	17.0	18.9	5 21	18 49.92	-17 14.6	1.919	2.755	14.3	22.9
5 31	18 43.91	-30 51.8	1.331	2.263	13.2	18.7	5 31	18 44.15	-16 57.3	1.837	2.753	11.1	22.7
6 10	18 36.33	-30 1.1	1.272	2.254	8.8	18.4	6 10	18 36.09	-16 44.6	1.777	2.751	7.4	22.5
6 20	18 26.50	-28 57.6	1.236	2.246	4.0	18.1	6 20	18 26.38	-16 36.5	1.742	2.748	3.7	22.2
6 30	18 15.83	-27 41.9	1.225	2.238	3.0	18.0	6 30	18 15.97	-16 32.9	1.735	2.745	3.0	22.2
7 10	18 5.90	-26 18.0	1.239	2.232	7.6	18.3	7 10	18 5.96	-16 33.7	1.755	2.740	6.5	22.4
7 20	17 58.05	-24 51.9	1.277	2.226	12.4	18.5	7 20	17 57.33	-16 38.6	1.801	2.735	10.3	22.6
7 30	17 53.20	-23 29.7	1.336	2.221	16.6	18.7	7 30	17 50.86	-16 47.6	1.870	2.729	13.7	22.8
180148	2003 <i>GB</i> ₁₄		6 26.0	7°16'	2°1/25.6	17	201228	2002 <i>QZ</i> ₁₀₅		6 26.0	200°18'	1°1/26.3	18
5 21	18 42.09	-25 11.5	1.487	2.358	15.8	18.9	5 21	18 46.10	-18 23.8	2.361	3.195	12.0	21.0
5 31	18 38.93	-26 1.0	1.422	2.360	12.1	18.7	5 31	18 40.94	-18 42.5	2.275	3.192	9.2	20.8
6 10	18 33.08	-26 53.2	1.378	2.363	7.8	18.4	6 10	18 33.90	-19 6.0	2.212	3.188	6.0	20.6
6 20	18 25.27	-27 43.7	1.357	2.368	3.5	18.2	6 20	18 25.52	-19 33.2	2.175	3.185	2.6	20.4
6 30	18 16.63	-28 28.3	1.361	2.374	3.0	18.2	6 30	18 16.54	-20 2.4	2.167	3.181	1.8	20.3
7 10	18 8.50	-29 4.0	1.390	2.381	7.2	18.4	7 10	18 7.81	-20 32.2	2.188	3.176	5.2	20.5
7 20	18 2.06	-29 30.1	1.442	2.389	11.4	18.7	7 20	18 0.12	-21 1.6	2.235	3.171	8.5	20.7
7 30	17 58.20	-29 47.5	1.514	2.398	15.1	18.9	7 30	17 54.15	-21 30.0	2.307	3.166	11.5	20.9

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
395555	2011 <i>UT</i> ₁₉₆		6 26.0 287°18	5°2/25.3	18		75337	1999 <i>XA</i> ₅₈		6 26.0 284°11	1°7/26.1	18	
5 21	18 48.24	-36 32.4	2.157	2.990	13.0	20.8	5 21	18 47.14	-19 38.7	1.519	2.377	16.3	19.9
5 31	18 43.13	-37 20.7	2.077	2.985	10.4	20.6	5 31	18 42.83	-19 31.2	1.432	2.362	12.6	19.6
6 10	18 35.57	-38 2.5	2.019	2.980	7.7	20.4	6 10	18 35.69	-19 28.1	1.365	2.346	8.3	19.3
6 20	18 26.23	-38 33.4	1.986	2.975	5.6	20.3	6 20	18 26.38	-19 28.9	1.321	2.331	3.6	19.0
6 30	18 16.08	-38 49.5	1.980	2.970	5.5	20.3	6 30	18 16.00	-19 32.7	1.302	2.316	2.6	18.9
7 10	18 6.30	-38 49.8	2.000	2.965	7.6	20.4	7 10	18 5.93	-19 38.7	1.309	2.300	7.4	19.1
7 20	17 57.97	-38 35.7	2.045	2.960	10.3	20.6	7 20	17 57.46	-19 46.9	1.339	2.285	12.2	19.4
7 30	17 51.94	-38 10.3	2.112	2.955	13.0	20.7	7 30	17 51.63	-19 57.3	1.390	2.270	16.4	19.6
283119	2008 <i>VB</i> ₁₈		6 26.0 230°69	3°2/26.2	17		284538	2007 <i>RA</i> ₂₀₄		6 26.0 331°46	11°1/25.5	16	
5 21	18 46.02	-15 7.5	2.113	2.947	13.2	21.2	5 21	18 39.59	- 3 16.9	1.381	2.222	18.5	20.5
5 31	18 41.03	-14 45.5	2.025	2.939	10.3	21.0	5 31	18 37.11	- 1 47.8	1.299	2.199	15.9	20.2
6 10	18 34.04	-14 29.0	1.959	2.931	7.1	20.8	6 10	18 32.05	+ 0 33.1	1.235	2.176	13.3	20.0
6 20	18 25.59	-14 18.5	1.919	2.922	4.0	20.6	6 20	18 24.99	+ 0 20.0	1.190	2.155	11.4	19.8
6 30	18 16.50	-14 14.5	1.906	2.912	3.5	20.6	6 30	18 16.91	+ 0 45.7	1.168	2.135	11.3	19.8
7 10	18 7.70	-14 16.9	1.920	2.903	6.3	20.7	7 10	18 9.08	+ 0 41.4	1.166	2.116	13.2	19.8
7 20	18 0.05	-14 25.3	1.961	2.893	9.7	20.9	7 20	18 2.68	+ 0 8.5	1.184	2.099	16.1	20.0
7 30	17 54.26	-14 39.0	2.024	2.883	12.9	21.1	7 30	17 58.73	- 0 48.3	1.220	2.083	19.3	20.1
415736	1999 <i>XP</i> ₁₄₇		6 26.0 154°39	2°4/25.7	17		416398	2003 <i>UK</i> ₁₁₄		6 26.0 228°68	0°1/26.0	17	
5 21	18 50.71	-26 48.4	1.690	2.539	15.3	21.3	5 21	18 50.30	-22 27.4	1.867	2.710	14.3	22.2
5 31	18 45.26	-27 32.0	1.617	2.543	11.7	21.1	5 31	18 44.78	-22 42.3	1.776	2.699	11.0	22.0
6 10	18 37.06	-28 16.0	1.567	2.547	7.7	20.9	6 10	18 36.72	-22 59.7	1.707	2.687	7.1	21.7
6 20	18 26.82	-28 56.0	1.541	2.550	3.6	20.6	6 20	18 26.73	-23 17.7	1.664	2.675	2.8	21.4
6 30	18 15.71	-29 28.0	1.542	2.553	3.1	20.6	6 30	18 15.82	-23 34.1	1.647	2.662	1.8	21.3
7 10	18 5.10	-29 49.9	1.569	2.555	7.0	20.8	7 10	18 5.18	-23 47.4	1.658	2.648	6.4	21.6
7 20	17 56.19	-30 1.8	1.621	2.558	11.1	21.1	7 20	17 55.94	-23 57.4	1.695	2.634	10.6	21.8
7 30	17 49.91	-30 6.0	1.695	2.560	14.7	21.3	7 30	17 49.03	-24 5.2	1.754	2.618	14.3	22.0
101064	1998 <i>RG</i> ₈		6 26.0 280°43	2°0/25.8	18		202561	2006 <i>EU</i> ₉		6 26.0 15°68	1°1/25.9	17	
5 21	18 47.30	-27 35.7	1.955	2.802	13.6	20.0	5 21	18 47.02	-25 10.3	1.748	2.602	14.6	21.3
5 31	18 42.52	-27 57.0	1.859	2.783	10.5	19.7	5 31	18 42.29	-25 28.8	1.674	2.603	11.2	21.1
6 10	18 35.29	-28 17.4	1.785	2.764	6.9	19.5	6 10	18 35.08	-25 47.7	1.622	2.603	7.2	20.9
6 20	18 26.17	-28 33.8	1.736	2.745	3.2	19.2	6 20	18 26.06	-26 4.5	1.593	2.604	2.9	20.6
6 30	18 16.11	-28 43.7	1.714	2.725	2.7	19.1	6 30	18 16.30	-26 16.9	1.591	2.605	2.2	20.5
7 10	18 6.28	-28 45.8	1.718	2.706	6.4	19.3	7 10	18 7.00	-26 23.7	1.616	2.606	6.4	20.8
7 20	17 57.79	-28 40.7	1.749	2.686	10.4	19.5	7 20	17 59.25	-26 25.4	1.665	2.607	10.5	21.1
7 30	17 51.55	-28 30.2	1.801	2.667	13.9	19.7	7 30	17 53.89	-26 23.4	1.736	2.609	14.0	21.3
467143	2016 <i>EY</i> ₈₀		6 26.0 131°07	0°5/25.9	17		480852	2000 <i>WK</i> ₁₉₂		6 26.1 234°94	3°5/26.9	17	
5 21	18 51.47	-22 27.9	1.497	2.351	16.7	21.8	5 21	18 44.40	- 7 58.9	3.351	4.145	9.7	23.6
5 31	18 45.96	-22 57.5	1.431	2.359	12.7	21.6	5 31	18 39.15	- 8 9.7	3.243	4.127	7.8	23.5
6 10	18 37.54	-23 31.1	1.385	2.367	8.1	21.3	6 10	18 32.56	- 8 28.7	3.159	4.108	5.7	23.3
6 20	18 27.00	-24 5.0	1.363	2.375	3.1	21.1	6 20	18 25.01	- 8 56.1	3.103	4.089	4.0	23.2
6 30	18 15.62	-24 36.0	1.368	2.382	2.1	21.0	6 30	18 16.98	- 9 31.6	3.077	4.069	3.6	23.1
7 10	18 4.85	-25 1.7	1.398	2.389	7.1	21.3	7 10	18 9.03	-10 14.2	3.080	4.049	5.0	23.2
7 20	17 55.96	-25 21.7	1.452	2.395	11.7	21.6	7 20	18 1.70	-11 2.2	3.113	4.028	7.1	23.3
7 30	17 49.88	-25 37.0	1.528	2.401	15.6	21.9	7 30	17 55.49	-11 54.1	3.171	4.006	9.3	23.4
408153	2013 <i>CQ</i> ₁₂₆		6 26.0 78°12	0°7/25.9	16		367328	2008 <i>BF</i> ₃₃		6 26.1 232°99	2°6/25.9	17	
5 21	18 51.07	-24 6.1	1.241	2.109	18.6	21.7	5 21	18 52.41	-29 33.0	1.950	2.788	14.0	22.0
5 31	18 46.06	-24 19.6	1.183	2.119	14.2	21.5	5 31	18 46.44	-29 52.3	1.856	2.774	10.9	21.7
6 10	18 37.76	-24 34.7	1.144	2.129	9.1	21.2	6 10	18 37.81	-30 8.6	1.784	2.759	7.3	21.5
6 20	18 27.10	-24 48.1	1.127	2.139	3.5	21.0	6 20	18 27.16	-30 18.3	1.737	2.744	3.7	21.2
6 30	18 15.59	-24 56.9	1.135	2.149	2.4	20.9	6 30	18 15.55	-30 18.5	1.718	2.728	3.2	21.2
7 10	18 4.93	-25 0.3	1.166	2.160	7.9	21.3	7 10	18 4.24	-30 8.3	1.727	2.711	6.7	21.4
7 20	17 56.53	-24 59.1	1.221	2.170	12.8	21.6	7 20	17 54.44	-29 49.2	1.761	2.693	10.6	21.6
7 30	17 51.35	-24 55.5	1.295	2.180	17.0	21.9	7 30	17 47.09	-29 24.3	1.818	2.675	14.2	21.7
311519	2005 <i>WJ</i> ₁₉₀		6 26.0 269°04	7°9/28.1	18		250299	2003 <i>QF</i> ₂₅		6 26.1 288°33	0°8/26.1	17	
5 21	18 43.68	+ 3 21.8	2.552	3.313	13.2	20.8	5 21	18 47.87	-22 8.1	1.415	2.278	16.9	20.5
5 31	18 38.98	+ 3 31.7	2.453	3.294	11.4	20.6	5 31	18 43.61	-21 59.1	1.330	2.263	13.1	20.3
6 10	18 32.63	+ 3 25.3	2.375	3.275	9.6	20.5	6 10	18 36.31	-21 52.0	1.265	2.249	8.5	20.0
6 20	18 25.06	+ 3 0.2	2.320	3.256	8.3	20.4	6 20	18 26.66	-21 45.7	1.223	2.234	3.4	19.6
6 30	18 16.88	+ 2 15.4	2.292	3.237	7.9	20.3	6 30	18 15.87	-21 39.0	1.205	2.220	2.3	19.5
7 10	18 8.83	+ 1 11.9	2.289	3.217	8.8	20.3	7 10	18 5.46	-21 31.8	1.212	2.205	7.6	19.8
7 20	18 1.60	- 0 7.3	2.312	3.198	10.5	20.4	7 20	17 56.82	-21 24.8	1.242	2.191	12.7	20.0
7 30	17 55.81	- 1 38.4	2.360	3.178	12.6	20.5	7 30	17 51.06	-21 19.5	1.293	2.177	17.1	20.3
478521	2012 <i>SK</i> ₅₆		6 26.0 286°70	1°4/26.2	18		295776	2008 <i>UY</i> ₂₀₃		6 26.1 288°18	1°9/25.9	18	
5 21	18 46.03	-19 37.3	1.842	2.691	14.2	21.4	5 21	18 48.01	-27 40.2	1.781	2.632	14.5	20.4
5 31	18 41.59	-19 33.8	1.743	2.668	11.0	21.1	5 31	18 43.34	-27 50.6	1.683	2.609	11.3	20.1
6 10	18 34.72	-19 34.2	1.665	2.645	7.3	20.8	6 10	18 35.97	-27 59.1	1.606	2.586	7.4	19.8
6 20	18 25.97	-19 37.8	1.611	2.621	3.1	20.5	6 20	18 26.51	-28 2.7	1.553	2.563	3.3	19.5
6 30	18 16.26	-19 43.9	1.584	2.598	2.3	20.4	6 30	18 15.97	-27 59.1	1.527	2.540	2.7	19.4
7 10	18 6.71	-19 51.7	1.584	2.574	6.5	20.6	7 10	18 5.67	-27 47.5	1.527	2.516	6.9	19.6
7 20	17 58.42	-20 0.9	1.608	2.551	10.8	20.8	7 20	17 56.83	-27 29.2	1.551	2.492	11.2	19.8
7 30	17 52.33	-20 11.7	1.655	2.527	14.6	21.0	7 30	17 50.48	-27 6.7	1.598	2.469	15.1	20.0

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
500216	2012 <i>HP</i> ₄₇		6 26.1 34°45'	2°8/26.6	17		81137	2000 <i>EX</i> ₁₃₅		6 26.1 170°89'	0°5/26.1	18	
5 21	18 45.78	-15 16.5	1.344	2.205	17.7	20.3	5 21	18 48.95	-20 20.9	1.818	2.662	14.6	19.9
5 31	18 41.73	-15 32.5	1.283	2.214	13.7	20.1	5 31	18 43.64	-20 44.4	1.741	2.665	11.2	19.7
6 10	18 34.88	-16 0.0	1.242	2.222	9.2	19.8	6 10	18 35.91	-21 12.7	1.687	2.666	7.2	19.5
6 20	18 26.02	-16 37.7	1.224	2.232	4.5	19.6	6 20	18 26.42	-21 43.7	1.657	2.668	2.8	19.2
6 30	18 16.37	-17 23.1	1.230	2.242	3.4	19.5	6 30	18 16.17	-22 14.9	1.655	2.669	1.8	19.1
7 10	18 7.34	-18 12.7	1.260	2.252	7.6	19.8	7 10	18 6.32	-22 44.4	1.679	2.670	6.2	19.4
7 20	18 0.13	-19 3.6	1.314	2.263	12.1	20.1	7 20	17 57.92	-23 11.2	1.730	2.670	10.3	19.7
7 30	17 55.63	-19 53.5	1.388	2.275	16.0	20.4	7 30	17 51.81	-23 35.2	1.803	2.670	13.8	19.9
396115	2013 <i>CG</i> ₁₇₀		6 26.1 249°84'	4°4/26.6	18		182924	2002 <i>EN</i> ₁₆₀		6 26.1 22°23'	0°6/25.9	17	
5 21	18 42.87	-9 45.9	2.334	3.156	12.5	20.8	5 21	18 44.37	-24 5.2	2.056	2.906	12.9	20.3
5 31	18 38.43	-9 29.0	2.251	3.152	10.0	20.6	5 31	18 39.91	-24 22.1	1.982	2.909	9.8	20.1
6 10	18 32.29	-9 21.0	2.190	3.148	7.3	20.4	6 10	18 33.39	-24 40.1	1.931	2.912	6.3	19.9
6 20	18 24.94	-9 23.0	2.154	3.144	5.0	20.3	6 20	18 25.41	-24 57.1	1.904	2.915	2.5	19.7
6 30	18 17.07	-9 35.3	2.145	3.140	4.6	20.2	6 30	18 16.85	-25 11.5	1.905	2.919	1.7	19.6
7 10	18 9.46	-9 57.2	2.163	3.135	6.5	20.4	7 10	18 8.68	-25 22.4	1.933	2.923	5.5	19.9
7 20	18 2.83	-10 27.3	2.207	3.131	9.2	20.5	7 20	18 1.78	-25 29.6	1.987	2.928	9.1	20.1
7 30	17 57.78	-11 3.9	2.274	3.127	11.9	20.7	7 30	17 56.84	-25 33.9	2.063	2.932	12.2	20.3
394646	2007 <i>YG</i> ₆₅		6 26.1 257°17'	3°6/26.7	18		203386	2001 <i>XZ</i> ₉₆		6 26.1 122°02'	1°4/26.0	18	
5 21	18 44.05	-11 55.4	2.267	3.094	12.7	21.5	5 21	18 53.87	-26 46.5	1.609	2.456	16.0	20.4
5 31	18 39.47	-11 54.7	2.175	3.083	10.0	21.3	5 31	18 47.51	-26 50.7	1.546	2.471	12.2	20.1
6 10	18 33.04	-12 2.8	2.106	3.072	7.1	21.1	6 10	18 38.36	-26 52.6	1.505	2.485	7.9	19.9
6 20	18 25.26	-12 19.8	2.063	3.061	4.4	20.9	6 20	18 27.32	-26 49.4	1.488	2.499	3.3	19.7
6 30	18 16.85	-12 45.4	2.046	3.049	3.8	20.8	6 30	18 15.66	-26 39.3	1.498	2.512	2.4	19.6
7 10	18 8.64	-13 18.5	2.057	3.038	6.2	21.0	7 10	18 4.78	-26 22.8	1.535	2.524	6.8	20.0
7 20	18 1.42	-13 57.3	2.095	3.026	9.3	21.1	7 20	17 55.85	-26 1.8	1.596	2.536	11.0	20.2
7 30	17 55.88	-14 40.2	2.156	3.015	12.2	21.3	7 30	17 49.67	-25 39.2	1.680	2.548	14.7	20.5
296801	2009 <i>VU</i> ₄₉		6 26.1 216°24'	0°3/26.0	18		506933	2008 <i>FZ</i> ₁₀₅		6 26.1 169°18'	3°5/25.5	18	
5 21	18 48.98	-24 16.3	2.267	3.103	12.4	22.1	5 21	18 47.12	-32 30.1	2.427	3.261	11.7	21.4
5 31	18 43.27	-24 15.7	2.175	3.094	9.5	21.9	5 31	18 41.90	-33 12.5	2.349	3.262	9.1	21.2
6 10	18 35.49	-24 14.8	2.107	3.085	6.1	21.6	6 10	18 34.63	-33 51.4	2.294	3.263	6.3	21.1
6 20	18 26.21	-24 12.2	2.065	3.076	2.4	21.4	6 20	18 25.90	-34 23.1	2.265	3.264	4.0	20.9
6 30	18 16.26	-24 6.7	2.051	3.066	1.6	21.3	6 30	18 16.53	-34 44.9	2.264	3.265	3.8	20.9
7 10	18 6.61	-23 58.2	2.066	3.055	5.4	21.5	7 10	18 7.50	-34 55.6	2.291	3.265	6.1	21.0
7 20	17 58.17	-23 47.4	2.108	3.043	9.0	21.7	7 20	17 59.65	-34 55.8	2.344	3.266	8.9	21.2
7 30	17 51.65	-23 35.6	2.174	3.031	12.1	21.9	7 30	17 53.73	-34 47.7	2.420	3.266	11.5	21.4
338551	2003 <i>SR</i> ₄₉		6 26.1 357°38'	9°9/25.6	16		324971	2008 <i>AJ</i> ₃₀		6 26.1 106°35'	2°0/25.8	17	
5 21	18 48.92	-43 10.5	1.392	2.238	18.1	19.2	5 21	18 50.96	-26 15.8	1.584	2.437	15.9	21.5
5 31	18 45.14	-44 14.5	1.328	2.234	15.2	19.0	5 31	18 45.50	-26 49.3	1.519	2.447	12.2	21.3
6 10	18 37.58	-45 3.7	1.283	2.231	12.3	18.8	6 10	18 37.22	-27 23.0	1.476	2.457	7.9	21.1
6 20	18 27.19	-45 29.3	1.258	2.229	10.3	18.7	6 20	18 26.94	-27 52.7	1.457	2.467	3.5	20.8
6 30	18 15.64	-45 25.3	1.256	2.229	10.1	18.7	6 30	18 15.88	-28 14.9	1.464	2.477	2.8	20.8
7 10	18 4.94	-44 51.1	1.275	2.229	12.0	18.8	7 10	18 5.47	-28 28.2	1.498	2.486	7.0	21.1
7 20	17 56.78	-43 51.8	1.316	2.230	14.9	19.0	7 20	17 56.90	-28 33.1	1.555	2.495	11.2	21.3
7 30	17 52.27	-42 35.7	1.375	2.233	17.8	19.2	7 30	17 51.06	-28 32.0	1.635	2.504	14.9	21.6
306937	2001 <i>UM</i> ₁₀₃		6 26.1 134°18'	3°3/25.7	17		279124	2009 <i>PV</i> ₄		6 26.1 227°40'	8°4/27.3	18	
5 21	18 51.77	-28 3.2	1.404	2.263	17.3	20.6	5 21	18 45.83	-2 18.2	1.770	2.578	16.4	20.4
5 31	18 46.64	-28 51.2	1.336	2.266	13.3	20.4	5 31	18 41.20	-1 42.9	1.692	2.573	13.8	20.2
6 10	18 38.24	-29 39.0	1.289	2.269	8.8	20.1	6 10	18 34.33	-1 24.5	1.634	2.569	11.1	20.0
6 20	18 27.40	-30 20.7	1.265	2.272	4.5	19.9	6 20	18 25.83	-1 26.2	1.599	2.564	9.0	19.9
6 30	18 15.50	-30 51.2	1.265	2.275	4.0	19.9	6 30	18 16.59	-1 49.6	1.588	2.559	8.5	19.8
7 10	18 4.23	-31 8.2	1.291	2.278	8.2	20.1	7 10	18 7.69	-2 33.7	1.601	2.554	10.0	19.9
7 20	17 55.04	-31 12.6	1.340	2.280	12.7	20.4	7 20	18 0.07	-3 35.3	1.639	2.549	12.7	20.1
7 30	17 49.01	-31 7.7	1.410	2.282	16.6	20.6	7 30	17 54.55	-4 49.6	1.697	2.543	15.5	20.2
374482	2005 <i>YM</i> ₅₅		6 26.1 162°08'	10°3/28.8	17		121159	1999 <i>JJ</i> ₁₀₀		6 26.1 41°38'	0°5/26.3	18	
5 21	18 46.43	+13 59.3	2.819	3.501	13.7	22.3	5 21	18 52.41	-14 10.0	1.502	2.343	17.3	18.8
5 31	18 40.74	+14 42.5	2.752	3.509	12.5	22.2	5 31	18 46.83	-16 4.9	1.431	2.352	13.3	18.6
6 10	18 33.57	+15 6.8	2.704	3.517	11.3	22.1	6 10	18 38.29	-18 18.3	1.383	2.361	8.6	18.4
6 20	18 25.40	+15 9.3	2.678	3.524	10.5	22.0	6 20	18 27.46	-20 43.4	1.361	2.371	3.4	18.1
6 30	18 16.85	+14 48.2	2.675	3.530	10.3	22.0	6 30	18 15.52	-23 10.8	1.367	2.382	2.1	18.0
7 10	18 8.60	+14 4.3	2.696	3.535	10.7	22.1	7 10	18 3.93	-25 30.7	1.402	2.392	7.2	18.4
7 20	18 1.25	+13 0.2	2.740	3.539	11.6	22.1	7 20	17 54.04	-27 36.2	1.464	2.403	11.9	18.7
7 30	17 55.33	+11 39.8	2.805	3.543	12.7	22.2	7 30	17 46.95	-29 24.5	1.549	2.415	15.8	18.9
102988	1999 <i>XC</i> ₈₈		6 26.1 275°39'	1°4/26.1	18		287854	2003 <i>SV</i> ₂₅₀		6 26.1 230°00'	4°0/26.3	16	
5 21	18 47.38	-20 40.5	2.032	2.873	13.4	19.5	5 21	18 45.50	-12 0.9	2.262	3.086	12.8	21.3
5 31	18 42.40	-20 18.4	1.927	2.849	10.4	19.3	5 31	18 40.54	-11 36.5	2.171	3.077	10.1	21.1
6 10	18 35.14	-19 57.3	1.846	2.824	6.8	19.0	6 10	18 33.73	-11 19.2	2.103	3.067	7.3	20.9
6 20	18 26.16	-19 36.9	1.790	2.799	3.0	18.7	6 20	18 25.56	-11 10.1	2.061	3.056	4.7	20.7
6 30	18 16.31	-19 17.4	1.761	2.774	2.2	18.6	6 30	18 16.79	-11 9.7	2.046	3.045	4.3	20.7
7 10	18 6.64	-18 59.2	1.759	2.748	6.2	18.8	7 10	18 8.25	-11 17.9	2.058	3.034	6.5	20.8
7 20	17 58.16	-18 43.4	1.784	2.722	10.2	19.0	7 20	18 0.75	-11 34.1	2.096	3.022	9.6	20.9
7 30	17 51.72	-18 30.8	1.831	2.695	13.8	19.2	7 30	17 54.95	-11 57.0	2.158	3.010	12.4	21.1
93594	2000 <i>UH</i> ₅₄		6 26.1 216°60'	3°8/25.3	18		23						

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
184904	2005 <i>UK</i> ₃₂₁		6 26.1 307°06	0°8/26.2	18		435674	2008 <i>TT</i> ₂₇		6 26.1 220°82	6°1/26.4	18	
5 21	18 43.88	-20 31.1	2.179	3.024	12.5	20.7	5 21	18 45.55	-6 45.5	2.196	3.006	13.6	21.4
5 31	18 39.45	-20 36.4	2.094	3.018	9.6	20.5	5 31	18 40.60	-6 2.8	2.110	2.999	11.1	21.2
6 10	18 33.09	-20 44.6	2.033	3.012	6.2	20.3	6 10	18 33.78	-5 30.1	2.046	2.991	8.6	21.0
6 20	18 25.33	-20 55.0	1.996	3.007	2.5	20.1	6 20	18 25.62	-5 9.7	2.007	2.983	6.6	20.9
6 30	18 16.96	-21 6.4	1.987	3.001	1.7	20.0	6 30	18 16.85	-5 3.3	1.994	2.975	6.3	20.9
7 10	18 8.88	-21 18.0	2.006	2.996	5.4	20.2	7 10	18 8.35	-5 11.1	2.007	2.966	8.0	20.9
7 20	18 1.92	-21 29.5	2.050	2.991	8.9	20.4	7 20	18 0.90	-5 32.0	2.046	2.956	10.6	21.1
7 30	17 56.78	-21 40.8	2.118	2.986	12.0	20.6	7 30	17 55.17	-6 3.8	2.108	2.946	13.2	21.2
163045	2001 <i>XZ</i> ₂₁₄		6 26.1 264°98	2°7/25.9	17		33556	Brennanclark		6 26.1 178°60	2°3/25.9	18	
5 21	18 51.36	-28 49.2	1.486	2.342	16.6	20.5	5 21	18 51.43	-27 9.7	1.547	2.400	16.2	18.4
5 31	18 46.40	-29 5.1	1.399	2.328	13.0	20.2	5 31	18 46.10	-27 39.4	1.473	2.401	12.5	18.2
6 10	18 38.21	-29 18.2	1.332	2.312	8.6	19.9	6 10	18 37.79	-28 8.6	1.421	2.402	8.2	17.9
6 20	18 27.48	-29 24.2	1.288	2.297	4.1	19.6	6 20	18 27.27	-28 32.9	1.393	2.402	3.7	17.7
6 30	18 15.52	-29 19.8	1.270	2.281	3.4	19.5	6 30	18 15.80	-28 48.9	1.390	2.402	3.1	17.6
7 10	18 3.96	-29 4.1	1.276	2.265	7.9	19.8	7 10	18 4.87	-28 55.1	1.413	2.402	7.4	17.9
7 20	17 54.29	-28 39.1	1.306	2.249	12.7	20.0	7 20	17 55.82	-28 52.4	1.460	2.401	11.8	18.1
7 30	17 47.69	-28 8.9	1.357	2.232	17.0	20.2	7 30	17 49.63	-28 43.5	1.529	2.400	15.6	18.4
159648	2002 <i>CC</i> ₂₀₉		6 26.1 191°43	2°3/26.4	18		130580	2000 <i>RO</i> ₇₁		6 26.1 273°18	3°0/26.3	18	
5 21	18 46.95	-16 19.6	2.011	2.848	13.7	21.1	5 21	18 47.44	-15 40.6	2.021	2.855	13.7	21.3
5 31	18 41.87	-16 22.7	1.930	2.847	10.6	20.9	5 31	18 42.52	-15 25.6	1.912	2.827	10.8	21.0
6 10	18 34.67	-16 32.3	1.871	2.846	7.1	20.7	6 10	18 35.31	-15 16.1	1.826	2.798	7.4	20.8
6 20	18 25.95	-16 47.7	1.837	2.844	3.5	20.4	6 20	18 26.32	-15 12.7	1.764	2.769	4.0	20.5
6 30	18 16.57	-17 8.1	1.831	2.842	2.7	20.4	6 30	18 16.36	-15 15.4	1.730	2.739	3.4	20.4
7 10	18 7.52	-17 32.1	1.853	2.840	6.1	20.6	7 10	18 6.47	-15 24.0	1.723	2.708	6.7	20.6
7 20	17 59.72	-17 58.5	1.900	2.838	9.7	20.8	7 20	17 57.66	-15 38.0	1.742	2.677	10.6	20.7
7 30	17 53.90	-18 26.6	1.971	2.835	13.0	21.0	7 30	17 50.84	-15 56.9	1.784	2.645	14.2	20.9
163366	2002 <i>PM</i>		6 26.1 298°41	3°0/26.4	18		56411	2000 <i>FE</i> ₃₅		6 26.1 304°34	2°2/26.3	18	
5 21	18 45.50	-15 21.1	1.854	2.697	14.4	20.1	5 21	18 46.17	-18 6.2	1.228	2.099	18.5	18.4
5 31	18 41.30	-15 16.8	1.743	2.662	11.4	19.8	5 31	18 42.74	-18 8.0	1.147	2.083	14.4	18.1
6 10	18 34.68	-15 20.0	1.653	2.628	7.8	19.5	6 10	18 36.04	-18 18.6	1.084	2.068	9.6	17.8
6 20	18 26.10	-15 31.2	1.587	2.593	4.2	19.2	6 20	18 26.74	-18 37.1	1.042	2.052	4.4	17.4
6 30	18 16.40	-15 50.0	1.548	2.558	3.5	19.1	6 30	18 16.10	-19 2.1	1.024	2.037	3.1	17.3
7 10	18 6.68	-16 15.6	1.535	2.522	7.1	19.3	7 10	18 5.76	-19 31.3	1.029	2.023	8.5	17.6
7 20	17 58.06	-16 46.6	1.547	2.487	11.3	19.4	7 20	17 57.29	-20 2.8	1.056	2.009	13.9	17.8
7 30	17 51.54	-17 21.7	1.581	2.451	15.3	19.6	7 30	17 51.94	-20 35.5	1.101	1.995	18.7	18.1
271649	2004 <i>QO</i> ₆		6 26.1 25°58	8°1/25.9	18		368931	2006 <i>VS</i> ₄₆		6 26.1 321°08	0°6/26.1	17	
5 21	18 52.43	-41 5.0	1.550	2.388	17.0	19.8	5 21	18 44.84	-24 33.9	1.250	2.127	17.8	20.8
5 31	18 47.28	-41 55.8	1.486	2.391	13.9	19.6	5 31	18 41.79	-24 35.3	1.167	2.108	13.8	20.4
6 10	18 38.68	-42 33.6	1.442	2.395	10.9	19.5	6 10	18 35.45	-24 37.3	1.103	2.089	9.0	20.1
6 20	18 27.59	-42 51.3	1.420	2.399	8.6	19.3	6 20	18 26.51	-24 37.7	1.060	2.072	3.6	19.7
6 30	18 15.56	-42 43.9	1.422	2.403	8.3	19.3	6 30	18 16.26	-24 34.3	1.040	2.055	2.4	19.6
7 10	18 4.37	-42 11.5	1.448	2.407	10.3	19.5	7 10	18 6.38	-24 26.4	1.043	2.039	8.1	19.9
7 20	17 55.53	-41 18.7	1.496	2.412	13.3	19.7	7 20	17 58.43	-24 15.1	1.068	2.023	13.6	20.2
7 30	17 50.01	-40 12.6	1.565	2.417	16.3	19.9	7 30	17 53.64	-24 2.7	1.113	2.009	18.3	20.4
392680	2011 <i>US</i> ₃₅₇		6 26.1 120°90	1°7/25.8	17		361941	2008 <i>HK</i> ₅₀		6 26.1 40°10	3°6/26.3	18	
5 21	18 46.37	-26 51.0	2.304	3.144	12.0	21.3	5 21	18 43.11	-13 12.8	2.339	3.169	12.2	21.2
5 31	18 41.28	-27 21.1	2.228	3.149	9.2	21.1	5 31	18 38.62	-12 44.2	2.260	3.169	9.6	21.0
6 10	18 34.21	-27 50.6	2.177	3.155	6.0	21.0	6 10	18 32.43	-12 21.8	2.204	3.170	6.8	20.8
6 20	18 25.76	-28 16.9	2.152	3.160	2.7	20.7	6 20	18 25.08	-12 6.3	2.173	3.171	4.3	20.7
6 30	18 16.74	-28 37.8	2.154	3.166	2.3	20.7	6 30	18 17.27	-11 58.6	2.170	3.171	3.9	20.6
7 10	18 8.08	-28 52.3	2.185	3.171	5.4	20.9	7 10	18 9.77	-11 58.5	2.194	3.172	6.0	20.8
7 20	18 0.61	-29 0.3	2.242	3.176	8.6	21.2	7 20	18 3.29	-12 5.7	2.244	3.173	8.9	21.0
7 30	17 55.02	-29 3.2	2.322	3.181	11.5	21.3	7 30	17 58.40	-12 19.3	2.318	3.174	11.6	21.1
508201	2015 <i>FA</i> ₃₉₆		6 26.1 51°78	3°0/25.8	17		128606	2004 <i>QY</i> ₁₇		6 26.1 302°94	5°7/26.3	18	
5 21	18 48.39	-29 28.1	1.673	2.527	15.2	21.5	5 21	18 51.53	-37 27.3	1.621	2.464	16.1	19.5
5 31	18 43.48	-29 58.4	1.609	2.536	11.7	21.3	5 31	18 46.53	-37 36.5	1.530	2.444	13.0	19.2
6 10	18 35.91	-30 25.7	1.566	2.545	7.8	21.1	6 10	18 38.26	-37 34.1	1.458	2.424	9.5	19.0
6 20	18 26.46	-30 46.0	1.548	2.554	4.0	20.9	6 20	18 27.52	-37 14.7	1.410	2.405	6.5	18.7
6 30	18 16.31	-30 56.4	1.555	2.564	3.5	20.8	6 30	18 15.66	-36 34.9	1.386	2.385	6.0	18.7
7 10	18 6.78	-30 56.0	1.588	2.574	7.0	21.1	7 10	18 4.33	-35 35.2	1.388	2.366	8.8	18.8
7 20	17 59.00	-30 46.4	1.645	2.584	10.8	21.3	7 20	17 55.01	-34 20.3	1.414	2.347	12.6	19.0
7 30	17 53.80	-30 30.3	1.724	2.594	14.2	21.6	7 30	17 48.78	-32 57.3	1.461	2.329	16.4	19.1
250830	2005 <i>UZ</i> ₉₀		6 26.1 348°17	6°6/25.2	18	R	251974	2000 <i>AR</i> ₂₁₆		6 26.1 202°84	0°2/26.1	17	
5 21	18 43.26	-11 41.5	1.701	2.546	15.4	19.1	5 21	18 50.18	-22 57.5	1.905	2.747	14.1	21.9
5 31	18 39.30	-10 10.8	1.625	2.538	12.4	18.9	5 31	18 44.59	-23 11.8	1.821	2.743	10.8	21.7
6 10	18 33.13	-8 45.5	1.569	2.532	9.3	18.7	6 10	18 36.58	-23 28.1	1.759	2.739	7.0	21.4
6 20	18 25.38	-7 30.1	1.538	2.526	7.0	18.6	6 20	18 26.77	-23 44.2	1.723	2.734	2.7	21.2
6 30	18 16.99	-6 28.9	1.532	2.521	6.9	18.5	6 30	18 16.16	-23 58.0	1.714	2.729	1.8	21.1
7 10	18 9.03	-5 44.7	1.551	2.516	9.2	18.7	7 10	18 5.91	-24 8.5	1.733	2.723	6.1	21.3
7 20	18 2.42	-5 18.4	1.593	2.513	12.4	18.9	7 20	17 57.09	-24 15.7	1.778	2.716	10.2	21.6
7 30	17 57.93	-5 9.0	1.656	2.510	15.4	19.0	7 30	17 50.53	-24 20.4	1.845	2.709	13.7	21.8
321109	2008 <i>TN</i> ₈₇		6 26.1 280°32	1°0/26.2	18		356705	2011 <i>UH</i> ₁₄₃					

EPHEMERIDES

6 26.1

6 26.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
323225	2003 <i>SN</i> ₉₈		6 26.1 246°62	1.7°/26.1	17		25086	1998 <i>RU</i> ₈		6 26.1 163°92	4°4/26.7	18	
5 21	18 49.63	-20 42.5	1.618	2.469	15.8	20.7	5 21	18 45.55	-9 41.6	2.322	3.138	12.7	19.3
5 31	18 44.52	-20 16.5	1.533	2.459	12.2	20.4	5 31	18 40.46	-9 25.5	2.244	3.142	10.2	19.1
6 10	18 36.70	-19 51.9	1.469	2.449	8.0	20.1	6 10	18 33.62	-9 18.5	2.189	3.146	7.4	18.9
6 20	18 26.86	-19 28.6	1.429	2.439	3.5	19.8	6 20	18 25.58	-9 21.4	2.160	3.150	5.1	18.8
6 30	18 16.11	-19 6.9	1.415	2.428	2.6	19.8	6 30	18 17.04	-9 34.5	2.158	3.153	4.6	18.8
7 10	18 5.78	-18 47.5	1.427	2.417	7.1	20.0	7 10	18 8.82	-9 56.8	2.183	3.155	6.5	18.9
7 20	17 57.06	-18 31.6	1.464	2.406	11.6	20.2	7 20	18 1.65	-10 27.1	2.235	3.157	9.2	19.1
7 30	17 50.89	-18 20.2	1.522	2.395	15.6	20.5	7 30	17 56.12	-11 3.5	2.311	3.159	11.8	19.2
133897	2004 <i>RE</i> ₄₂		6 26.1 127°76	3°9/26.4	18		51216	2000 <i>JU</i> ₂₂		6 26.1 58°04	0°9/26.1	18	
5 21	18 50.16	-14 50.8	1.559	2.403	16.6	20.0	5 21	18 47.76	-23 2.5	1.840	2.688	14.3	17.8
5 31	18 44.68	-14 27.3	1.493	2.413	13.0	19.7	5 31	18 42.51	-22 28.2	1.774	2.699	10.9	17.6
6 10	18 36.62	-14 11.9	1.449	2.422	8.9	19.5	6 10	18 35.05	-21 53.3	1.730	2.711	7.0	17.4
6 20	18 26.77	-14 5.2	1.428	2.431	5.0	19.3	6 20	18 26.12	-21 17.8	1.711	2.722	2.8	17.1
6 30	18 16.24	-14 7.2	1.433	2.440	4.3	19.3	6 30	18 16.73	-20 42.4	1.720	2.734	1.9	17.1
7 10	18 6.33	-14 17.5	1.463	2.448	7.6	19.5	7 10	18 7.96	-20 8.5	1.755	2.746	6.0	17.4
7 20	17 58.12	-14 34.8	1.518	2.456	11.6	19.8	7 20	18 0.70	-19 37.7	1.816	2.758	9.8	17.6
7 30	17 52.41	-14 57.9	1.595	2.463	15.2	20.0	7 30	17 55.64	-19 11.3	1.900	2.770	13.1	17.9
431103	2006 <i>EX</i> ₂₈		6 26.1 133°81	2°5/26.4	17		9016	Henrymoore		6 26.1 270°21	4°3/26.5	18	
5 21	18 47.77	-15 31.4	2.284	3.111	12.6	22.5	5 21	18 58.07	-38 14.4	2.371	3.178	12.8	18.6
5 31	18 42.09	-15 23.9	2.215	3.125	9.7	22.3	5 31	18 50.53	-38 4.0	2.254	3.148	10.3	18.4
6 10	18 34.62	-15 21.9	2.168	3.139	6.5	22.2	6 10	18 40.37	-37 42.1	2.160	3.116	7.5	18.2
6 20	18 25.92	-15 25.3	2.148	3.152	3.5	22.0	6 20	18 28.27	-37 4.8	2.092	3.084	5.0	18.0
6 30	18 16.79	-15 33.7	2.157	3.165	2.9	22.0	6 30	18 15.29	-36 9.8	2.054	3.051	4.6	17.9
7 10	18 8.08	-15 46.3	2.193	3.177	5.6	22.2	7 10	18 2.70	-34 58.1	2.045	3.017	6.9	18.0
7 20	18 0.54	-16 2.4	2.256	3.188	8.7	22.4	7 20	17 51.63	-33 33.7	2.064	2.983	10.0	18.1
7 30	17 54.76	-16 21.4	2.344	3.199	11.5	22.6	7 30	17 43.00	-32 2.3	2.109	2.948	13.2	18.2
334083	2001 <i>QB</i> ₉₁		6 26.1 11°20	23°0/25.7	18		171176	2005 <i>GF</i> ₁₇₂		6 26.1 3°11	0°3/26.1	18	
5 21	18 44.63	+13 55.3	1.042	1.827	26.8	19.8	5 21	18 45.55	-21 43.9	1.859	2.710	14.0	20.0
5 31	18 41.46	+16 56.9	1.003	1.827	25.2	19.7	5 31	18 41.06	-21 56.7	1.783	2.710	10.7	19.8
6 10	18 35.05	+19 21.1	0.977	1.828	23.9	19.6	6 10	18 34.30	-22 12.6	1.728	2.710	6.9	19.6
6 20	18 26.29	+20 54.6	0.964	1.830	23.1	19.5	6 20	18 25.91	-22 29.8	1.699	2.710	2.7	19.3
6 30	18 16.53	+21 28.4	0.966	1.832	23.1	19.5	6 30	18 16.83	-22 46.6	1.696	2.710	1.7	19.2
7 10	18 7.43	+21 1.6	0.981	1.835	23.7	19.6	7 10	18 8.14	-23 1.9	1.719	2.711	6.0	19.5
7 20	18 0.39	+19 40.4	1.009	1.838	24.9	19.7	7 20	18 0.83	-23 15.2	1.768	2.712	9.9	19.7
7 30	17 56.46	+17 36.4	1.049	1.842	26.3	19.8	7 30	17 55.66	-23 26.8	1.840	2.713	13.3	20.0
178015	2006 <i>RW</i> ₃		6 26.1 261°81	1°8/26.2	17		362698	2011 <i>UF</i> ₁₅₆		6 26.1 149°88	2°7/25.5	18	
5 21	18 48.14	-19 7.8	1.615	2.466	15.7	21.0	5 21	18 47.25	-30 25.9	2.767	3.595	10.6	21.6
5 31	18 43.44	-18 59.6	1.528	2.455	12.2	20.7	5 31	18 41.74	-31 11.5	2.690	3.602	8.2	21.4
6 10	18 36.07	-18 56.0	1.463	2.443	8.0	20.4	6 10	18 34.46	-31 54.9	2.638	3.609	5.5	21.2
6 20	18 26.65	-18 56.5	1.421	2.431	3.6	20.1	6 20	18 25.92	-32 33.1	2.613	3.615	3.2	21.1
6 30	18 16.26	-19 0.2	1.405	2.418	2.6	20.0	6 30	18 16.83	-33 3.6	2.617	3.621	3.0	21.1
7 10	18 6.21	-19 6.5	1.415	2.406	7.1	20.3	7 10	18 8.02	-33 25.2	2.650	3.626	5.2	21.2
7 20	17 57.68	-19 15.3	1.449	2.393	11.6	20.5	7 20	18 0.23	-33 38.0	2.709	3.631	7.8	21.4
7 30	17 51.66	-19 26.5	1.505	2.380	15.6	20.7	7 30	17 54.09	-33 43.2	2.794	3.636	10.2	21.6
187177	2005 <i>SZ</i> ₃₇		6 26.1 190°08	0°4/26.0	18		362408	2010 <i>PY</i> ₉		6 26.1 355°24	6°7/26.6	17	
5 21	18 45.22	-24 19.7	2.739	3.573	10.5	21.7	5 21	18 39.46	-12 34.2	0.956	1.845	21.0	19.6
5 31	18 40.11	-24 29.5	2.653	3.572	8.0	21.5	5 31	18 37.88	-11 50.4	0.896	1.838	16.8	19.3
6 10	18 33.35	-24 39.4	2.592	3.570	5.1	21.4	6 10	18 32.98	-11 20.7	0.852	1.833	12.1	19.0
6 20	18 25.46	-24 48.1	2.558	3.568	2.0	21.1	6 20	18 25.56	-11 8.9	0.827	1.829	7.9	18.8
6 30	18 17.08	-24 54.5	2.552	3.566	1.4	21.1	6 30	18 17.04	-11 17.3	0.822	1.827	7.1	18.7
7 10	18 8.98	-24 58.1	2.576	3.564	4.5	21.3	7 10	18 9.15	-11 44.7	0.836	1.827	10.7	18.9
7 20	18 1.82	-24 59.1	2.626	3.561	7.5	21.5	7 20	18 3.37	-12 27.7	0.870	1.828	15.5	19.2
7 30	17 56.19	-24 58.1	2.702	3.558	10.1	21.7	7 30	18 0.83	-13 21.4	0.921	1.831	19.9	19.4
106453	2000 <i>VC</i> ₆₀		6 26.1 151°26	3°5/25.4	18		398577	2011 <i>WK</i> ₄₅		6 26.1 317°58	3°7/25.9	17	
5 21	18 47.50	-32 8.7	2.397	3.231	11.8	19.7	5 21	18 42.27	-19 22.0	1.016	1.906	20.0	20.2
5 31	18 42.26	-32 57.6	2.320	3.233	9.2	19.5	5 31	18 40.58	-18 37.4	0.923	1.870	15.8	19.8
6 10	18 34.95	-33 43.4	2.266	3.236	6.4	19.3	6 10	18 35.23	-17 53.7	0.847	1.835	10.8	19.4
6 20	18 26.13	-34 22.3	2.239	3.238	4.0	19.2	6 20	18 26.67	-17 12.6	0.790	1.800	5.4	19.0
6 30	18 16.66	-34 51.1	2.240	3.240	3.9	19.2	6 30	18 16.17	-16 36.6	0.753	1.766	4.7	18.8
7 10	18 7.50	-35 8.6	2.268	3.242	6.2	19.3	7 10	18 5.62	-16 8.3	0.737	1.733	10.5	19.0
7 20	17 59.55	-35 15.1	2.322	3.243	9.0	19.5	7 20	17 56.99	-15 50.4	0.740	1.701	16.9	19.2
7 30	17 53.53	-35 12.5	2.400	3.245	11.6	19.7	7 30	17 51.96	-15 44.4	0.758	1.671	22.8	19.4
512722	2016 <i>UH</i> ₁₈		6 26.1 179°34	0°2/26.1	18		335097	2004 <i>TN</i> ₈₆		6 26.1 344°69	11°1/26.3	18	
5 21	18 45.88	-23 41.5	2.434	3.272	11.6	21.3	5 21	18 42.10	-1 35.5	1.433	2.261	18.6	20.3
5 31	18 40.72	-23 24.8	2.352	3.272	8.8	21.1	5 31	18 38.83	-0 11.6	1.365	2.254	16.0	20.1
6 10	18 33.78	-23 7.5	2.294	3.272	5.6	20.9	6 10	18 33.08	+0 54.6	1.314	2.247	13.4	19.9
6 20	18 25.63	-22 49.0	2.262	3.273	2.2	20.7	6 20	18 25.49	+1 36.8	1.284	2.242	11.5	19.8
6 30	18 17.01	-22 29.1	2.258	3.273	1.4	20.6	6 30	18 17.11	+1 50.5	1.276	2.237	11.3	19.8
7 10	18 8.76	-22 8.3	2.283	3.272	4.9	20.9	7 10	18 9.13	+1 34.9	1.289	2.233	12.8	19.9
7 20	18 1.62	-21 47.6	2.335	3.272	8.1	21.1	7 20	18 2.64	+0 52.7	1.323	2.230	15.4	20.0
7 30	17 56.18	-21 28.0	2.411	3.272	11.0	21.3	7 30	17 58.52	-0 10.6	1.376	2.227	18.2	20.2
472549	2015 <i>DL</i> ₃₄		6 26.1 344°73	2°5/25.8	17		346580	2008 <i>VA</i> ₆₅					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
413122	2001 <i>WB</i> ₁₀₂		6 26.1 222°00	2°5/26.2	17		118408	1999 <i>RV</i> ₂₂₀		6 26.1 246°88	3°1/26.2	18	
5 21	18 50.30	-18 27.0	1.597	2.445	16.1	21.8	5 21	18 43.84	-14 48.1	2.374	3.206	12.0	20.0
5 31	18 45.03	-18 3.2	1.515	2.438	12.5	21.6	5 31	18 39.23	-14 21.4	2.289	3.201	9.4	19.8
6 10	18 37.04	-17 43.4	1.454	2.432	8.3	21.3	6 10	18 32.90	-13 59.5	2.227	3.196	6.5	19.7
6 20	18 27.04	-17 27.8	1.416	2.424	4.0	21.0	6 20	18 25.36	-13 43.3	2.190	3.191	3.8	19.5
6 30	18 16.13	-17 16.4	1.405	2.417	3.2	21.0	6 30	18 17.31	-13 33.3	2.181	3.186	3.4	19.4
7 10	18 5.64	-17 9.6	1.420	2.408	7.4	21.2	7 10	18 9.55	-13 29.6	2.200	3.181	5.8	19.6
7 20	17 56.78	-17 7.6	1.459	2.400	11.8	21.4	7 20	18 2.78	-13 32.1	2.245	3.176	8.8	19.8
7 30	17 50.48	-17 10.8	1.520	2.391	15.7	21.7	7 30	17 57.62	-13 40.2	2.314	3.170	11.5	19.9
181731	1995 <i>SD</i> ₆₀		6 26.1 158°89	1°8/26.3	16		508183	2015 <i>FN</i> ₃₀₂		6 26.1 354°72	7°8/27.2	17	
5 21	18 44.64	-17 13.8	2.817	3.643	10.5	22.1	5 21	18 42.93	-4 22.9	1.718	2.541	16.2	20.8
5 31	18 39.51	-17 5.1	2.737	3.649	8.1	22.0	5 31	18 39.09	-3 46.2	1.645	2.539	13.5	20.6
6 10	18 32.90	-16 59.9	2.682	3.655	5.3	21.8	6 10	18 33.07	-3 25.2	1.592	2.537	10.6	20.4
6 20	18 25.29	-16 57.8	2.654	3.660	2.7	21.6	6 20	18 25.49	-3 22.7	1.562	2.536	8.4	20.3
6 30	18 17.29	-16 58.9	2.655	3.665	2.1	21.6	6 30	18 17.25	-3 40.3	1.556	2.535	7.9	20.2
7 10	18 9.59	-17 2.7	2.684	3.669	4.6	21.8	7 10	18 9.37	-4 17.0	1.573	2.534	9.5	20.3
7 20	18 2.77	-17 9.0	2.741	3.673	7.3	21.9	7 20	18 2.79	-5 9.8	1.615	2.534	12.3	20.5
7 30	17 57.37	-17 17.5	2.824	3.677	9.8	22.1	7 30	17 58.26	-6 14.4	1.677	2.535	15.1	20.7
463269	2012 <i>GT</i> ₂₃		6 26.1 78°82	3°5/25.6	17		83327	2001 <i>RJ</i> ₁₂₈		6 26.1 243°14	0°4/26.1	18	
5 21	18 50.87	-28 29.1	1.496	2.353	16.5	21.0	5 21	18 46.08	-23 31.2	2.252	3.093	12.3	20.1
5 31	18 45.79	-29 25.7	1.433	2.361	12.7	20.8	5 31	18 41.20	-23 46.0	2.163	3.085	9.4	19.9
6 10	18 37.66	-30 21.7	1.390	2.369	8.5	20.6	6 10	18 34.31	-24 2.2	2.098	3.077	6.0	19.7
6 20	18 27.29	-31 11.3	1.371	2.377	4.5	20.4	6 20	18 25.96	-24 17.9	2.058	3.069	2.4	19.5
6 30	18 16.00	-31 49.4	1.377	2.385	4.2	20.4	6 30	18 16.94	-24 31.7	2.047	3.061	1.6	19.4
7 10	18 5.32	-32 13.4	1.409	2.393	7.9	20.6	7 10	18 8.19	-24 42.4	2.063	3.053	5.3	19.6
7 20	17 56.60	-32 24.1	1.464	2.401	12.0	20.9	7 20	18 0.57	-24 50.0	2.105	3.044	8.8	19.8
7 30	17 50.82	-32 24.3	1.541	2.410	15.7	21.1	7 30	17 54.79	-24 55.2	2.172	3.035	11.9	20.0
50144	2000 <i>AN</i> ₁₃₂		6 26.1 79°73	3°0/25.9	18		213414	2001 <i>WU</i> ₈₁		6 26.1 26°91	2°8/26.2	16	
5 21	18 52.29	-27 49.6	1.261	2.126	18.5	18.5	5 21	18 44.69	-16 59.3	2.023	2.865	13.4	20.1
5 31	18 47.22	-28 26.5	1.203	2.136	14.2	18.3	5 31	18 40.10	-16 28.7	1.947	2.867	10.4	19.9
6 10	18 38.70	-29 2.2	1.164	2.147	9.3	18.0	6 10	18 33.55	-16 2.2	1.894	2.869	7.0	19.7
6 20	18 27.70	-29 31.1	1.148	2.157	4.5	17.8	6 20	18 25.63	-15 40.4	1.866	2.871	3.7	19.5
6 30	18 15.77	-29 48.8	1.156	2.167	3.8	17.7	6 30	18 17.18	-15 24.1	1.866	2.874	3.2	19.5
7 10	18 4.68	-29 53.9	1.188	2.177	8.3	18.0	7 10	18 9.15	-15 13.6	1.892	2.877	6.2	19.7
7 20	17 55.94	-29 48.0	1.242	2.187	13.0	18.3	7 20	18 2.34	-15 9.1	1.943	2.880	9.6	19.9
7 30	17 50.53	-29 35.0	1.317	2.197	17.1	18.6	7 30	17 57.42	-15 10.2	2.018	2.883	12.6	20.1
204524	2005 <i>EN</i> ₇₄		6 26.1 162°87	0°2/26.1	18		173052	2006 <i>QP</i> ₁₇₀		6 26.1 268°38	0°3/26.1	18	
5 21	18 47.29	-22 34.7	2.130	2.971	12.9	21.0	5 21	18 46.16	-23 48.1	2.075	2.920	13.0	20.5
5 31	18 42.06	-22 35.8	2.052	2.974	9.8	20.8	5 31	18 41.41	-23 52.3	1.988	2.912	9.9	20.3
6 10	18 34.79	-22 38.1	1.997	2.977	6.3	20.6	6 10	18 34.51	-23 57.1	1.924	2.904	6.4	20.0
6 20	18 26.08	-22 40.4	1.968	2.979	2.4	20.3	6 20	18 26.05	-24 1.0	1.885	2.896	2.5	19.8
6 30	18 16.80	-22 41.6	1.966	2.981	1.6	20.2	6 30	18 16.89	-24 2.8	1.873	2.888	1.6	19.7
7 10	18 7.91	-22 41.3	1.993	2.983	5.4	20.5	7 10	18 8.06	-24 1.9	1.889	2.879	5.6	19.9
7 20	18 0.28	-22 39.9	2.045	2.984	9.0	20.7	7 20	18 0.46	-23 58.7	1.930	2.871	9.4	20.1
7 30	17 54.61	-22 38.0	2.122	2.985	12.2	20.9	7 30	17 54.85	-23 54.2	1.995	2.863	12.7	20.3
479049	2013 <i>AX</i> ₄₇		6 26.1 238°13	4°2/25.6	17		326954	2004 <i>FG</i> ₁₃₁		6 26.1 63°54	1°5/25.9	17	
5 21	18 48.45	-33 48.4	2.158	2.994	12.9	21.8	5 21	18 49.31	-24 3.6	1.482	2.342	16.5	20.4
5 31	18 43.27	-34 28.7	2.078	2.991	10.1	21.6	5 31	18 44.46	-24 48.1	1.421	2.352	12.6	20.2
6 10	18 35.74	-35 4.1	2.021	2.988	7.2	21.4	6 10	18 36.74	-25 35.7	1.380	2.363	8.1	19.9
6 20	18 26.51	-35 30.5	1.989	2.986	4.7	21.3	6 20	18 26.95	-26 21.9	1.363	2.374	3.3	19.7
6 30	18 16.54	-35 44.8	1.984	2.983	4.5	21.3	6 30	18 16.34	-27 2.7	1.371	2.385	2.6	19.6
7 10	18 6.94	-35 45.9	2.006	2.980	6.9	21.4	7 10	18 6.35	-27 35.1	1.405	2.396	7.1	20.0
7 20	17 58.73	-35 35.0	2.053	2.977	9.9	21.6	7 20	17 58.22	-27 58.9	1.463	2.407	11.5	20.2
7 30	17 52.72	-35 14.8	2.124	2.973	12.7	21.8	7 30	17 52.85	-28 15.3	1.542	2.418	15.3	20.5
195325	2002 <i>EH</i> ₁₂₆		6 26.1 150°28	9°0/27.0	18		221169	2005 <i>TS</i> ₁₃₅		6 26.1 189°43	1°8/26.3	18	
5 21	19 0.45	-48 8.9	1.924	2.717	15.8	20.2	5 21	18 48.39	-17 52.5	2.096	2.930	13.3	21.8
5 31	18 52.97	-48 35.7	1.853	2.720	13.4	20.0	5 31	18 42.94	-17 49.7	2.013	2.929	10.2	21.6
6 10	18 42.11	-48 44.6	1.802	2.722	11.1	19.8	6 10	18 35.41	-17 51.6	1.953	2.928	6.8	21.4
6 20	18 28.94	-48 29.0	1.774	2.725	9.4	19.7	6 20	18 26.38	-17 57.5	1.918	2.926	3.2	21.2
6 30	18 15.09	-47 45.2	1.771	2.727	9.0	19.7	6 30	18 16.70	-18 6.7	1.912	2.924	2.4	21.1
7 10	18 2.32	-46 34.6	1.793	2.729	10.3	19.8	7 10	18 7.37	-18 18.4	1.933	2.921	5.8	21.3
7 20	17 52.04	-45 3.4	1.840	2.731	12.5	19.9	7 20	17 59.26	-18 32.1	1.981	2.917	9.4	21.5
7 30	17 45.10	-43 19.8	1.908	2.733	14.9	20.1	7 30	17 53.10	-18 47.5	2.052	2.913	12.6	21.7
123840	2001 <i>CF</i> ₂₂		6 26.1 159°53	0°1/26.1	18		397747	2008 <i>FL</i> ₅₄		6 26.1 66°84	3°0/26.5	17	
5 21	18 44.75	-22 29.8	2.724	3.558	10.6	20.6	5 21	18 44.37	-14 27.9	2.159	2.994	12.9	21.3
5 31	18 39.75	-22 47.0	2.643	3.562	8.0	20.4	5 31	18 39.64	-14 15.9	2.096	3.010	10.0	21.1
6 10	18 33.15	-23 5.7	2.587	3.565	5.1	20.3	6 10	18 33.12	-14 10.5	2.056	3.027	6.8	21.0
6 20	18 25.43	-23 24.5	2.558	3.569	2.0	20.0	6 20	18 25.43	-14 11.9	2.041	3.043	3.9	20.8
6 30	18 17.26	-23 42.2	2.557	3.572	1.3	20.0	6 30	18 17.33	-14 19.8	2.053	3.060	3.3	20.8
7 10	18 9.35	-23 57.8	2.586	3.575	4.4	20.2	7 10	18 9.68	-14 33.6	2.093	3.076	5.8	21.0
7 20	18 2.39	-24 11.2	2.642	3.577	7.4	20.4	7 20	18 3.18	-14 52.2	2.158	3.093	8.9	21.2
7 30	17 56.92	-24 22.4	2.723	3.580	10.0	20.6	7 30	17 58.43	-15 14.5	2.247	3.110	11.6	21.4
309702	2008 <i>FN</i> ₁₁₅		6 26.1 131°40	1°8/25.9	18		309086	2					

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
478680	2012 <i>TA</i> ₃₀₀		6 26.1 284°09	4.7/25.9	16		394003	2005 <i>UD</i> ₅₂₃		6 26.1 332°85	5.5/26.5	16	
5 21	18 45.58	-13 20.0	1.895	2.732	14.4	21.6	5 21	18 42.97	-8 59.2	2.078	2.904	13.7	21.3
5 31	18 41.07	-12 30.5	1.802	2.715	11.4	21.4	5 31	18 38.78	-8 23.4	1.999	2.900	11.1	21.1
6 10	18 34.37	-11 46.3	1.732	2.699	8.2	21.1	6 10	18 32.73	-7 57.1	1.941	2.897	8.3	20.9
6 20	18 26.03	-11 9.6	1.685	2.682	5.4	20.9	6 20	18 25.35	-7 42.3	1.908	2.894	6.0	20.8
6 30	18 16.92	-10 42.5	1.665	2.665	5.0	20.9	6 30	18 17.42	-7 40.2	1.901	2.891	5.6	20.8
7 10	18 8.06	-10 26.2	1.672	2.648	7.7	21.0	7 10	18 9.79	-7 50.7	1.920	2.888	7.5	20.9
7 20	18 0.42	-10 21.0	1.703	2.632	11.2	21.1	7 20	18 3.26	-8 12.6	1.963	2.886	10.3	21.0
7 30	17 54.79	-10 26.2	1.756	2.615	14.5	21.3	7 30	17 58.48	-8 43.7	2.030	2.884	13.0	21.2
506753	2006 <i>VJ</i> ₁₀₄		6 26.1 276°79	0.6/26.2	17		179436	2002 <i>AO</i> ₈₃		6 26.1 177°62	3.0/26.8	18	
5 21	18 48.97	-22 2.0	1.637	2.489	15.5	22.8	5 21	18 44.33	-11 36.0	2.883	3.695	10.6	21.0
5 31	18 44.31	-22 0.1	1.538	2.466	12.1	22.5	5 31	18 39.29	-11 41.8	2.798	3.697	8.4	20.9
6 10	18 36.82	-22 0.5	1.461	2.443	7.9	22.2	6 10	18 32.82	-11 54.7	2.737	3.698	5.9	20.7
6 20	18 27.10	-22 1.7	1.408	2.419	3.2	21.9	6 20	18 25.34	-12 14.6	2.703	3.699	3.6	20.5
6 30	18 16.19	-22 2.3	1.381	2.395	2.1	21.7	6 30	18 17.43	-12 41.1	2.697	3.699	3.1	20.5
7 10	18 5.45	-22 1.7	1.379	2.371	7.1	22.0	7 10	18 9.74	-13 13.0	2.721	3.699	5.0	20.6
7 20	17 56.20	-22 0.1	1.402	2.346	11.9	22.2	7 20	18 2.86	-13 49.0	2.773	3.699	7.5	20.8
7 30	17 49.52	-21 58.7	1.446	2.321	16.1	22.4	7 30	17 57.31	-14 27.7	2.849	3.698	9.9	21.0
3244	<i>Petronius</i>		6 26.1 260°06	2.4/26.0	18		174159	2002 <i>PO</i> ₆₄		6 26.1 289°00	1.6/26.1	18	
5 21	18 51.66	-28 10.0	1.560	2.412	16.2	17.7	5 21	18 48.17	-28 18.2	1.888	2.736	14.0	20.0
5 31	18 46.57	-28 26.3	1.470	2.396	12.6	17.4	5 31	18 43.32	-28 13.0	1.793	2.717	10.8	19.7
6 10	18 38.36	-28 40.5	1.400	2.380	8.3	17.1	6 10	18 35.95	-28 3.9	1.719	2.698	7.1	19.5
6 20	18 27.71	-28 48.8	1.355	2.363	3.9	16.8	6 20	18 26.69	-27 48.9	1.670	2.679	3.2	19.2
6 30	18 15.83	-28 47.9	1.334	2.346	3.2	16.7	6 30	18 16.55	-27 26.6	1.647	2.660	2.4	19.1
7 10	18 4.29	-28 36.6	1.340	2.329	7.6	16.9	7 10	18 6.73	-26 57.2	1.652	2.642	6.4	19.3
7 20	17 54.53	-28 16.7	1.369	2.311	12.3	17.1	7 20	17 58.34	-26 22.8	1.682	2.623	10.5	19.5
7 30	17 47.70	-27 51.7	1.420	2.293	16.5	17.3	7 30	17 52.28	-25 46.4	1.734	2.604	14.1	19.7
378327	2007 <i>GA</i> ₄₆		6 26.1 113°90	5.0/25.3	17		491425	2012 <i>EU</i> ₁₅		6 26.1 148°61	19.1/25.0	18	
5 21	18 52.55	-33 48.8	1.899	2.735	14.4	21.3	5 21	19 15.94	-57 39.9	1.193	1.978	24.0	21.1
5 31	18 46.63	-34 52.7	1.835	2.748	11.3	21.1	5 31	19 9.60	-60 3.0	1.149	1.984	22.0	21.0
6 10	18 38.01	-35 51.6	1.793	2.759	8.0	20.9	6 10	18 55.57	-61 58.8	1.120	1.989	20.2	20.8
6 20	18 27.44	-36 39.7	1.777	2.771	5.4	20.8	6 20	18 34.93	-63 8.3	1.107	1.994	19.2	20.8
6 30	18 16.08	-37 12.5	1.787	2.782	5.3	20.8	6 30	18 11.35	-63 16.9	1.111	1.998	19.2	20.8
7 10	18 5.25	-37 28.4	1.824	2.793	7.8	21.0	7 10	17 50.03	-62 24.0	1.133	2.001	20.2	20.9
7 20	17 56.15	-37 28.6	1.885	2.804	10.9	21.2	7 20	17 34.83	-60 42.1	1.170	2.004	21.9	21.0
7 30	17 49.63	-37 17.0	1.969	2.814	13.7	21.4	7 30	17 27.26	-58 29.8	1.223	2.007	23.8	21.2
262843	2007 <i>BO</i> ₈		6 26.1 95°97	2.5/26.9	18		438659	2008 <i>DP</i> ₈₄		6 26.1 140°67	6.9/26.7	16	
5 21	18 45.07	-12 51.7	2.439	3.262	12.0	20.4	5 21	18 43.22	-1 37.1	2.575	3.360	12.5	21.6
5 31	18 40.07	-13 18.7	2.367	3.274	9.3	20.3	5 31	18 38.53	-0 48.5	2.503	3.366	10.5	21.5
6 10	18 33.39	-13 54.1	2.318	3.286	6.4	20.1	6 10	18 32.35	+ 0 11.7	2.453	3.372	8.6	21.4
6 20	18 25.57	-14 37.0	2.295	3.297	3.5	19.9	6 20	18 25.16	+ 0 11.0	2.428	3.378	7.2	21.3
6 30	18 17.27	-15 25.6	2.301	3.309	2.7	19.9	6 30	18 17.57	+ 0 18.1	2.429	3.384	7.0	21.3
7 10	18 9.28	-16 17.7	2.335	3.320	5.2	20.1	7 10	18 10.28	+ 0 9.7	2.456	3.389	8.0	21.4
7 20	18 2.30	-17 11.4	2.397	3.331	8.1	20.3	7 20	18 3.89	+ 0 13.0	2.508	3.394	9.8	21.5
7 30	17 56.89	-18 4.8	2.484	3.343	10.8	20.5	7 30	17 58.93	-0 47.6	2.583	3.399	11.7	21.6
58574	1997 <i>RD</i> ₈		6 26.1 27°05	1.4/26.2	17		182840	2002 <i>CG</i> ₁₈		6 26.1 151°38	0.1/26.2	18	
5 21	18 45.80	-20 54.7	0.997	1.884	20.5	18.5	5 21	18 45.62	-21 34.1	2.805	3.635	10.4	21.2
5 31	18 42.58	-20 44.4	0.948	1.893	15.7	18.2	5 31	18 40.36	-21 57.0	2.726	3.642	7.9	21.0
6 10	18 35.85	-20 39.1	0.916	1.904	10.1	18.0	6 10	18 33.54	-22 22.0	2.672	3.649	5.1	20.9
6 20	18 26.66	-20 37.9	0.904	1.916	4.2	17.7	6 20	18 25.64	-22 47.6	2.646	3.656	2.0	20.7
6 30	18 16.62	-20 39.4	0.914	1.928	2.8	17.6	6 30	18 17.29	-23 12.5	2.648	3.663	1.2	20.6
7 10	18 7.54	-20 42.9	0.945	1.942	8.5	18.0	7 10	18 9.21	-23 35.5	2.680	3.669	4.3	20.8
7 20	18 0.88	-20 48.3	0.998	1.957	13.8	18.3	7 20	18 2.04	-23 56.0	2.740	3.674	7.2	21.0
7 30	17 57.57	-20 55.7	1.068	1.972	18.3	18.7	7 30	17 56.34	-24 14.2	2.825	3.679	9.7	21.2
279228	2009 <i>UK</i> ₁₀₉		6 26.1 183°98	1.8/25.9	17		66034	1998 <i>QY</i> ₆₉		6 26.1 218°22	4.0/26.4	18	
5 21	18 50.14	-27 34.1	2.146	2.983	12.9	21.8	5 21	18 45.76	-12 14.9	2.248	3.072	12.8	19.3
5 31	18 44.39	-27 57.5	2.064	2.983	9.9	21.6	5 31	18 40.81	-11 46.9	2.161	3.066	10.2	19.1
6 10	18 36.39	-28 19.5	2.006	2.983	6.5	21.4	6 10	18 33.99	-11 25.7	2.096	3.060	7.3	18.9
6 20	18 26.79	-28 37.3	1.974	2.982	3.0	21.2	6 20	18 25.86	-11 12.4	2.057	3.053	4.7	18.7
6 30	18 16.50	-28 48.5	1.970	2.981	2.5	21.1	6 30	18 17.14	-11 7.9	2.046	3.045	4.3	18.7
7 10	18 6.58	-28 52.2	1.993	2.979	5.8	21.3	7 10	18 8.69	-11 12.0	2.062	3.038	6.5	18.8
7 20	17 58.00	-28 49.1	2.044	2.977	9.3	21.5	7 20	18 1.30	-11 24.1	2.104	3.030	9.5	18.9
7 30	17 51.54	-28 41.0	2.117	2.974	12.5	21.7	7 30	17 55.61	-11 43.2	2.169	3.021	12.4	19.1
439192	2012 <i>AZ</i> ₁		6 26.1 254°85	0.9/26.2	18		31649	1999 <i>GL</i> ₅₅		6 26.1 185°13	0.5/26.1	18	
5 21	18 47.68	-27 46.9	2.543	3.376	11.3	21.3	5 21	18 46.37	-24 33.4	2.162	3.005	12.6	18.2
5 31	18 42.20	-27 30.1	2.445	3.362	8.7	21.1	5 31	18 41.43	-24 41.0	2.082	3.005	9.6	18.0
6 10	18 34.84	-27 9.8	2.370	3.347	5.6	20.8	6 10	18 34.46	-24 48.7	2.025	3.005	6.2	17.8
6 20	18 26.16	-26 44.7	2.322	3.332	2.4	20.6	6 20	18 26.04	-24 54.8	1.994	3.005	2.4	17.6
6 30	18 16.90	-26 14.5	2.303	3.316	1.7	20.5	6 30	18 17.03	-24 58.0	1.990	3.005	1.6	17.5
7 10	18 7.95	-25 39.8	2.313	3.301	5.0	20.7	7 10	18 8.39	-24 57.9	2.014	3.004	5.4	17.7
7 20	18 0.08	-25 2.4	2.350	3.285	8.2	20.9	7 20	18 0.98	-24 54.8	2.064	3.004	8.9	18.0
7 30	17 53.95	-24 24.3	2.412	3.269	11.1	21.1	7 30	17 55.49	-24 49.9	2.138	3.003	12.0	18.2
110877	2001 <i>UY</i> ₉₈		6 26.1 248°07	1.9/26.3	18		464549	2016 <i>CC</i>					

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6 26.1

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
476040	2007 <i>RU</i> ₂₈₀	6 26.1 261°95		0°3/26.1 18			74127	1998 <i>QG</i> ₆₁	6 26.1 329°59		4°1/26.4 17		
5 21	18 48.47	-24 11.9	2.146	2.985	12.8	21.2	5 21	18 41.27	-15 18.5	1.373	2.241	17.1	19.5
5 31	18 43.14	-23 48.2	2.047	2.968	9.9	21.0	5 31	18 38.70	-14 53.9	1.284	2.217	13.5	19.3
6 10	18 35.64	-23 22.7	1.972	2.951	6.4	20.7	6 10	18 33.35	-14 37.4	1.215	2.194	9.4	19.0
6 20	18 26.54	-22 54.7	1.922	2.933	2.5	20.4	6 20	18 25.83	-14 30.7	1.167	2.173	5.4	18.7
6 30	18 16.72	-22 24.1	1.901	2.915	1.6	20.3	6 30	18 17.17	-14 34.6	1.143	2.152	4.6	18.6
7 10	18 7.20	-21 51.8	1.908	2.897	5.7	20.6	7 10	18 8.74	-14 49.0	1.142	2.132	8.4	18.7
7 20	17 58.89	-21 19.5	1.941	2.879	9.5	20.8	7 20	18 1.84	-15 12.7	1.163	2.114	13.1	18.9
7 30	17 52.59	-20 49.0	1.997	2.860	12.9	20.9	7 30	17 57.55	-15 43.8	1.203	2.097	17.5	19.1
432686	2011 <i>BF</i> ₅₅	6 26.1 98°97		2°9/25.9 17			350989	2003 <i>GC</i> ₁₂	6 26.1 130°77		4°3/25.9 18		
5 21	18 52.03	-30 14.9	1.761	2.606	15.0	21.8	5 21	18 49.27	-36 7.9	2.337	3.164	12.3	20.8
5 31	18 46.11	-30 37.0	1.700	2.621	11.5	21.7	5 31	18 43.67	-36 33.7	2.262	3.168	9.8	20.6
6 10	18 37.57	-30 54.7	1.661	2.637	7.7	21.5	6 10	18 35.90	-36 52.4	2.211	3.173	7.0	20.4
6 20	18 27.26	-31 4.4	1.646	2.652	4.0	21.3	6 20	18 26.62	-37 0.6	2.185	3.177	4.8	20.3
6 30	18 16.34	-31 3.7	1.658	2.667	3.4	21.3	6 30	18 16.77	-36 55.9	2.186	3.181	4.6	20.3
7 10	18 6.13	-30 52.4	1.696	2.681	6.8	21.5	7 10	18 7.39	-36 38.3	2.215	3.185	6.6	20.4
7 20	17 57.71	-30 32.6	1.760	2.696	10.5	21.7	7 20	17 59.40	-36 9.7	2.269	3.189	9.2	20.6
7 30	17 51.87	-30 7.5	1.846	2.710	13.7	22.0	7 30	17 53.51	-35 33.3	2.347	3.192	11.8	20.8
186872	2004 <i>HE</i> ₄₄	6 26.1 11°93		4°5/25.9 18			439307	2012 <i>VG</i> ₅₈	6 26.1 265°78		2°1/25.8 16		
5 21	18 48.20	-31 47.6	1.330	2.197	17.6	20.0	5 21	18 47.58	-27 6.4	1.961	2.808	13.6	21.6
5 31	18 44.18	-32 20.8	1.267	2.199	13.7	19.7	5 31	18 42.74	-27 43.3	1.880	2.804	10.4	21.4
6 10	18 36.85	-32 48.4	1.222	2.201	9.4	19.5	6 10	18 35.52	-28 20.3	1.821	2.800	6.9	21.1
6 20	18 27.11	-33 5.2	1.200	2.204	5.5	19.3	6 20	18 26.55	-28 53.9	1.787	2.796	3.2	20.9
6 30	18 16.40	-33 7.0	1.201	2.208	5.0	19.2	6 30	18 16.78	-29 21.1	1.781	2.792	2.8	20.9
7 10	18 6.43	-32 53.3	1.226	2.212	8.6	19.5	7 10	18 7.33	-29 40.0	1.801	2.788	6.3	21.1
7 20	17 58.63	-32 26.9	1.273	2.217	12.9	19.7	7 20	17 59.26	-29 50.6	1.847	2.783	10.0	21.3
7 30	17 54.01	-31 52.5	1.340	2.223	16.7	20.0	7 30	17 53.40	-29 54.4	1.915	2.779	13.3	21.5
94975	2001 <i>YP</i> ₁₁₂	6 26.1 285°44		5°7/26.3 18			192261	2008 <i>HB</i> ₆	6 26.1 35°33		1°6/26.3 18		
5 21	18 46.91	-12 25.4	1.393	2.246	17.8	19.1	5 21	18 44.12	-18 16.5	2.252	3.092	12.3	21.4
5 31	18 42.93	-11 46.5	1.307	2.228	14.3	18.8	5 31	18 39.58	-18 12.4	2.173	3.092	9.5	21.2
6 10	18 36.04	-11 17.3	1.239	2.210	10.3	18.5	6 10	18 33.22	-18 12.3	2.117	3.093	6.2	21.0
6 20	18 26.86	-11 0.4	1.194	2.192	6.7	18.3	6 20	18 25.58	-18 15.9	2.086	3.094	2.9	20.7
6 30	18 16.50	-10 57.7	1.172	2.175	6.1	18.2	6 30	18 17.42	-18 22.5	2.083	3.095	2.1	20.7
7 10	18 6.40	-11 9.6	1.174	2.157	9.4	18.3	7 10	18 9.59	-18 31.6	2.108	3.096	5.3	20.9
7 20	17 57.89	-11 34.8	1.199	2.139	13.8	18.5	7 20	18 2.84	-18 42.7	2.158	3.097	8.6	21.1
7 30	17 52.09	-12 11.0	1.243	2.121	18.0	18.7	7 30	17 57.81	-18 55.6	2.233	3.099	11.6	21.3
469992	2006 <i>JP</i> ₃₄	6 26.1 327°18		2°9/25.7 16			520325	2014 <i>GC</i> ₆₀	6 26.1 135°25		1°7/26.4 17		
5 21	18 47.59	-28 40.1	1.783	2.634	14.5	21.8	5 21	18 45.21	-17 51.7	2.288	3.124	12.3	21.8
5 31	18 42.99	-29 20.4	1.705	2.631	11.2	21.6	5 31	18 40.35	-17 52.1	2.211	3.129	9.4	21.6
6 10	18 35.80	-29 59.7	1.649	2.627	7.5	21.3	6 10	18 33.68	-17 56.9	2.157	3.133	6.2	21.4
6 20	18 26.67	-30 33.9	1.618	2.624	3.9	21.1	6 20	18 25.76	-18 5.5	2.130	3.137	2.9	21.2
6 30	18 16.67	-30 59.4	1.612	2.621	3.5	21.1	6 30	18 17.33	-18 17.2	2.130	3.142	2.1	21.2
7 10	18 7.06	-31 14.2	1.633	2.618	6.9	21.3	7 10	18 9.23	-18 31.2	2.158	3.146	5.3	21.4
7 20	17 58.99	-31 18.9	1.678	2.616	10.8	21.5	7 20	18 2.23	-18 46.9	2.212	3.150	8.5	21.6
7 30	17 53.37	-31 15.4	1.746	2.613	14.2	21.7	7 30	17 56.94	-19 3.9	2.291	3.153	11.4	21.8
61932	2000 <i>RN</i> ₆	6 26.1 303°85		0°4/26.2 17			42593	Antoniuzzi	6 26.1 353°63		1°8/25.8 18		
5 21	18 46.67	-22 11.8	1.286	2.157	17.8	19.7	5 21	18 41.78	-23 28.1	1.258	2.138	17.5	17.9
5 31	18 43.23	-22 15.3	1.198	2.136	13.8	19.4	5 31	18 39.38	-24 22.7	1.187	2.130	13.4	17.6
6 10	18 36.50	-22 22.5	1.129	2.115	9.1	19.1	6 10	18 33.91	-25 23.8	1.136	2.124	8.7	17.3
6 20	18 27.12	-22 31.5	1.082	2.094	3.6	18.7	6 20	18 26.06	-26 26.7	1.107	2.119	3.7	17.0
6 30	18 16.32	-22 40.3	1.058	2.073	2.3	18.6	6 30	18 17.08	-27 25.9	1.101	2.115	2.9	16.9
7 10	18 5.75	-22 47.5	1.058	2.053	8.1	18.9	7 10	18 8.52	-28 16.7	1.119	2.113	8.0	17.2
7 20	17 57.01	-22 52.9	1.080	2.033	13.6	19.1	7 20	18 1.82	-28 57.0	1.158	2.112	12.9	17.5
7 30	17 51.38	-22 57.7	1.121	2.014	18.5	19.3	7 30	17 58.11	-29 27.0	1.218	2.113	17.1	17.8
472430	2015 <i>BK</i> ₂₉₇	6 26.1 81°53		3°6/26.8 17			333193	2012 <i>FJ</i> ₆₄	6 26.1 211°23		1°5/26.3 17		
5 21	18 47.60	-12 52.9	1.756	2.593	15.3	21.7	5 21	18 50.07	-19 9.0	1.836	2.677	14.6	21.9
5 31	18 42.49	-12 57.6	1.696	2.610	12.0	21.6	5 31	18 44.62	-19 6.8	1.751	2.671	11.3	21.6
6 10	18 35.16	-13 12.5	1.657	2.627	8.2	21.4	6 10	18 36.73	-19 8.9	1.687	2.665	7.4	21.4
6 20	18 26.32	-13 37.2	1.642	2.644	4.7	21.2	6 20	18 27.03	-19 14.4	1.649	2.658	3.3	21.1
6 30	18 16.95	-14 10.4	1.654	2.661	3.9	21.2	6 30	18 16.50	-19 22.3	1.637	2.651	2.3	21.0
7 10	18 8.11	-14 50.0	1.692	2.678	6.8	21.4	7 10	18 6.32	-19 31.7	1.653	2.642	6.4	21.3
7 20	18 0.73	-15 33.6	1.756	2.694	10.3	21.6	7 20	17 57.54	-19 42.4	1.695	2.634	10.5	21.5
7 30	17 55.52	-16 19.2	1.843	2.710	13.5	21.9	7 30	17 51.04	-19 54.4	1.759	2.625	14.2	21.7
346514	2008 <i>UD</i> ₁₄₉	6 26.1 300°46		2°0/25.9 18			173579	2001 <i>BT</i> ₇₃	6 26.2 225°91		1°7/26.3 17		
5 21	18 47.84	-26 34.4	1.664	2.519	15.2	20.8	5 21	18 49.72	-18 57.5	1.766	2.610	15.0	21.0
5 31	18 43.70	-26 59.9	1.557	2.486	11.9	20.5	5 31	18 44.48	-18 54.9	1.679	2.601	11.6	20.7
6 10	18 36.63	-27 26.5	1.472	2.453	7.9	20.1	6 10	18 36.71	-18 57.0	1.614	2.592	7.6	20.5
6 20	18 27.15	-27 50.8	1.410	2.420	3.6	19.8	6 20	18 27.05	-19 2.9	1.574	2.583	3.4	20.2
6 30	18 16.29	-28 9.0	1.374	2.387	2.9	19.7	6 30	18 16.50	-19 11.6	1.560	2.573	2.4	20.1
7 10	18 5.43	-28 19.0	1.364	2.353	7.4	19.9	7 10	18 6.26	-19 22.3	1.573	2.563	6.6	20.3
7 20	17 55.98	-28 20.6	1.377	2.320	12.2	20.1	7 20	17 57.47	-19 34.4	1.611	2.552	10.9	20.6
7 30	17 49.16	-28 15.7	1.412	2.287	16.5	20.2	7 30	17 51.01	-19 48.1	1.672	2.540	14.7	20.8
368900	2006 <i>SL</i> ₂₅₇	6 26.1 307°33		1°2/26.2 18			442951	2013 <i>CU</i> ₁₀₄	6 26.2 38°38		4°8/25.9 18		

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6 26.2

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
295052	2008 <i>EN</i> ₁₁₂		6 26.2	13 ^o 14	6 ^o 5/26.5	16	388755	2007 <i>WU</i> ₂₈		6 26.2	305 ^o 78	2 ^o 5/26.0	18
5 21	18 42.58	- 6 50.8	2.002	2.824	14.3	20.6	5 21	18 47.47	-29 38.5	1.893	2.741	13.9	21.0
5 31	18 38.52	- 6 2.8	1.930	2.826	11.7	20.4	5 31	18 42.75	-29 51.8	1.809	2.733	10.8	20.7
6 10	18 32.59	- 5 26.1	1.880	2.828	9.0	20.2	6 10	18 35.58	-30 1.7	1.748	2.726	7.2	20.5
6 20	18 25.35	- 5 3.0	1.853	2.830	7.0	20.1	6 20	18 26.61	-30 5.1	1.711	2.718	3.6	20.3
6 30	18 17.60	- 4 55.3	1.852	2.833	6.6	20.1	6 30	18 16.86	-30 0.0	1.701	2.711	3.0	20.2
7 10	18 10.21	- 5 3.0	1.876	2.836	8.3	20.2	7 10	18 7.51	-29 46.0	1.717	2.704	6.5	20.4
7 20	18 3.96	- 5 24.7	1.924	2.840	10.8	20.4	7 20	17 59.64	-29 24.5	1.758	2.697	10.2	20.6
7 30	17 59.48	- 5 57.9	1.994	2.844	13.4	20.5	7 30	17 54.09	-28 58.4	1.822	2.691	13.6	20.8
481433	2006 <i>UF</i> ₂₇₂		6 26.2	289 ^o 14	3 ^o 3/26.2	18	170405	2003 <i>UK</i> ₄		6 26.2	121 ^o 71	6 ^o 0/26.1	18
5 21	18 44.61	-15 36.0	2.093	2.931	13.2	20.9	5 21	18 52.67	- 8 43.1	2.096	2.900	14.3	20.5
5 31	18 40.14	-15 0.9	2.003	2.919	10.3	20.7	5 31	18 45.79	- 7 34.2	2.037	2.924	11.5	20.4
6 10	18 33.69	-14 30.1	1.936	2.908	7.1	20.5	6 10	18 37.01	- 6 34.2	2.001	2.947	8.7	20.2
6 20	18 25.81	-14 4.7	1.894	2.896	4.1	20.3	6 20	18 27.02	- 5 45.8	1.991	2.969	6.5	20.2
6 30	18 17.30	-13 45.8	1.879	2.885	3.7	20.2	6 30	18 16.68	- 5 11.4	2.009	2.990	6.2	20.2
7 10	18 9.06	-13 33.9	1.891	2.874	6.4	20.4	7 10	18 6.94	- 4 51.6	2.055	3.010	8.0	20.3
7 20	18 1.94	-13 29.2	1.929	2.862	9.8	20.5	7 20	17 58.57	- 4 45.8	2.127	3.029	10.6	20.5
7 30	17 56.65	-13 31.5	1.989	2.851	12.9	20.7	7 30	17 52.16	- 4 52.3	2.222	3.047	13.0	20.7
288684	2004 <i>PC</i> ₉₈		6 26.2	332 ^o 54	1 ^o 6/26.6	18	395923	2013 <i>AD</i> ₉₃		6 26.2	192 ^o 68	0 ^o 1/26.2	18
5 21	18 44.41	-16 4.7	2.015	2.857	13.5	20.0	5 21	18 45.90	-21 18.8	2.246	3.086	12.3	21.0
5 31	18 40.15	-16 41.2	1.930	2.850	10.4	19.8	5 31	18 41.07	-21 49.0	2.164	3.085	9.4	20.8
6 10	18 33.80	-17 26.7	1.867	2.844	6.9	19.5	6 10	18 34.28	-22 23.0	2.106	3.085	6.0	20.6
6 20	18 25.89	-18 19.5	1.830	2.838	3.2	19.3	6 20	18 26.07	-22 58.6	2.073	3.084	2.3	20.4
6 30	18 17.23	-19 17.1	1.820	2.833	2.1	19.2	6 30	18 17.22	-23 33.6	2.069	3.084	1.5	20.3
7 10	18 8.80	-20 16.5	1.837	2.828	5.7	19.4	7 10	18 8.65	-24 6.2	2.093	3.083	5.2	20.6
7 20	18 1.51	-21 15.1	1.881	2.823	9.5	19.7	7 20	18 1.19	-24 35.5	2.143	3.082	8.7	20.8
7 30	17 56.12	-22 11.0	1.948	2.818	12.8	19.9	7 30	17 55.53	-25 1.2	2.218	3.081	11.7	21.0
398866	2013 <i>CR</i> ₅₈		6 26.2	68 ^o 68	0 ^o 5/26.1	17	248618	2006 <i>DM</i> ₂₁₅		6 26.2	359 ^o 95	6 ^o 3/26.6	17
5 21	18 45.67	-24 4.7	2.225	3.068	12.3	21.0	5 21	18 44.00	-12 21.5	1.121	1.992	19.9	20.2
5 31	18 40.75	-24 20.2	2.160	3.083	9.3	20.8	5 31	18 40.99	-11 39.4	1.058	1.990	15.8	20.0
6 10	18 33.94	-24 36.4	2.118	3.098	6.0	20.7	6 10	18 34.86	-11 9.9	1.013	1.988	11.4	19.7
6 20	18 25.86	-24 51.5	2.101	3.112	2.3	20.4	6 20	18 26.42	-10 56.2	0.988	1.988	7.4	19.5
6 30	18 17.32	-25 3.9	2.113	3.127	1.6	20.4	6 30	18 17.00	-11 0.1	0.985	1.988	6.6	19.5
7 10	18 9.21	-25 12.9	2.152	3.142	5.1	20.7	7 10	18 8.18	-11 20.9	1.003	1.990	10.0	19.6
7 20	18 2.33	-25 18.5	2.218	3.157	8.4	20.9	7 20	18 1.35	-11 55.8	1.043	1.992	14.5	19.9
7 30	17 57.27	-25 21.7	2.307	3.172	11.3	21.1	7 30	17 57.51	-12 40.9	1.100	1.995	18.6	20.2
478387	2012 <i>BF</i> ₂₂		6 26.2	235 ^o 48	1 ^o 1/26.3	17	508112	2015 <i>DU</i> ₂₀₅		6 26.2	244 ^o 78	11 ^o 7/27.1	18
5 21	18 44.87	-19 22.8	2.969	3.795	10.0	23.2	5 21	18 44.89	+ 7 28.0	2.039	2.792	16.3	21.5
5 31	18 39.82	-19 19.4	2.867	3.780	7.7	23.0	5 31	18 40.38	+ 8 36.6	1.960	2.782	14.6	21.3
6 10	18 33.26	-19 18.4	2.789	3.764	5.0	22.8	6 10	18 33.88	+ 9 25.8	1.901	2.773	13.0	21.2
6 20	18 25.61	-19 19.1	2.739	3.748	2.2	22.6	6 20	18 25.93	+ 9 50.6	1.862	2.763	11.9	21.1
6 30	18 17.45	-19 21.2	2.718	3.731	1.6	22.5	6 30	18 17.31	+ 9 47.5	1.846	2.753	11.7	21.0
7 10	18 9.44	-19 24.3	2.727	3.714	4.4	22.7	7 10	18 8.93	+ 9 16.4	1.852	2.743	12.5	21.1
7 20	18 2.22	-19 28.4	2.763	3.696	7.2	22.9	7 20	18 1.65	+ 8 19.6	1.881	2.732	14.0	21.2
7 30	17 56.34	-19 33.6	2.825	3.678	9.8	23.0	7 30	17 56.17	+ 7 2.1	1.929	2.721	15.9	21.3
176327	2001 <i>SP</i> ₂₅₁		6 26.2	182 ^o 10	4 ^o 1/26.5	18	255467	2005 <i>YG</i> ₉₈		6 26.2	56 ^o 09	0 ^o 2/26.1	18
5 21	18 44.45	-11 11.9	2.430	3.250	12.1	20.6	5 21	18 44.83	-23 1.2	2.274	3.116	12.1	21.3
5 31	18 39.65	-10 44.3	2.349	3.250	9.6	20.4	5 31	18 40.19	-23 17.3	2.197	3.119	9.2	21.1
6 10	18 33.19	-10 23.8	2.291	3.251	7.0	20.3	6 10	18 33.66	-23 35.0	2.143	3.122	5.9	20.9
6 20	18 25.57	-10 11.5	2.259	3.250	4.7	20.1	6 20	18 25.81	-23 52.7	2.115	3.126	2.3	20.7
6 30	18 17.49	-10 8.0	2.254	3.250	4.3	20.1	6 30	18 17.41	-24 8.7	2.114	3.129	1.5	20.6
7 10	18 9.70	-10 13.4	2.276	3.249	6.2	20.2	7 10	18 9.35	-24 22.3	2.142	3.132	5.1	20.9
7 20	18 2.88	-10 26.7	2.325	3.248	8.9	20.4	7 20	18 2.41	-24 33.1	2.196	3.136	8.4	21.1
7 30	17 57.61	-10 46.9	2.398	3.247	11.4	20.6	7 30	17 57.25	-24 41.5	2.274	3.139	11.4	21.3
278302	2007 <i>GO</i> ₇₇		6 26.2	313 ^o 80	1 ^o 0/26.3	17	521032	2015 <i>CP</i> ₇₀		6 26.2	168 ^o 63	8 ^o 0/27.2	17
5 21	18 45.29	-18 42.2	1.557	2.416	15.9	20.1	5 21	18 45.95	- 1 58.6	1.998	2.796	15.2	21.9
5 31	18 41.55	-19 11.4	1.470	2.400	12.3	19.9	5 31	18 41.10	- 1 17.6	1.925	2.798	12.7	21.7
6 10	18 35.09	-19 49.4	1.403	2.385	8.1	19.6	6 10	18 34.27	- 0 51.6	1.872	2.800	10.3	21.6
6 20	18 26.51	-20 34.2	1.360	2.370	3.4	19.3	6 20	18 26.06	- 0 43.6	1.842	2.802	8.5	21.4
6 30	18 16.83	-21 22.8	1.341	2.356	2.1	19.1	6 30	18 17.27	- 0 55.1	1.838	2.803	8.1	21.4
7 10	18 7.36	-22 12.0	1.349	2.342	7.0	19.4	7 10	18 8.82	- 1 25.5	1.859	2.804	9.4	21.5
7 20	17 59.36	-22 59.2	1.380	2.328	11.7	19.6	7 20	18 1.55	- 2 12.2	1.904	2.805	11.7	21.6
7 30	17 53.87	-23 43.0	1.433	2.315	15.8	19.9	7 30	17 56.13	- 3 11.4	1.971	2.806	14.1	21.8
152121	2004 <i>RA</i> ₃₁₅		6 26.2	340 ^o 78	0 ^o 5/26.1	18	153905	2001 <i>XC</i> ₂₃₄		6 26.2	173 ^o 41	1 ^o 2/26.0	18
5 21	18 43.72	-23 48.2	1.894	2.749	13.7	20.0	5 21	18 49.76	-25 25.6	2.034	2.874	13.4	21.1
5 31	18 39.80	-24 1.6	1.812	2.741	10.4	19.7	5 31	18 44.20	-25 47.5	1.956	2.877	10.3	20.9
6 10	18 33.63	-24 16.5	1.752	2.734	6.7	19.5	6 10	18 36.37	-26 9.6	1.900	2.879	6.6	20.7
6 20	18 25.84	-24 31.0	1.717	2.728	2.6	19.2	6 20	18 26.90	-26 29.3	1.870	2.880	2.8	20.4
6 30	18 17.31	-24 43.4	1.707	2.722	1.7	19.2	6 30	18 16.74	-26 44.3	1.868	2.881	2.0	20.4
7 10	18 9.11	-24 52.6	1.724	2.716	5.9	19.4	7 10	18 6.97	-26 53.5	1.893	2.882	5.8	20.6
7 20	18 2.22	-24 58.5	1.767	2.712	9.8	19.6	7 20	17 58.57	-26 57.3	1.945	2.882	9.5	20.9
7 30	17 57.43	-25 2.0	1.831	2.707	13.2								

EPHEMERIDES

6 26.2

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
105877	2000 <i>SJ</i> ₁₇₇		6 26.2 257°65	3°9/25.8	18		412447	2014 <i>GO</i> ₄		6 26.2 8°03	0°3/26.2	16	
5 21	18 48.30	-34 32.8	2.386	3.216	12.0	20.3	5 21	18 43.13	-22 29.9	1.577	2.442	15.4	20.5
5 31	18 43.06	-35 1.9	2.296	3.205	9.5	20.1	5 31	18 39.62	-22 28.9	1.510	2.444	11.8	20.3
6 10	18 35.65	-35 25.7	2.229	3.194	6.8	19.9	6 10	18 33.64	-22 30.0	1.463	2.447	7.6	20.0
6 20	18 26.64	-35 40.6	2.187	3.183	4.4	19.7	6 20	18 25.90	-22 31.9	1.439	2.451	3.0	19.7
6 30	18 16.91	-35 44.1	2.173	3.171	4.2	19.7	6 30	18 17.48	-22 33.4	1.441	2.456	1.8	19.7
7 10	18 7.48	-35 35.4	2.186	3.159	6.4	19.8	7 10	18 9.57	-22 34.2	1.468	2.462	6.4	20.0
7 20	17 59.28	-35 15.7	2.225	3.147	9.3	19.9	7 20	18 3.22	-22 34.4	1.518	2.468	10.7	20.2
7 30	17 53.09	-34 47.8	2.288	3.135	12.0	20.1	7 30	17 59.24	-22 34.6	1.590	2.476	14.4	20.5
92789	2000 <i>QF</i> ₁₄₆		6 26.2 4°68	3°7/25.7	18		22021	1999 <i>XQ</i> ₁₀₈		6 26.2 59°15	0°3/26.2	18	
5 21	18 46.00	-28 36.0	1.317	2.189	17.4	18.6	5 21	18 44.91	-22 2.4	2.196	3.039	12.4	18.6
5 31	18 42.56	-29 27.8	1.252	2.188	13.5	18.4	5 31	18 40.25	-22 10.5	2.126	3.049	9.5	18.4
6 10	18 35.92	-30 19.2	1.206	2.189	9.0	18.1	6 10	18 33.70	-22 20.6	2.078	3.058	6.0	18.2
6 20	18 26.88	-31 4.5	1.183	2.190	4.8	17.9	6 20	18 25.85	-22 31.2	2.057	3.067	2.4	18.0
6 30	18 16.77	-31 38.3	1.183	2.192	4.4	17.9	6 30	18 17.52	-22 41.3	2.062	3.077	1.5	17.9
7 10	18 7.26	-31 58.0	1.207	2.196	8.4	18.1	7 10	18 9.58	-22 50.1	2.096	3.087	5.1	18.2
7 20	17 59.77	-32 4.2	1.254	2.200	12.8	18.4	7 20	18 2.82	-22 57.6	2.156	3.097	8.5	18.4
7 30	17 55.36	-31 59.9	1.320	2.205	16.8	18.6	7 30	17 57.88	-23 3.9	2.239	3.106	11.5	18.6
295309	2008 <i>GJ</i> ₁₂₃		6 26.2 351°56	1°9/26.1	18		381445	2008 <i>QN</i> ₃₃		6 26.2 167°20	8°2/25.5	18	
5 21	18 45.38	-28 8.8	1.970	2.820	13.4	20.6	5 21	18 55.69	-44 21.1	2.001	2.810	14.7	20.7
5 31	18 41.00	-28 19.2	1.891	2.817	10.3	20.4	5 31	18 49.45	-45 21.6	1.931	2.812	12.4	20.5
6 10	18 34.37	-28 27.3	1.835	2.815	6.7	20.2	6 10	18 40.09	-46 9.5	1.882	2.814	10.1	20.4
6 20	18 26.15	-28 30.7	1.804	2.813	3.1	19.9	6 20	18 28.46	-46 38.3	1.857	2.815	8.5	20.3
6 30	18 17.27	-28 27.7	1.799	2.811	2.5	19.9	6 30	18 15.88	-46 43.0	1.857	2.816	8.4	20.3
7 10	18 8.80	-28 18.1	1.821	2.810	6.0	20.1	7 10	18 3.94	-46 23.0	1.881	2.817	9.9	20.4
7 20	18 1.69	-28 2.9	1.868	2.809	9.6	20.3	7 20	17 54.01	-45 41.8	1.930	2.818	12.1	20.5
7 30	17 56.72	-27 44.0	1.937	2.808	12.8	20.5	7 30	17 47.05	-44 45.3	1.999	2.819	14.5	20.7
184835	2005 <i>UG</i> ₂₁		6 26.2 70°09	2°1/25.9	18		146872	2002 <i>AE</i> ₁₉₁		6 26.2 115°94	4°2/26.3	18	
5 21	18 46.57	-29 1.1	2.227	3.068	12.4	20.6	5 21	18 45.09	-10 51.7	2.602	3.416	11.6	20.4
5 31	18 41.60	-29 19.4	2.154	3.074	9.5	20.4	5 31	18 39.93	-10 9.7	2.533	3.430	9.2	20.2
6 10	18 34.60	-29 35.1	2.104	3.081	6.3	20.2	6 10	18 33.27	-9 34.2	2.489	3.444	6.7	20.1
6 20	18 26.20	-29 45.8	2.080	3.087	3.1	20.0	6 20	18 25.64	-9 6.6	2.470	3.458	4.7	20.0
6 30	18 17.26	-29 49.5	2.083	3.093	2.6	20.0	6 30	18 17.68	-8 47.9	2.479	3.471	4.4	20.0
7 10	18 8.73	-29 46.0	2.114	3.100	5.6	20.2	7 10	18 10.07	-8 38.4	2.517	3.484	6.1	20.1
7 20	18 1.48	-29 36.1	2.171	3.106	8.8	20.4	7 20	18 3.44	-8 37.7	2.581	3.497	8.4	20.3
7 30	17 56.17	-29 21.5	2.252	3.113	11.6	20.6	7 30	17 58.27	-8 44.9	2.669	3.509	10.7	20.4
60403	2000 <i>BK</i> ₃₀		6 26.2 219°14	2°5/26.5	18		385413	2003 <i>AS</i> ₇₁		6 26.2 172°17	10°1/27.7	17	
5 21	18 45.96	-15 40.7	2.137	2.971	13.1	19.8	5 21	19 7.92	-45 40.8	1.254	2.078	21.0	20.8
5 31	18 41.15	-15 40.1	2.052	2.967	10.2	19.6	5 31	19 0.17	-45 58.8	1.188	2.080	17.6	20.6
6 10	18 34.36	-15 46.0	1.990	2.963	6.9	19.4	6 10	18 47.51	-45 53.9	1.138	2.082	14.0	20.4
6 20	18 26.14	-15 58.0	1.953	2.958	3.6	19.2	6 20	18 31.39	-45 15.4	1.109	2.083	11.0	20.2
6 30	18 17.28	-16 15.4	1.944	2.953	2.8	19.1	6 30	18 14.24	-43 57.7	1.103	2.084	10.2	20.2
7 10	18 8.71	-16 37.2	1.962	2.948	5.8	19.3	7 10	17 58.79	-42 5.0	1.121	2.084	12.3	20.3
7 20	18 1.25	-17 2.4	2.006	2.943	9.3	19.5	7 20	17 47.05	-39 49.4	1.162	2.084	15.8	20.5
7 30	17 55.62	-17 29.9	2.074	2.938	12.4	19.7	7 30	17 40.02	-37 25.7	1.223	2.083	19.4	20.7
163140	2002 <i>CU</i> ₄₇		6 26.2 185°02	0°1/26.2	17		519017	2010 <i>JM</i> ₁₁₅		6 26.2 1°25	9°4/24.6	16	
5 21	18 52.28	-24 25.2	1.599	2.449	16.0	20.2	5 21	18 47.33	-40 28.3	1.431	2.283	17.4	20.1
5 31	18 46.60	-24 7.8	1.523	2.449	12.3	20.0	5 31	18 43.99	-42 1.8	1.369	2.280	14.4	19.9
6 10	18 38.13	-23 49.0	1.468	2.449	7.9	19.7	6 10	18 37.09	-43 25.0	1.326	2.279	11.6	19.7
6 20	18 27.65	-23 27.6	1.437	2.449	3.1	19.4	6 20	18 27.44	-44 28.9	1.305	2.279	9.6	19.6
6 30	18 16.37	-23 3.0	1.433	2.448	1.9	19.4	6 30	18 16.52	-45 6.0	1.307	2.281	9.7	19.6
7 10	18 5.68	-22 36.1	1.455	2.446	6.8	19.7	7 10	18 6.21	-45 13.8	1.331	2.283	11.8	19.7
7 20	17 56.77	-22 8.9	1.502	2.445	11.3	19.9	7 20	17 58.16	-44 55.1	1.376	2.287	14.6	19.9
7 30	17 50.56	-21 43.7	1.570	2.443	15.2	20.2	7 30	17 53.56	-44 16.4	1.440	2.291	17.5	20.1
413282	2003 <i>UO</i> ₈₉		6 26.2 254°11	0°4/26.2	17		394790	2008 <i>KS</i> ₂₈		6 26.2 106°51	1°5/26.7	18	
5 21	18 50.74	-24 2.7	1.702	2.550	15.2	21.8	5 21	18 47.30	-14 59.6	2.582	3.402	11.5	20.4
5 31	18 45.59	-24 7.1	1.608	2.534	11.8	21.6	5 31	18 41.77	-15 46.6	2.508	3.416	8.8	20.3
6 10	18 37.65	-24 12.3	1.536	2.517	7.7	21.3	6 10	18 34.57	-16 41.1	2.459	3.430	5.8	20.1
6 20	18 27.55	-24 16.1	1.488	2.499	3.0	21.0	6 20	18 26.20	-17 40.9	2.437	3.444	2.7	19.9
6 30	18 16.37	-24 16.6	1.467	2.481	1.9	20.8	6 30	18 17.34	-18 43.8	2.445	3.457	1.9	19.9
7 10	18 5.45	-24 13.0	1.472	2.463	6.8	21.1	7 10	18 8.76	-19 47.0	2.483	3.471	4.7	20.1
7 20	17 56.07	-24 5.9	1.502	2.444	11.4	21.3	7 20	18 1.15	-20 48.4	2.549	3.484	7.7	20.3
7 30	17 49.24	-23 57.3	1.554	2.425	15.4	21.5	7 30	17 55.09	-21 46.6	2.642	3.496	10.3	20.5
494287	2016 <i>RF</i> ₁₄		6 26.2 44°45	0°7/26.2	17		336392	Changhua		6 26.2 259°08	0°9/26.3	17	
5 21	18 46.83	-21 49.1	1.833	2.683	14.3	21.6	5 21	18 47.21	-20 13.1	1.990	2.833	13.6	21.2
5 31	18 42.09	-21 42.1	1.759	2.685	10.9	21.4	5 31	18 42.42	-20 20.3	1.897	2.819	10.5	21.0
6 10	18 35.06	-21 36.9	1.707	2.687	7.0	21.1	6 10	18 35.37	-20 31.3	1.826	2.805	6.8	20.8
6 20	18 26.43	-21 32.6	1.679	2.690	2.8	20.9	6 20	18 26.62	-20 45.0	1.780	2.791	2.8	20.5
6 30	18 17.14	-21 28.4	1.678	2.692	1.8	20.8	6 30	18 17.05	-21 0.1	1.762	2.776	1.8	20.4
7 10	18 8.32	-21 24.1	1.704	2.695	6.0	21.1	7 10	18 7.69	-21 15.3	1.771	2.761	5.9	20.6
7 20	18 0.93	-21 20.1	1.754	2.698	10.0	21.3	7 20	17 59.55	-21 30.1	1.805	2.746	9.9	20.8
7 30	17 55.72	-21 17.2	1.828	2.701	13.4	21.5	7 30	17 53.46	-21 44.6	1.863	2.731	13.4	21.0
66148	1998 <i>TD</i> _{11</}												

EPHEMERIDES

6 26.2

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
81081	2000 <i>EJ</i> ₈₉		6 26.2 167°17'	8°6'/25.3	17		440939	2006 <i>YA</i> ₁₁		6 26.2 153°25'	3°0'/27.3	18	
5 21	18 56.93	-43 8.2	1.795	2.613	15.9	20.2	5 21	18 46.58	-10 11.3	2.559	3.369	11.9	21.0
5 31	18 50.73	-44 17.8	1.727	2.615	13.2	20.0	5 31	18 41.29	-10 47.7	2.475	3.373	9.4	20.8
6 10	18 41.11	-45 15.1	1.680	2.617	10.7	19.9	6 10	18 34.33	-11 34.6	2.415	3.376	6.6	20.7
6 20	18 28.94	-45 52.5	1.655	2.619	8.9	19.8	6 20	18 26.17	-12 30.9	2.382	3.379	3.9	20.5
6 30	18 15.67	-46 4.1	1.655	2.620	8.8	19.8	6 30	18 17.48	-13 34.9	2.378	3.383	3.2	20.4
7 10	18 3.07	-45 48.8	1.680	2.621	10.5	19.9	7 10	18 9.00	-14 43.8	2.404	3.386	5.3	20.6
7 20	17 52.68	-45 10.3	1.728	2.622	13.0	20.0	7 20	18 1.43	-15 54.9	2.458	3.388	8.1	20.8
7 30	17 45.57	-44 15.5	1.797	2.623	15.6	20.2	7 30	17 55.39	-17 5.9	2.538	3.391	10.8	21.0
387682	2002 <i>TY</i> ₁₆₁		6 26.2 192°20'	17°6'/28.3	18		318545	2005 <i>GQ</i> ₆		6 26.2 157°08'	0°8'/26.3	17	
5 21	18 50.54	+12 36.9	1.382	2.132	22.8	20.9	5 21	18 51.16	-20 24.5	1.852	2.692	14.5	22.1
5 31	18 45.52	+14 19.6	1.322	2.132	21.0	20.8	5 31	18 45.37	-20 32.9	1.778	2.699	11.1	21.9
6 10	18 37.62	+15 31.8	1.277	2.130	19.2	20.6	6 10	18 37.20	-20 44.9	1.727	2.705	7.2	21.7
6 20	18 27.55	+16 4.3	1.249	2.128	18.0	20.6	6 20	18 27.33	-20 59.0	1.700	2.711	2.9	21.4
6 30	18 16.52	+15 50.9	1.239	2.126	17.6	20.5	6 30	18 16.78	-21 13.5	1.701	2.716	1.9	21.4
7 10	18 5.94	+14 51.5	1.248	2.122	18.3	20.6	7 10	18 6.69	-21 27.3	1.730	2.720	6.1	21.6
7 20	17 57.10	+13 11.6	1.274	2.118	19.9	20.7	7 20	17 58.08	-21 40.1	1.784	2.724	10.1	21.9
7 30	17 50.99	+11 1.1	1.318	2.113	21.8	20.8	7 30	17 51.75	-21 52.2	1.862	2.727	13.5	22.1
436200	2009 <i>WA</i> ₁₈₄		6 26.2 270°49'	6°2'/24.8	18		292431	2006 <i>SD</i> ₃₃₀		6 26.2 199°68'	1°4'/26.3	17	
5 21	18 51.72	-13 53.5	1.781	2.612	15.4	20.3	5 21	18 49.70	-19 17.5	1.895	2.735	14.3	22.4
5 31	18 45.84	-12 2.1	1.692	2.600	12.4	20.1	5 31	18 44.31	-19 17.7	1.812	2.732	11.0	22.2
6 10	18 37.52	-10 11.0	1.626	2.588	9.1	19.8	6 10	18 36.57	-19 22.2	1.751	2.729	7.2	21.9
6 20	18 27.44	-8 25.0	1.586	2.576	6.6	19.7	6 20	18 27.12	-19 29.8	1.716	2.725	3.1	21.7
6 30	18 16.61	-6 49.8	1.574	2.563	6.7	19.6	6 30	18 16.91	-19 39.6	1.707	2.721	2.2	21.6
7 10	18 6.18	-5 30.2	1.589	2.551	9.3	19.8	7 10	18 7.05	-19 50.6	1.726	2.716	6.2	21.8
7 20	17 57.20	-4 29.1	1.629	2.539	12.8	19.9	7 20	17 58.57	-20 2.4	1.771	2.710	10.1	22.1
7 30	17 50.51	-3 47.2	1.691	2.526	16.0	20.1	7 30	17 52.26	-20 15.0	1.838	2.704	13.6	22.3
278739	2008 <i>SD</i> ₉₁		6 26.2 319°00'	0°1'/26.2	16		245324	2005 <i>EQ</i> ₈₇		6 26.2 203°94'	2°2'/26.0	18	
5 21	18 45.00	-23 10.5	1.454	2.321	16.4	20.7	5 21	18 48.51	-28 50.5	2.073	2.914	13.1	21.0
5 31	18 41.59	-23 9.6	1.365	2.301	12.7	20.4	5 31	18 43.35	-29 11.4	1.992	2.913	10.1	20.8
6 10	18 35.28	-23 10.3	1.297	2.281	8.2	20.1	6 10	18 35.91	-29 30.0	1.935	2.911	6.7	20.6
6 20	18 26.71	-23 11.2	1.251	2.263	3.3	19.8	6 20	18 26.85	-29 43.3	1.903	2.910	3.3	20.3
6 30	18 17.00	-23 10.6	1.230	2.245	2.0	19.6	6 30	18 17.09	-29 49.1	1.898	2.908	2.8	20.3
7 10	18 7.57	-23 8.0	1.233	2.227	7.3	19.9	7 10	18 7.72	-29 46.7	1.920	2.906	6.0	20.5
7 20	17 59.78	-23 3.7	1.259	2.210	12.3	20.2	7 20	17 59.71	-29 37.1	1.968	2.904	9.5	20.7
7 30	17 54.71	-22 59.1	1.305	2.194	16.6	20.4	7 30	17 53.83	-29 22.2	2.039	2.901	12.7	20.9
508213	2015 <i>GF</i> ₂₂		6 26.2 163°52'	4°9'/25.4	17		92702	2000 <i>QT</i> ₈₂		6 26.2 255°41'	8°4'/26.9	18	
5 21	18 52.70	-35 11.5	2.168	2.995	13.2	22.6	5 21	18 45.47	-2 20.7	1.903	2.707	15.6	20.1
5 31	18 46.63	-36 7.3	2.094	3.000	10.4	22.5	5 31	18 41.01	-1 32.5	1.819	2.696	13.2	19.9
6 10	18 38.06	-36 57.6	2.043	3.004	7.6	22.3	6 10	18 34.43	-0 59.0	1.755	2.686	10.7	19.7
6 20	18 27.67	-37 37.3	2.017	3.008	5.3	22.2	6 20	18 26.29	-0 43.6	1.714	2.675	8.9	19.6
6 30	18 16.48	-38 2.6	2.019	3.011	5.2	22.1	6 30	18 17.42	-0 48.9	1.698	2.664	8.5	19.6
7 10	18 5.70	-38 11.9	2.048	3.014	7.3	22.3	7 10	18 8.79	-1 14.8	1.706	2.653	10.0	19.6
7 20	17 56.41	-38 6.7	2.103	3.016	10.1	22.5	7 20	18 1.32	-1 59.2	1.738	2.642	12.4	19.8
7 30	17 49.48	-37 50.1	2.180	3.018	12.8	22.6	7 30	17 55.78	-2 58.2	1.791	2.631	15.1	19.9
508492	2016 <i>PA</i> ₈₉		6 26.2 246°27'	4°5'/25.6	18		363038	1999 <i>TW</i> ₃₉		6 26.2 282°60'	7°9'/26.2	18	
5 21	18 50.66	-34 57.4	2.238	3.067	12.7	21.9	5 21	18 43.55	+0 21.9	2.531	3.308	12.9	21.2
5 31	18 45.13	-35 38.0	2.146	3.054	10.1	21.7	5 31	18 39.16	+1 14.2	2.425	3.279	11.1	21.0
6 10	18 37.16	-36 13.4	2.077	3.040	7.3	21.5	6 10	18 33.09	+1 54.8	2.340	3.249	9.4	20.8
6 20	18 27.36	-36 39.2	2.033	3.026	5.0	21.4	6 20	18 25.75	+2 20.3	2.279	3.219	8.2	20.7
6 30	18 16.67	-36 52.0	2.016	3.011	4.8	21.3	6 30	18 17.74	+2 28.3	2.244	3.189	8.0	20.6
7 10	18 6.24	-36 50.5	2.026	2.996	7.1	21.4	7 10	18 9.78	+2 18.0	2.234	3.158	9.2	20.7
7 20	17 57.14	-36 35.6	2.062	2.981	10.0	21.6	7 20	18 2.60	+1 50.0	2.248	3.127	11.1	20.7
7 30	17 50.27	-36 10.6	2.121	2.965	12.9	21.8	7 30	17 56.84	+1 6.8	2.285	3.096	13.2	20.8
128581	2004 <i>PX</i> ₁₀₅		6 26.2 274°23'	4°1'/26.6	17		392822	2012 <i>TJ</i> ₂₉₅		6 26.2 253°78'	2°3'/25.9	18	
5 21	18 46.43	-12 43.4	1.878	2.713	14.6	20.8	5 21	18 48.40	-28 16.8	2.081	2.923	13.1	21.7
5 31	18 41.94	-12 28.9	1.781	2.693	11.6	20.5	5 31	18 43.38	-28 46.9	1.991	2.912	10.1	21.5
6 10	18 35.15	-12 23.1	1.705	2.673	8.2	20.3	6 10	18 36.04	-29 16.0	1.924	2.901	6.7	21.2
6 20	18 26.60	-12 27.1	1.652	2.652	5.1	20.0	6 20	18 26.94	-29 40.8	1.883	2.890	3.3	21.0
6 30	18 17.12	-12 41.1	1.627	2.631	4.4	19.9	6 30	18 17.01	-29 58.5	1.869	2.879	2.8	20.9
7 10	18 7.80	-13 4.4	1.627	2.609	7.3	20.1	7 10	18 7.35	-30 7.7	1.882	2.867	6.2	21.1
7 20	17 59.63	-13 35.7	1.653	2.588	11.0	20.2	7 20	17 58.97	-30 8.7	1.920	2.855	9.8	21.3
7 30	17 53.52	-14 13.2	1.701	2.566	14.6	20.4	7 30	17 52.72	-30 3.2	1.983	2.843	13.0	21.5
368943	2006 <i>WH</i> ₁₄₉		6 26.2 119°06'	1°1'/26.1	17		18325	1984 <i>SB</i> ₂		6 26.2 285°47'	15°2'/23.3	18	
5 21	18 51.07	-25 6.0	1.793	2.638	14.7	21.3	5 21	18 45.39	+10 43.5	1.814	2.558	18.3	17.9
5 31	18 45.39	-25 27.1	1.727	2.650	11.2	21.1	5 31	18 41.16	+12 53.9	1.738	2.540	17.0	17.7
6 10	18 37.22	-25 48.5	1.682	2.662	7.2	20.9	6 10	18 34.66	+14 44.4	1.681	2.523	15.8	17.6
6 20	18 27.32	-26 7.4	1.663	2.673	3.0	20.6	6 20	18 26.43	+16 7.1	1.643	2.506	15.2	17.5
6 30	18 16.76	-26 21.2	1.671	2.684	2.1	20.6	6 30	18 17.32	+16 55.3	1.625	2.488	15.3	17.5
7 10	18 6.77	-26 29.1	1.705	2.695	6.2	20.9	7 10	18 8.40	+17 6.4	1.627	2.471	16.2	17.5
7 20	17 58.40	-26 31.5	1.766	2.705	10.2	21.1	7 20	18 0.65	+16 41.7	1.647	2.454	17.7	17.6
7 30	17 52.43	-26 30.1	1.849	2.715	13.6	21.4	7 30	17 54.95	+15 45.8	1.684	2.436	19.4	17.6
166922	2003 <i>FR</i> ₈₈		6 26.2 50°74'	5°2'/26.8	17		448						

EPHEMERIDES

6 26.2

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
331750	2002 VX ₁₃		6 26.2 269°95	10°1/23.6	18		148639	2001 SQ ₃₁		6 26.2 219°43	0°9/26.1	18	
5 21	18 54.83	-13 27.8	1.100	1.958	21.1	20.3	5 21	18 46.75	-25 5.2	2.272	3.112	12.2	20.4
5 31	18 49.52	-10 42.3	1.026	1.947	17.2	20.0	5 31	18 41.80	-25 21.3	2.188	3.109	9.3	20.2
6 10	18 40.57	-7 53.7	0.971	1.936	13.2	19.7	6 10	18 34.84	-25 37.7	2.126	3.105	6.0	20.0
6 20	18 28.84	-5 12.6	0.939	1.925	10.4	19.5	6 20	18 26.44	-25 52.3	2.091	3.101	2.5	19.7
6 30	18 15.87	-2 51.8	0.930	1.914	10.9	19.5	6 30	18 17.42	-26 3.5	2.083	3.097	1.7	19.7
7 10	18 3.54	-1 1.9	0.944	1.903	14.4	19.7	7 10	18 8.69	-26 10.4	2.104	3.093	5.3	19.9
7 20	17 53.48	+ 0 11.9	0.978	1.892	18.8	19.9	7 20	18 1.11	-26 13.1	2.151	3.089	8.7	20.1
7 30	17 46.88	+ 0 50.7	1.029	1.881	22.9	20.1	7 30	17 55.39	-26 12.7	2.221	3.084	11.7	20.3
335524	2006 AK ₂₃		6 26.2 326°86	2°4/26.7	16		442845	2013 AH ₁₁₇		6 26.2 30°42	6°6/26.6	16	
5 21	18 42.49	-16 11.3	1.302	2.173	17.7	20.0	5 21	18 52.20	-42 13.6	2.005	2.824	14.3	21.1
5 31	18 39.97	-16 32.9	1.213	2.149	13.9	19.7	5 31	18 46.43	-42 32.9	1.936	2.830	11.8	20.9
6 10	18 34.47	-17 7.6	1.143	2.126	9.3	19.3	6 10	18 37.95	-42 39.1	1.889	2.835	9.1	20.8
6 20	18 26.52	-17 54.6	1.095	2.104	4.4	19.0	6 20	18 27.64	-42 27.9	1.865	2.841	7.1	20.6
6 30	18 17.22	-18 51.5	1.070	2.083	3.0	18.8	6 30	18 16.74	-41 56.7	1.867	2.846	6.8	20.6
7 10	18 8.04	-19 54.2	1.068	2.064	8.0	19.1	7 10	18 6.59	-41 6.7	1.894	2.853	8.4	20.7
7 20	18 0.44	-20 58.8	1.089	2.045	13.2	19.3	7 20	17 58.31	-40 1.8	1.946	2.859	10.9	20.9
7 30	17 55.68	-22 1.9	1.129	2.027	18.0	19.5	7 30	17 52.66	-38 47.7	2.021	2.866	13.4	21.1
442027	2010 OH ₁₂₇		6 26.2 285°65	1°0/26.2	18		439252	2012 TE ₂₇₆		6 26.2 246°64	0°8/26.2	17	
5 21	18 46.94	-27 2.8	2.221	3.062	12.4	21.4	5 21	18 48.20	-25 36.6	2.014	2.858	13.4	21.7
5 31	18 42.05	-26 53.4	2.123	3.045	9.5	21.2	5 31	18 43.16	-25 38.1	1.928	2.851	10.3	21.5
6 10	18 35.07	-26 41.2	2.049	3.027	6.2	20.9	6 10	18 35.84	-25 38.7	1.864	2.843	6.7	21.2
6 20	18 26.54	-26 24.8	2.000	3.010	2.6	20.7	6 20	18 26.87	-25 36.4	1.825	2.835	2.7	21.0
6 30	18 17.31	-26 3.4	1.979	2.992	1.8	20.6	6 30	18 17.17	-25 30.1	1.813	2.827	1.8	20.9
7 10	18 8.35	-25 37.5	1.985	2.975	5.5	20.8	7 10	18 7.82	-25 19.5	1.829	2.819	5.8	21.1
7 20	18 0.58	-25 8.3	2.018	2.957	9.1	21.0	7 20	17 59.80	-25 5.5	1.871	2.811	9.6	21.3
7 30	17 54.74	-24 38.0	2.075	2.940	12.3	21.2	7 30	17 53.90	-24 49.8	1.935	2.803	13.0	21.5
96461	1998 HS ₃₆		6 26.2 24°43	4°9/25.9	17		250775	2005 TT ₂₀		6 26.2 336°37	0°4/26.2	18	
5 21	18 44.78	-29 48.4	0.856	1.756	21.8	18.5	5 21	18 45.41	-24 13.9	2.028	2.876	13.1	20.5
5 31	18 42.50	-30 38.7	0.822	1.773	16.8	18.3	5 31	18 40.96	-24 18.8	1.947	2.873	10.0	20.3
6 10	18 36.17	-31 23.9	0.805	1.792	11.3	18.1	6 10	18 34.38	-24 24.1	1.889	2.869	6.5	20.1
6 20	18 27.05	-31 56.7	0.805	1.813	6.2	17.9	6 20	18 26.28	-24 28.3	1.855	2.866	2.6	19.8
6 30	18 17.10	-32 12.0	0.826	1.836	5.5	18.0	6 30	18 17.53	-24 30.0	1.849	2.863	1.6	19.7
7 10	18 8.45	-32 9.1	0.868	1.861	9.9	18.3	7 10	18 9.14	-24 28.8	1.869	2.861	5.6	20.0
7 20	18 2.67	-31 51.8	0.929	1.887	14.7	18.6	7 20	18 2.01	-24 25.1	1.915	2.858	9.3	20.2
7 30	18 0.64	-31 25.5	1.007	1.914	18.9	19.0	7 30	17 56.88	-24 19.9	1.985	2.856	12.6	20.4
309836	2009 CK ₂		6 26.2 106°21	1°8/26.1	17		93557	2000 UH ₃₄		6 26.2 176°45	2°0/26.0	18	
5 21	18 53.24	-26 14.6	1.490	2.343	16.8	21.6	5 21	18 49.96	-27 59.3	2.023	2.863	13.5	20.5
5 31	18 47.50	-26 38.5	1.430	2.357	12.8	21.4	5 31	18 44.48	-28 19.7	1.945	2.865	10.3	20.3
6 10	18 38.79	-27 1.8	1.390	2.371	8.3	21.2	6 10	18 36.66	-28 38.1	1.889	2.866	6.8	20.1
6 20	18 28.01	-27 20.8	1.374	2.384	3.6	20.9	6 20	18 27.18	-28 51.8	1.858	2.867	3.2	19.9
6 30	18 16.46	-27 32.3	1.384	2.397	2.7	20.9	6 30	18 16.99	-28 58.5	1.856	2.867	2.6	19.8
7 10	18 5.67	-27 35.4	1.420	2.410	7.2	21.2	7 10	18 7.22	-28 57.4	1.880	2.867	6.0	20.0
7 20	17 56.88	-27 31.3	1.480	2.422	11.5	21.5	7 20	17 58.87	-28 49.4	1.930	2.867	9.6	20.2
7 30	17 50.98	-27 22.7	1.561	2.434	15.3	21.7	7 30	17 52.73	-28 36.7	2.004	2.866	12.9	20.5
141607	2002 JG ₁₁		6 26.2 352°27	1°9/25.9	18		276371	2002 VQ ₅₉		6 26.2 233°93	0°9/26.3	17	
5 21	18 45.33	-27 11.2	2.177	3.022	12.5	19.4	5 21	18 49.68	-20 7.8	1.970	2.808	13.8	21.6
5 31	18 40.85	-27 44.9	2.098	3.021	9.6	19.2	5 31	18 44.37	-20 16.1	1.876	2.796	10.7	21.4
6 10	18 34.29	-28 18.2	2.041	3.019	6.3	19.0	6 10	18 36.70	-20 28.5	1.805	2.783	7.0	21.1
6 20	18 26.24	-28 48.4	2.010	3.018	3.0	18.8	6 20	18 27.25	-20 43.6	1.759	2.769	2.9	20.8
6 30	18 17.52	-29 13.0	2.006	3.017	2.5	18.8	6 30	18 16.91	-20 59.7	1.741	2.755	1.9	20.7
7 10	18 9.11	-29 30.4	2.030	3.017	5.7	19.0	7 10	18 6.80	-21 15.8	1.750	2.740	6.0	21.0
7 20	18 1.90	-29 40.8	2.079	3.016	9.0	19.2	7 20	17 57.95	-21 31.1	1.785	2.725	10.1	21.2
7 30	17 56.62	-29 45.1	2.152	3.016	12.0	19.4	7 30	17 51.22	-21 46.0	1.844	2.709	13.7	21.4
244031	2001 SX ₂₁₆		6 26.2 356°25	6°5/26.9	16		518156	2016 GW ₄₀		6 26.2 104°39	1°8/26.4	17	
5 21	18 43.49	- 6 48.6	1.884	2.708	15.0	20.5	5 21	18 50.50	-18 52.8	1.478	2.331	16.9	21.8
5 31	18 39.45	- 6 12.7	1.809	2.707	12.2	20.3	5 31	18 45.32	-18 48.9	1.414	2.341	13.0	21.6
6 10	18 33.38	- 5 49.3	1.755	2.706	9.4	20.1	6 10	18 37.37	-18 50.7	1.371	2.350	8.5	21.3
6 20	18 25.87	- 5 40.7	1.725	2.705	7.1	20.0	6 20	18 27.48	-18 57.1	1.350	2.360	3.8	21.1
6 30	18 17.76	- 5 48.1	1.719	2.705	6.7	19.9	6 30	18 16.85	-19 6.9	1.356	2.369	2.6	21.0
7 10	18 9.99	- 6 10.9	1.739	2.705	8.4	20.0	7 10	18 6.86	-19 18.9	1.387	2.378	7.1	21.3
7 20	18 3.41	- 6 47.2	1.783	2.705	11.2	20.2	7 20	17 58.67	-19 32.7	1.442	2.387	11.5	21.6
7 30	17 58.73	- 7 34.0	1.849	2.705	14.0	20.4	7 30	17 53.15	-19 48.1	1.518	2.396	15.4	21.9
170979	2005 CS ₄₈		6 26.2 193°69	1°4/26.3	17		324932	2007 XC ₁		6 26.2 204°50	0°4/26.2	17	
5 21	18 50.76	-19 25.4	1.774	2.616	15.0	21.2	5 21	18 51.62	-23 16.8	1.934	2.772	14.1	22.1
5 31	18 45.27	-19 26.1	1.693	2.614	11.6	20.9	5 31	18 45.87	-23 34.8	1.847	2.768	10.8	21.9
6 10	18 37.27	-19 31.3	1.634	2.612	7.6	20.7	6 10	18 37.66	-23 54.7	1.783	2.762	7.0	21.7
6 20	18 27.44	-19 39.7	1.600	2.610	3.3	20.4	6 20	18 27.62	-24 14.3	1.745	2.756	2.8	21.4
6 30	18 16.80	-19 50.2	1.593	2.607	2.2	20.3	6 30	18 16.73	-24 31.1	1.735	2.749	1.7	21.3
7 10	18 6.55	-20 1.7	1.613	2.603	6.5	20.6	7 10	18 6.15	-24 43.8	1.752	2.741	6.1	21.6
7 20	17 57.78	-20 13.8	1.658	2.599	10.6	20.8	7 20	17 56.98	-24 52.4	1.795	2.733	10.1	21.8
7 30	17 51.36	-20 26.8	1.726	2.594	14.3	21.1	7 30	17 50.08	-24 58.0	1.861	2.724	13.7	22.0
488346	2016 WX ₃		6 26.2 206°14	3°7/26.1	18		477741	2010 TF ₁₄₁		6 26.2 223°23	4°1/25.7	18	

EPHEMERIDES

6 26.2

6 26.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
136441	2005 <i>EP</i> ₅₈		6 26.2	20°03	0°6/26.3	17	74973	1999 <i>TP</i> ₂₂₀		6 26.2	232°25	3°9/26.1	17
5 21	18 46.15	-22 14.7	1.144	2.023	19.0	19.8	5 21	18 52.70	-32 12.0	1.650	2.496	15.7	19.7
5 31	18 42.74	-22 11.5	1.086	2.028	14.5	19.5	5 31	18 47.28	-32 35.4	1.570	2.490	12.3	19.5
6 10	18 36.06	-22 11.5	1.047	2.034	9.4	19.3	6 10	18 38.85	-32 53.3	1.511	2.485	8.5	19.3
6 20	18 27.05	-22 13.1	1.029	2.041	3.7	19.0	6 20	18 28.17	-33 1.0	1.476	2.479	4.9	19.0
6 30	18 17.14	-22 14.6	1.034	2.049	2.3	18.9	6 30	18 16.50	-32 55.0	1.466	2.472	4.4	19.0
7 10	18 8.01	-22 15.6	1.062	2.058	7.9	19.3	7 10	18 5.34	-32 34.8	1.482	2.466	7.7	19.2
7 20	18 1.05	-22 16.1	1.112	2.068	13.0	19.6	7 20	17 56.05	-32 3.1	1.523	2.459	11.7	19.4
7 30	17 57.21	-22 17.3	1.180	2.079	17.4	19.9	7 30	17 49.61	-31 24.2	1.585	2.452	15.4	19.6
146288	2001 <i>GC</i>		6 26.2	349°47	1°2/25.7	18	287212	2002 <i>SS</i> ₆₇		6 26.2	282°43	0°5/26.3	18
5 21	18 40.76	-16 31.0	0.964	1.856	20.6	18.2	5 21	18 46.41	-21 46.2	1.964	2.810	13.6	21.7
5 31	18 39.54	-18 30.8	0.893	1.842	16.0	17.8	5 31	18 41.91	-21 49.8	1.872	2.796	10.4	21.5
6 10	18 34.71	-20 58.2	0.840	1.830	10.4	17.5	6 10	18 35.14	-21 55.8	1.802	2.782	6.8	21.2
6 20	18 26.80	-23 46.0	0.807	1.820	4.1	17.1	6 20	18 26.68	-22 3.0	1.756	2.767	2.7	20.9
6 30	18 17.13	-26 40.5	0.798	1.812	3.2	17.0	6 30	18 17.40	-22 10.1	1.738	2.753	1.7	20.8
7 10	18 7.62	-29 25.9	0.810	1.807	9.6	17.4	7 10	18 8.36	-22 16.3	1.747	2.738	5.9	21.1
7 20	18 0.23	-31 50.4	0.844	1.803	15.6	17.7	7 20	18 0.56	-22 21.6	1.781	2.724	9.9	21.3
7 30	17 56.57	-33 48.4	0.896	1.802	20.7	18.0	7 30	17 54.82	-22 26.4	1.838	2.709	13.4	21.5
397685	2008 <i>BQ</i> ₅₀		6 26.2	74°63	3°8/26.9	16	175792	1999 <i>RV</i> ₇₉		6 26.2	255°63	4°3/25.9	17
5 21	18 44.40	-11 35.4	2.163	2.990	13.2	21.6	5 21	18 53.50	-32 53.2	1.756	2.596	15.2	21.2
5 31	18 39.57	-11 30.4	2.090	2.997	10.4	21.4	5 31	18 47.98	-33 23.5	1.662	2.578	12.0	21.0
6 10	18 33.83	-11 34.5	2.040	3.004	7.3	21.3	6 10	18 39.41	-33 48.9	1.589	2.560	8.4	20.7
6 20	18 25.93	-11 47.9	2.014	3.011	4.6	21.1	6 20	18 28.46	-34 4.2	1.541	2.541	5.1	20.5
6 30	18 17.82	-12 10.2	2.016	3.018	4.0	21.1	6 30	18 16.30	-34 5.1	1.518	2.522	4.7	20.4
7 10	18 10.06	-12 40.1	2.045	3.025	6.2	21.2	7 10	18 4.43	-33 50.3	1.522	2.502	7.9	20.6
7 20	18 3.39	-13 16.0	2.099	3.032	9.2	21.4	7 20	17 54.27	-33 21.9	1.550	2.482	11.9	20.7
7 30	17 58.44	-13 56.0	2.177	3.039	12.0	21.6	7 30	17 46.91	-32 44.2	1.601	2.461	15.6	20.9
332151	2005 <i>YY</i> ₇₀		6 26.2	246°96	8°1/29.0	18	23913	1998 <i>SB</i> ₁₂₉		6 26.2	24°75	5°2/26.8	18
5 21	18 54.11	-1 25.9	1.205	2.025	21.9	20.7	5 21	18 45.78	-12 17.4	1.347	2.203	18.0	17.5
5 31	18 49.09	-2 10.2	1.122	2.016	18.3	20.4	5 31	18 41.92	-11 54.1	1.284	2.208	14.3	17.3
6 10	18 40.52	-3 28.7	1.055	2.006	14.1	20.1	6 10	18 35.33	-11 43.1	1.240	2.213	10.1	17.0
6 20	18 29.01	-5 24.3	1.009	1.995	9.9	19.9	6 20	18 26.76	-11 45.8	1.218	2.218	6.3	16.8
6 30	18 15.82	-7 53.6	0.988	1.985	8.1	19.7	6 30	18 17.41	-12 2.3	1.219	2.224	5.5	16.8
7 10	18 2.72	-10 46.7	0.991	1.974	10.8	19.8	7 10	18 8.62	-12 31.3	1.244	2.230	8.6	17.0
7 20	17 51.45	-13 49.9	1.020	1.962	15.4	20.1	7 20	18 1.56	-13 10.0	1.292	2.237	12.7	17.3
7 30	17 43.46	-16 50.3	1.070	1.950	20.1	20.3	7 30	17 57.13	-13 55.2	1.361	2.244	16.4	17.5
478074	2011 <i>UW</i> ₁₃		6 26.2	213°31	0°3/26.2	18	262026	2006 <i>QT</i> ₁₁₁		6 26.2	309°21	0°3/26.2	18
5 21	18 46.30	-22 46.9	2.900	3.728	10.2	22.9	5 21	18 48.85	-25 36.5	1.322	2.190	17.6	20.1
5 31	18 41.00	-22 41.5	2.805	3.720	7.8	22.7	5 31	18 44.83	-24 58.5	1.236	2.172	13.7	19.8
6 10	18 34.13	-22 36.2	2.735	3.711	5.0	22.6	6 10	18 37.55	-24 15.4	1.169	2.154	9.0	19.5
6 20	18 26.16	-22 30.5	2.692	3.702	2.0	22.3	6 20	18 27.75	-23 26.4	1.125	2.137	3.6	19.1
6 30	18 17.71	-22 23.8	2.678	3.693	1.2	22.2	6 30	18 16.76	-22 32.2	1.105	2.120	2.2	19.0
7 10	18 9.48	-22 16.0	2.694	3.683	4.3	22.5	7 10	18 6.22	-21 35.4	1.109	2.103	7.9	19.3
7 20	18 2.12	-22 7.6	2.738	3.672	7.2	22.6	7 20	17 57.63	-20 40.3	1.136	2.087	13.3	19.5
7 30	17 56.20	-21 59.1	2.807	3.661	9.8	22.8	7 30	17 52.13	-19 50.9	1.182	2.072	18.0	19.8
232157	2002 <i>CY</i> ₂₃₃		6 26.2	84°86	0°5/26.2	17	60343	2000 <i>AY</i> ₇₂		6 26.2	131°91	1°5/26.4	18
5 21	18 49.26	-22 44.9	1.762	2.610	14.8	20.3	5 21	18 50.32	-19 4.7	1.765	2.607	15.0	20.0
5 31	18 43.96	-22 31.4	1.697	2.622	11.3	20.1	5 31	18 44.82	-19 6.1	1.696	2.617	11.5	19.8
6 10	18 36.30	-22 18.6	1.653	2.634	7.2	19.9	6 10	18 36.91	-19 12.1	1.649	2.626	7.5	19.6
6 20	18 27.04	-22 5.5	1.635	2.646	2.9	19.7	6 20	18 27.32	-19 21.7	1.626	2.635	3.3	19.4
6 30	18 17.22	-21 51.8	1.643	2.658	1.8	19.6	6 30	18 17.08	-19 33.5	1.631	2.644	2.2	19.3
7 10	18 8.01	-21 37.8	1.678	2.670	6.1	19.9	7 10	18 7.36	-19 46.7	1.662	2.652	6.3	19.6
7 20	18 0.38	-21 24.4	1.738	2.681	10.1	20.2	7 20	17 59.17	-20 0.6	1.719	2.660	10.3	19.9
7 30	17 55.05	-21 12.7	1.821	2.693	13.5	20.4	7 30	17 53.28	-20 15.3	1.798	2.667	13.8	20.1
77047	2001 <i>CF</i> ₄₄		6 26.2	146°40	1°2/25.9	18	257772	2000 <i>CN</i> ₁₀₉		6 26.2	85°62	0°1/26.2	17
5 21	18 51.93	-23 4.6	1.704	2.550	15.3	19.8	5 21	18 51.03	-23 12.5	1.579	2.431	16.0	21.3
5 31	18 46.37	-23 55.7	1.632	2.556	11.7	19.6	5 31	18 45.55	-23 13.1	1.520	2.447	12.2	21.1
6 10	18 38.10	-24 51.0	1.582	2.562	7.6	19.4	6 10	18 37.42	-23 14.8	1.482	2.463	7.8	20.9
6 20	18 27.84	-25 46.5	1.557	2.568	3.1	19.1	6 20	18 27.51	-23 15.9	1.468	2.479	3.1	20.6
6 30	18 16.69	-26 37.7	1.559	2.573	2.2	19.1	6 30	18 17.00	-23 14.9	1.481	2.495	1.8	20.6
7 10	18 5.97	-27 21.3	1.589	2.578	6.6	19.4	7 10	18 7.21	-23 11.5	1.519	2.511	6.5	20.9
7 20	17 56.86	-27 56.3	1.643	2.582	10.8	19.6	7 20	17 59.21	-23 6.5	1.582	2.527	10.8	21.2
7 30	17 50.30	-28 23.4	1.720	2.586	14.4	19.9	7 30	17 53.80	-23 1.3	1.667	2.542	14.4	21.4
357822	2005 <i>UQ</i> ₂₉		6 26.2	252°63	2°8/26.4	18	141458	2002 <i>CB</i> ₁₀₀		6 26.2	109°73	0°1/26.2	18
5 21	18 44.41	-15 23.1	2.458	3.287	11.7	20.6	5 21	18 45.76	-23 5.9	2.383	3.221	11.7	20.1
5 31	18 39.79	-14 59.1	2.366	3.278	9.2	20.4	5 31	18 40.86	-23 16.1	2.308	3.229	8.9	20.0
6 10	18 33.47	-14 39.5	2.298	3.268	6.3	20.2	6 10	18 34.15	-23 27.4	2.257	3.235	5.7	19.8
6 20	18 25.93	-14 24.9	2.256	3.258	3.6	20.0	6 20	18 26.21	-23 38.4	2.232	3.242	2.2	19.6
6 30	18 17.86	-14 15.7	2.242	3.248	3.1	19.9	6 30	18 17.77	-23 47.9	2.234	3.249	1.4	19.5
7 10	18 10.02	-14 12.1	2.256	3.238	5.6	20.1	7 10	18 9.68	-23 55.1	2.265	3.256	4.9	19.8
7 20	18 3.13	-14 13.9	2.296	3.228	8.5	20.2	7 20	18 2.69	-24 0.2	2.323	3.262	8.1	20.0
7 30	17 57.79	-14 20.7	2.361	3.218	11.3	20.4	7 30	17 57.41	-24 3.7	2.405	3.269	10.9	20.2
263527	2008 <i>EK</i> ₁₅₈		6 26.2	150°89	3°1/26.0	17	507163</						

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6 26.2

6 26.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
499664	2010 <i>VD</i> ₁₃₅		6 26.2 246°72	1.4/26.1	17		205381	2001 <i>BM</i> ₃₈		6 26.2 132°41	9°7/29.9	17	
5 21	18 51.73	-25 36.8	1.868	2.709	14.4	22.9	5 21	18 55.60	+ 1 59.8	1.182	1.989	23.0	20.2
5 31	18 46.28	-25 59.1	1.771	2.692	11.1	22.7	5 31	18 49.89	+ 1 21.3	1.116	1.996	19.4	19.9
6 10	18 38.16	-26 22.2	1.695	2.674	7.3	22.4	6 10	18 40.76	+ 0 7.0	1.066	2.004	15.3	19.7
6 20	18 27.94	-26 43.0	1.645	2.655	3.1	22.1	6 20	18 29.04	- 1 45.4	1.036	2.011	11.5	19.5
6 30	18 16.65	-26 58.6	1.622	2.636	2.3	22.0	6 30	18 16.11	- 4 12.3	1.030	2.017	9.7	19.4
7 10	18 5.53	-27 7.4	1.626	2.615	6.6	22.2	7 10	18 3.72	- 7 3.1	1.049	2.023	11.5	19.5
7 20	17 55.81	-27 9.5	1.656	2.594	10.8	22.4	7 20	17 53.43	-10 4.0	1.093	2.028	15.3	19.8
7 30	17 48.50	-27 6.7	1.709	2.573	14.6	22.6	7 30	17 46.40	-13 2.6	1.158	2.033	19.3	20.0
420458	2012 <i>DE</i> ₇₃		6 26.2 127°75	5°0/25.9	17		476245	2007 <i>VC</i> ₆₉		6 26.2 283°81	2°5/26.0	18	
5 21	18 55.21	-34 23.9	1.718	2.556	15.6	21.7	5 21	18 48.13	-29 4.0	1.926	2.773	13.8	21.8
5 31	18 48.99	-35 6.8	1.654	2.567	12.3	21.5	5 31	18 43.38	-29 26.3	1.841	2.763	10.7	21.6
6 10	18 39.81	-35 42.9	1.611	2.578	8.7	21.3	6 10	18 36.17	-29 46.3	1.777	2.754	7.1	21.4
6 20	18 28.51	-36 6.4	1.592	2.588	5.7	21.1	6 20	18 27.14	-30 0.8	1.738	2.745	3.6	21.1
6 30	18 16.42	-36 13.5	1.600	2.598	5.3	21.1	6 30	18 17.26	-30 7.2	1.726	2.736	3.0	21.1
7 10	18 5.02	-36 3.5	1.633	2.608	8.0	21.3	7 10	18 7.73	-30 4.6	1.740	2.726	6.4	21.3
7 20	17 55.61	-35 39.2	1.691	2.617	11.4	21.5	7 20	17 59.61	-29 53.8	1.779	2.717	10.2	21.5
7 30	17 49.06	-35 5.3	1.771	2.626	14.6	21.8	7 30	17 53.77	-29 37.2	1.841	2.708	13.6	21.7
239674	2008 <i>YD</i> ₂₃		6 26.2 171°95	0°9/26.4	18		279729	1995 <i>HU</i> ₁		6 26.2 340°24	0°5/26.4	17	
5 21	18 47.52	-19 8.9	2.228	3.062	12.6	20.9	5 21	18 41.18	-17 14.4	2.012	1.906	20.0	19.4
5 31	18 42.35	-19 28.3	2.147	3.064	9.7	20.7	5 31	18 39.70	-18 19.5	0.942	1.889	15.6	19.1
6 10	18 35.21	-19 52.4	2.089	3.066	6.3	20.5	6 10	18 34.74	-19 44.1	0.885	1.874	10.3	18.8
6 20	18 26.67	-20 19.6	2.058	3.068	2.6	20.3	6 20	18 26.85	-21 24.7	0.848	1.860	4.2	18.4
6 30	18 17.51	-20 48.2	2.055	3.069	1.7	20.2	6 30	18 17.34	-23 13.7	0.832	1.847	2.4	18.2
7 10	18 8.65	-21 16.7	2.080	3.070	5.3	20.5	7 10	18 8.05	-25 1.9	0.838	1.837	8.9	18.5
7 20	18 0.91	-21 44.1	2.132	3.070	8.7	20.7	7 20	18 0.77	-26 41.3	0.865	1.828	14.9	18.8
7 30	17 55.00	-22 10.0	2.208	3.070	11.8	20.9	7 30	17 56.99	-28 7.4	0.910	1.821	20.0	19.1
128509	2004 <i>PS</i> ₃₄		6 26.2 333°44	3°3/26.7	18		362364	2010 <i>NP</i> ₁₉		6 26.3 206°86	3°9/25.7	18	
5 21	18 42.59	-14 7.7	1.835	2.681	14.4	19.5	5 21	18 48.23	-35 19.9	2.672	3.496	11.1	21.3
5 31	18 39.04	-14 6.4	1.748	2.669	11.3	19.2	5 31	18 42.86	-35 54.1	2.588	3.492	8.8	21.2
6 10	18 33.33	-14 14.2	1.684	2.657	7.8	19.0	6 10	18 35.54	-36 22.9	2.528	3.489	6.3	21.0
6 20	18 26.00	-14 31.0	1.643	2.646	4.4	18.8	6 20	18 26.82	-36 43.3	2.494	3.485	4.3	20.9
6 30	18 17.91	-14 56.5	1.627	2.636	3.6	18.7	6 30	18 17.48	-36 52.7	2.487	3.481	4.1	20.9
7 10	18 10.05	-15 29.2	1.638	2.626	6.6	18.9	7 10	18 8.45	-36 50.5	2.509	3.477	6.0	21.0
7 20	18 3.40	-16 7.1	1.673	2.617	10.4	19.1	7 20	18 0.53	-36 37.5	2.557	3.473	8.5	21.1
7 30	17 58.73	-16 48.5	1.731	2.608	13.8	19.3	7 30	17 54.43	-36 16.3	2.628	3.468	10.8	21.3
423002	2003 <i>SH</i> ₂₅₀		6 26.2 251°49	14°1/21.2	17		471893	2013 <i>AK</i> ₁₇₀		6 26.3 232°44	4°8/26.7	17	
5 21	19 7.12	-54 24.3	1.823	2.591	17.5	21.1	5 21	18 44.34	- 9 30.9	2.265	3.084	12.9	21.8
5 31	19 0.78	-56 40.3	1.748	2.574	15.9	20.9	5 31	18 39.84	- 9 5.6	2.182	3.081	10.4	21.6
6 10	18 49.19	-58 41.7	1.691	2.557	14.6	20.8	6 10	18 33.57	- 8 49.3	2.121	3.077	7.7	21.4
6 20	18 32.85	-60 15.2	1.656	2.540	14.1	20.7	6 20	18 26.04	- 8 43.3	2.085	3.073	5.4	21.3
6 30	18 13.54	-61 9.2	1.643	2.522	14.4	20.7	6 30	18 17.97	- 8 48.2	2.076	3.069	4.9	21.2
7 10	17 54.24	-61 19.1	1.650	2.503	15.7	20.7	7 10	18 10.15	- 9 3.7	2.094	3.065	6.8	21.3
7 20	17 37.99	-60 48.5	1.677	2.484	17.4	20.8	7 20	18 3.35	- 9 28.5	2.137	3.061	9.5	21.5
7 30	17 26.92	-59 47.4	1.720	2.464	19.3	20.9	7 30	17 58.17	-10 1.0	2.204	3.056	12.2	21.7
101028	1998 <i>QZ</i> ₇₄		6 26.2 256°78	4°8/26.2	18		87351	2000 <i>QE</i> ₃₁		6 26.3 344°69	7°0/25.7	17	
5 21	18 46.33	-11 53.8	2.088	2.915	13.6	19.5	5 21	18 51.61	-37 54.2	1.582	2.426	16.4	19.0
5 31	18 41.55	-11 6.5	1.997	2.902	10.9	19.3	5 31	18 46.82	-38 47.3	1.511	2.423	13.3	18.8
6 10	18 34.78	-10 25.4	1.928	2.890	7.9	19.1	6 10	18 38.76	-39 31.3	1.460	2.421	10.0	18.6
6 20	18 26.53	- 9 52.6	1.885	2.877	5.4	18.9	6 20	18 28.23	-39 59.3	1.432	2.419	7.5	18.4
6 30	18 17.62	- 9 29.8	1.868	2.864	5.1	18.9	6 30	18 16.64	-40 6.2	1.428	2.417	7.2	18.4
7 10	18 8.95	- 9 17.9	1.878	2.850	7.3	19.0	7 10	18 5.65	-39 50.7	1.449	2.416	9.6	18.6
7 20	18 1.38	- 9 16.9	1.913	2.837	10.4	19.1	7 20	17 56.75	-39 16.2	1.492	2.415	12.9	18.7
7 30	17 55.65	- 9 25.8	1.971	2.823	13.4	19.3	7 30	17 50.98	-38 28.3	1.556	2.414	16.1	18.9
141946	2002 <i>PF</i> ₁₀₇		6 26.2 344°74	1°5/26.1	17		44421	1998 <i>SL</i> ₁₅₆		6 26.3 21°97	5°6/26.6	17	
5 21	18 39.03	-24 59.7	0.966	1.866	19.8	19.9	5 21	18 44.09	-11 45.9	1.481	2.333	16.9	18.1
5 31	18 38.18	-25 16.3	0.896	1.850	15.4	19.5	5 31	18 40.36	-11 3.2	1.420	2.340	13.5	17.9
6 10	18 33.73	-25 34.9	0.843	1.835	10.1	19.2	6 10	18 34.19	-10 31.2	1.379	2.347	9.7	17.7
6 20	18 26.40	-25 52.4	0.809	1.822	4.2	18.8	6 20	18 26.32	-10 12.2	1.360	2.356	6.5	17.5
6 30	18 17.64	-26 5.3	0.796	1.811	2.9	18.7	6 30	18 17.82	-10 7.6	1.365	2.365	5.9	17.5
7 10	18 9.38	-26 11.5	0.802	1.801	9.0	19.0	7 10	18 9.88	-10 17.0	1.394	2.375	8.5	17.7
7 20	18 3.36	-26 11.2	0.828	1.795	14.8	19.3	7 20	18 3.50	-10 38.6	1.447	2.385	12.0	17.9
7 30	18 0.92	-26 6.1	0.871	1.790	19.9	19.6	7 30	17 59.46	-11 9.8	1.520	2.397	15.4	18.2
167249	2003 <i>UP</i> ₉₉		6 26.2 188°80	6°1/26.7	18		94585	2001 <i>VW</i> ₄₇		6 26.3 197°99	3°0/25.9	18	
5 21	18 45.50	- 4 0.2	2.597	3.387	12.3	21.4	5 21	18 52.60	-28 5.9	1.509	2.362	16.6	19.7
5 31	18 40.44	- 3 19.9	2.514	3.386	10.2	21.2	5 31	18 47.41	-28 48.5	1.435	2.361	12.8	19.5
6 10	18 33.81	- 2 50.0	2.454	3.384	8.1	21.1	6 10	18 39.08	-29 30.7	1.381	2.360	8.6	19.3
6 20	18 26.09	- 2 32.4	2.419	3.382	6.5	21.0	6 20	18 28.37	-30 7.5	1.351	2.358	4.3	19.0
6 30	18 17.90	- 2 28.5	2.412	3.380	6.2	20.9	6 30	18 16.56	-30 34.0	1.346	2.356	3.7	19.0
7 10	18 9.96	- 2 38.4	2.431	3.376	7.5	21.0	7 10	18 5.24	-30 48.0	1.367	2.354	7.8	19.2
7 20	18 2.90	- 3 0.8	2.476	3.373	9.5	21.1	7 20	17 55.83	-30 50.2	1.412	2.351	12.2	19.4
7 30	17 57.29	- 3 33.7	2.544	3.369	11.6	21.3	7 30	17 49.40	-30 43.8	1.478	2.349	16.1	19.7
123439	2000 <i>WS</i> ₁₂₅		6 26.2 120°13	0°2/26.2	18		130						

EPHEMERIDES

6 26.3

6 26.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
128277	2003 UR ₁₁₉		6 26.3	22°87'	4.7/26.8	18	270352	2001 YR ₂₃		6 26.3	146°73'	0.6/26.3	17
5 21	18 51.38	-35 59.4	1.468	2.320	17.0	18.5	5 21	18 50.34	-22 29.0	2.029	2.867	13.5	21.2
5 31	18 46.32	-35 48.0	1.405	2.327	13.4	18.3	5 31	18 44.57	-22 14.3	1.955	2.875	10.3	21.0
6 10	18 38.14	-35 24.3	1.362	2.334	9.4	18.0	6 10	18 36.66	-22 0.1	1.904	2.882	6.7	20.8
6 20	18 27.87	-34 44.8	1.342	2.343	5.8	17.8	6 20	18 27.26	-21 45.5	1.879	2.889	2.7	20.6
6 30	18 16.96	-33 48.5	1.347	2.352	4.9	17.8	6 30	18 17.32	-21 30.3	1.881	2.896	1.7	20.5
7 10	18 7.01	-32 38.4	1.376	2.362	8.0	18.0	7 10	18 7.86	-21 14.7	1.912	2.902	5.6	20.8
7 20	17 59.25	-31 20.2	1.430	2.372	11.9	18.3	7 20	17 59.80	-20 59.7	1.969	2.907	9.3	21.0
7 30	17 54.52	-30 0.3	1.505	2.383	15.4	18.5	7 30	17 53.81	-20 46.5	2.049	2.913	12.5	21.2
436932	2012 TJ ₁₂₀		6 26.3	287°68'	1.9/26.2	16	139806	2001 RB ₁₇		6 26.3	141°21'	1.1/26.4	18
5 21	18 48.52	-28 3.3	1.839	2.687	14.3	21.8	5 21	18 49.70	-19 46.9	1.957	2.796	13.9	20.1
5 31	18 43.70	-28 11.6	1.756	2.681	11.0	21.6	5 31	18 44.17	-19 49.9	1.885	2.804	10.7	19.9
6 10	18 36.37	-28 17.3	1.696	2.675	7.2	21.3	6 10	18 36.45	-19 56.6	1.836	2.813	6.9	19.7
6 20	18 27.22	-28 17.8	1.660	2.669	3.3	21.1	6 20	18 27.20	-20 5.9	1.811	2.821	2.9	19.4
6 30	18 17.27	-28 11.3	1.650	2.662	2.5	21.0	6 30	18 17.34	-20 16.4	1.815	2.828	1.9	19.4
7 10	18 7.74	-27 57.4	1.667	2.656	6.4	21.2	7 10	18 7.94	-20 27.5	1.845	2.835	5.8	19.7
7 20	17 59.70	-27 37.7	1.709	2.651	10.3	21.4	7 20	17 59.91	-20 38.7	1.902	2.842	9.5	19.9
7 30	17 54.02	-27 14.5	1.774	2.645	13.8	21.6	7 30	17 53.98	-20 50.1	1.983	2.848	12.8	20.1
342883	2008 YG ₆₄		6 26.3	202°62'	1.8/26.4	17	475824	2007 AC ₂₃		6 26.3	253°58'	1.0/26.4	18
5 21	18 46.64	-18 8.2	2.149	2.986	12.9	21.5	5 21	18 45.82	-19 58.8	2.578	3.410	11.2	22.0
5 31	18 41.73	-17 59.9	2.067	2.984	10.0	21.3	5 31	18 40.94	-19 56.5	2.476	3.392	8.6	21.8
6 10	18 34.85	-17 55.6	2.007	2.982	6.6	21.1	6 10	18 34.30	-19 56.8	2.398	3.374	5.6	21.6
6 20	18 26.57	-17 55.1	1.972	2.980	3.1	20.9	6 20	18 26.37	-19 58.8	2.347	3.356	2.4	21.4
6 30	18 17.68	-17 57.9	1.965	2.977	2.3	20.8	6 30	18 17.81	-20 2.1	2.324	3.338	1.6	21.3
7 10	18 9.10	-18 3.5	1.986	2.974	5.6	21.0	7 10	18 9.41	-20 6.1	2.330	3.319	4.9	21.5
7 20	18 1.68	-18 11.7	2.033	2.971	9.1	21.2	7 20	18 1.91	-20 10.8	2.363	3.299	8.1	21.6
7 30	17 56.10	-18 22.3	2.103	2.968	12.2	21.4	7 30	17 55.96	-20 16.3	2.420	3.280	11.0	21.8
48777	1997 QE ₅		6 26.3	290°07'	3.2/26.6	18	469588	2004 CQ ₈		6 26.3	284°10'	2.7/26.8	18
5 21	18 46.06	-14 14.3	2.004	2.839	13.8	19.7	5 21	18 45.48	-14 33.9	1.985	2.822	13.8	20.7
5 31	18 41.72	-14 11.2	1.896	2.810	10.9	19.4	5 31	18 41.11	-14 43.5	1.897	2.813	10.8	20.5
6 10	18 35.14	-14 16.1	1.809	2.780	7.6	19.2	6 10	18 34.62	-15 1.8	1.831	2.803	7.4	20.3
6 20	18 26.80	-14 29.4	1.747	2.750	4.3	18.9	6 20	18 26.54	-15 28.2	1.789	2.794	3.9	20.1
6 30	18 17.47	-14 50.7	1.712	2.720	3.5	18.8	6 30	18 17.71	-16 1.7	1.775	2.785	3.1	20.0
7 10	18 8.18	-15 19.2	1.703	2.689	6.6	18.9	7 10	18 9.11	-16 40.5	1.787	2.775	6.2	20.2
7 20	17 59.90	-15 53.3	1.721	2.659	10.5	19.1	7 20	18 1.64	-17 22.6	1.826	2.766	9.8	20.4
7 30	17 53.55	-16 31.6	1.761	2.628	14.1	19.2	7 30	17 56.11	-18 6.3	1.887	2.757	13.2	20.6
13343	1998 SY ₁₂₇		6 26.3	212°85'	2.7/26.6	18 R	101681	1999 CH ₁₁₀		6 26.3	30°44'	8.1/26.4	18
5 21	18 46.22	-15 31.7	2.079	2.914	13.3	18.7	5 21	18 45.87	-7 25.9	1.491	2.328	17.6	18.6
5 31	18 41.48	-15 25.6	1.997	2.912	10.4	18.5	5 31	18 41.70	-6 15.0	1.428	2.333	14.4	18.4
6 10	18 34.72	-15 25.8	1.937	2.909	7.1	18.3	6 10	18 35.07	-5 17.1	1.385	2.338	11.2	18.2
6 20	18 26.53	-15 32.3	1.902	2.906	3.8	18.1	6 20	18 26.71	-4 36.7	1.364	2.343	8.7	18.1
6 30	18 17.70	-15 44.7	1.894	2.903	3.0	18.0	6 30	18 17.68	-4 16.7	1.366	2.349	8.3	18.1
7 10	18 9.17	-16 2.1	1.914	2.900	6.0	18.2	7 10	18 9.18	-4 17.7	1.392	2.355	10.3	18.2
7 20	18 1.80	-16 23.6	1.959	2.897	9.4	18.4	7 20	18 2.25	-4 37.8	1.440	2.362	13.3	18.4
7 30	17 56.29	-16 48.1	2.028	2.893	12.6	18.6	7 30	17 57.67	-5 13.4	1.509	2.369	16.4	18.6
395623	2011 UQ ₃₉₀		6 26.3	273°92'	1.3/26.4	18	450245	2003 GX ₂₁		6 26.3	67°18'	19.1/22.6	17
5 21	18 45.65	-19 42.5	2.237	3.076	12.4	21.9	5 21	19 7.60	-54 11.3	1.115	1.927	23.8	21.0
5 31	18 41.06	-19 36.6	2.140	3.059	9.6	21.7	5 31	19 3.24	-57 10.6	1.075	1.932	21.6	20.8
6 10	18 34.49	-19 33.6	2.065	3.042	6.3	21.5	6 10	18 51.86	-59 45.3	1.051	1.938	19.9	20.7
6 20	18 26.46	-19 33.0	2.016	3.025	2.8	21.2	6 20	18 34.13	-61 36.0	1.044	1.943	19.1	20.7
6 30	18 17.72	-19 34.3	1.995	3.008	1.9	21.1	6 30	18 13.06	-62 27.3	1.054	1.949	19.4	20.7
7 10	18 9.18	-19 37.1	2.001	2.991	5.4	21.3	7 10	17 53.37	-62 16.8	1.081	1.955	20.6	20.8
7 20	18 1.68	-19 41.2	2.034	2.974	9.0	21.5	7 20	17 39.04	-61 15.0	1.123	1.961	22.4	21.0
7 30	17 55.95	-19 46.8	2.091	2.956	12.2	21.7	7 30	17 32.02	-59 38.7	1.179	1.967	24.3	21.2
217127	2002 DE ₅		6 26.3	216°31'	10.6/23.6	18	285517	2000 EO ₁₅₂		6 26.3	57°57'	3.8/26.6	17
5 21	18 59.48	-48 45.4	2.005	2.795	15.4	20.0	5 21	18 49.25	-15 46.6	1.195	2.060	19.3	20.3
5 31	18 53.22	-50 31.1	1.934	2.791	13.4	19.8	5 31	18 44.87	-15 29.9	1.139	2.070	15.0	20.1
6 10	18 43.20	-52 4.0	1.884	2.786	11.7	19.7	6 10	18 37.38	-15 23.2	1.101	2.081	10.2	19.9
6 20	18 30.13	-53 14.6	1.858	2.781	10.7	19.6	6 20	18 27.67	-15 26.7	1.085	2.091	5.4	19.6
6 30	18 15.46	-53 55.6	1.855	2.776	10.9	19.6	6 30	18 17.14	-15 39.8	1.092	2.102	4.2	19.6
7 10	18 1.14	-54 4.4	1.876	2.771	12.1	19.7	7 10	18 7.37	-16 1.0	1.123	2.114	8.4	19.9
7 20	17 49.00	-53 43.8	1.918	2.765	14.0	19.8	7 20	17 59.68	-16 28.3	1.175	2.125	13.1	20.2
7 30	17 40.41	-53 0.7	1.980	2.759	16.0	20.0	7 30	17 55.00	-16 59.7	1.248	2.137	17.3	20.4
470855	2008 YW ₅₃		6 26.3	169°45'	0.1/26.3	18	31265	1998 EC ₁₃		6 26.3	46°27'	2.6/26.0	18
5 21	18 47.59	-22 2.6	2.271	3.107	12.3	21.9	5 21	18 47.48	-29 31.9	1.995	2.841	13.4	18.0
5 31	18 42.41	-22 24.1	2.190	3.110	9.4	21.7	5 31	18 42.66	-29 57.0	1.925	2.847	10.3	17.9
6 10	18 35.28	-22 48.2	2.134	3.112	6.0	21.5	6 10	18 35.58	-30 19.2	1.877	2.854	6.9	17.7
6 20	18 26.74	-23 12.9	2.103	3.114	2.4	21.2	6 20	18 26.90	-30 35.5	1.854	2.860	3.6	17.5
6 30	18 17.59	-23 36.6	2.100	3.115	1.4	21.2	6 30	18 17.59	-30 43.6	1.858	2.867	3.1	17.4
7 10	18 8.75	-23 57.7	2.126	3.116	5.1	21.4	7 10	18 8.74	-30 42.7	1.889	2.874	6.1	17.7
7 20	18 1.05	-24 15.9	2.179	3.117	8.6	21.6	7 20	18 1.32	-30 33.9	1.945	2.881	9.5	17.9
7 30	17 55.17	-24 31.4	2.255	3.118	11.6	21.8	7 30	17 56.06	-30 19.4	2.024	2.889	12.6	18.1
242551	2005 EG ₇₉		6 26.3	122°01'	1.3/26.5	17	207301	2005 GD ₅₀		6 26.3	237°97'	2.2/26.5	17

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
243630	1999 <i>RX</i> ₂₀₂	6 26.3 323°54		0°5/26.3 18			356147	2009 <i>GW</i> ₃	6 26.3 286°30		3°2/25.7 18		
5 21	18 47.21	-27 6.7	1.895	2.744	13.9	19.6	5 21	18 47.76	-30 19.7	2.194	3.033	12.6	21.0
5 31	18 42.59	-26 33.8	1.805	2.731	10.7	19.3	5 31	18 42.87	-31 7.3	2.114	3.032	9.8	20.8
6 10	18 35.61	-25 56.0	1.737	2.717	7.0	19.1	6 10	18 35.77	-31 53.0	2.057	3.030	6.7	20.6
6 20	18 26.95	-25 12.7	1.693	2.704	2.8	18.8	6 20	18 27.04	-32 33.2	2.026	3.028	3.8	20.4
6 30	18 17.56	-24 24.3	1.677	2.691	1.7	18.7	6 30	18 17.55	-33 4.3	2.022	3.027	3.6	20.4
7 10	18 8.58	-23 32.5	1.687	2.679	6.0	18.9	7 10	18 8.36	-33 24.6	2.045	3.025	6.3	20.5
7 20	18 1.01	-22 40.1	1.723	2.667	10.0	19.2	7 20	18 0.43	-33 34.4	2.095	3.023	9.4	20.7
7 30	17 55.65	-21 50.1	1.782	2.656	13.6	19.4	7 30	17 54.53	-33 35.4	2.167	3.022	12.3	20.9
390463	2013 <i>YU</i> ₁₁₂	6 26.3 110°86		4°0/26.1 17			371645	2007 <i>BL</i> ₄₅	6 26.3 252°14		1°2/26.4 18		
5 21	18 51.21	-33 50.4	1.989	2.825	13.8	21.4	5 21	18 49.45	-19 53.5	1.875	2.717	14.3	21.9
5 31	18 45.57	-34 12.7	1.919	2.832	10.8	21.3	5 31	18 44.42	-19 54.3	1.779	2.700	11.1	21.7
6 10	18 37.46	-34 28.5	1.871	2.840	7.6	21.1	6 10	18 36.93	-19 58.9	1.705	2.683	7.3	21.4
6 20	18 27.64	-34 34.0	1.848	2.847	4.7	20.9	6 20	18 27.55	-20 6.5	1.656	2.666	3.1	21.1
6 30	18 17.17	-34 26.8	1.851	2.854	4.3	20.9	6 30	18 17.22	-20 15.8	1.634	2.648	2.1	21.0
7 10	18 7.28	-34 7.1	1.882	2.860	6.8	21.1	7 10	18 7.08	-20 25.8	1.639	2.630	6.3	21.3
7 20	17 59.00	-33 36.9	1.938	2.867	10.0	21.3	7 20	17 58.24	-20 36.4	1.670	2.611	10.5	21.5
7 30	17 53.09	-33 0.0	2.017	2.874	13.0	21.5	7 30	17 51.60	-20 47.5	1.723	2.591	14.3	21.7
258642	2002 <i>EZ</i> ₃₇	6 26.3 314°57		5°3/26.8 18			109196	2001 <i>QA</i> ₇₆	6 26.3 163°90		6°5/26.5 18		
5 21	18 43.03	-8 45.2	2.145	2.968	13.4	20.7	5 21	18 47.95	-6 45.6	2.078	2.887	14.3	19.7
5 31	18 39.00	-8 16.4	2.060	2.960	10.9	20.5	5 31	18 42.65	-5 51.1	2.004	2.891	11.7	19.5
6 10	18 33.13	-7 57.5	1.997	2.952	8.1	20.3	6 10	18 35.42	-5 7.0	1.952	2.895	9.1	19.4
6 20	18 25.94	-7 49.9	1.959	2.944	5.9	20.2	6 20	18 26.84	-4 35.9	1.924	2.899	7.0	19.3
6 30	18 18.16	-7 54.9	1.946	2.937	5.4	20.1	6 30	18 17.73	-4 19.8	1.923	2.902	6.7	19.2
7 10	18 10.62	-8 11.9	1.960	2.930	7.3	20.2	7 10	18 8.98	-4 19.1	1.948	2.904	8.3	19.3
7 20	18 4.11	-8 39.7	1.998	2.923	10.0	20.4	7 20	18 1.41	-4 32.7	1.999	2.907	10.9	19.5
7 30	17 59.28	-9 16.1	2.060	2.916	12.8	20.5	7 30	17 55.68	-4 58.3	2.071	2.908	13.4	19.7
349843	2009 <i>CE</i> ₅₂	6 26.3 292°63		1°0/26.4 16			323410	2004 <i>CK</i> ₈₄	6 26.3 52°64		3°7/26.8 17		
5 21	18 46.28	-20 5.3	1.984	2.828	13.5	21.5	5 21	18 47.60	-14 0.7	1.456	2.307	17.2	20.4
5 31	18 41.68	-20 8.2	1.904	2.827	10.4	21.3	5 31	18 43.22	-13 59.0	1.391	2.314	13.4	20.2
6 10	18 34.94	-20 14.7	1.846	2.825	6.8	21.1	6 10	18 36.17	-14 8.3	1.346	2.320	9.2	20.0
6 20	18 26.67	-20 23.8	1.813	2.823	2.9	20.8	6 20	18 27.22	-14 28.4	1.323	2.328	5.1	19.8
6 30	18 17.73	-20 34.4	1.808	2.822	1.8	20.8	6 30	18 17.50	-14 58.2	1.326	2.335	4.1	19.7
7 10	18 9.14	-20 45.6	1.829	2.820	5.7	21.0	7 10	18 8.30	-15 35.5	1.353	2.343	7.6	20.0
7 20	18 1.80	-20 57.1	1.876	2.819	9.5	21.2	7 20	18 0.78	-16 17.7	1.405	2.350	11.8	20.2
7 30	17 56.45	-21 8.8	1.946	2.817	12.8	21.4	7 30	17 55.80	-17 2.4	1.477	2.358	15.5	20.5
344517	2002 <i>RX</i> ₂₆₉	6 26.3 207°34		1°3/26.4 17			478839	2012 <i>VJ</i> ₄₄	6 26.3 296°98		3°0/26.4 16		
5 21	18 46.83	-18 47.9	2.244	3.079	12.5	21.5	5 21	18 46.18	-16 50.7	1.806	2.652	14.6	21.4
5 31	18 41.87	-18 51.7	2.158	3.075	9.6	21.3	5 31	18 41.80	-16 22.0	1.722	2.643	11.4	21.2
6 10	18 34.96	-18 59.6	2.096	3.072	6.3	21.1	6 10	18 35.15	-15 58.0	1.659	2.634	7.7	21.0
6 20	18 26.66	-19 10.8	2.059	3.068	2.8	20.9	6 20	18 26.81	-15 39.3	1.621	2.626	4.2	20.7
6 30	18 17.74	-19 24.2	2.050	3.063	1.9	20.8	6 30	18 17.73	-15 26.7	1.608	2.617	3.4	20.7
7 10	18 9.09	-19 39.0	2.069	3.059	5.3	21.0	7 10	18 8.97	-15 20.4	1.622	2.609	6.8	20.8
7 20	18 1.54	-19 54.7	2.115	3.054	8.8	21.2	7 20	18 1.53	-15 20.6	1.660	2.600	10.6	21.0
7 30	17 55.77	-20 11.0	2.185	3.049	11.9	21.4	7 30	17 56.22	-15 26.7	1.721	2.592	14.2	21.3
259099	2002 <i>VN</i> ₁₄₂	6 26.3 312°56		0°7/26.2 18			16496	1990 <i>SS</i> ₈	6 26.3 317°42		5°6/26.9 18		
5 21	18 47.41	-22 53.4	1.427	2.291	16.8	20.6	5 21	18 43.56	-8 27.7	1.970	2.796	14.3	17.9
5 31	18 43.57	-23 23.3	1.346	2.280	12.9	20.3	5 31	18 39.58	-8 4.3	1.887	2.788	11.6	17.7
6 10	18 36.73	-23 58.1	1.286	2.270	8.4	20.0	6 10	18 33.62	-7 52.1	1.824	2.780	8.7	17.5
6 20	18 27.54	-24 34.5	1.248	2.259	3.4	19.7	6 20	18 26.19	-7 52.9	1.785	2.772	6.2	17.4
6 30	18 17.18	-25 8.8	1.235	2.249	2.2	19.6	6 30	18 18.10	-8 7.4	1.772	2.765	5.7	17.3
7 10	18 7.14	-25 38.2	1.246	2.240	7.4	19.9	7 10	18 10.26	-8 34.9	1.785	2.757	7.7	17.4
7 20	17 58.83	-26 1.6	1.281	2.231	12.3	20.1	7 20	18 3.53	-9 13.5	1.822	2.750	10.6	17.6
7 30	17 53.34	-26 19.5	1.336	2.222	16.6	20.4	7 30	17 58.63	-10 0.5	1.882	2.743	13.6	17.7
33405	Rekhtman	6 26.3 186°82		2°1/26.4 18			280119	2002 <i>JQ</i> ₂	6 26.3 11°63		4°6/24.6 17		
5 21	18 51.70	-18 8.7	1.742	2.581	15.3	20.0	5 21	18 42.14	-23 10.0	0.976	1.871	20.1	18.7
5 31	18 46.06	-17 58.5	1.662	2.581	11.9	19.8	5 31	18 40.46	-25 32.7	0.928	1.879	15.4	18.5
6 10	18 37.88	-17 53.2	1.605	2.581	7.9	19.5	6 10	18 35.16	-28 7.0	0.899	1.888	10.1	18.2
6 20	18 27.86	-17 52.3	1.572	2.579	3.7	19.3	6 20	18 27.02	-30 40.6	0.892	1.900	5.4	18.0
6 30	18 17.05	-17 55.1	1.565	2.578	2.7	19.2	6 30	18 17.59	-32 59.6	0.907	1.915	5.6	18.1
7 10	18 6.65	-18 1.2	1.586	2.575	6.7	19.5	7 10	18 8.83	-34 53.6	0.944	1.932	10.2	18.4
7 20	17 57.77	-18 10.1	1.632	2.572	10.9	19.7	7 20	18 2.45	-36 18.6	1.002	1.951	14.9	18.7
7 30	17 51.27	-18 21.9	1.701	2.568	14.5	19.9	7 30	17 59.66	-37 16.7	1.078	1.972	19.0	19.0
256788	2008 <i>CF</i> ₄₃	6 26.3 229°71		1°4/26.5 17			336205	2008 <i>SX</i> ₁₈	6 26.3 189°92		2°2/26.4 18		
5 21	18 50.24	-18 34.6	1.874	2.712	14.5	21.2	5 21	18 47.91	-17 17.9	2.216	3.047	12.8	21.7
5 31	18 44.96	-18 45.6	1.782	2.701	11.2	21.0	5 31	18 42.65	-17 2.4	2.132	3.046	9.9	21.5
6 10	18 37.24	-19 2.3	1.713	2.690	7.4	20.8	6 10	18 35.45	-16 50.9	2.072	3.045	6.6	21.3
6 20	18 27.65	-19 23.5	1.669	2.678	3.3	20.5	6 20	18 26.88	-16 43.5	2.037	3.043	3.3	21.1
6 30	18 17.14	-19 47.6	1.652	2.665	2.1	20.4	6 30	18 17.73	-16 40.2	2.031	3.041	2.6	21.0
7 10	18 6.85	-20 12.8	1.662	2.652	6.3	20.6	7 10	18 8.89	-16 40.6	2.052	3.038	5.7	21.2
7 20	17 57.87	-20 38.1	1.698	2.638	10.5	20.8	7 20	18 1.19	-16 44.7	2.100	3.035	9.0	21.4
7 30	17 51.10	-21 3.2	1.757	2.624	14.1	21.0	7 30	17 55.31	-16 52.3	2.172	3.032	12.1	21.6
199767	2006 <i>KW</i> ₁₂	6 26.3 195°02		4°8/27.2 18			348899	2006 <i>SX</i> ₃₄₈	6 26.3 315°20		3°4/25.9 18		
5 21	18 46.66												

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V	
85275	1994 LY	6 26.3 329°07' 31.2°/21.3 17						2439	Ulugbek	6 26.3 185°97' 0°1'/26.3 18				
5 21	18 26.40	+15 37.6	0.697	1.541	31.2	17.6	5 21	18 45.71	-22 52.3	2.795	3.626	10.4	17.5	
5 31	18 29.06	+18 35.9	0.605	1.480	31.4	17.2	5 31	18 40.68	-22 57.7	2.709	3.625	7.9	17.3	
6 10	18 28.63	+21 15.4	0.521	1.419	32.1	16.8	6 10	18 34.06	-23 3.9	2.648	3.625	5.1	17.1	
6 20	18 24.97	+23 17.4	0.445	1.358	33.3	16.4	6 20	18 26.34	-23 9.9	2.613	3.624	2.0	16.9	
6 30	18 18.41	+24 15.2	0.376	1.300	35.3	16.0	6 30	18 18.15	-23 14.7	2.608	3.623	1.2	16.8	
7 10	18 9.92	+23 35.8	0.312	1.245	37.8	15.6	7 10	18 10.22	-23 18.0	2.631	3.621	4.3	17.1	
7 20	18 0.89	+20 31.4	0.253	1.194	40.8	15.1	7 20	18 3.19	-23 19.8	2.682	3.619	7.3	17.3	
7 30	17 53.43	+13 40.1	0.198	1.149	43.9	14.6	7 30	17 57.62	-23 20.5	2.758	3.616	9.9	17.4	
46966	1998 SP ₁₃₄	6 26.3 255°73' 2°1'/26.1 18						112345	2002 ND ₉	6 26.3 306°48' 2°0'/26.1 17				
5 21	18 50.62	-27 19.9	1.735	2.583	15.0	18.9	5 21	18 47.68	-26 24.9	1.340	2.209	17.4	20.0	
5 31	18 45.64	-27 44.5	1.647	2.571	11.6	18.6	5 31	18 44.33	-26 43.5	1.245	2.181	13.6	19.7	
6 10	18 37.88	-28 8.5	1.580	2.558	7.7	18.4	6 10	18 37.61	-27 2.8	1.169	2.153	9.0	19.3	
6 20	18 27.99	-28 28.5	1.537	2.546	3.6	18.1	6 20	18 28.10	-27 19.2	1.114	2.125	4.0	18.9	
6 30	18 17.05	-28 41.1	1.521	2.533	2.8	18.0	6 30	18 16.99	-27 28.8	1.084	2.098	3.0	18.8	
7 10	18 6.42	-28 44.9	1.531	2.519	6.9	18.2	7 10	18 5.98	-27 29.4	1.077	2.071	8.3	19.0	
7 20	17 57.33	-28 40.5	1.565	2.506	11.2	18.5	7 20	17 56.73	-27 21.7	1.092	2.044	13.7	19.2	
7 30	17 50.80	-28 30.3	1.622	2.492	15.0	18.7	7 30	17 50.65	-27 8.2	1.127	2.018	18.6	19.4	
434134	2002 QJ ₁₁₁	6 26.3 284°08' 4°4'/26.7 18						43130	1999 XZ ₆₈	6 26.3 72°92' 0°7'/26.2 18				
5 21	18 45.75	-11 42.5	1.997	2.827	14.0	21.5	5 21	18 47.97	-23 21.0	1.857	2.705	14.2	18.8	
5 31	18 41.43	-11 26.9	1.895	2.803	11.2	21.2	5 31	18 43.20	-23 52.0	1.784	2.709	10.8	18.6	
6 10	18 34.95	-11 20.3	1.814	2.779	8.1	21.0	6 10	18 36.06	-24 25.6	1.732	2.713	7.0	18.4	
6 20	18 26.80	-11 23.8	1.758	2.755	5.2	20.8	6 20	18 27.21	-24 59.1	1.706	2.716	2.8	18.1	
6 30	18 17.77	-11 37.8	1.729	2.731	4.6	20.7	6 30	18 17.63	-25 29.7	1.706	2.720	1.8	18.1	
7 10	18 8.83	-12 2.0	1.726	2.706	7.1	20.8	7 10	18 8.44	-25 55.5	1.733	2.724	6.0	18.3	
7 20	18 0.94	-12 34.8	1.748	2.681	10.6	20.9	7 20	18 0.66	-26 15.9	1.786	2.728	9.9	18.6	
7 30	17 54.94	-13 14.3	1.793	2.656	14.0	21.1	7 30	17 55.10	-26 31.6	1.861	2.732	13.3	18.8	
303673	2005 MV ₄₀	6 26.3 330°54' 4°0'/26.9 17						521065	2015 DU ₂₃₈	6 26.3 298°45' 3°4'/26.6 17				
5 21	18 44.32	-11 57.3	1.972	2.806	14.0	20.7	5 21	18 46.16	-15 14.8	1.673	2.520	15.5	21.5	
5 31	18 40.17	-11 51.4	1.891	2.802	11.1	20.5	5 31	18 42.03	-15 0.0	1.589	2.510	12.2	21.2	
6 10	18 34.00	-11 55.0	1.831	2.798	7.9	20.3	6 10	18 35.45	-14 52.8	1.526	2.500	8.4	21.0	
6 20	18 26.37	-12 8.8	1.796	2.794	4.9	20.1	6 20	18 27.02	-14 53.8	1.486	2.490	4.6	20.7	
6 30	18 18.07	-12 32.5	1.787	2.791	4.2	20.1	6 30	18 17.73	-15 2.9	1.472	2.480	3.8	20.7	
7 10	18 10.06	-13 4.7	1.805	2.787	6.6	20.2	7 10	18 8.74	-15 19.5	1.483	2.471	7.2	20.8	
7 20	18 3.20	-13 43.5	1.847	2.784	10.0	20.4	7 20	18 1.13	-15 42.2	1.519	2.462	11.2	21.1	
7 30	17 58.21	-14 26.9	1.913	2.781	13.1	20.6	7 30	17 55.78	-16 9.9	1.576	2.452	15.0	21.3	
169637	2002 JY ₂₀	6 26.3 37°16' 1°5'/26.2 17						439867	1999 VC ₈₅	6 26.3 327°38' 3°5'/26.4 18				
5 21	18 49.47	-26 4.1	1.215	2.087	18.6	19.7	5 21	18 44.35	-14 5.0	2.315	3.145	12.3	21.1	
5 31	18 45.27	-26 14.2	1.158	2.096	14.2	19.4	5 31	18 39.85	-13 32.4	2.235	3.145	9.7	21.0	
6 10	18 37.77	-26 23.5	1.120	2.105	9.2	19.2	6 10	18 33.62	-13 5.1	2.177	3.144	6.8	20.8	
6 20	18 27.92	-26 28.7	1.104	2.115	3.9	18.9	6 20	18 26.19	-12 44.2	2.144	3.143	4.2	20.6	
6 30	18 17.20	-26 27.3	1.111	2.125	2.6	18.8	6 30	18 18.27	-12 30.4	2.139	3.142	3.7	20.6	
7 10	18 7.32	-26 18.9	1.142	2.136	7.8	19.2	7 10	18 10.65	-12 24.0	2.162	3.141	6.0	20.7	
7 20	17 59.66	-26 5.4	1.195	2.147	12.7	19.5	7 20	18 4.06	-12 24.8	2.210	3.141	8.9	20.9	
7 30	17 55.18	-25 49.5	1.268	2.159	16.9	19.8	7 30	17 59.08	-12 32.2	2.282	3.140	11.6	21.1	
192034	2005 YL ₂₆₉	6 26.3 234°21' 5°7'/27.4 18						312860	2011 UB ₁₂₅	6 26.3 157°23' 4°2'/26.6 16				
5 21	18 47.02	-6 26.2	2.045	2.855	14.4	20.8	5 21	18 44.83	-10 35.6	2.486	3.302	12.0	21.5	
5 31	18 42.20	-6 20.1	1.956	2.846	11.8	20.6	5 31	18 40.06	-10 6.4	2.408	3.306	9.6	21.3	
6 10	18 35.31	-6 27.3	1.888	2.837	8.9	20.4	6 10	18 33.68	-9 44.5	2.353	3.310	7.0	21.2	
6 20	18 26.90	-6 49.4	1.844	2.827	6.5	20.3	6 20	18 26.20	-9 31.2	2.323	3.313	4.8	21.0	
6 30	18 17.75	-7 26.3	1.827	2.817	5.8	20.2	6 30	18 18.28	-9 26.9	2.321	3.316	4.4	21.0	
7 10	18 8.80	-8 16.5	1.837	2.807	7.7	20.3	7 10	18 10.65	-9 31.8	2.347	3.318	6.2	21.1	
7 20	18 0.93	-9 17.2	1.872	2.796	10.6	20.5	7 20	18 3.96	-9 44.9	2.399	3.321	8.7	21.3	
7 30	17 54.92	-10 25.0	1.931	2.785	13.6	20.6	7 30	17 58.79	-10 5.1	2.475	3.323	11.2	21.5	
36177	Tonysharon	6 26.3 257°21' 3°8'/26.0 18						314095	2005 EE ₁₈	6 26.3 140°95' 2°4'/26.1 17				
5 21	18 48.63	-34 20.7	2.311	3.143	12.3	18.5	5 21	18 53.62	-28 20.7	1.721	2.564	15.3	21.6	
5 31	18 43.45	-34 44.8	2.228	3.138	9.7	18.4	5 31	18 47.68	-28 44.4	1.652	2.573	11.8	21.4	
6 10	18 36.10	-35 3.1	2.167	3.133	6.9	18.2	6 10	18 39.01	-29 5.8	1.605	2.582	7.8	21.1	
6 20	18 27.19	-35 12.4	2.132	3.128	4.4	18.0	6 20	18 28.39	-29 21.0	1.582	2.589	3.7	20.9	
6 30	18 17.60	-35 10.3	2.124	3.123	4.1	18.0	6 30	18 17.01	-29 27.3	1.586	2.597	3.0	20.9	
7 10	18 8.38	-34 56.4	2.143	3.119	6.3	18.1	7 10	18 6.22	-29 23.9	1.616	2.604	6.8	21.1	
7 20	18 0.46	-34 32.1	2.188	3.114	9.2	18.3	7 20	17 57.20	-29 12.3	1.672	2.610	10.7	21.4	
7 30	17 54.58	-34 0.4	2.256	3.109	12.0	18.5	7 30	17 50.82	-28 55.4	1.751	2.616	14.2	21.6	
192782	1999 UU ₂₅	6 26.3 236°03' 1°9'/26.1 18						27392	Valerieding	6 26.3 97°46' 1°0'/26.3 17				
5 21	18 50.04	-28 14.8	2.346	3.178	12.1	21.2	5 21	18 50.28	-21 25.1	1.632	2.482	15.7	19.0	
5 31	18 44.50	-28 35.7	2.249	3.164	9.4	21.0	5 31	18 45.03	-21 12.4	1.566	2.492	12.0	18.8	
6 10	18 36.81	-28 55.0	2.175	3.149	6.2	20.8	6 10	18 37.23	-21 1.7	1.522	2.502	7.8	18.6	
6 20	18 27.50	-29 10.0	2.127	3.134	3.0	20.5	6 20	18 27.67	-20 52.3	1.501	2.511	3.2	18.3	
6 30	18 17.41	-29 18.5	2.107	3.118	2.4	20.5	6 30	18 17.45	-20 43.7	1.507	2.521	2.0	18.2	
7 10	18 7.53	-29 19.5	2.116	3.102	5.6	20.6	7 10	18 7.85	-20 35.7	1.538	2.530	6.5	18.5	
7 20	17 58.79	-29 13.6	2.152	3.084	9.0	20.8	7 20	17 59.92	-20 29.1	1.595	2.539	10.7	18.8	
7 30	17 51.98	-29 2.5	2.212	3.067	12.1	21.0	7 30	17 54.45	-20 24.6	1.674	2.549	14.3	19.1	
504823	2010 JO ₆₆	6 26.3 145°64' 3°6'/26.6 17						519626	2012 UC ₁₈₂	6 26.3 336°14' 1°2'/26.4 17				
5 21	18 46.88	-13 57.0	1.949	2.783	14.1	21.5	5 21	18 46.76	-20 45.9	1.816	2.666	14.4	21.2	
5 31	18 42.07	-13 37.0</												

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
257019	2008 <i>FN</i> ₁₄		6 26.3 233°66	4.8/26.8	18		277454	2005 <i>UT</i> ₅₀₉		6 26.3 126°54	2.3/26.2	17	
5 21	18 44.21	- 8 44.4	2.457	3.270	12.2	21.1	5 21	18 52.57	-29 18.3	2.072	2.906	13.4	21.4
5 31	18 39.69	- 8 17.4	2.369	3.263	9.9	20.9	5 31	18 46.40	-29 37.0	2.005	2.921	10.3	21.2
6 10	18 33.53	- 7 59.0	2.304	3.256	7.4	20.7	6 10	18 37.96	-29 52.5	1.961	2.936	6.8	21.0
6 20	18 26.19	- 7 50.6	2.265	3.249	5.3	20.6	6 20	18 27.97	-30 1.7	1.943	2.949	3.4	20.8
6 30	18 18.32	- 7 52.9	2.252	3.242	4.9	20.5	6 30	18 17.42	-30 2.6	1.952	2.962	2.8	20.8
7 10	18 10.67	- 8 5.7	2.267	3.235	6.6	20.6	7 10	18 7.42	-29 55.0	1.990	2.975	5.9	21.0
7 20	18 3.93	- 8 28.0	2.308	3.227	9.1	20.8	7 20	17 58.92	-29 40.2	2.054	2.987	9.3	21.3
7 30	17 58.69	- 8 58.2	2.372	3.219	11.6	20.9	7 30	17 52.64	-29 20.7	2.141	2.999	12.3	21.5
339307	2004 <i>XL</i> ₈₈		6 26.3 297°34	1.3/26.3	18		313284	2002 <i>CO</i> ₄		6 26.3 262°81	2.9/26.2	17	
5 21	18 48.70	-27 16.3	1.699	2.552	15.1	20.1	5 21	18 53.40	-29 24.9	1.596	2.444	16.1	21.0
5 31	18 44.26	-27 11.0	1.603	2.530	11.7	19.9	5 31	18 48.22	-29 42.8	1.501	2.424	12.6	20.8
6 10	18 37.07	-27 2.7	1.528	2.509	7.7	19.6	6 10	18 39.86	-29 57.8	1.426	2.404	8.5	20.5
6 20	18 27.75	-26 49.1	1.477	2.487	3.3	19.3	6 20	18 28.96	-30 5.5	1.376	2.383	4.3	20.2
6 30	18 17.36	-26 28.8	1.452	2.466	2.3	19.1	6 30	18 16.74	-30 2.3	1.351	2.362	3.5	20.1
7 10	18 7.26	-26 1.8	1.453	2.445	6.8	19.4	7 10	18 4.76	-29 46.9	1.352	2.340	7.7	20.3
7 20	17 58.67	-25 30.1	1.478	2.424	11.3	19.6	7 20	17 54.51	-29 21.3	1.377	2.317	12.4	20.5
7 30	17 52.62	-24 56.7	1.525	2.403	15.3	19.8	7 30	17 47.20	-28 49.4	1.423	2.294	16.6	20.7
143747	2003 <i>UQ</i> ₂₅₉		6 26.3 235°79	1.5/26.1	18		231840	2000 <i>QZ</i> ₂₂₅		6 26.3 283°68	1.1/26.4	18	
5 21	18 51.18	-24 20.3	1.688	2.536	15.3	20.3	5 21	18 51.46	-27 36.4	1.824	2.667	14.6	20.3
5 31	18 46.13	-25 1.4	1.603	2.528	11.8	20.1	5 31	18 46.29	-27 20.6	1.717	2.639	11.4	20.0
6 10	18 38.26	-25 46.0	1.539	2.519	7.7	19.8	6 10	18 38.37	-27 0.4	1.632	2.611	7.5	19.7
6 20	18 28.22	-26 30.3	1.500	2.510	3.3	19.5	6 20	18 28.31	-26 33.7	1.572	2.582	3.2	19.4
6 30	18 17.09	-27 10.0	1.488	2.501	2.4	19.4	6 30	18 17.13	-25 59.3	1.539	2.553	2.1	19.2
7 10	18 6.22	-27 42.4	1.502	2.492	6.9	19.7	7 10	18 6.15	-25 17.9	1.533	2.524	6.6	19.4
7 20	17 56.89	-28 6.4	1.541	2.482	11.3	19.9	7 20	17 56.61	-24 32.2	1.552	2.494	11.1	19.6
7 30	17 50.15	-28 23.3	1.602	2.471	15.1	20.1	7 30	17 49.54	-23 45.7	1.594	2.464	15.2	19.8
337177	1999 <i>VT</i> ₇₅		6 26.3 200°90	1.6/26.1	17		232469	2003 <i>HL</i> ₃₂		6 26.3 49°03	5.2/25.5	17	
5 21	18 49.16	-26 26.5	2.135	2.974	12.9	22.0	5 21	18 51.11	-32 37.6	1.596	2.446	16.0	20.1
5 31	18 43.93	-26 55.1	2.052	2.971	9.9	21.8	5 31	18 46.28	-33 46.1	1.531	2.452	12.6	19.9
6 10	18 36.48	-27 23.6	1.991	2.969	6.5	21.6	6 10	18 38.41	-34 50.8	1.488	2.459	8.9	19.7
6 20	18 27.41	-27 49.4	1.957	2.966	2.9	21.3	6 20	18 28.29	-35 45.2	1.468	2.466	5.8	19.6
6 30	18 17.60	-28 9.7	1.950	2.963	2.2	21.3	6 30	18 17.19	-36 23.6	1.474	2.473	5.7	19.6
7 10	18 8.11	-28 23.2	1.972	2.959	5.7	21.5	7 10	18 6.63	-36 43.8	1.505	2.480	8.5	19.7
7 20	17 59.88	-28 30.1	2.019	2.955	9.3	21.7	7 20	17 57.96	-36 46.9	1.559	2.488	12.0	20.0
7 30	17 53.68	-28 31.7	2.090	2.951	12.4	21.9	7 30	17 52.17	-36 36.7	1.635	2.495	15.3	20.2
338677	2003 <i>TX</i> ₄		6 26.3 264°42	6.1/26.2	17		289497	2005 <i>EU</i> ₁₂₈		6 26.3 181°24	3.1/26.7	17	
5 21	18 46.40	- 9 35.0	1.915	2.741	14.7	21.0	5 21	18 50.33	-15 5.2	1.747	2.584	15.4	21.3
5 31	18 41.73	- 8 33.1	1.838	2.739	11.9	20.8	5 31	18 45.04	-14 59.8	1.669	2.585	12.1	21.1
6 10	18 35.00	- 7 39.6	1.782	2.737	9.0	20.6	6 10	18 37.30	-15 2.4	1.613	2.585	8.2	20.9
6 20	18 26.80	- 6 57.3	1.751	2.735	6.7	20.5	6 20	18 27.79	-15 12.8	1.581	2.585	4.4	20.6
6 30	18 17.99	- 6 28.9	1.745	2.733	6.3	20.5	6 30	18 17.50	-15 30.4	1.576	2.585	3.5	20.6
7 10	18 9.54	- 6 15.3	1.765	2.730	8.3	20.6	7 10	18 7.59	-15 53.8	1.597	2.584	6.9	20.8
7 20	18 2.32	- 6 16.1	1.810	2.728	11.2	20.8	7 20	17 59.13	-16 21.7	1.643	2.582	10.8	21.0
7 30	17 57.04	- 6 29.6	1.876	2.726	14.1	20.9	7 30	17 52.94	-16 52.7	1.712	2.580	14.4	21.2
507732	2013 <i>WC</i> ₆₆		6 26.3 215°11	2.5/26.5	18		213308	2001 <i>RQ</i> ₇₉		6 26.3 269°17	1.2/26.5	18	
5 21	18 48.77	-16 30.2	2.299	3.125	12.5	22.5	5 21	18 46.99	-18 48.4	2.495	3.324	11.6	20.6
5 31	18 43.34	-16 13.6	2.206	3.117	9.8	22.3	5 31	18 42.07	-18 54.4	2.383	3.297	9.0	20.4
6 10	18 35.97	-16 1.3	2.137	3.108	6.6	22.1	6 10	18 35.25	-19 4.4	2.295	3.270	5.9	20.1
6 20	18 27.19	-15 53.3	2.093	3.098	3.5	21.9	6 20	18 26.98	-19 17.7	2.233	3.242	2.7	19.9
6 30	18 17.76	-15 49.8	2.078	3.087	2.8	21.8	6 30	18 17.94	-19 33.1	2.200	3.213	1.8	19.8
7 10	18 8.57	-15 50.7	2.092	3.076	5.7	22.0	7 10	18 8.95	-19 50.0	2.195	3.184	5.1	19.9
7 20	18 0.44	-15 55.6	2.132	3.065	9.0	22.2	7 20	18 0.82	-20 7.5	2.218	3.155	8.5	20.1
7 30	17 54.07	-16 4.5	2.196	3.052	12.1	22.4	7 30	17 54.28	-20 25.6	2.265	3.124	11.7	20.3
114292	2002 <i>XQ</i> ₂₉		6 26.3 241°43	2.0/26.6	18		505418	2013 <i>RH</i> ₁₉		6 26.3 278°34	0.2/26.3	18	
5 21	18 48.89	-17 14.7	1.792	2.634	14.9	20.0	5 21	18 49.84	-24 3.6	1.620	2.473	15.7	21.6
5 31	18 44.06	-17 24.0	1.704	2.624	11.6	19.8	5 31	18 45.22	-23 57.2	1.527	2.454	12.1	21.3
6 10	18 36.76	-17 40.4	1.638	2.615	7.7	19.5	6 10	18 37.76	-23 50.6	1.454	2.435	7.9	21.0
6 20	18 27.61	-18 3.1	1.597	2.605	3.6	19.2	6 20	18 28.09	-23 42.3	1.405	2.416	3.2	20.7
6 30	18 17.54	-18 30.4	1.582	2.595	2.5	19.1	6 30	18 17.30	-23 31.0	1.382	2.397	1.9	20.5
7 10	18 7.72	-19 0.6	1.594	2.584	6.5	19.4	7 10	18 6.77	-23 16.4	1.384	2.377	6.9	20.8
7 20	17 59.23	-19 32.2	1.631	2.573	10.6	19.6	7 20	17 57.80	-22 59.8	1.411	2.358	11.7	21.0
7 30	17 52.99	-20 4.2	1.690	2.562	14.4	19.8	7 30	17 51.43	-22 43.2	1.460	2.338	15.9	21.2
426363	2013 <i>NM</i> ₁₄		6 26.3 326°01	1.2/26.4	17		512438	2016 <i>QT</i>		6 26.3 258°34	3.0/26.1	18	
5 21	18 43.83	-20 28.7	1.165	2.045	18.6	20.7	5 21	18 50.61	-31 25.4	2.231	3.064	12.6	22.6
5 31	18 41.45	-20 30.6	1.083	2.025	14.5	20.4	5 31	18 45.19	-31 44.4	2.131	3.045	9.9	22.4
6 10	18 35.75	-20 38.7	1.020	2.007	9.6	20.1	6 10	18 37.41	-31 59.6	2.054	3.025	6.8	22.2
6 20	18 27.39	-20 51.9	0.977	1.989	4.0	19.7	6 20	18 27.87	-32 7.6	2.002	3.005	3.8	22.0
6 30	18 17.62	-21 8.4	0.957	1.972	2.5	19.6	6 30	18 17.45	-32 5.9	1.978	2.985	3.3	21.9
7 10	18 8.12	-21 26.5	0.959	1.956	8.3	19.8	7 10	18 7.25	-31 53.7	1.981	2.964	6.2	22.0
7 20	18 0.51	-21 44.9	0.981	1.941	13.9	20.1	7 20	17 58.30	-31 32.3	2.011	2.942	9.6	22.2
7 30	17 56.07	-22 3.5	1.023	1.927	18.9	20.3	7 30	17 51.44	-31 4.3	2.065	2.921	12.8	22.4
424036	2007 <i>AA</i> ₁₁		6 26.3 198°57	1.1/26.5	17		126688						

EPHEMERIDES

6 26.3

6 26.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
204112	2003 <i>WT</i> ₁₄₈		6 26.3 263°96	0°9/26.4	18		234280	2000 <i>WM</i> ₁₅₄		6 26.3 176°17	2°6/26.2	18	
5 21	18 47.05	-20 10.3	1.989	2.832	13.6	20.7	5 21	18 50.22	-18 0.6	2.261	3.087	12.7	20.8
5 31	18 42.44	-20 19.3	1.901	2.823	10.5	20.5	5 31	18 44.35	-17 16.7	2.178	3.089	9.8	20.6
6 10	18 35.62	-20 32.3	1.835	2.814	6.8	20.3	6 10	18 36.56	-16 34.7	2.120	3.091	6.6	20.4
6 20	18 27.15	-20 48.1	1.794	2.804	2.9	20.0	6 20	18 27.46	-15 55.4	2.088	3.092	3.5	20.2
6 30	18 17.90	-21 5.3	1.780	2.794	1.7	19.9	6 30	18 17.85	-15 19.9	2.085	3.093	2.9	20.1
7 10	18 8.91	-21 22.6	1.793	2.785	5.8	20.2	7 10	18 8.63	-14 49.6	2.110	3.093	5.8	20.3
7 20	18 1.12	-21 39.4	1.832	2.775	9.7	20.4	7 20	18 0.60	-14 25.2	2.162	3.093	9.1	20.5
7 30	17 55.35	-21 55.6	1.894	2.765	13.1	20.6	7 30	17 54.40	-14 7.4	2.239	3.092	12.0	20.7
121732	1999 <i>XB</i> ₁₇₁		6 26.3 275°10	1°6/26.0	18		410753	2009 <i>DH</i> ₅₂		6 26.3 193°41	1°3/26.6	17	
5 21	18 46.60	-26 33.0	2.503	3.338	11.3	19.7	5 21	18 51.69	-18 19.7	1.635	2.478	16.0	22.0
5 31	18 41.85	-27 6.0	2.400	3.318	8.7	19.5	5 31	18 46.40	-18 40.1	1.556	2.477	12.4	21.8
6 10	18 35.15	-27 39.6	2.322	3.298	5.8	19.3	6 10	18 38.38	-19 7.9	1.498	2.476	8.1	21.5
6 20	18 26.96	-28 11.3	2.270	3.278	2.7	19.0	6 20	18 28.32	-19 41.2	1.464	2.473	3.5	21.2
6 30	18 18.00	-28 38.6	2.246	3.257	2.1	19.0	6 30	18 17.31	-20 17.5	1.457	2.471	2.2	21.1
7 10	18 9.14	-29 0.1	2.250	3.236	5.2	19.1	7 10	18 6.66	-20 54.1	1.476	2.468	6.7	21.4
7 20	18 1.23	-29 15.2	2.281	3.215	8.5	19.3	7 20	17 57.57	-21 29.5	1.520	2.464	11.2	21.7
7 30	17 55.01	-29 24.6	2.337	3.194	11.4	19.5	7 30	17 51.00	-22 2.8	1.587	2.460	15.1	21.9
513666	2011 <i>UK</i> ₃₃₇		6 26.3 203°73	4°9/26.9	18		296995	2010 <i>EG</i> ₁₃₇		6 26.3 28°95	1°2/26.5	17	
5 21	18 44.01	-4 55.2	3.210	3.995	10.2	23.0	5 21	18 47.48	-20 9.4	1.024	1.907	20.4	19.9
5 31	18 39.16	-4 27.3	3.119	3.989	8.5	22.9	5 31	18 44.17	-20 16.9	0.971	1.914	15.7	19.6
6 10	18 33.04	-4 7.7	3.051	3.983	6.6	22.7	6 10	18 37.34	-20 31.6	0.936	1.923	10.2	19.3
6 20	18 26.02	-3 57.7	3.009	3.976	5.2	22.6	6 20	18 27.96	-20 51.6	0.921	1.933	4.2	19.0
6 30	18 18.60	-3 58.1	2.996	3.968	5.0	22.6	6 30	18 17.59	-21 13.9	0.928	1.943	2.5	19.0
7 10	18 11.35	-4 8.8	3.010	3.960	6.0	22.7	7 10	18 8.07	-21 36.4	0.957	1.954	8.3	19.3
7 20	18 4.77	-4 28.9	3.052	3.951	7.8	22.8	7 20	18 0.89	-21 57.8	1.007	1.966	13.7	19.7
7 30	17 59.34	-4 57.1	3.118	3.941	9.7	22.9	7 30	17 57.09	-22 17.9	1.076	1.979	18.3	20.0
151385	2002 <i>EH</i> ₆₂		6 26.3 153°15	1°8/26.2	18		446758	2015 <i>PS</i> ₃₀		6 26.3 300°35	5°9/27.2	18	
5 21	18 47.37	-28 40.3	2.554	3.387	11.2	21.0	5 21	18 43.28	-6 16.2	2.196	3.009	13.5	21.0
5 31	18 42.17	-28 54.4	2.475	3.391	8.6	20.8	5 31	18 39.29	-5 55.7	2.104	2.995	11.1	20.8
6 10	18 35.15	-29 6.2	2.420	3.395	5.7	20.6	6 10	18 33.48	-5 47.0	2.034	2.981	8.5	20.6
6 20	18 26.88	-29 13.6	2.391	3.399	2.7	20.4	6 20	18 26.32	-5 51.8	1.988	2.966	6.4	20.4
6 30	18 18.11	-29 15.2	2.391	3.402	2.2	20.4	6 30	18 18.50	-6 10.9	1.967	2.953	6.0	20.4
7 10	18 9.67	-29 10.5	2.419	3.405	4.9	20.6	7 10	18 10.86	-6 43.7	1.973	2.939	7.6	20.5
7 20	18 2.32	-29 0.5	2.474	3.408	7.9	20.8	7 20	18 4.16	-7 28.3	2.004	2.925	10.2	20.6
7 30	17 56.69	-28 46.4	2.553	3.411	10.6	21.0	7 30	17 59.10	-8 21.9	2.058	2.912	12.9	20.7
35163	1993 <i>OD</i> ₅		6 26.3 329°62	1°2/26.3	18		416341	2003 <i>SV</i> ₂₈₁		6 26.3 260°65	3°1/26.2	17	
5 21	18 45.77	-24 58.1	1.128	2.010	19.0	18.8	5 21	18 52.98	-30 5.5	1.644	2.491	15.7	21.9
5 31	18 43.08	-25 9.1	1.053	1.996	14.7	18.5	5 31	18 47.80	-30 23.5	1.552	2.474	12.3	21.7
6 10	18 36.88	-25 21.4	0.996	1.983	9.7	18.2	6 10	18 39.54	-30 38.0	1.480	2.457	8.4	21.4
6 20	18 27.87	-25 32.1	0.959	1.971	4.0	17.8	6 20	18 28.87	-30 44.5	1.433	2.439	4.4	21.1
6 30	18 17.48	-25 37.9	0.944	1.959	2.6	17.7	6 30	18 16.99	-30 39.8	1.411	2.421	3.6	21.0
7 10	18 7.53	-25 37.4	0.952	1.949	8.5	18.0	7 10	18 5.42	-30 22.7	1.415	2.402	7.6	21.2
7 20	17 59.70	-25 31.5	0.981	1.939	14.1	18.3	7 20	17 55.56	-29 55.3	1.443	2.383	12.0	21.4
7 30	17 55.27	-25 22.4	1.028	1.931	18.9	18.6	7 30	17 48.54	-29 21.6	1.493	2.364	16.0	21.6
133973	2004 <i>TO</i> ₂₀₇		6 26.3 161°39	1°4/26.4	18		330608	2008 <i>DV</i> ₆₅		6 26.3 333°81	2°7/26.8	17	
5 21	18 48.26	-19 33.0	1.992	2.832	13.7	21.1	5 21	18 45.12	-16 3.6	1.312	2.178	17.9	20.6
5 31	18 43.19	-19 26.1	1.915	2.834	10.5	20.9	5 31	18 41.95	-16 14.0	1.235	2.168	14.0	20.3
6 10	18 35.98	-19 22.5	1.860	2.837	6.9	20.7	6 10	18 35.82	-16 35.7	1.178	2.158	9.4	20.0
6 20	18 27.26	-19 21.7	1.830	2.839	3.0	20.5	6 20	18 27.41	-17 8.1	1.141	2.150	4.6	19.8
6 30	18 17.92	-19 23.0	1.827	2.841	2.1	20.4	6 30	18 17.85	-17 49.1	1.129	2.142	3.3	19.6
7 10	18 8.96	-19 26.0	1.852	2.842	5.8	20.7	7 10	18 8.64	-18 35.7	1.140	2.135	7.8	19.9
7 20	18 1.29	-19 30.5	1.903	2.844	9.5	20.9	7 20	18 1.12	-19 24.9	1.174	2.128	12.7	20.1
7 30	17 55.64	-19 36.7	1.977	2.845	12.8	21.1	7 30	17 56.40	-20 14.2	1.228	2.122	17.1	20.4
211838	2004 <i>FV</i> ₁₇		6 26.3 172°87	19°1/24.0	18		214984	2008 <i>AB</i> ₈₁		6 26.3 211°89	4°0/27.1	18	
5 21	19 13.08	-56 27.7	1.178	1.972	23.8	20.1	5 21	18 45.15	-10 13.0	2.417	3.233	12.3	21.2
5 31	19 7.73	-58 59.1	1.131	1.973	21.8	20.0	5 31	18 40.49	-10 7.7	2.331	3.230	9.8	21.0
6 10	18 54.96	-61 5.6	1.099	1.974	20.1	19.9	6 10	18 34.13	-10 11.3	2.267	3.226	7.1	20.8
6 20	18 35.61	-62 28.0	1.083	1.975	19.2	19.8	6 20	18 26.54	-10 24.5	2.229	3.222	4.7	20.7
6 30	18 12.97	-62 50.8	1.085	1.976	19.3	19.8	6 30	18 18.40	-10 46.9	2.219	3.217	4.1	20.6
7 10	17 52.03	-62 11.9	1.103	1.976	20.4	19.9	7 10	18 10.49	-11 17.7	2.236	3.212	6.0	20.8
7 20	17 36.81	-60 42.4	1.138	1.976	22.1	20.0	7 20	18 3.50	-11 55.2	2.279	3.208	8.8	20.9
7 30	17 29.11	-58 40.0	1.187	1.975	24.1	20.2	7 30	17 58.06	-12 37.6	2.347	3.202	11.5	21.1
495311	2014 <i>ED</i> ₄		6 26.3 244°39	18°0/30.7	17		112488	2002 <i>PY</i> ₂		6 26.3 342°64	1°2/26.2	16	
5 21	18 50.83	+14 42.0	1.352	2.092	23.7	21.2	5 21	18 47.56	-23 58.0	1.539	2.399	16.0	18.8
5 31	18 46.22	+15 47.8	1.280	2.082	21.9	21.0	5 31	18 43.31	-23 4.7	1.460	2.391	12.3	18.6
6 10	18 38.55	+16 19.1	1.221	2.071	20.1	20.8	6 10	18 36.37	-22 7.9	1.401	2.384	8.0	18.3
6 20	18 28.47	+16 6.4	1.177	2.059	18.6	20.7	6 20	18 27.51	-21 8.2	1.367	2.377	3.4	18.0
6 30	18 17.16	+15 3.1	1.151	2.047	18.0	20.6	6 30	18 17.86	-20 7.5	1.357	2.372	2.3	17.9
7 10	18 6.10	+13 9.4	1.145	2.035	18.5	20.6	7 10	18 8.74	-19 8.9	1.374	2.367	7.0	18.2
7 20	17 56.71	+10 32.7	1.158	2.022	20.1	20.6	7 20	18 1.31	-18 15.5	1.414	2.362	11.5	18.4
7 30	17 50.13	+7 25.1	1.189	2.009	22.3	20.8	7 30	17 56.42	-17 30.0	1.476	2.359	15.5	18.7
166685	2002 <i>TB</i> ₁₁₉		6 26.3 320°46	1°6/26.3	18		521490	20					

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6 26.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
481268	2005 XQ ₈₂		6 26.3 225°02	0°7/26.3	18		176341	2001 SA ₃₄₅		6 26.4 272°88	5°6/27.7	18	
5 21	18 46.67	-26 10.8	2.539	3.374	11.2	21.6	5 21	18 45.94	-5 15.7	2.240	3.043	13.6	20.2
5 31	18 41.66	-26 6.3	2.452	3.370	8.6	21.4	5 31	18 41.37	-5 19.8	2.140	3.025	11.2	19.9
6 10	18 34.86	-26 0.2	2.388	3.365	5.6	21.2	6 10	18 34.88	-5 37.8	2.062	3.007	8.6	19.7
6 20	18 26.82	-25 51.2	2.351	3.361	2.3	20.9	6 20	18 26.93	-6 10.9	2.008	2.988	6.3	19.6
6 30	18 18.26	-25 38.7	2.342	3.356	1.5	20.9	6 30	18 18.23	-6 59.2	1.981	2.969	5.7	19.5
7 10	18 10.00	-25 22.8	2.362	3.351	4.7	21.1	7 10	18 9.62	-8 0.7	1.982	2.950	7.3	19.6
7 20	18 2.78	-25 4.3	2.408	3.347	7.9	21.3	7 20	18 1.92	-9 12.6	2.008	2.931	10.1	19.7
7 30	17 57.23	-24 44.6	2.480	3.342	10.7	21.5	7 30	17 55.88	-10 31.3	2.059	2.912	12.9	19.8
26607	2000 FA ₃₃		6 26.3 35°01	2°8/25.6	18		111511	2001 YF ₈₄		6 26.4 152°77	0°4/26.3	18	
5 21	18 46.85	-28 58.7	2.402	3.238	11.7	17.9	5 21	18 46.78	-23 47.5	2.588	3.421	11.1	20.3
5 31	18 42.05	-29 55.4	2.324	3.241	9.0	17.7	5 31	18 41.67	-24 0.6	2.509	3.426	8.5	20.2
6 10	18 35.27	-30 51.6	2.271	3.245	6.1	17.5	6 10	18 34.85	-24 14.4	2.454	3.431	5.4	20.0
6 20	18 27.03	-31 43.5	2.244	3.248	3.4	17.3	6 20	18 26.84	-24 27.4	2.425	3.436	2.2	19.8
6 30	18 18.13	-32 27.9	2.245	3.251	3.2	17.3	6 30	18 18.34	-24 38.2	2.426	3.440	1.3	19.7
7 10	18 9.46	-33 2.8	2.275	3.255	5.7	17.5	7 10	18 10.14	-24 46.3	2.455	3.444	4.6	19.9
7 20	18 1.90	-33 27.7	2.330	3.258	8.6	17.7	7 20	18 2.94	-24 51.5	2.511	3.448	7.6	20.1
7 30	17 56.15	-33 43.7	2.410	3.262	11.3	17.9	7 30	17 57.35	-24 54.6	2.592	3.452	10.3	20.3
521365	2015 MP ₁₃₉		6 26.3 246°90	6°6/27.7	18		66486	1999 RF ₄₂		6 26.4 256°22	1°8/26.2	17	
5 21	18 44.29	-1 27.4	2.505	3.289	12.8	22.0	5 21	18 49.58	-27 48.4	2.024	2.865	13.4	20.2
5 31	18 39.80	-1 11.0	2.414	3.279	10.8	21.9	5 31	18 44.52	-28 1.8	1.932	2.853	10.4	20.0
6 10	18 33.68	-1 8.0	2.345	3.268	8.7	21.7	6 10	18 37.07	-28 13.4	1.863	2.840	6.9	19.7
6 20	18 26.38	-1 20.2	2.300	3.257	7.1	21.6	6 20	18 27.84	-28 20.6	1.818	2.826	3.2	19.5
6 30	18 18.51	-1 48.5	2.281	3.247	6.7	21.6	6 30	18 17.75	-28 21.1	1.801	2.813	2.4	19.4
7 10	18 10.81	-2 32.0	2.288	3.235	7.8	21.6	7 10	18 7.94	-28 14.4	1.811	2.799	6.0	19.6
7 20	18 3.96	-3 28.4	2.322	3.224	9.8	21.7	7 20	17 59.46	-28 1.3	1.846	2.785	9.8	19.8
7 30	17 58.56	-4 34.6	2.379	3.213	12.0	21.8	7 30	17 53.15	-27 43.9	1.905	2.771	13.3	20.0
331427	2012 GL ₂		6 26.3 26°88	9°6/26.9	17		175696	1995 TS ₈		6 26.4 79°20	2°1/26.2	17	
5 21	18 44.66	-6 16.0	1.187	2.040	20.2	20.2	5 21	18 52.43	-27 5.5	1.483	2.338	16.7	21.1
5 31	18 41.30	-4 59.4	1.138	2.050	16.7	20.0	5 31	18 47.08	-27 28.3	1.425	2.353	12.8	20.9
6 10	18 35.13	-4 0.8	1.106	2.061	13.1	19.9	6 10	18 38.81	-27 49.6	1.388	2.368	8.4	20.7
6 20	18 27.01	-3 25.6	1.093	2.073	10.3	19.7	6 20	18 28.49	-28 5.8	1.374	2.383	3.8	20.4
6 30	18 18.20	-3 17.1	1.103	2.086	9.8	19.7	6 30	18 17.44	-28 13.9	1.385	2.398	2.8	20.4
7 10	18 10.10	-3 34.6	1.134	2.100	11.7	19.9	7 10	18 7.15	-28 13.1	1.422	2.413	7.1	20.7
7 20	18 3.85	-4 14.4	1.185	2.115	14.9	20.1	7 20	17 58.84	-28 4.9	1.483	2.427	11.4	21.0
7 30	18 0.29	-5 10.5	1.255	2.131	18.1	20.4	7 30	17 53.36	-27 52.1	1.566	2.442	15.1	21.2
476290	2007 VT ₂₆₃		6 26.3 31°08	1°9/26.3	16		429422	2010 UM ₅₁		6 26.4 235°34	1°9/26.2	17	
5 21	18 48.63	-28 27.7	1.978	2.822	13.6	21.3	5 21	18 52.47	-27 9.7	1.874	2.714	14.4	22.3
5 31	18 43.67	-28 36.4	1.901	2.823	10.5	21.1	5 31	18 46.97	-27 33.4	1.781	2.701	11.1	22.1
6 10	18 36.39	-28 42.4	1.846	2.823	6.9	20.9	6 10	18 38.79	-27 56.5	1.711	2.688	7.4	21.8
6 20	18 27.48	-28 43.1	1.816	2.824	3.2	20.7	6 20	18 28.57	-28 15.8	1.666	2.674	3.4	21.6
6 30	18 17.90	-28 36.8	1.812	2.824	2.5	20.6	6 30	18 17.32	-28 28.0	1.648	2.660	2.6	21.5
7 10	18 8.76	-28 23.5	1.836	2.825	5.9	20.8	7 10	18 6.32	-28 31.9	1.657	2.645	6.6	21.7
7 20	18 1.04	-28 4.5	1.886	2.826	9.6	21.1	7 20	17 56.77	-28 27.9	1.691	2.629	10.7	21.9
7 30	17 55.50	-27 41.9	1.958	2.826	12.8	21.3	7 30	17 49.65	-28 18.3	1.749	2.613	14.3	22.1
502581	2015 CJ ₁		6 26.3 216°18	6°1/27.4	17		107173	2001 BT ₂₃		6 26.4 58°00	0°4/26.4	17	
5 21	18 48.43	-6 27.7	1.906	2.718	15.2	21.6	5 21	18 51.26	-22 56.2	1.292	2.156	18.2	19.6
5 31	18 43.46	-6 14.1	1.821	2.713	12.5	21.4	5 31	18 46.31	-22 49.9	1.241	2.174	13.9	19.3
6 10	18 36.28	-6 14.3	1.757	2.706	9.5	21.2	6 10	18 38.32	-22 45.3	1.209	2.192	8.9	19.1
6 20	18 27.47	-6 30.0	1.717	2.699	6.9	21.0	6 20	18 28.28	-22 40.7	1.200	2.211	3.5	18.9
6 30	18 17.88	-7 1.6	1.703	2.692	6.3	21.0	6 30	18 17.59	-22 34.8	1.215	2.230	2.0	18.8
7 10	18 8.54	-7 47.7	1.715	2.684	8.2	21.1	7 10	18 7.80	-22 27.7	1.255	2.249	7.2	19.2
7 20	18 0.40	-8 45.2	1.752	2.676	11.2	21.2	7 20	18 0.13	-22 20.2	1.318	2.269	11.9	19.5
7 30	17 54.25	-9 50.7	1.812	2.667	14.3	21.4	7 30	17 55.40	-22 13.7	1.402	2.288	15.9	19.8
253849	2003 YS ₁₃₈		6 26.4 146°30	3°1/26.2	18		507945	2015 AM ₂₃₉		6 26.4 323°63	0°9/26.4	17	
5 21	18 54.88	-31 40.9	1.981	2.812	14.0	21.4	5 21	18 47.31	-22 54.7	1.394	2.260	17.0	20.4
5 31	18 48.39	-31 58.7	1.910	2.823	10.9	21.2	5 31	18 43.54	-22 31.0	1.314	2.248	13.2	20.1
6 10	18 39.39	-32 11.2	1.862	2.833	7.4	21.0	6 10	18 36.80	-22 7.3	1.253	2.237	8.6	19.8
6 20	18 28.65	-32 14.8	1.839	2.842	4.1	20.9	6 20	18 27.81	-21 43.0	1.215	2.227	3.5	19.5
6 30	18 17.26	-32 7.2	1.843	2.850	3.5	20.8	6 30	18 17.80	-21 18.1	1.202	2.217	2.2	19.4
7 10	18 6.47	-31 48.6	1.876	2.858	6.5	21.0	7 10	18 8.23	-20 53.4	1.213	2.207	7.4	19.7
7 20	17 57.34	-31 21.0	1.934	2.865	9.9	21.3	7 20	18 0.43	-20 30.7	1.246	2.198	12.3	19.9
7 30	17 50.63	-30 48.0	2.016	2.872	13.0	21.5	7 30	17 55.42	-20 11.8	1.301	2.190	16.7	20.2
942	Romilda		6 26.4 261°67	1°9/25.9	18		477722	2010 SA ₂₁		6 26.4 227°59	0°1/26.4	18	
5 21	18 46.90	-27 22.2	2.535	3.370	11.2	16.4	5 21	18 45.77	-22 48.4	2.613	3.447	11.0	22.3
5 31	18 42.06	-27 58.4	2.439	3.356	8.7	16.2	5 31	18 40.96	-22 50.7	2.523	3.441	8.4	22.1
6 10	18 35.29	-28 34.8	2.366	3.341	5.7	15.9	6 10	18 34.44	-22 53.8	2.457	3.434	5.4	21.9
6 20	18 27.07	-29 8.6	2.319	3.326	2.8	15.7	6 20	18 26.72	-22 56.8	2.417	3.427	2.2	21.6
6 30	18 18.12	-29 37.2	2.301	3.312	2.3	15.7	6 30	18 18.46	-22 58.8	2.406	3.420	1.2	21.6
7 10	18 9.31	-29 59.2	2.311	3.296	5.2	15.8	7 10	18 10.43	-22 59.4	2.423	3.413	4.6	21.8
7 20	18 1.47	-30 14.2	2.349	3.281	8.3	16.0	7 20	18 3.34	-22 58.8	2.467	3.406	7.7	22.0
7 30	17 55.32	-30 22.9	2.410	3.266	11.2	16.2	7 30	17 57.81	-22 57.5	2.537	3.399	10.5	22.1
300002	2006 US ₃₅		6 26.4 276°96	3°1/26.4	16		491648	2012 TS ₂₂₂		6 26.4 242°21	1°8/26.5	18	
5 21	18 45.69	-15 41.7	2.136										

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
157891	1999 RA ₂₂₈		6 26.4 359°02	7°9/27.7	18		170879	Verbeeckje		6 26.4 343°43	4°0/27.1	18	
5 21	18 48.88	-41 21.9	1.141	2.005	20.1	18.5	5 21	18 44.01	-11 48.5	1.875	2.712	14.5	19.2
5 31	18 45.72	-41 14.7	1.077	2.000	16.5	18.3	5 31	18 40.17	-11 49.1	1.794	2.707	11.5	19.0
6 10	18 38.55	-40 46.6	1.030	1.996	12.5	18.0	6 10	18 34.22	-12 0.4	1.735	2.702	8.1	18.8
6 20	18 28.51	-39 51.3	1.003	1.995	9.0	17.8	6 20	18 26.73	-12 22.7	1.699	2.698	5.0	18.6
6 30	18 17.50	-38 26.9	0.997	1.995	8.0	17.8	6 30	18 18.53	-12 55.5	1.689	2.694	4.2	18.6
7 10	18 7.64	-36 38.0	1.014	1.997	10.5	17.9	7 10	18 10.60	-13 37.0	1.706	2.691	6.7	18.7
7 20	18 0.55	-34 34.4	1.052	2.001	14.4	18.1	7 20	18 3.86	-14 24.8	1.747	2.688	10.2	18.9
7 30	17 57.19	-32 27.3	1.110	2.006	18.4	18.4	7 30	17 59.05	-15 16.3	1.812	2.685	13.5	19.1
58298	1994 PB ₃		6 26.4 172°29	3°3/26.8	18		349218	2007 RX ₃₁₅		6 26.4 268°53	0°1/26.4	18	
5 21	18 49.31	-14 29.1	1.820	2.655	15.0	19.4	5 21	18 48.14	-23 43.1	2.040	2.882	13.3	21.4
5 31	18 44.19	-14 19.6	1.743	2.657	11.7	19.1	5 31	18 43.34	-23 41.5	1.946	2.868	10.2	21.2
6 10	18 36.77	-14 18.1	1.688	2.659	8.1	18.9	6 10	18 36.30	-23 40.2	1.874	2.853	6.7	20.9
6 20	18 27.70	-14 24.6	1.657	2.660	4.5	18.7	6 20	18 27.57	-23 38.0	1.827	2.838	2.7	20.7
6 30	18 17.90	-14 38.9	1.653	2.661	3.7	18.7	6 30	18 18.04	-23 33.6	1.807	2.822	1.5	20.5
7 10	18 8.49	-14 59.8	1.676	2.662	6.7	18.9	7 10	18 8.75	-23 26.8	1.815	2.807	5.7	20.8
7 20	18 0.45	-15 25.9	1.724	2.662	10.5	19.1	7 20	18 0.68	-23 18.1	1.849	2.791	9.6	21.0
7 30	17 54.55	-15 55.9	1.795	2.662	13.9	19.3	7 30	17 54.65	-23 8.8	1.906	2.775	13.1	21.2
240772	2005 QT ₁₄₆		6 26.4 265°45	4°6/25.9	18		189530	2000 QH ₅₈		6 26.4 286°79	7°0/27.8	18	
5 21	18 49.64	-35 32.5	2.192	3.023	12.9	20.4	5 21	18 46.33	-5 2.9	1.719	2.538	16.4	20.0
5 31	18 44.49	-36 8.6	2.112	3.020	10.2	20.2	5 31	18 42.16	-4 51.4	1.634	2.527	13.6	19.8
6 10	18 37.00	-36 38.5	2.054	3.017	7.4	20.0	6 10	18 35.64	-4 56.5	1.568	2.517	10.5	19.5
6 20	18 27.80	-36 58.2	2.022	3.014	5.1	19.9	6 20	18 27.35	-5 20.6	1.526	2.506	7.9	19.4
6 30	18 17.85	-37 4.5	2.016	3.011	4.8	19.8	6 30	18 18.17	-6 4.3	1.508	2.495	7.1	19.3
7 10	18 8.28	-36 56.9	2.037	3.009	7.0	20.0	7 10	18 9.20	-7 5.4	1.515	2.485	9.0	19.4
7 20	18 0.11	-36 36.6	2.084	3.006	9.8	20.1	7 20	18 1.49	-8 20.2	1.546	2.475	12.1	19.5
7 30	17 54.13	-36 7.0	2.153	3.003	12.5	20.3	7 30	17 55.91	-9 43.9	1.600	2.464	15.4	19.7
322313	2011 FO ₁₄₈		6 26.4 33°58	2°6/26.1	17		250883	2005 UZ ₅₀₁		6 26.4 283°11	4°5/26.9	18	
5 21	18 48.94	-27 48.1	1.516	2.375	16.2	20.5	5 21	18 44.16	-9 54.6	2.249	3.070	12.9	20.8
5 31	18 44.54	-28 18.8	1.452	2.382	12.5	20.2	5 31	18 39.94	-9 38.4	2.159	3.060	10.4	20.6
6 10	18 37.27	-28 48.2	1.408	2.388	8.2	20.0	6 10	18 33.92	-9 31.4	2.092	3.051	7.6	20.4
6 20	18 27.95	-29 12.3	1.387	2.395	4.0	19.8	6 20	18 26.58	-9 34.8	2.050	3.041	5.2	20.2
6 30	18 17.79	-29 27.8	1.391	2.403	3.2	19.7	6 30	18 18.63	-9 48.9	2.035	3.031	4.7	20.2
7 10	18 8.22	-29 33.3	1.421	2.411	7.2	20.0	7 10	18 10.88	-10 13.0	2.046	3.021	6.6	20.3
7 20	18 0.48	-29 29.9	1.474	2.419	11.4	20.3	7 20	18 4.09	-10 45.7	2.083	3.012	9.5	20.4
7 30	17 55.46	-29 20.1	1.549	2.428	15.1	20.5	7 30	17 58.93	-11 25.0	2.144	3.002	12.3	20.6
147115	2002 TU ₇₃		6 26.4 253°39	0°5/26.4	18		498399	2007 XG ₅₃		6 26.4 228°13	0°5/26.4	17	
5 21	18 50.78	-22 26.8	1.839	2.681	14.5	21.1	5 21	18 52.22	-22 50.0	1.815	2.656	14.7	21.9
5 31	18 45.63	-22 21.1	1.742	2.664	11.2	20.8	5 31	18 46.68	-22 38.7	1.725	2.646	11.4	21.7
6 10	18 37.92	-22 16.7	1.668	2.647	7.3	20.6	6 10	18 38.55	-22 27.8	1.656	2.635	7.4	21.4
6 20	18 28.25	-22 12.2	1.618	2.629	3.0	20.2	6 20	18 28.49	-22 16.1	1.613	2.623	3.0	21.1
6 30	18 17.59	-22 6.5	1.596	2.610	1.8	20.1	6 30	18 17.53	-22 2.7	1.597	2.611	1.8	21.0
7 10	18 7.15	-21 59.3	1.600	2.591	6.3	20.4	7 10	18 6.89	-21 47.9	1.608	2.599	6.3	21.3
7 20	17 58.08	-21 51.3	1.630	2.572	10.7	20.6	7 20	17 57.72	-21 32.6	1.644	2.586	10.7	21.5
7 30	17 51.32	-21 43.8	1.682	2.552	14.5	20.8	7 30	17 50.92	-21 18.5	1.704	2.572	14.4	21.7
188275	2003 AL ₄₉		6 26.4 188°42	0°1/26.4	18		212695	2007 PQ ₃₈		6 26.4 287°79	21°5/2.1	18	
5 21	18 50.64	-21 42.6	1.954	2.793	13.9	20.9	5 21	19 13.70	-61 13.7	0.911	1.715	28.5	19.7
5 31	18 45.26	-22 11.2	1.872	2.792	10.7	20.7	5 31	19 9.03	-62 40.7	0.873	1.721	26.2	19.6
6 10	18 37.52	-22 43.7	1.813	2.791	6.9	20.4	6 10	18 55.55	-63 28.2	0.846	1.727	24.0	19.4
6 20	18 28.04	-23 17.6	1.779	2.790	2.8	20.2	6 20	18 35.49	-63 16.8	0.831	1.735	22.3	19.4
6 30	18 17.75	-23 50.3	1.773	2.788	1.6	20.1	6 30	18 13.94	-61 53.9	0.831	1.743	21.5	19.4
7 10	18 7.78	-24 19.6	1.795	2.786	5.8	20.4	7 10	17 56.41	-59 24.2	0.846	1.752	21.8	19.4
7 20	17 59.13	-24 44.8	1.843	2.783	9.8	20.6	7 20	17 45.81	-56 7.0	0.877	1.762	23.2	19.5
7 30	17 52.65	-25 6.0	1.914	2.780	13.2	20.8	7 30	17 42.53	-52 25.6	0.924	1.772	25.2	19.7
146235	2000 WA ₁₄₅		6 26.4 210°49	3°6/27.3	18		174469	2003 AP ₆		6 26.4 54°34	0°6/26.5	17	
5 21	18 45.04	-8 47.3	2.978	3.779	10.6	21.1	5 21	18 47.14	-20 52.5	1.881	2.728	14.1	19.6
5 31	18 40.14	-8 51.9	2.884	3.772	8.5	21.0	5 31	18 42.39	-21 3.4	1.822	2.746	10.7	19.4
6 10	18 33.82	-9 5.1	2.813	3.765	6.2	20.8	6 10	18 35.51	-21 17.6	1.785	2.764	6.9	19.2
6 20	18 26.48	-9 26.9	2.769	3.757	4.2	20.7	6 20	18 27.19	-21 33.7	1.772	2.783	2.8	19.0
6 30	18 18.66	-9 57.2	2.754	3.749	3.7	20.6	6 30	18 18.36	-21 49.9	1.787	2.802	1.6	18.9
7 10	18 10.99	-10 34.7	2.768	3.740	5.3	20.7	7 10	18 10.05	-22 5.3	1.828	2.821	5.6	19.2
7 20	18 4.05	-11 18.0	2.809	3.731	7.6	20.8	7 20	18 3.14	-22 19.3	1.895	2.840	9.3	19.5
7 30	17 58.36	-12 5.5	2.876	3.722	9.9	21.0	7 30	17 58.29	-22 32.2	1.985	2.859	12.5	19.7
40059	1998 KR ₄₇		6 26.4 330°83	7°4/25.6	18		497977	2007 CO ₂₇		6 26.4 250°72	1°3/26.5	18	
5 21	18 41.95	-12 18.0	1.312	2.176	17.9	17.9	5 21	18 50.40	-19 23.4	1.950	2.787	14.0	22.7
5 31	18 39.56	-10 55.4	1.224	2.150	14.6	17.6	5 31	18 45.23	-19 27.2	1.850	2.768	10.9	22.4
6 10	18 34.35	-9 38.1	1.155	2.125	11.0	17.3	6 10	18 37.65	-19 35.5	1.772	2.749	7.2	22.2
6 20	18 26.93	-8 31.1	1.108	2.101	8.0	17.1	6 20	18 28.19	-19 47.1	1.719	2.729	3.2	21.9
6 30	18 18.35	-7 39.9	1.082	2.078	7.8	17.0	6 30	18 17.74	-20 0.9	1.694	2.708	2.0	21.7
7 10	18 9.99	-7 8.2	1.080	2.057	10.8	17.1	7 10	18 7.43	-20 15.7	1.696	2.686	6.2	22.0
7 20	18 3.17	-6 57.3	1.098	2.037	14.9	17.3	7 20	17 58.32	-20 30.8	1.724	2.664	10.3	22.2
7 30	17 58.97	-7 5.9	1.134	2.018	19.0	17.5	7 30	17 51.34	-20 46.4	1.775	2.642	14.0	22.4
322315	2011 FR ₁₅₃		6 26.4 109°68	1°2/26.3	17		142407	2002 SA ₂₇		6 26.4 327°58	3°9/25.7	18	
5 21	18 4												

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
368283	2002 <i>NO</i> ₁₇	6 26.4 320°19		1.4/26.6 18			111378	2001 <i>XT</i> ₁₅₀	6 26.4 155°01		0.1/26.4 18		
5 21	18 49.18	-29 42.2	1.220	2.092	18.5	20.3	5 21	18 46.81	-22 15.7	2.889	3.716	10.2	20.4
5 31	18 45.71	-29 0.2	1.131	2.068	14.6	20.0	5 31	18 41.53	-22 24.8	2.810	3.723	7.8	20.3
6 10	18 38.64	-28 6.9	1.061	2.045	9.7	19.6	6 10	18 34.74	-22 35.1	2.755	3.731	5.0	20.1
6 20	18 28.73	-27 0.3	1.012	2.023	4.2	19.2	6 20	18 26.89	-22 45.4	2.727	3.737	2.0	19.9
6 30	18 17.44	-25 40.4	0.987	2.002	2.5	19.1	6 30	18 18.63	-22 54.9	2.729	3.744	1.1	19.8
7 10	18 6.61	-24 11.6	0.985	1.981	8.3	19.3	7 10	18 10.63	-23 2.9	2.760	3.750	4.2	20.0
7 20	17 57.92	-22 40.7	1.005	1.962	14.1	19.6	7 20	18 3.53	-23 9.4	2.819	3.755	7.0	20.2
7 30	17 52.64	-21 15.0	1.045	1.943	19.1	19.8	7 30	17 57.86	-23 14.7	2.903	3.760	9.5	20.4
517607	2014 <i>WZ</i> ₄₇₉	6 26.4 245°05		4.9/27.0 17			114330	2002 <i>XR</i> ₆₃	6 26.4 244°87		1.2/26.4 18		
5 21	18 47.82	-11 5.9	1.691	2.526	15.9	21.3	5 21	18 51.73	-26 44.0	1.829	2.672	14.6	20.0
5 31	18 43.31	-10 51.9	1.611	2.521	12.7	21.1	5 31	18 46.40	-26 42.1	1.738	2.660	11.3	19.7
6 10	18 36.38	-10 49.7	1.551	2.516	9.2	20.9	6 10	18 38.44	-26 37.9	1.670	2.648	7.4	19.5
6 20	18 27.66	-11 0.1	1.515	2.511	5.9	20.7	6 20	18 28.52	-26 29.2	1.626	2.636	3.1	19.2
6 30	18 18.09	-11 23.0	1.504	2.506	5.1	20.6	6 30	18 17.68	-26 14.5	1.609	2.623	2.0	19.1
7 10	18 8.84	-11 57.1	1.519	2.500	7.8	20.7	7 10	18 7.18	-25 53.9	1.619	2.609	6.4	19.3
7 20	18 0.96	-12 40.0	1.558	2.495	11.4	21.0	7 20	17 58.17	-25 28.8	1.654	2.596	10.6	19.5
7 30	17 55.30	-13 29.1	1.619	2.489	15.0	21.2	7 30	17 51.59	-25 2.0	1.712	2.582	14.3	19.7
150788	2001 <i>RT</i> ₂₆	6 26.4 226°95		3.6/26.1 18			184447	2005 <i>NR</i> ₄₉	6 26.4 316°62		1.6/26.4 18		
5 21	18 52.45	-31 44.1	1.871	2.710	14.4	20.7	5 21	18 45.83	-20 58.5	1.322	2.192	17.5	19.2
5 31	18 47.00	-32 13.1	1.787	2.704	11.3	20.5	5 31	18 42.74	-20 41.0	1.234	2.170	13.7	18.9
6 10	18 38.85	-32 37.8	1.725	2.697	7.8	20.3	6 10	18 36.57	-20 26.1	1.165	2.149	9.1	18.6
6 20	18 28.66	-32 54.1	1.687	2.689	4.5	20.1	6 20	18 27.92	-20 13.6	1.117	2.128	3.9	18.2
6 30	18 17.53	-32 58.6	1.676	2.682	4.0	20.0	6 30	18 17.98	-20 3.2	1.093	2.108	2.6	18.1
7 10	18 6.79	-32 50.2	1.691	2.674	7.1	20.2	7 10	18 8.28	-19 54.8	1.093	2.088	7.9	18.4
7 20	17 57.64	-32 30.7	1.732	2.665	10.8	20.4	7 20	18 0.29	-19 49.3	1.115	2.070	13.2	18.6
7 30	17 51.01	-32 3.3	1.795	2.656	14.1	20.6	7 30	17 55.19	-19 47.3	1.156	2.052	17.9	18.8
253711	2003 <i>UR</i> ₃₇₇	6 26.4 0°14		6.2/26.7 17			365979	2012 <i>BT</i> ₇₀	6 26.4 227°31		0.1/26.4 18		
5 21	18 44.20	-12 55.0	1.108	1.980	19.9	20.1	5 21	18 45.88	-23 19.1	2.745	3.577	10.6	22.3
5 31	18 41.47	-12 7.9	1.045	1.978	15.9	19.8	5 31	18 41.03	-23 25.1	2.653	3.569	8.1	22.1
6 10	18 35.62	-11 32.6	1.000	1.976	11.4	19.6	6 10	18 34.53	-23 31.7	2.584	3.561	5.2	22.0
6 20	18 27.43	-11 12.4	0.975	1.976	7.4	19.4	6 20	18 26.86	-23 38.0	2.542	3.553	2.1	21.7
6 30	18 18.25	-11 9.4	0.972	1.976	6.5	19.3	6 30	18 18.66	-23 42.8	2.529	3.544	1.2	21.6
7 10	18 9.64	-11 23.3	0.991	1.978	9.9	19.5	7 10	18 10.67	-23 45.8	2.545	3.535	4.4	21.9
7 20	18 3.00	-11 51.8	1.030	1.981	14.4	19.8	7 20	18 3.56	-23 46.9	2.588	3.526	7.4	22.0
7 30	17 59.34	-12 31.3	1.087	1.985	18.6	20.0	7 30	17 57.93	-23 46.7	2.656	3.516	10.1	22.2
114615	2003 <i>DA</i> ₁₈	6 26.4 79°67		2.6/26.9 18			29563	1998 <i>DY</i> ₂₆	6 26.4 63°05		4.9/26.2 18		
5 21	18 46.04	-13 58.1	2.137	2.967	13.2	19.7	5 21	18 50.70	-36 49.0	2.114	2.943	13.4	18.4
5 31	18 41.42	-14 14.4	2.061	2.973	10.3	19.5	5 31	18 45.36	-37 17.5	2.040	2.946	10.7	18.3
6 10	18 34.88	-14 39.3	2.008	2.978	7.0	19.3	6 10	18 37.60	-37 38.2	1.989	2.949	7.8	18.1
6 20	18 26.99	-15 12.0	1.981	2.984	3.8	19.1	6 20	18 28.12	-37 47.0	1.962	2.952	5.4	18.0
6 30	18 18.52	-15 50.9	1.980	2.990	2.9	19.1	6 30	18 17.97	-37 41.1	1.961	2.955	5.1	17.9
7 10	18 10.35	-16 34.2	2.008	2.995	5.6	19.2	7 10	18 8.32	-37 20.5	1.988	2.958	7.2	18.1
7 20	18 3.29	-17 19.7	2.062	3.001	8.9	19.5	7 20	18 0.19	-36 47.3	2.039	2.961	10.0	18.3
7 30	17 58.00	-18 5.9	2.140	3.007	11.9	19.7	7 30	17 54.38	-36 5.4	2.114	2.965	12.7	18.4
29978	Arthurwang	6 26.4 345°46		2.4/26.3 18			259063	2002 <i>UF</i> ₁₂	6 26.4 354°70		2.4/25.8 17		
5 21	18 45.20	-27 39.2	1.079	1.964	19.4	17.5	5 21	18 59.91	-28 28.4	0.946	1.820	22.5	19.1
5 31	18 42.82	-27 48.1	1.010	1.954	15.1	17.2	5 31	18 54.12	-26 15.4	0.880	1.818	17.5	18.7
6 10	18 36.82	-27 54.5	0.959	1.946	10.0	16.9	6 10	18 43.97	-23 42.2	0.831	1.817	11.4	18.4
6 20	18 28.01	-27 54.7	0.928	1.938	4.5	16.6	6 20	18 30.76	-20 52.9	0.805	1.816	4.8	18.0
6 30	18 17.91	-27 45.7	0.918	1.932	3.3	16.5	6 30	18 16.56	-17 58.1	0.802	1.816	3.9	18.0
7 10	18 8.42	-27 27.0	0.931	1.927	8.6	16.8	7 10	18 3.69	-15 13.0	0.824	1.816	10.4	18.3
7 20	18 1.21	-27 1.2	0.964	1.924	14.1	17.0	7 20	17 53.92	-12 50.5	0.867	1.816	16.6	18.7
7 30	17 57.47	-26 32.0	1.015	1.921	18.8	17.3	7 30	17 48.27	-10 57.9	0.928	1.817	21.8	19.0
502076	2015 <i>AF</i> ₂₀₆	6 26.4 195°52		0.2/26.4 17			509161	2006 <i>DP</i> ₉₉	6 26.4 244°47		1.8/26.6 18		
5 21	18 51.32	-21 55.3	1.866	2.706	14.4	22.3	5 21	18 49.42	-18 7.3	2.244	3.072	12.7	22.5
5 31	18 45.88	-22 8.3	1.784	2.704	11.1	22.1	5 31	18 44.15	-18 2.5	2.141	3.054	9.9	22.3
6 10	18 38.00	-22 24.2	1.724	2.702	7.2	21.9	6 10	18 36.78	-18 1.8	2.061	3.035	6.6	22.1
6 20	18 28.30	-22 41.0	1.689	2.699	2.9	21.6	6 20	18 27.84	-18 4.6	2.008	3.015	3.1	21.8
6 30	18 17.78	-22 56.8	1.681	2.696	1.6	21.5	6 30	18 18.09	-18 10.4	1.982	2.994	2.2	21.7
7 10	18 7.61	-23 10.3	1.700	2.692	6.0	21.8	7 10	18 8.47	-18 18.7	1.985	2.973	5.6	21.9
7 20	17 58.85	-23 21.2	1.746	2.687	10.1	22.0	7 20	17 59.88	-18 29.0	2.014	2.951	9.3	22.1
7 30	17 52.36	-23 30.1	1.814	2.682	13.7	22.2	7 30	17 53.11	-18 41.3	2.068	2.928	12.6	22.3
299362	2005 <i>TK</i> ₂₇	6 26.4 306°05		2.1/26.1 17			248604	2006 <i>DF</i> ₄₉	6 26.4 180°70		1.8/26.2 18		
5 21	18 48.07	-24 54.2	1.131	2.009	19.2	20.7	5 21	18 50.82	-27 27.9	2.218	3.052	12.7	21.5
5 31	18 45.22	-25 30.8	1.047	1.988	15.0	20.3	5 31	18 45.20	-27 51.5	2.137	3.053	9.7	21.3
6 10	18 38.63	-26 12.5	0.981	1.968	10.0	20.0	6 10	18 37.41	-28 14.0	2.078	3.054	6.4	21.1
6 20	18 28.88	-26 54.7	0.936	1.947	4.4	19.6	6 20	18 28.05	-28 32.6	2.046	3.054	3.0	20.9
6 30	18 17.35	-27 31.7	0.914	1.928	3.2	19.4	6 30	18 18.01	-28 45.0	2.042	3.053	2.3	20.8
7 10	18 5.96	-27 59.3	0.913	1.908	9.1	19.7	7 10	18 8.30	-28 50.1	2.066	3.052	5.6	21.0
7 20	17 56.63	-28 16.4	0.933	1.889	14.9	20.0	7 20	17 59.87	-28 48.7	2.116	3.051	9.0	21.3
7 30	17 50.91	-28 24.7	0.972	1.871	20.1	20.2	7 30	17 53.44	-28 42.2	2.191	3.049	12.0	21.4
348613	2005 <i>YG</i> ₄	6 26.4 260°75		6.8/23.8 17			174798	2003 <i>WQ</i>					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
201581	2003 SS ₈₀		6 26.4 338°63	3°2/26.8	17	R	499817	2011 DL ₈		6 26.4 104°26	1°9/26.3	17	
5 21	18 47.49	-32 59.3	1.288	2.156	17.9	18.7	5 21	18 52.96	-27 48.6	1.916	2.755	14.2	22.2
5 31	18 44.21	-32 29.2	1.205	2.139	14.1	18.4	5 31	18 46.91	-28 9.2	1.856	2.774	10.9	22.0
6 10	18 37.52	-31 46.5	1.142	2.122	9.7	18.1	6 10	18 38.50	-28 27.6	1.817	2.794	7.1	21.9
6 20	18 28.27	-30 48.2	1.100	2.107	5.0	17.7	6 20	18 28.48	-28 40.7	1.804	2.812	3.3	21.7
6 30	18 17.89	-29 33.8	1.081	2.093	3.7	17.6	6 30	18 17.90	-28 46.5	1.819	2.831	2.5	21.6
7 10	18 8.13	-28 6.8	1.087	2.081	8.1	17.8	7 10	18 7.95	-28 44.3	1.861	2.849	6.0	21.9
7 20	18 0.51	-26 34.0	1.115	2.070	13.1	18.1	7 20	17 59.58	-28 35.6	1.929	2.866	9.6	22.1
7 30	17 56.11	-25 2.6	1.163	2.060	17.6	18.3	7 30	17 53.55	-28 22.4	2.020	2.883	12.7	22.4
500797	2013 FO ₂₂		6 26.4 18°24	6°8/26.9	17		396095	2013 CY ₁₁₇		6 26.4 308°57	1°8/26.9	18	
5 21	18 43.55	-12 38.4	0.928	1.813	21.8	20.7	5 21	18 46.08	-15 20.0	2.121	2.955	13.2	20.5
5 31	18 41.29	-11 49.6	0.880	1.819	17.4	20.4	5 31	18 41.65	-15 53.1	2.034	2.949	10.2	20.2
6 10	18 35.60	-11 15.7	0.847	1.826	12.5	20.2	6 10	18 35.20	-16 35.2	1.969	2.943	6.9	20.0
6 20	18 27.47	-11 0.2	0.834	1.835	8.0	20.0	6 20	18 27.24	-17 24.9	1.930	2.937	3.3	19.8
6 30	18 18.41	-11 4.8	0.841	1.846	7.0	20.0	6 30	18 18.54	-18 19.8	1.919	2.931	2.2	19.7
7 10	18 10.18	-11 28.1	0.868	1.858	10.5	20.2	7 10	18 10.03	-19 17.4	1.935	2.925	5.5	19.9
7 20	18 4.20	-12 6.3	0.914	1.871	15.1	20.5	7 20	18 2.58	-20 14.9	1.978	2.920	9.1	20.1
7 30	18 1.46	-12 54.6	0.978	1.885	19.3	20.8	7 30	17 56.93	-21 10.7	2.045	2.914	12.3	20.3
352442	2008 AM ₃₅		6 26.4 128°60	0°1/26.4	18		41092	1999 VD ₆₀		6 26.4 161°62	1°9/26.1	18	
5 21	18 47.70	-23 25.2	2.464	3.297	11.6	21.9	5 21	18 47.27	-28 51.5	2.705	3.535	10.7	20.0
5 31	18 42.45	-23 28.3	2.390	3.307	8.8	21.7	5 31	18 42.14	-29 15.4	2.625	3.539	8.3	19.8
6 10	18 35.43	-23 31.9	2.340	3.317	5.7	21.5	6 10	18 35.28	-29 37.3	2.568	3.542	5.5	19.6
6 20	18 27.22	-23 34.8	2.316	3.327	2.2	21.3	6 20	18 27.20	-29 55.1	2.539	3.545	2.8	19.5
6 30	18 18.54	-23 36.0	2.321	3.336	1.3	21.2	6 30	18 18.59	-30 7.1	2.538	3.547	2.3	19.4
7 10	18 10.23	-23 35.2	2.355	3.345	4.7	21.5	7 10	18 10.27	-30 12.4	2.565	3.549	4.8	19.6
7 20	18 3.01	-23 32.7	2.415	3.354	7.8	21.7	7 20	18 2.96	-30 11.5	2.620	3.552	7.6	19.8
7 30	17 57.47	-23 29.3	2.500	3.362	10.6	21.9	7 30	17 57.25	-30 5.6	2.699	3.553	10.2	20.0
189391	2008 HQ ₁₂		6 26.4 33°06	1°1/26.5	17		344798	2003 YY ₁₅₀		6 26.4 248°74	4°3/25.7	18	
5 21	18 45.39	-20 46.4	2.064	2.909	13.1	20.3	5 21	18 51.60	-34 18.6	2.344	3.169	12.3	21.3
5 31	18 40.99	-20 35.8	1.993	2.916	10.0	20.1	5 31	18 46.09	-35 4.5	2.247	3.153	9.8	21.1
6 10	18 34.64	-20 27.5	1.944	2.923	6.5	19.9	6 10	18 38.20	-35 46.3	2.173	3.136	7.1	20.9
6 20	18 26.93	-20 20.9	1.920	2.930	2.8	19.6	6 20	18 28.48	-36 19.9	2.125	3.118	4.8	20.7
6 30	18 18.70	-20 15.7	1.923	2.937	1.8	19.6	6 30	18 17.82	-36 41.4	2.104	3.100	4.6	20.7
7 10	18 10.88	-20 11.7	1.953	2.945	5.4	19.8	7 10	18 7.32	-36 49.1	2.111	3.082	6.8	20.8
7 20	18 4.28	-20 9.1	2.010	2.953	8.9	20.1	7 20	17 58.03	-36 43.7	2.144	3.063	9.7	20.9
7 30	17 59.53	-20 8.1	2.089	2.961	12.0	20.3	7 30	17 50.83	-36 27.7	2.201	3.043	12.6	21.1
438174	2005 TL ₇₁		6 26.4 288°17	0°7/26.4	18		480595	2015 MK ₈₆		6 26.4 340°97	3°1/26.4	16	
5 21	18 47.34	-25 57.8	2.174	3.016	12.6	21.1	5 21	18 45.31	-17 23.0	1.832	2.679	14.4	20.9
5 31	18 42.63	-25 49.3	2.080	3.001	9.7	20.9	5 31	18 41.23	-16 42.3	1.751	2.673	11.2	20.6
6 10	18 35.81	-25 39.1	2.009	2.987	6.3	20.7	6 10	18 34.97	-16 5.0	1.692	2.667	7.6	20.4
6 20	18 27.45	-25 25.7	1.963	2.973	2.6	20.4	6 20	18 27.13	-15 32.4	1.657	2.662	4.2	20.2
6 30	18 18.38	-25 8.4	1.944	2.959	1.6	20.3	6 30	18 18.63	-15 5.6	1.649	2.657	3.5	20.1
7 10	18 9.59	-24 47.5	1.953	2.945	5.4	20.5	7 10	18 10.49	-14 45.6	1.666	2.653	6.6	20.3
7 20	18 1.97	-24 24.0	1.989	2.931	9.1	20.7	7 20	18 3.65	-14 33.1	1.708	2.649	10.3	20.5
7 30	17 56.28	-23 59.8	2.048	2.917	12.3	20.9	7 30	17 58.84	-14 27.9	1.773	2.646	13.7	20.7
217223	2002 VR ₁₀₉		6 26.4 290°45	0°8/26.4	18		522976	2016 PP ₁₁₇		6 26.4 247°37	4°5/27.0	16	
5 21	18 50.22	-25 3.7	1.574	2.428	16.0	21.0	5 21	18 46.50	-10 42.4	2.055	2.879	13.9	21.7
5 31	18 45.92	-25 6.6	1.471	2.400	12.5	20.7	5 31	18 41.95	-10 29.8	1.967	2.871	11.1	21.5
6 10	18 38.58	-25 9.6	1.390	2.371	8.2	20.4	6 10	18 35.37	-10 27.0	1.901	2.862	8.0	21.2
6 20	18 28.77	-25 10.2	1.331	2.342	3.4	20.0	6 20	18 27.30	-10 34.8	1.860	2.854	5.3	21.1
6 30	18 17.57	-25 6.2	1.298	2.312	2.1	19.8	6 30	18 18.52	-10 53.4	1.845	2.845	4.6	21.0
7 10	18 6.45	-24 56.5	1.290	2.283	7.3	20.1	7 10	18 9.97	-11 21.9	1.857	2.836	6.9	21.1
7 20	17 56.84	-24 42.3	1.306	2.253	12.3	20.3	7 20	18 2.50	-11 58.6	1.894	2.826	10.0	21.3
7 30	17 49.96	-24 25.9	1.343	2.223	16.8	20.5	7 30	17 56.86	-12 41.3	1.955	2.817	13.1	21.5
7148	Reinholdbien		6 26.4 119°08	3°0/26.5	18	R	126743	2002 CQ ₃₀₅		6 26.4 284°54	3°7/26.1	18	
5 21	18 50.89	-17 43.1	1.484	2.334	17.0	16.9	5 21	18 50.96	-31 9.8	1.733	2.579	15.1	20.1
5 31	18 45.88	-17 15.7	1.416	2.340	13.2	16.7	5 31	18 46.30	-31 38.4	1.637	2.558	11.9	19.8
6 10	18 38.12	-16 53.6	1.368	2.345	8.8	16.4	6 10	18 38.70	-32 3.7	1.562	2.536	8.2	19.6
6 20	18 28.40	-16 37.1	1.343	2.350	4.5	16.2	6 20	18 28.78	-32 21.1	1.511	2.514	4.7	19.3
6 30	18 17.91	-16 26.8	1.344	2.355	3.5	16.1	6 30	18 17.65	-32 26.8	1.485	2.493	4.1	19.2
7 10	18 7.99	-16 22.5	1.370	2.360	7.4	16.4	7 10	18 6.72	-32 19.2	1.486	2.471	7.6	19.4
7 20	17 59.81	-16 24.3	1.420	2.364	11.8	16.6	7 20	17 57.35	-31 59.5	1.511	2.449	11.7	19.6
7 30	17 54.25	-16 31.8	1.491	2.369	15.6	16.9	7 30	17 50.65	-31 31.2	1.557	2.426	15.5	19.7
59309	1999 CY ₈₄		6 26.4 157°70	1°7/26.2	18		281826	2009 YG ₂₀		6 26.4 63°71	0°9/26.4	17	
5 21	18 53.57	-25 23.4	1.569	2.417	16.3	19.3	5 21	18 49.17	-25 1.2	1.769	2.618	14.7	21.3
5 31	18 48.10	-25 57.0	1.497	2.422	12.5	19.0	5 31	18 44.37	-25 12.3	1.694	2.619	11.3	21.0
6 10	18 39.67	-26 32.0	1.447	2.426	8.2	18.8	6 10	18 37.08	-25 23.5	1.641	2.621	7.3	20.8
6 20	18 29.07	-27 4.4	1.420	2.430	3.6	18.5	6 20	18 28.00	-25 32.7	1.612	2.623	3.0	20.5
6 30	18 17.51	-27 30.3	1.420	2.433	2.5	18.5	6 30	18 18.16	-25 37.9	1.610	2.624	1.9	20.5
7 10	18 6.46	-27 47.7	1.445	2.436	7.0	18.8	7 10	18 8.76	-25 38.3	1.634	2.626	6.2	20.7
7 20	17 57.22	-27 56.9	1.496	2.438	11.4	19.0	7 20	18 0.88	-25 34.5	1.683	2.628	10.2	21.0
7 30	17 50.75	-27 59.7	1.568	2.440	15.3	19.3	7 30	17 55.35	-25 28.1	1.755	2.629	13.8	21.2
180152	2003 GK ₂₂		6 26.4 4°54	6°1/26.7	17		446276	2014 CC ₃		6 26.4 134°60	16°7/25.7	18	
5 21</													

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6 26.4

6 26.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
211121	2002 <i>GQ</i> ₃₄		6 26.4 107°03	0°5/26.4	17		139194	2001 <i>FB</i> ₁₅₇		6 26.4 53°90	4°0/25.9	17	
5 21	18 53.57	-23 6.7	1.550	2.399	16.5	20.9	5 21	18 51.81	-29 38.9	1.433	2.290	17.1	19.8
5 31	18 47.86	-23 28.9	1.489	2.414	12.6	20.7	5 31	18 47.14	-30 32.1	1.368	2.295	13.3	19.6
6 10	18 39.36	-23 53.5	1.450	2.430	8.1	20.5	6 10	18 39.26	-31 23.7	1.322	2.300	9.0	19.3
6 20	18 28.89	-24 17.6	1.434	2.445	3.2	20.2	6 20	18 28.99	-32 7.8	1.300	2.305	5.0	19.1
6 30	18 17.70	-24 38.1	1.445	2.459	1.9	20.2	6 30	18 17.67	-32 38.9	1.303	2.310	4.5	19.1
7 10	18 7.17	-24 53.7	1.481	2.474	6.6	20.5	7 10	18 6.94	-32 54.8	1.331	2.316	8.2	19.3
7 20	17 58.48	-25 4.3	1.543	2.487	11.0	20.8	7 20	17 58.23	-32 56.5	1.381	2.321	12.4	19.6
7 30	17 52.50	-25 11.3	1.627	2.501	14.7	21.1	7 30	17 52.56	-32 47.5	1.453	2.327	16.1	19.8
318348	2004 <i>TX</i> ₂₈₉		6 26.4 299°91	4°7/26.0	18		281572	2008 <i>UJ</i> ₁₀₀		6 26.4 258°57	4°7/26.4	18	
5 21	18 48.91	-36 37.4	2.263	3.092	12.6	20.5	5 21	18 47.80	-12 10.3	2.079	2.904	13.7	20.9
5 31	18 44.02	-37 6.7	2.175	3.081	10.1	20.3	5 31	18 42.99	-11 28.9	1.982	2.887	11.0	20.7
6 10	18 36.81	-37 29.1	2.109	3.070	7.4	20.1	6 10	18 36.10	-10 53.8	1.907	2.869	8.0	20.5
6 20	18 27.90	-37 40.8	2.068	3.058	5.2	19.9	6 20	18 27.65	-10 26.7	1.857	2.851	5.3	20.3
6 30	18 18.21	-37 38.9	2.054	3.047	5.0	19.9	6 30	18 18.42	-10 9.2	1.834	2.832	4.9	20.2
7 10	18 8.85	-37 22.8	2.066	3.037	7.0	20.0	7 10	18 9.37	-10 2.1	1.838	2.813	7.2	20.3
7 20	18 0.82	-36 54.1	2.104	3.026	9.7	20.2	7 20	18 1.39	-10 5.3	1.867	2.794	10.5	20.5
7 30	17 54.92	-36 16.1	2.165	3.015	12.5	20.3	7 30	17 55.26	-10 17.7	1.919	2.774	13.6	20.6
46449	3036 <i>P-L</i>		6 26.4 239°16	1°9/26.4	18		101959	1999 <i>RH</i> ₃₈		6 26.4 276°48	4°3/25.9	18	
5 21	18 54.03	-28 13.1	1.650	2.495	15.8	19.4	5 21	18 52.18	-31 19.6	1.559	2.410	16.3	19.3
5 31	18 48.53	-28 16.4	1.561	2.483	12.3	19.2	5 31	18 47.56	-32 1.9	1.470	2.393	12.8	19.0
6 10	18 40.04	-28 16.4	1.494	2.471	8.1	18.9	6 10	18 39.71	-32 41.7	1.402	2.376	8.9	18.7
6 20	18 29.27	-28 10.0	1.450	2.459	3.7	18.6	6 20	18 29.27	-33 13.2	1.357	2.359	5.3	18.5
6 30	18 17.43	-27 54.8	1.433	2.446	2.7	18.5	6 30	18 17.47	-33 31.4	1.337	2.342	4.8	18.4
7 10	18 5.97	-27 30.7	1.442	2.432	7.1	18.7	7 10	18 5.92	-33 33.6	1.342	2.325	8.4	18.5
7 20	17 56.24	-26 59.9	1.476	2.418	11.6	19.0	7 20	17 56.15	-33 21.2	1.370	2.308	12.7	18.7
7 30	17 49.27	-26 26.0	1.532	2.404	15.6	19.2	7 30	17 49.38	-32 57.9	1.419	2.290	16.6	18.9
125906	2001 <i>XZ</i> ₂₁₈		6 26.4 160°35	1°9/26.2	18		384512	2010 <i>CE</i> ₁₄₆		6 26.4 180°47	11°3/25.4	18	
5 21	18 51.73	-27 15.7	2.064	2.901	13.4	21.3	5 21	19 2.83	-53 28.4	2.074	2.841	15.7	20.5
5 31	18 46.03	-27 44.4	1.988	2.906	10.3	21.1	5 31	18 55.95	-54 47.2	2.009	2.841	13.9	20.4
6 10	18 38.02	-28 12.2	1.935	2.911	6.8	20.9	6 10	18 45.16	-55 48.7	1.963	2.841	12.4	20.3
6 20	18 28.36	-28 36.0	1.907	2.915	3.2	20.6	6 20	18 31.40	-56 24.4	1.939	2.841	11.4	20.2
6 30	18 17.98	-28 53.1	1.907	2.919	2.5	20.6	6 30	18 16.37	-56 28.3	1.938	2.841	11.4	20.2
7 10	18 8.00	-29 2.4	1.935	2.922	5.9	20.8	7 10	18 2.12	-55 59.6	1.959	2.841	12.3	20.3
7 20	17 59.41	-29 4.3	1.990	2.925	9.4	21.0	7 20	17 50.45	-55 2.8	2.002	2.840	13.8	20.4
7 30	17 52.98	-29 0.5	2.067	2.928	12.6	21.3	7 30	17 42.51	-53 45.4	2.064	2.839	15.6	20.5
92145	1999 <i>XE</i> ₁₂₁		6 26.4 19°90	4°0/25.7	18		164603	1422 <i>T-2</i>		6 26.4 198°07	3°7/26.1	17	
5 21	18 48.30	-33 15.2	2.299	3.133	12.3	19.4	5 21	18 54.76	-31 0.4	1.666	2.508	15.8	20.5
5 31	18 43.42	-34 3.5	2.222	3.134	9.7	19.2	5 31	18 49.10	-31 33.8	1.587	2.506	12.3	20.2
6 10	18 36.36	-34 47.9	2.168	3.134	6.8	19.1	6 10	18 40.41	-32 3.5	1.530	2.504	8.4	20.0
6 20	18 27.71	-35 24.6	2.139	3.135	4.5	18.9	6 20	18 29.44	-32 24.6	1.497	2.501	4.7	19.8
6 30	18 18.35	-35 50.2	2.138	3.136	4.3	18.9	6 30	18 17.45	-32 33.0	1.491	2.498	4.2	19.7
7 10	18 9.29	-36 3.4	2.163	3.137	6.5	19.1	7 10	18 5.94	-32 27.4	1.510	2.494	7.6	19.9
7 20	18 1.47	-36 4.7	2.215	3.138	9.3	19.2	7 20	17 56.25	-32 9.8	1.554	2.489	11.6	20.1
7 30	17 55.66	-35 56.4	2.289	3.139	11.9	19.4	7 30	17 49.40	-31 44.0	1.620	2.484	15.2	20.4
394323	2006 <i>WY</i> ₁₀₃		6 26.4 272°06	2°1/26.4	18		390444	2013 <i>YQ</i> ₆₉		6 26.4 135°64	1°1/26.6	17	
5 21	18 46.53	-18 43.3	2.213	3.050	12.6	21.1	5 21	18 47.85	-19 11.7	2.046	2.885	13.4	21.2
5 31	18 41.87	-18 15.9	2.122	3.039	9.8	20.9	5 31	18 42.98	-19 24.8	1.969	2.889	10.3	21.0
6 10	18 35.26	-17 50.7	2.053	3.028	6.5	20.7	6 10	18 36.03	-19 42.6	1.915	2.892	6.7	20.8
6 20	18 27.25	-17 28.1	2.010	3.016	3.2	20.4	6 20	18 27.59	-20 3.7	1.887	2.896	2.9	20.6
6 30	18 18.61	-17 8.6	1.994	3.005	2.5	20.4	6 30	18 18.51	-20 26.7	1.885	2.899	1.8	20.5
7 10	18 10.22	-16 52.8	2.006	2.994	5.6	20.5	7 10	18 9.77	-20 50.1	1.911	2.903	5.5	20.8
7 20	18 2.92	-16 41.0	2.044	2.983	9.1	20.7	7 20	18 2.24	-21 12.9	1.964	2.906	9.1	21.0
7 30	17 57.38	-16 33.7	2.106	2.971	12.2	20.9	7 30	17 56.66	-21 34.9	2.040	2.909	12.4	21.2
290358	2005 <i>SD</i> ₂₆₂		6 26.4 299°87	4°2/25.8	18		501802	2014 <i>WB</i> ₂₅		6 26.4 298°81	3°8/25.8	17	
5 21	18 48.70	-33 28.3	2.147	2.983	12.9	20.7	5 21	18 49.97	-28 1.3	1.275	2.143	18.1	21.2
5 31	18 43.92	-34 12.4	2.064	2.977	10.2	20.5	5 31	18 46.50	-28 53.8	1.188	2.122	14.2	20.9
6 10	18 36.79	-34 52.3	2.004	2.971	7.3	20.3	6 10	18 39.42	-29 48.9	1.120	2.101	9.7	20.6
6 20	18 27.92	-35 24.0	1.969	2.965	4.7	20.1	6 20	18 29.30	-30 40.6	1.074	2.081	5.1	20.3
6 30	18 18.23	-35 43.9	1.961	2.960	4.5	20.1	6 30	18 17.44	-31 22.0	1.051	2.061	4.5	20.2
7 10	18 8.83	-35 50.6	1.979	2.954	6.8	20.2	7 10	18 5.71	-31 48.8	1.051	2.041	9.2	20.4
7 20	18 0.76	-35 44.9	2.023	2.948	9.9	20.4	7 20	17 55.93	-32 0.1	1.074	2.021	14.3	20.6
7 30	17 54.85	-35 29.5	2.089	2.943	12.7	20.6	7 30	17 49.58	-31 59.0	1.115	2.002	19.0	20.8
208901	2002 <i>TQ</i> ₁₅₉		6 26.4 340°01	5°8/27.7	18		494241	2016 <i>PT</i> ₂₇		6 26.4 219°27	1°6/26.1	17	
5 21	18 40.40	-9 25.0	1.291	2.152	18.3	18.5	5 21	18 49.71	-25 52.3	2.248	3.083	12.5	21.4
5 31	18 38.48	-9 31.3	1.206	2.131	14.9	18.2	5 31	18 44.48	-26 31.8	2.159	3.076	9.6	21.2
6 10	18 33.79	-9 56.6	1.140	2.112	10.9	17.9	6 10	18 37.08	-27 12.6	2.093	3.069	6.3	21.0
6 20	18 26.88	-10 42.9	1.095	2.093	7.1	17.6	6 20	18 28.06	-27 51.6	2.054	3.062	2.9	20.8
6 30	18 18.76	-11 49.5	1.072	2.077	5.9	17.5	6 30	18 18.24	-28 25.6	2.043	3.055	2.2	20.7
7 10	18 10.81	-13 12.7	1.071	2.062	8.9	17.6	7 10	18 8.62	-28 52.9	2.060	3.047	5.6	20.9
7 20	18 4.35	-14 46.5	1.093	2.048	13.3	17.8	7 20	18 0.14	-29 12.8	2.103	3.038	9.0	21.1
7 30	18 0.53	-16 24.7	1.135	2.037	17.6	18.0	7 30	17 53.60	-29 26.3	2.171	3.030	12.1	21.3
284537	2007 <i>RT</i> ₁₉₉		6 26.4 156°39	1°9/26.6	18		502991</						

EPHEMERIDES

6 26.4

6 26.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V	
434343	2004 <i>RG</i>	6 26.4 314°57' 2.6/26.7 17						235207	2003 <i>SW</i> ₁₇₅	6 26.4 231°91' 2.6/26.2 18				
5 21	18 50.77	-31 34.6	1.461	2.318	16.8	20.5	5 21	18 50.32	-29 46.5	2.033	2.872	13.5	20.9	
5 31	18 46.49	-31 9.5	1.368	2.296	13.2	20.3	5 31	18 45.15	-30 6.1	1.949	2.867	10.4	20.7	
6 10	18 38.96	-30 34.4	1.296	2.275	9.0	20.0	6 10	18 37.60	-30 22.6	1.887	2.862	7.0	20.5	
6 20	18 28.94	-29 46.4	1.246	2.254	4.4	19.6	6 20	18 28.30	-30 33.1	1.850	2.856	3.6	20.3	
6 30	18 17.74	-28 44.5	1.221	2.234	3.2	19.5	6 30	18 18.22	-30 35.0	1.841	2.850	3.0	20.2	
7 10	18 6.99	-27 31.0	1.221	2.214	7.7	19.7	7 10	18 8.49	-30 27.6	1.858	2.844	6.2	20.4	
7 20	17 58.16	-26 11.2	1.245	2.195	12.6	19.9	7 20	18 0.14	-30 12.2	1.901	2.838	9.7	20.6	
7 30	17 52.35	-24 51.5	1.290	2.176	17.0	20.1	7 30	17 54.00	-29 51.1	1.968	2.832	13.0	20.8	
100220	1994 <i>PT</i> ₁₀	6 26.4 326°04' 4.1/26.2 18						147003	2002 <i>PV</i> ₁₂₁	6 26.4 257°18' 4.5/26.6 18				
5 21	18 49.25	-34 32.3	2.087	2.923	13.3	19.5	5 21	18 48.93	-13 53.3	1.666	2.506	15.9	20.4	
5 31	18 44.33	-34 55.1	2.007	2.919	10.5	19.3	5 31	18 44.34	-13 19.5	1.580	2.495	12.6	20.1	
6 10	18 37.04	-35 11.6	1.949	2.916	7.5	19.1	6 10	18 37.22	-12 53.1	1.514	2.484	8.9	19.9	
6 20	18 28.03	-35 18.2	1.915	2.912	4.8	18.9	6 20	18 28.20	-12 35.5	1.473	2.472	5.5	19.7	
6 30	18 18.29	-35 12.2	1.908	2.909	4.4	18.9	6 30	18 18.26	-12 27.9	1.456	2.461	4.7	19.6	
7 10	18 8.97	-34 53.4	1.928	2.906	6.8	19.0	7 10	18 8.61	-12 30.6	1.466	2.449	7.8	19.7	
7 20	18 1.08	-34 23.6	1.973	2.903	9.8	19.2	7 20	18 0.35	-12 42.8	1.499	2.437	11.8	19.9	
7 30	17 55.43	-33 46.3	2.041	2.900	12.8	19.4	7 30	17 54.40	-13 3.4	1.555	2.425	15.5	20.1	
380184	2000 <i>SE</i> ₂₉₁	6 26.4 229°03' 0.1/26.4 18						504580	2008 <i>TJ</i> ₁₀₉	6 26.4 240°82' 5.3/25.3 18				
5 21	18 50.48	-23 14.4	2.404	3.233	12.0	22.1	5 21	18 54.25	-37 4.5	2.364	3.181	12.5	22.6	
5 31	18 44.86	-23 16.2	2.304	3.219	9.2	21.9	5 31	18 48.28	-38 2.0	2.267	3.164	10.1	22.4	
6 10	18 37.23	-23 18.6	2.228	3.204	6.0	21.6	6 10	18 39.76	-38 54.4	2.193	3.146	7.6	22.2	
6 20	18 28.10	-23 20.3	2.179	3.189	2.4	21.4	6 20	18 29.24	-39 36.6	2.144	3.128	5.7	22.1	
6 30	18 18.25	-23 20.1	2.158	3.173	1.3	21.3	6 30	18 17.66	-40 3.8	2.123	3.109	5.6	22.0	
7 10	18 8.59	-23 17.6	2.166	3.156	5.1	21.5	7 10	18 6.21	-40 14.2	2.130	3.089	7.5	22.1	
7 20	17 59.97	-23 13.0	2.201	3.138	8.6	21.7	7 20	17 56.02	-40 8.3	2.162	3.069	10.2	22.3	
7 30	17 53.15	-23 7.4	2.261	3.120	11.7	21.9	7 30	17 48.06	-39 49.3	2.218	3.047	12.9	22.4	
481448	2006 <i>WQ</i> ₁₇₂	6 26.4 265°08' 1.5/26.1 16						295935	2008 <i>XD</i> ₇	6 26.5 257°86' 2.5/26.6 17				
5 21	18 49.02	-26 19.2	2.552	3.382	11.3	23.4	5 21	18 52.09	-18 4.6	1.564	2.409	16.5	21.2	
5 31	18 43.85	-26 50.9	2.442	3.357	8.8	23.2	5 31	18 47.19	-17 48.9	1.468	2.389	13.0	20.9	
6 10	18 36.67	-27 23.3	2.356	3.331	5.8	22.9	6 10	18 39.34	-17 38.2	1.392	2.369	8.8	20.6	
6 20	18 27.92	-27 54.1	2.296	3.304	2.7	22.7	6 20	18 29.16	-17 32.5	1.340	2.347	4.3	20.3	
6 30	18 18.33	-28 20.6	2.265	3.277	2.0	22.6	6 30	18 17.70	-17 31.5	1.313	2.325	3.1	20.1	
7 10	18 8.76	-28 41.3	2.263	3.250	5.2	22.8	7 10	18 6.39	-17 34.9	1.312	2.303	7.6	20.3	
7 20	18 0.10	-28 55.6	2.289	3.222	8.5	22.9	7 20	17 56.58	-17 42.3	1.336	2.280	12.4	20.6	
7 30	17 53.12	-29 4.3	2.339	3.193	11.5	23.1	7 30	17 49.39	-17 54.0	1.381	2.256	16.8	20.8	
399665	2004 <i>RQ</i> ₂₄₅	6 26.4 287°60' 0.2/26.4 15						31769	1999 <i>JL</i> ₁₁₇	6 26.5 288°67' 3.3/25.7 18				
5 21	18 46.01	-23 8.5	2.297	3.137	12.1	21.9	5 21	18 48.56	-29 56.8	2.104	2.944	13.0	18.1	
5 31	18 41.60	-23 18.7	2.198	3.119	9.3	21.7	5 31	18 43.94	-30 50.0	2.014	2.932	10.2	17.9	
6 10	18 35.20	-23 30.5	2.122	3.101	6.0	21.5	6 10	18 36.94	-31 42.5	1.946	2.919	7.0	17.7	
6 20	18 27.32	-23 42.4	2.072	3.083	2.4	21.2	6 20	18 28.10	-32 30.3	1.904	2.906	4.0	17.5	
6 30	18 18.70	-23 53.1	2.050	3.065	1.4	21.1	6 30	18 18.33	-33 9.4	1.889	2.894	3.8	17.4	
7 10	18 10.24	-24 1.5	2.055	3.047	5.1	21.3	7 10	18 8.71	-33 37.1	1.901	2.881	6.6	17.6	
7 20	18 2.79	-24 7.5	2.087	3.029	8.7	21.5	7 20	18 0.32	-33 53.3	1.938	2.869	9.9	17.8	
7 30	17 57.09	-24 11.7	2.143	3.011	11.9	21.7	7 30	17 54.05	-33 59.5	1.999	2.856	13.1	17.9	
129028	2004 <i>TR</i> ₃₄₆	6 26.4 357°93' 4.4/26.2 17						509552	2008 <i>BA</i> ₂₀	6 26.5 2°50' 1.5/26.5 17				
5 21	18 50.29	-30 49.1	1.175	2.047	19.1	19.4	5 21	18 48.69	-28 21.1	1.955	2.800	13.7	20.6	
5 31	18 46.62	-31 22.1	1.110	2.045	14.9	19.1	5 31	18 43.82	-28 12.0	1.877	2.799	10.5	20.4	
6 10	18 39.27	-31 50.8	1.063	2.044	10.2	18.8	6 10	18 36.67	-27 59.1	1.821	2.799	6.9	20.2	
6 20	18 29.11	-32 9.1	1.037	2.043	5.7	18.6	6 20	18 27.90	-27 40.8	1.791	2.800	3.1	19.9	
6 30	18 17.73	-32 12.3	1.034	2.043	4.9	18.5	6 30	18 18.50	-27 16.2	1.787	2.800	2.1	19.8	
7 10	18 7.04	-31 59.2	1.053	2.043	9.1	18.8	7 10	18 9.57	-26 46.1	1.810	2.801	5.8	20.1	
7 20	17 58.73	-31 32.6	1.094	2.044	13.9	19.0	7 20	18 2.07	-26 12.3	1.858	2.801	9.5	20.3	
7 30	17 53.95	-30 57.9	1.154	2.046	18.2	19.3	7 30	17 56.74	-25 37.4	1.930	2.802	12.8	20.5	
239133	2006 <i>JW</i> ₁₈	6 26.4 309°29' 3.1/26.7 18						184924	2005 <i>UX</i> ₅₀₈	6 26.5 278°70' 2.6/26.7 18				
5 21	18 46.52	-15 47.1	1.826	2.669	14.6	20.7	5 21	18 45.19	-15 39.0	2.330	3.161	12.2	20.7	
5 31	18 42.22	-15 30.3	1.745	2.664	11.4	20.4	5 31	18 40.84	-15 27.8	2.232	3.145	9.6	20.5	
6 10	18 35.69	-15 19.9	1.686	2.659	7.8	20.2	6 10	18 34.66	-15 21.9	2.158	3.129	6.6	20.2	
6 20	18 27.52	-15 16.4	1.650	2.655	4.3	20.0	6 20	18 27.11	-15 21.4	2.109	3.112	3.6	20.0	
6 30	18 18.61	-15 19.7	1.641	2.650	3.4	19.9	6 30	18 18.90	-15 26.4	2.088	3.096	2.9	20.0	
7 10	18 10.04	-15 29.4	1.658	2.646	6.6	20.1	7 10	18 10.86	-15 36.5	2.094	3.080	5.6	20.1	
7 20	18 2.74	-15 44.7	1.700	2.642	10.3	20.3	7 20	18 3.75	-15 51.0	2.126	3.063	8.8	20.3	
7 30	17 57.52	-16 4.6	1.765	2.638	13.8	20.5	7 30	17 58.27	-16 9.2	2.182	3.047	11.8	20.4	
62844	2000 <i>UK</i> ₆₄	6 26.4 114°73' 2.1/26.5 18						509083	2005 <i>UZ</i> ₁₃₂	6 26.5 337°97' 2.1/26.3 17				
5 21	18 46.58	-18 8.8	2.310	3.143	12.2	19.6	5 21	18 43.99	-26 17.7	1.174	2.056	18.4	20.8	
5 31	18 41.70	-17 42.8	2.233	3.148	9.5	19.5	5 31	18 41.81	-26 39.9	1.098	2.041	14.3	20.5	
6 10	18 35.05	-17 19.7	2.179	3.153	6.3	19.3	6 10	18 36.25	-27 3.1	1.039	2.026	9.5	20.1	
6 20	18 27.18	-16 59.8	2.152	3.158	3.2	19.1	6 20	18 28.00	-27 23.3	1.001	2.012	4.2	19.8	
6 30	18 18.83	-16 43.5	2.152	3.162	2.5	19.0	6 30	18 18.40	-27 36.9	0.986	2.000	3.1	19.7	
7 10	18 10.84	-16 31.2	2.180	3.167	5.3	19.2	7 10	18 9.18	-27 41.7	0.993	1.989	8.3	20.0	
7 20	18 3.94	-16 23.1	2.235	3.172	8.5	19.4	7 20	18 1.96	-27 38.1	1.021	1.979	13.6	20.2	
7 30	17 58.72	-16 19.2	2.313	3.176	11.3	19.6	7 30	17 57.99	-27 28.6	1.067	1.971	18.3	20.5	
347067	2010 <i>FD</i> ₃₁	6 26.4 333°12' 3.4/26.1 17						440628	2005 <i>WL</i> ₄₈	6 26.5 321°59' 2.5/25.9 18				
5 21	18 49.99	-31 15.7	1.914	2.756	14.0	21.3	5 21	18 46.70	-27 16.2	2.024	2.870	13.2	20.2	

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
252858	2002 <i>GP</i> ₁₇₈		6 26.5 150°21	4.2/26.8	18		209327	2004 <i>BC</i> ₉₂		6 26.5 90°98	2.1/26.7	17	R
5 21	18 44.59	-10 59.4	2.423	3.242	12.2	20.6	5 21	18 48.36	-16 55.6	2.166	2.997	13.0	20.7
5 31	18 40.14	-10 29.1	2.343	3.243	9.7	20.4	5 31	18 43.08	-16 51.6	2.105	3.018	10.0	20.6
6 10	18 34.06	-10 6.1	2.286	3.244	7.1	20.3	6 10	18 35.94	-16 52.6	2.066	3.039	6.7	20.4
6 20	18 26.83	-9 51.5	2.255	3.245	4.8	20.1	6 20	18 27.58	-16 58.3	2.053	3.059	3.3	20.2
6 30	18 19.13	-9 46.1	2.250	3.246	4.4	20.1	6 30	18 18.79	-17 8.0	2.068	3.079	2.4	20.2
7 10	18 11.70	-9 49.8	2.273	3.247	6.2	20.2	7 10	18 10.46	-17 20.7	2.111	3.099	5.4	20.4
7 20	18 5.22	-10 1.9	2.322	3.248	8.8	20.4	7 20	18 3.34	-17 36.0	2.180	3.118	8.6	20.6
7 30	18 0.25	-10 21.2	2.395	3.248	11.3	20.6	7 30	17 58.03	-17 53.2	2.273	3.137	11.5	20.9
342669	2008 <i>VP</i> ₁₅		6 26.5 250°71	0°8/26.5	18		463122	2011 <i>UP</i> ₃₀₃		6 26.5 224°12	3°1/26.6	17	
5 21	18 48.47	-21 3.6	1.946	2.788	13.8	21.6	5 21	18 51.69	-17 0.9	1.574	2.418	16.5	22.3
5 31	18 43.71	-21 1.9	1.859	2.780	10.7	21.3	5 31	18 46.63	-16 38.5	1.491	2.412	12.9	22.0
6 10	18 36.68	-21 2.9	1.794	2.772	7.0	21.1	6 10	18 38.80	-16 21.7	1.429	2.404	8.8	21.8
6 20	18 27.97	-21 5.5	1.754	2.764	2.9	20.8	6 20	18 28.90	-16 10.9	1.391	2.397	4.5	21.5
6 30	18 18.48	-21 8.7	1.741	2.755	1.7	20.7	6 30	18 18.02	-16 6.4	1.378	2.388	3.5	21.4
7 10	18 9.28	-21 11.9	1.755	2.747	5.8	21.0	7 10	18 7.49	-16 7.9	1.391	2.380	7.4	21.6
7 20	18 1.34	-21 15.1	1.795	2.738	9.8	21.2	7 20	17 58.54	-16 15.2	1.428	2.370	11.9	21.9
7 30	17 55.49	-21 18.7	1.858	2.729	13.3	21.4	7 30	17 52.13	-16 27.8	1.487	2.361	15.9	22.1
216484	1999 <i>VE</i> ₈₅		6 26.5 330°47	0°9/26.5	18		485140	2010 <i>OC</i> ₂₂		6 26.5 302°96	13°0/25.0	17	
5 21	18 44.04	-21 42.4	1.139	2.021	18.8	20.2	5 21	18 43.79	+11 41.4	2.216	2.939	16.0	20.8
5 31	18 41.84	-21 37.0	1.059	2.003	14.7	19.9	5 31	18 39.86	+13 23.9	2.138	2.924	14.7	20.7
6 10	18 36.28	-21 35.4	0.998	1.985	9.7	19.5	6 10	18 34.08	+14 48.0	2.079	2.908	13.7	20.6
6 20	18 28.03	-21 36.7	0.957	1.969	4.0	19.1	6 20	18 26.94	+15 47.9	2.039	2.893	13.1	20.5
6 30	18 18.39	-21 39.3	0.938	1.953	2.3	19.0	6 30	18 19.12	+16 19.1	2.021	2.877	13.0	20.5
7 10	18 9.08	-21 42.5	0.941	1.939	8.3	19.3	7 10	18 11.45	+16 20.0	2.023	2.862	13.7	20.5
7 20	18 1.70	-21 46.1	0.965	1.926	13.9	19.5	7 20	18 4.72	+15 52.0	2.045	2.847	14.9	20.6
7 30	17 57.53	-21 50.8	1.008	1.915	18.9	19.8	7 30	17 59.62	+14 58.7	2.085	2.833	16.3	20.6
133489	2003 <i>SE</i> ₂₆₈		6 26.5 352°06	0°6/26.4	18		120839	1998 <i>KX</i> ₃₈		6 26.5 71°31	6°1/25.4	18	
5 21	18 48.30	-24 42.6	1.757	2.608	14.7	19.9	5 21	18 54.73	-35 6.0	1.699	2.537	15.7	19.1
5 31	18 43.78	-24 45.3	1.681	2.607	11.3	19.7	5 31	18 49.03	-36 27.7	1.646	2.557	12.5	19.0
6 10	18 36.79	-24 48.2	1.626	2.606	7.3	19.5	6 10	18 40.34	-37 43.0	1.616	2.578	9.1	18.8
6 20	18 28.02	-24 49.2	1.595	2.605	3.0	19.2	6 20	18 29.48	-38 44.7	1.609	2.598	6.6	18.7
6 30	18 18.48	-24 47.0	1.590	2.605	1.7	19.1	6 30	18 17.76	-39 27.2	1.628	2.618	6.4	18.7
7 10	18 9.37	-24 41.1	1.612	2.604	6.1	19.4	7 10	18 6.70	-39 48.6	1.673	2.638	8.7	18.9
7 20	18 1.75	-24 32.3	1.658	2.604	10.2	19.6	7 20	17 57.58	-39 50.9	1.742	2.658	11.7	19.1
7 30	17 56.44	-24 22.0	1.727	2.604	13.8	19.9	7 30	17 51.35	-39 38.6	1.832	2.678	14.6	19.4
510395	2011 <i>UG</i> ₁₂₁		6 26.5 342°97	2°0/26.1	18		403169	2008 <i>GU</i> ₁₀₃		6 26.5 309°90	2°5/25.9	18	
5 21	18 47.32	-26 27.3	1.880	2.729	14.0	20.9	5 21	18 47.20	-28 0.0	2.157	2.999	12.7	20.8
5 31	18 43.03	-27 4.7	1.801	2.726	10.7	20.7	5 31	18 42.75	-28 45.8	2.070	2.991	9.8	20.6
6 10	18 36.33	-27 43.0	1.744	2.723	7.1	20.5	6 10	18 36.10	-29 31.8	2.007	2.983	6.6	20.4
6 20	18 27.86	-28 18.6	1.711	2.720	3.3	20.3	6 20	18 27.79	-30 14.5	1.969	2.975	3.4	20.2
6 30	18 18.55	-28 48.5	1.706	2.717	2.6	20.2	6 30	18 18.66	-30 50.5	1.958	2.967	3.0	20.1
7 10	18 9.55	-29 10.5	1.726	2.715	6.2	20.4	7 10	18 9.75	-31 17.8	1.974	2.959	6.0	20.3
7 20	18 1.92	-29 24.6	1.772	2.713	10.0	20.7	7 20	18 1.99	-31 36.0	2.017	2.952	9.3	20.5
7 30	17 56.51	-29 31.8	1.840	2.712	13.4	20.9	7 30	17 56.23	-31 46.0	2.083	2.945	12.4	20.7
471569	2012 <i>QG</i> ₂₆		6 26.5 183°65	6°2/27.1	18		418034	2007 <i>VH</i>		6 26.5 265°93	4°2/25.8	17	
5 21	18 46.63	-7 2.3	1.990	2.805	14.6	21.1	5 21	18 53.50	-30 5.8	1.555	2.405	16.4	21.5
5 31	18 42.04	-6 27.9	1.913	2.805	11.9	20.9	5 31	18 48.71	-30 58.4	1.464	2.386	12.9	21.3
6 10	18 35.45	-6 5.2	1.857	2.805	9.1	20.7	6 10	18 40.61	-31 50.9	1.393	2.368	8.9	21.0
6 20	18 27.44	-5 56.2	1.825	2.805	6.8	20.6	6 20	18 29.81	-32 37.2	1.345	2.349	5.1	20.7
6 30	18 18.80	-6 2.1	1.819	2.805	6.3	20.5	6 30	18 17.50	-33 11.3	1.323	2.329	4.7	20.6
7 10	18 10.48	-6 22.4	1.839	2.804	8.0	20.6	7 10	18 5.32	-33 29.8	1.326	2.310	8.5	20.8
7 20	18 3.31	-6 55.4	1.883	2.804	10.8	20.8	7 20	17 54.88	-33 32.7	1.353	2.289	12.9	21.0
7 30	17 57.99	-7 38.4	1.951	2.803	13.5	21.0	7 30	17 47.47	-33 23.4	1.401	2.269	17.0	21.2
156504	2002 <i>CX</i> ₁₆₂		6 26.5 249°27	2°7/26.1	18		256221	2006 <i>VB</i> ₁₃₂		6 26.5 93°43	0°2/26.5	17	
5 21	18 51.56	-29 11.5	2.014	2.851	13.6	20.6	5 21	18 52.17	-22 10.8	1.679	2.524	15.5	21.2
5 31	18 46.30	-29 40.7	1.919	2.836	10.6	20.4	5 31	18 46.58	-22 21.4	1.619	2.542	11.9	21.0
6 10	18 38.50	-30 8.3	1.846	2.821	7.2	20.1	6 10	18 38.49	-22 34.4	1.581	2.561	7.6	20.8
6 20	18 28.76	-30 30.7	1.799	2.805	3.7	19.9	6 20	18 28.67	-22 47.9	1.568	2.579	3.1	20.5
6 30	18 18.04	-30 44.6	1.779	2.789	3.1	19.8	6 30	18 18.25	-22 59.8	1.581	2.596	1.6	20.5
7 10	18 7.52	-30 48.5	1.786	2.772	6.5	20.0	7 10	18 8.47	-23 9.2	1.621	2.614	6.1	20.8
7 20	17 58.34	-30 43.1	1.820	2.754	10.2	20.2	7 20	18 0.35	-23 16.2	1.686	2.631	10.2	21.1
7 30	17 51.43	-30 30.5	1.876	2.737	13.6	20.3	7 30	17 54.68	-23 21.6	1.774	2.647	13.7	21.3
44117	Harold Larson		6 26.5 46°22	1°6/26.7	18		153223	2000 <i>YR</i> ₄₇		6 26.5 281°93	3°1/27.1	18	
5 21	18 49.26	-18 49.9	1.370	2.229	17.6	18.1	5 21	18 47.15	-12 11.9	2.502	3.317	11.9	20.1
5 31	18 44.98	-18 58.4	1.305	2.235	13.6	17.9	5 31	18 42.39	-12 23.5	2.384	3.285	9.5	19.9
6 10	18 37.78	-19 14.0	1.260	2.241	8.9	17.7	6 10	18 35.76	-12 43.8	2.289	3.252	6.7	19.7
6 20	18 28.47	-19 35.2	1.238	2.248	3.9	17.4	6 20	18 27.66	-13 13.1	2.220	3.219	4.0	19.4
6 30	18 18.26	-19 59.8	1.240	2.254	2.4	17.3	6 30	18 18.72	-13 50.7	2.179	3.185	3.3	19.3
7 10	18 8.63	-20 25.8	1.267	2.261	7.2	17.6	7 10	18 9.73	-14 35.0	2.168	3.151	5.7	19.4
7 20	18 0.81	-20 51.8	1.317	2.268	11.9	17.9	7 20	18 1.50	-15 24.3	2.183	3.116	8.9	19.6
7 30	17 55.76	-21 17.2	1.388	2.275	16.0	18.2	7 30	17 54.77	-16 16.7	2.224	3.081	11.9	19.7
255713	2006 <i>QP</i> ₁₀₈		6 26.5 359°57	4°1/26.4	17		221888	2008 <i>HM</i> <					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
22728	1998 <i>SH</i> ₁₀₆		6 26.5 312°22	5°9/25.4	18		154542	2003 <i>GX</i> ₂₆		6 26.5 285°62	2°8/26.2	18	
5 21	18 48.89	-37 38.5	2.082	2.914	13.4	17.7	5 21	18 50.18	-28 38.2	1.699	2.549	15.2	19.9
5 31	18 44.49	-38 33.5	1.991	2.896	10.9	17.5	5 31	18 45.72	-29 6.5	1.606	2.531	11.9	19.7
6 10	18 37.47	-39 22.4	1.922	2.878	8.3	17.3	6 10	18 38.40	-29 33.7	1.535	2.513	8.0	19.4
6 20	18 28.41	-40 0.0	1.876	2.860	6.3	17.1	6 20	18 28.84	-29 55.9	1.488	2.495	4.0	19.1
6 30	18 18.31	-40 21.8	1.857	2.843	6.2	17.1	6 30	18 18.11	-30 9.3	1.466	2.477	3.3	19.0
7 10	18 8.42	-40 25.8	1.863	2.825	8.2	17.2	7 10	18 7.60	-30 12.2	1.471	2.459	7.2	19.2
7 20	17 59.91	-40 12.8	1.894	2.809	11.0	17.3	7 20	17 58.62	-30 5.2	1.499	2.441	11.5	19.4
7 30	17 53.78	-39 46.3	1.946	2.792	13.8	17.5	7 30	17 52.24	-29 50.9	1.550	2.423	15.3	19.6
93570	2000 <i>UY</i> ₄₁		6 26.5 166°91	0°1/26.5	18		280947	2006 <i>BZ</i> ₁₄₄		6 26.5 206°34	1°7/26.6	18	
5 21	18 49.66	-22 52.0	1.944	2.786	13.9	19.9	5 21	18 49.72	-18 29.8	2.303	3.131	12.5	21.7
5 31	18 44.57	-23 1.6	1.866	2.788	10.6	19.7	5 31	18 44.27	-18 19.8	2.213	3.125	9.7	21.5
6 10	18 37.21	-23 13.0	1.811	2.790	6.9	19.4	6 10	18 36.87	-18 13.0	2.145	3.119	6.4	21.3
6 20	18 28.20	-23 24.3	1.781	2.791	2.8	19.2	6 20	18 28.06	-18 9.2	2.105	3.112	3.0	21.1
6 30	18 18.49	-23 34.0	1.777	2.792	1.5	19.1	6 30	18 18.59	-18 8.0	2.092	3.104	2.1	21.0
7 10	18 9.15	-23 41.1	1.801	2.793	5.7	19.4	7 10	18 9.38	-18 9.1	2.108	3.096	5.4	21.2
7 20	18 1.17	-23 45.7	1.851	2.794	9.6	19.6	7 20	18 1.25	-18 12.5	2.151	3.087	8.8	21.4
7 30	17 55.31	-23 48.6	1.925	2.795	13.0	19.8	7 30	17 54.89	-18 18.1	2.218	3.078	11.9	21.6
43016	1999 <i>VM</i>		6 26.5 282°58	1°3/26.6	18		308371	2005 <i>QG</i> ₁₈₉		6 26.5 214°55	5°7/27.1	18	
5 21	18 47.69	-19 52.7	1.832	2.678	14.4	19.5	5 21	18 44.70	-5 40.7	2.499	3.299	12.4	21.2
5 31	18 43.26	-19 49.8	1.747	2.670	11.1	19.2	5 31	18 40.23	-5 8.0	2.415	3.296	10.2	21.1
6 10	18 36.48	-19 50.7	1.683	2.661	7.3	19.0	6 10	18 34.15	-4 45.4	2.353	3.292	8.0	20.9
6 20	18 27.96	-19 54.6	1.643	2.652	3.2	18.7	6 20	18 26.93	-4 34.7	2.316	3.288	6.2	20.8
6 30	18 18.60	-20 0.7	1.630	2.644	2.0	18.6	6 30	18 19.22	-4 36.9	2.306	3.283	5.8	20.8
7 10	18 9.54	-20 8.1	1.643	2.635	6.1	18.9	7 10	18 11.72	-4 51.9	2.322	3.279	7.1	20.8
7 20	18 1.79	-20 16.6	1.681	2.627	10.2	19.1	7 20	18 5.10	-5 18.3	2.364	3.274	9.3	21.0
7 30	17 56.20	-20 26.3	1.742	2.618	13.8	19.3	7 30	17 59.93	-5 54.3	2.430	3.269	11.6	21.1
167711	2004 <i>TT</i> ₁₈₃		6 26.5 83°84	1°6/26.4	17		394773	2008 <i>GX</i> ₅₀		6 26.5 343°66	1°8/26.7	18	
5 21	18 53.35	-26 32.2	1.353	2.211	17.8	20.7	5 21	18 43.45	-18 33.4	1.751	2.606	14.6	20.6
5 31	18 48.23	-26 41.3	1.291	2.221	13.7	20.5	5 31	18 40.11	-18 29.2	1.669	2.596	11.3	20.4
6 10	18 39.92	-26 48.9	1.250	2.231	8.9	20.2	6 10	18 34.49	-18 30.2	1.608	2.587	7.5	20.1
6 20	18 29.34	-26 51.8	1.231	2.241	3.8	20.0	6 20	18 27.19	-18 36.1	1.570	2.579	3.5	19.9
6 30	18 17.90	-26 47.6	1.236	2.250	2.5	19.9	6 30	18 19.09	-18 46.2	1.558	2.571	2.4	19.8
7 10	18 7.24	-26 35.9	1.267	2.260	7.4	20.2	7 10	18 11.29	-18 59.5	1.571	2.564	6.2	20.0
7 20	17 58.69	-26 18.8	1.321	2.270	12.1	20.5	7 20	18 4.77	-19 15.3	1.609	2.558	10.3	20.2
7 30	17 53.19	-25 59.3	1.396	2.279	16.1	20.8	7 30	18 0.36	-19 33.1	1.669	2.553	13.9	20.4
69931	1998 <i>UA</i>		6 26.5 68°22	15°0/24.9	18		456211	2006 <i>KA</i> ₁		6 26.5 287°37	11°6/23.9	17	
5 21	18 49.98	+12 16.0	1.896	2.617	18.4	18.4	5 21	18 51.90	-9 36.2	1.115	1.968	21.2	20.6
5 31	18 44.57	+14 52.8	1.853	2.632	16.9	18.3	5 31	18 47.67	-7 0.3	1.040	1.954	17.7	20.4
6 10	18 37.06	+17 6.0	1.830	2.647	15.7	18.3	6 10	18 39.97	-4 27.1	0.983	1.939	14.2	20.1
6 20	18 28.09	+18 48.0	1.827	2.662	15.1	18.3	6 20	18 29.55	-2 7.2	0.947	1.925	11.9	19.9
6 30	18 18.58	+19 53.7	1.845	2.678	15.1	18.3	6 30	18 17.78	0 12.4	0.934	1.910	12.2	19.9
7 10	18 9.53	+20 22.1	1.883	2.693	15.7	18.4	7 10	18 6.41	+1 8.5	0.942	1.896	15.1	20.0
7 20	18 1.81	+20 15.9	1.940	2.709	16.7	18.5	7 20	17 57.05	+1 52.6	0.969	1.881	19.1	20.2
7 30	17 56.11	+19 40.7	2.012	2.724	17.8	18.6	7 30	17 50.92	+2 2.3	1.013	1.867	23.0	20.4
513553	2010 <i>ND</i> ₁₀₄		6 26.5 257°10	7°6/25.0	18		414063	2007 <i>SG</i> ₁₇		6 26.5 234°48	5°5/25.9	16	
5 21	18 53.90	-46 15.2	2.551	3.342	12.4	21.1	5 21	18 55.60	-34 17.2	1.628	2.469	16.2	21.9
5 31	18 48.12	-47 16.6	2.466	3.330	10.6	20.9	5 31	18 50.17	-35 8.5	1.545	2.460	12.9	21.7
6 10	18 39.70	-48 7.5	2.402	3.318	8.9	20.8	6 10	18 41.43	-35 54.7	1.483	2.450	9.3	21.4
6 20	18 29.28	-48 42.5	2.363	3.306	7.8	20.7	6 20	18 30.10	-36 29.3	1.445	2.440	6.2	21.2
6 30	18 17.88	-48 57.3	2.349	3.293	7.8	20.7	6 30	18 17.48	-36 46.5	1.431	2.430	5.9	21.2
7 10	18 6.75	-48 50.6	2.361	3.281	8.9	20.7	7 10	18 5.23	-36 44.2	1.444	2.419	8.8	21.3
7 20	17 57.09	-48 24.0	2.397	3.268	10.7	20.8	7 20	17 54.89	-36 24.3	1.480	2.408	12.6	21.5
7 30	17 49.82	-47 41.6	2.455	3.255	12.7	21.0	7 30	17 47.62	-35 51.8	1.537	2.396	16.2	21.7
487156	2014 <i>OP</i> ₂₃₅		6 26.5 320°41	4°8/27.5	18		305317	2008 <i>AH</i> ₅₃		6 26.5 89°69	1°1/26.4	17	
5 21	18 44.37	-8 11.1	2.223	3.039	13.2	21.0	5 21	18 48.86	-26 39.8	2.190	3.029	12.6	21.0
5 31	18 40.20	-8 5.3	2.139	3.035	10.7	20.8	5 31	18 43.65	-26 41.4	2.121	3.040	9.7	20.8
6 10	18 34.25	-8 10.7	2.078	3.032	8.0	20.7	6 10	18 36.43	-26 41.2	2.074	3.051	6.3	20.6
6 20	18 27.00	-8 28.1	2.041	3.028	5.6	20.5	6 20	18 27.86	-26 37.7	2.053	3.063	2.7	20.4
6 30	18 19.16	-8 57.6	2.031	3.025	4.9	20.5	6 30	18 18.79	-26 29.7	2.060	3.074	1.7	20.3
7 10	18 11.54	-9 37.7	2.047	3.021	6.7	20.6	7 10	18 10.17	-26 17.3	2.095	3.085	5.2	20.6
7 20	18 4.91	-10 26.2	2.089	3.018	9.4	20.7	7 20	18 2.84	-26 1.4	2.156	3.096	8.6	20.8
7 30	17 59.90	-11 20.7	2.155	3.015	12.2	20.9	7 30	17 57.43	-25 43.8	2.241	3.107	11.5	21.0
16545	1991 <i>RN</i> ₄		6 26.5 273°84	4°0/26.8	18		333277	1996 <i>XM</i> ₂₃		6 26.5 245°14	0°6/26.5	18	R
5 21	18 49.26	-13 57.9	1.706	2.544	15.7	18.7	5 21	18 51.72	-26 27.1	2.073	2.909	13.4	20.6
5 31	18 44.79	-13 42.3	1.606	2.520	12.5	18.5	5 31	18 46.15	-26 9.2	1.978	2.896	10.3	20.3
6 10	18 37.71	-13 35.2	1.526	2.496	8.8	18.2	6 10	18 38.26	-25 48.1	1.905	2.882	6.7	20.1
6 20	18 28.55	-13 37.5	1.470	2.472	5.2	17.9	6 20	18 28.67	-25 22.6	1.859	2.869	2.8	19.8
6 30	18 18.25	-13 49.4	1.440	2.447	4.3	17.8	6 30	18 18.31	-24 52.0	1.840	2.855	1.6	19.7
7 10	18 8.01	-14 10.3	1.436	2.422	7.6	18.0	7 10	18 8.27	-24 17.3	1.849	2.840	5.7	20.0
7 20	17 59.02	-14 39.0	1.456	2.396	11.9	18.1	7 20	17 59.54	-23 40.3	1.885	2.825	9.6	20.2
7 30	17 52.32	-15 13.8	1.498	2.370	15.8	18.3	7 30	17 52.95	-23 3.6	1.944	2.810	13.0	20.4
509649	2008 <i>GT</i> ₅₀		6 26.5 128°59	0°1/26.5	18		17326	4023 <i>T</i> ₋₁					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
293656	2007 <i>PN</i> ₁₃		6 26.5 280°38	0°2/26.5 17			500177	2012 <i>FW</i> ₄₅		6 26.5 2°91	2°1/26.7 17		
5 21	18 50.25	-21 5.0	1.390	2.250	17.4	20.7	5 21	18 45.50	-18 33.6	1.190	2.065	18.7	20.9
5 31	18 46.18	-21 29.2	1.304	2.235	13.5	20.4	5 31	18 42.57	-18 33.5	1.125	2.063	14.5	20.6
6 10	18 38.94	-22 0.2	1.238	2.220	8.9	20.1	6 10	18 36.51	-18 41.5	1.079	2.063	9.6	20.4
6 20	18 29.16	-22 35.5	1.194	2.205	3.6	19.7	6 20	18 28.12	-18 56.7	1.054	2.064	4.4	20.1
6 30	18 18.00	-23 11.4	1.174	2.190	2.0	19.6	6 30	18 18.71	-19 17.3	1.051	2.065	2.8	20.0
7 10	18 7.03	-23 44.8	1.180	2.174	7.5	19.9	7 10	18 9.83	-19 41.5	1.072	2.068	7.8	20.3
7 20	17 57.77	-24 14.3	1.209	2.159	12.8	20.1	7 20	18 2.89	-20 7.5	1.114	2.071	12.9	20.6
7 30	17 51.44	-24 39.7	1.258	2.144	17.3	20.4	7 30	17 58.90	-20 34.3	1.176	2.076	17.3	20.8
10132	Lummelunda		6 26.5 302°83	7°7/26.7 18			314100	2005 <i>EB</i> ₄₉		6 26.5 60°26	0°3/26.5 17		
5 21	18 46.50	-9 37.2	1.272	2.125	19.1	17.0	5 21	18 51.97	-23 44.4	1.308	2.171	18.1	20.9
5 31	18 43.29	-8 43.9	1.188	2.106	15.7	16.7	5 31	18 47.08	-23 46.5	1.255	2.187	13.8	20.7
6 10	18 37.05	-8 2.8	1.122	2.087	11.9	16.5	6 10	18 39.13	-23 49.9	1.221	2.204	8.9	20.5
6 20	18 28.39	-7 38.5	1.076	2.068	8.6	16.2	6 20	18 29.06	-23 52.2	1.210	2.221	3.6	20.2
6 30	18 18.42	-7 34.3	1.053	2.049	8.0	16.1	6 30	18 18.28	-23 51.6	1.223	2.238	1.9	20.1
7 10	18 8.64	-7 51.2	1.053	2.031	10.8	16.2	7 10	18 8.34	-23 47.8	1.261	2.255	7.1	20.5
7 20	18 0.48	-8 27.5	1.073	2.014	15.0	16.4	7 20	18 0.49	-23 41.7	1.322	2.273	11.9	20.8
7 30	17 55.13	-9 19.0	1.112	1.997	19.2	16.6	7 30	17 55.59	-23 34.9	1.404	2.290	15.8	21.1
336673	2010 <i>AY</i> ₁₈		6 26.5 311°71	2°3/26.6 18			2741	Valdivia		6 26.5 20°72	7°2/27.9 18	R	
5 21	18 51.31	-30 30.3	1.658	2.507	15.5	20.0	5 21	18 44.46	-7 6.8	1.306	2.154	19.0	15.1
5 31	18 46.40	-30 17.0	1.576	2.499	12.1	19.8	5 31	18 41.26	-6 47.5	1.248	2.161	15.4	14.9
6 10	18 38.67	-29 57.1	1.515	2.492	8.1	19.6	6 10	18 35.38	-6 46.8	1.209	2.169	11.6	14.7
6 20	18 28.88	-29 28.0	1.477	2.485	3.9	19.3	6 20	18 27.59	-7 6.9	1.190	2.179	8.3	14.5
6 30	18 18.23	-28 48.7	1.465	2.478	2.9	19.2	6 30	18 19.04	-7 47.7	1.194	2.189	7.3	14.5
7 10	18 8.11	-28 0.5	1.480	2.471	6.8	19.4	7 10	18 11.03	-8 46.1	1.221	2.200	9.5	14.7
7 20	17 59.73	-27 6.8	1.519	2.464	11.1	19.7	7 20	18 4.69	-9 57.0	1.270	2.213	13.0	14.9
7 30	17 54.00	-26 12.0	1.580	2.458	14.9	19.9	7 30	18 0.87	-11 15.1	1.339	2.226	16.5	15.2
475029	2005 <i>UN</i> ₂₇		6 26.5 231°48	5°5/25.4 18			478852	2012 <i>VV</i> ₆₇		6 26.5 295°70	3°3/26.6 17		
5 21	18 51.13	-39 9.4	2.573	3.387	11.7	21.7	5 21	18 46.99	-16 5.2	1.853	2.694	14.5	21.4
5 31	18 45.67	-40 3.4	2.488	3.380	9.5	21.6	5 31	18 42.63	-15 36.3	1.769	2.687	11.3	21.2
6 10	18 37.97	-40 50.8	2.426	3.372	7.4	21.4	6 10	18 36.05	-15 12.6	1.707	2.679	7.8	21.0
6 20	18 28.58	-41 27.1	2.389	3.365	5.7	21.3	6 20	18 27.84	-14 54.9	1.669	2.672	4.4	20.7
6 30	18 18.38	-41 48.7	2.379	3.357	5.7	21.3	6 30	18 18.89	-14 43.9	1.657	2.665	3.6	20.7
7 10	18 8.42	-41 54.3	2.397	3.349	7.2	21.4	7 10	18 10.25	-14 39.9	1.672	2.658	6.7	20.8
7 20	17 59.67	-41 44.9	2.440	3.341	9.4	21.5	7 20	18 2.87	-14 42.7	1.711	2.651	10.4	21.0
7 30	17 52.93	-41 23.3	2.506	3.332	11.7	21.6	7 30	17 57.54	-14 51.6	1.773	2.645	13.8	21.2
401443	2013 <i>CH</i> ₁₃₂		6 26.5 38°37	1°8/26.6 18			436304	2010 <i>EJ</i> ₃₈		6 26.5 17°36	5°6/25.8 16		
5 21	18 45.79	-19 4.6	2.186	3.025	12.6	20.6	5 21	18 50.51	-35 18.0	1.728	2.571	15.2	20.7
5 31	18 41.29	-18 44.3	2.111	3.029	9.7	20.4	5 31	18 45.92	-36 10.8	1.659	2.573	12.1	20.5
6 10	18 34.93	-18 26.9	2.058	3.034	6.4	20.2	6 10	18 38.45	-36 57.3	1.611	2.576	8.9	20.3
6 20	18 27.28	-18 12.3	2.031	3.039	3.1	20.0	6 20	18 28.86	-37 31.7	1.586	2.579	6.2	20.1
6 30	18 19.14	-18 0.6	2.031	3.043	2.2	19.9	6 30	18 18.35	-37 49.5	1.587	2.582	5.9	20.1
7 10	18 11.35	-17 52.1	2.059	3.048	5.3	20.1	7 10	18 8.34	-37 49.3	1.613	2.586	8.3	20.3
7 20	18 4.69	-17 46.9	2.113	3.054	8.7	20.3	7 20	18 0.09	-37 33.2	1.663	2.590	11.5	20.5
7 30	17 59.78	-17 45.0	2.190	3.059	11.6	20.5	7 30	17 54.56	-37 5.1	1.734	2.594	14.6	20.7
406750	2008 <i>JU</i> ₁₂		6 26.5 233°50	0°3/26.4 18			172221	2002 <i>RP</i> ₅₉		6 26.5 288°16	6°2/25.5 18		
5 21	18 46.95	-21 32.6	2.510	3.342	11.4	20.8	5 21	18 52.78	-37 47.0	2.019	2.846	14.0	20.2
5 31	18 42.15	-22 12.7	2.421	3.338	8.7	20.6	5 31	18 47.76	-38 40.4	1.915	2.817	11.4	20.0
6 10	18 35.54	-22 56.6	2.357	3.334	5.7	20.4	6 10	18 39.83	-39 28.0	1.833	2.788	8.7	19.7
6 20	18 27.58	-23 42.2	2.319	3.329	2.3	20.2	6 20	18 29.54	-40 3.9	1.775	2.759	6.6	19.5
6 30	18 18.97	-24 26.9	2.310	3.325	1.3	20.1	6 30	18 17.91	-40 22.5	1.743	2.729	6.5	19.5
7 10	18 10.53	-25 8.8	2.330	3.320	4.7	20.3	7 10	18 6.35	-40 21.4	1.737	2.700	8.7	19.5
7 20	18 3.01	-25 46.6	2.377	3.315	8.0	20.5	7 20	17 56.22	-40 1.6	1.756	2.670	11.8	19.7
7 30	17 57.11	-26 19.8	2.449	3.311	10.8	20.7	7 30	17 48.68	-39 27.1	1.796	2.640	14.9	19.8
119006	2000 <i>YG</i> ₇₅		6 26.5 243°70	0°7/26.3 18			497859	2006 <i>US</i> ₁₂₂		6 26.5 188°34	1°1/26.4 17		
5 21	18 47.04	-23 21.7	2.351	3.188	11.9	19.9	5 21	18 52.75	-25 27.0	2.039	2.874	13.6	22.9
5 31	18 42.34	-23 55.6	2.266	3.185	9.1	19.7	5 31	18 46.97	-25 46.8	1.956	2.873	10.5	22.7
6 10	18 35.71	-24 32.0	2.204	3.182	5.9	19.5	6 10	18 38.83	-26 6.7	1.896	2.872	6.8	22.5
6 20	18 27.66	-25 8.6	2.168	3.178	2.4	19.3	6 20	18 28.96	-26 24.1	1.861	2.870	2.9	22.2
6 30	18 18.94	-25 42.9	2.160	3.175	1.5	19.2	6 30	18 18.31	-26 36.8	1.854	2.868	1.9	22.2
7 10	18 10.43	-26 13.3	2.181	3.171	5.0	19.4	7 10	18 8.00	-26 43.5	1.875	2.865	5.8	22.4
7 20	18 2.96	-26 38.9	2.228	3.168	8.4	19.6	7 20	17 59.04	-26 44.7	1.923	2.861	9.6	22.6
7 30	17 57.22	-26 59.9	2.300	3.164	11.3	19.8	7 30	17 52.25	-26 41.9	1.994	2.856	12.9	22.8
511829	2015 <i>FB</i> ₂₉₄		6 26.5 56°01	4°1/27.3 17			416318	2003 <i>SK</i> ₁₂₁		6 26.5 269°80	3°9/26.4 17		
5 21	18 47.28	-11 55.1	1.704	2.541	15.7	20.9	5 21	18 53.52	-31 51.1	1.522	2.372	16.6	20.9
5 31	18 42.81	-11 54.2	1.642	2.555	12.4	20.8	5 31	18 48.62	-32 9.0	1.437	2.360	13.1	20.6
6 10	18 36.09	-12 4.6	1.600	2.568	8.7	20.6	6 10	18 40.45	-32 21.3	1.372	2.347	9.1	20.3
6 20	18 27.80	-12 26.4	1.583	2.582	5.3	20.4	6 20	18 29.76	-32 23.3	1.330	2.334	5.1	20.1
6 30	18 18.90	-12 58.6	1.591	2.596	4.3	20.4	6 30	18 17.85	-32 11.1	1.313	2.321	4.3	20.0
7 10	18 10.48	-13 38.9	1.625	2.610	7.0	20.6	7 10	18 6.36	-31 44.2	1.321	2.308	8.0	20.2
7 20	18 3.48	-14 24.9	1.683	2.624	10.5	20.8	7 20	17 56.79	-31 5.5	1.353	2.295	12.4	20.4
7 30	17 58.62	-15 13.9	1.765	2.639	13.7	21.0	7 30	17 50.27	-30 20.0	1.406	2.282	16.5	20.6
161412	2003 <i>UW</i> ₂₄₅		6 26.5 255°46	0°9/26.6 18			401200	2011 <i>YC</i> ₁		6 26			

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
154576	2003 <i>HV</i> ₅₀		6 26.5 331°86	1.7°/25.9	18		399873	2005 <i>UL</i> ₅₂₀		6 26.5 117°56	5°5'/27.2	18	
5 21	18 47.34	-21 21.1	1.401	2.265	17.0	18.7	5 21	18 45.16	-6 18.3	2.479	3.281	12.4	21.9
5 31	18 44.04	-22 43.9	1.317	2.251	13.2	18.4	5 31	18 40.54	-5 46.9	2.407	3.290	10.2	21.7
6 10	18 37.65	-24 19.0	1.254	2.237	8.6	18.1	6 10	18 34.35	-5 25.6	2.358	3.299	7.8	21.6
6 20	18 28.72	-26 0.8	1.214	2.225	3.7	17.8	6 20	18 27.10	-5 15.9	2.334	3.308	6.0	21.5
6 30	18 18.35	-27 41.7	1.200	2.213	2.8	17.7	6 30	18 19.42	-5 18.6	2.336	3.316	5.5	21.5
7 10	18 8.07	-29 14.3	1.210	2.202	7.8	18.0	7 10	18 12.04	-5 33.3	2.365	3.325	6.9	21.6
7 20	17 59.39	-30 34.0	1.245	2.192	12.8	18.2	7 20	18 5.59	-5 58.6	2.420	3.333	9.0	21.7
7 30	17 53.58	-31 39.1	1.300	2.183	17.1	18.5	7 30	18 0.61	-6 32.5	2.499	3.341	11.3	21.9
389892	2012 <i>TJ</i> ₉		6 26.5 251°39	1°3'/26.4	18		295005	2008 <i>ET</i> ₄₂		6 26.5 348°29	4°2'/26.9	18	
5 21	18 49.89	-26 13.4	2.152	2.989	12.9	21.6	5 21	18 43.80	-12 24.3	1.924	2.762	14.2	20.0
5 31	18 44.82	-26 28.5	2.056	2.974	10.0	21.4	5 31	18 40.10	-12 5.7	1.845	2.757	11.2	19.8
6 10	18 37.48	-26 43.1	1.982	2.959	6.5	21.1	6 10	18 34.38	-11 55.8	1.786	2.753	8.0	19.6
6 20	18 28.45	-26 55.1	1.935	2.944	2.9	20.9	6 20	18 27.19	-11 55.7	1.752	2.749	5.1	19.4
6 30	18 18.57	-27 2.3	1.914	2.928	1.9	20.8	6 30	18 19.35	-12 5.7	1.743	2.746	4.3	19.4
7 10	18 8.89	-27 3.7	1.922	2.912	5.6	21.0	7 10	18 11.80	-12 25.0	1.760	2.743	6.8	19.5
7 20	18 0.39	-26 59.8	1.956	2.895	9.4	21.2	7 20	18 5.38	-12 52.2	1.802	2.741	10.0	19.7
7 30	17 53.91	-26 52.0	2.014	2.878	12.7	21.4	7 30	18 0.83	-13 25.5	1.867	2.739	13.2	19.9
442926	2013 <i>CS</i> ₄₉		6 26.5 168°05	2°3'/26.5	18		254559	2005 <i>EH</i> ₂₈₆		6 26.5 43°18	6°5'/25.2	17	
5 21	18 49.87	-31 6.3	2.405	3.235	11.9	21.1	5 21	18 54.86	-17 26.5	1.227	2.083	19.5	19.3
5 31	18 44.40	-31 4.8	2.324	3.237	9.2	20.9	5 31	18 49.09	-15 7.9	1.172	2.097	15.3	19.1
6 10	18 36.95	-30 58.4	2.266	3.238	6.2	20.7	6 10	18 40.30	-12 50.0	1.139	2.111	10.8	18.9
6 20	18 28.14	-30 45.2	2.234	3.239	3.2	20.5	6 20	18 29.52	-10 40.1	1.129	2.126	7.2	18.7
6 30	18 18.79	-30 24.2	2.231	3.240	2.6	20.5	6 30	18 18.21	-8 46.4	1.144	2.142	7.1	18.8
7 10	18 9.86	-29 55.8	2.255	3.241	5.3	20.7	7 10	18 7.91	-7 15.3	1.183	2.158	10.4	19.0
7 20	18 2.15	-29 21.6	2.306	3.241	8.3	20.8	7 20	17 59.80	-6 9.5	1.246	2.174	14.4	19.3
7 30	17 56.32	-28 44.3	2.382	3.242	11.2	21.0	7 30	17 54.67	-5 28.3	1.328	2.191	18.0	19.6
432781	2011 <i>FK</i> ₅₄		6 26.5 306°59	1°2'/26.6	18		189290	2005 <i>UO</i> ₆₅		6 26.5 151°98	5°7'/27.4	18	
5 21	18 47.10	-19 52.2	1.525	2.383	16.2	20.3	5 21	18 44.45	-2 53.1	2.932	3.712	11.2	21.2
5 31	18 43.47	-19 58.6	1.434	2.364	12.6	20.0	5 31	18 39.77	-2 20.8	2.856	3.720	9.4	21.1
6 10	18 37.04	-20 10.7	1.364	2.345	8.4	19.7	6 10	18 33.77	-1 58.7	2.803	3.726	7.5	20.9
6 20	18 28.40	-20 27.4	1.317	2.327	3.6	19.4	6 20	18 26.85	-1 48.4	2.776	3.733	6.1	20.9
6 30	18 18.59	-20 47.1	1.294	2.309	2.1	19.2	6 30	18 19.57	-1 50.8	2.775	3.739	5.8	20.8
7 10	18 8.95	-21 7.9	1.297	2.291	7.0	19.5	7 10	18 12.52	-2 5.5	2.802	3.744	6.7	20.9
7 20	18 0.80	-21 28.9	1.323	2.274	11.8	19.7	7 20	18 6.24	-2 31.3	2.854	3.749	8.4	21.0
7 30	17 55.20	-21 49.6	1.370	2.257	16.1	19.9	7 30	18 1.19	-3 6.3	2.931	3.754	10.3	21.2
146237	2000 <i>WP</i> ₁₅₄		6 26.5 122°65	2°8'/26.4	18		340541	2006 <i>KS</i> ₄		6 26.5 301°03	2°0'/26.2	17	
5 21	18 48.34	-16 23.7	2.650	3.470	11.2	19.8	5 21	18 48.79	-26 26.1	1.829	2.678	14.3	20.8
5 31	18 42.78	-15 36.4	2.577	3.482	8.7	19.7	5 31	18 44.34	-27 2.9	1.747	2.671	11.1	20.5
6 10	18 35.69	-14 51.8	2.527	3.494	6.0	19.5	6 10	18 37.36	-27 40.7	1.686	2.664	7.3	20.3
6 20	18 27.58	-14 11.0	2.505	3.506	3.5	19.4	6 20	18 28.47	-28 16.0	1.649	2.658	3.4	20.0
6 30	18 19.13	-13 35.1	2.513	3.517	3.0	19.3	6 30	18 18.66	-28 45.4	1.639	2.652	2.6	20.0
7 10	18 11.05	-13 5.0	2.549	3.528	5.2	19.5	7 10	18 9.13	-29 6.7	1.656	2.645	6.4	20.2
7 20	18 3.97	-12 41.5	2.612	3.539	7.9	19.7	7 20	18 1.00	-29 19.7	1.698	2.639	10.4	20.4
7 30	17 58.39	-12 24.6	2.701	3.550	10.3	19.9	7 30	17 55.19	-29 25.7	1.762	2.633	13.9	20.6
466123	2012 <i>EM</i> ₇		6 26.5 20°28	0°9'/26.4	17		47528	2000 <i>AE</i> ₉₅		6 26.5 217°52	2°2'/26.8	18	
5 21	18 47.98	-24 18.2	1.200	2.074	18.6	20.8	5 21	18 50.05	-16 45.4	1.777	2.616	15.1	19.6
5 31	18 44.50	-24 32.0	1.140	2.079	14.3	20.6	5 31	18 45.16	-16 51.3	1.694	2.612	11.8	19.3
6 10	18 37.76	-24 47.7	1.100	2.085	9.3	20.3	6 10	18 37.81	-17 4.5	1.632	2.607	7.9	19.1
6 20	18 28.64	-25 2.3	1.080	2.092	3.8	20.0	6 20	18 28.63	-17 24.3	1.595	2.602	3.9	18.8
6 30	18 18.56	-25 12.7	1.084	2.099	2.2	19.9	6 30	18 18.58	-17 49.2	1.584	2.596	2.7	18.8
7 10	18 9.17	-25 17.9	1.111	2.107	7.6	20.3	7 10	18 8.82	-18 17.6	1.600	2.590	6.4	19.0
7 20	18 1.89	-25 18.2	1.160	2.116	12.6	20.6	7 20	18 0.42	-18 48.1	1.641	2.584	10.5	19.2
7 30	17 57.70	-25 15.6	1.229	2.126	16.9	20.9	7 30	17 54.25	-19 19.5	1.705	2.577	14.2	19.4
225691	2001 <i>QU</i> ₁₂₄		6 26.5 313°71	1°3'/26.7	18		66671	Sfasu		6 26.5 123°98	10°5'/27.9	18	
5 21	18 45.97	-19 39.1	1.350	2.217	17.4	20.2	5 21	18 51.28	+ 5 19.6	2.080	2.829	16.1	19.1
5 31	18 43.06	-19 46.5	1.255	2.190	13.6	19.9	5 31	18 45.32	+ 6 32.6	2.026	2.850	14.1	19.0
6 10	18 37.08	-20 1.0	1.180	2.163	9.1	19.5	6 10	18 37.47	+ 7 26.7	1.992	2.871	12.2	18.9
6 20	18 28.53	-20 21.7	1.126	2.137	4.0	19.2	6 20	18 28.35	+ 7 57.8	1.980	2.890	10.9	18.9
6 30	18 18.51	-20 46.6	1.096	2.110	2.3	19.0	6 30	18 18.80	+ 8 3.5	1.993	2.908	10.5	18.9
7 10	18 8.52	-21 13.6	1.089	2.085	7.8	19.2	7 10	18 9.71	+ 7 44.3	2.029	2.926	11.3	19.0
7 20	18 0.09	-21 41.1	1.105	2.060	13.2	19.5	7 20	18 1.87	+ 7 3.1	2.089	2.943	12.8	19.1
7 30	17 54.51	-22 8.2	1.140	2.036	18.0	19.7	7 30	17 55.90	+ 6 4.7	2.170	2.958	14.5	19.3
382972	2005 <i>AK</i> ₂₆		6 26.5 191°61	0°4'/26.6	18		342327	2008 <i>TQ</i> ₁₀₄		6 26.5 359°09	1°5'/26.6	17	
5 21	18 49.52	-20 22.1	2.434	3.262	11.9	21.6	5 21	18 48.33	-19 54.1	1.762	2.609	14.8	21.5
5 31	18 44.12	-20 45.4	2.347	3.260	9.1	21.4	5 31	18 43.78	-19 41.9	1.685	2.609	11.5	21.3
6 10	18 36.82	-21 12.3	2.283	3.258	5.9	21.2	6 10	18 36.85	-19 33.1	1.630	2.609	7.5	21.1
6 20	18 28.15	-21 41.2	2.245	3.255	2.4	21.0	6 20	18 28.22	-19 27.1	1.599	2.608	3.4	20.8
6 30	18 18.82	-22 10.3	2.237	3.252	1.3	20.9	6 30	18 18.85	-19 23.6	1.595	2.608	2.2	20.7
7 10	18 9.71	-22 38.2	2.258	3.248	4.9	21.1	7 10	18 9.89	-19 22.2	1.617	2.609	6.2	21.0
7 20	18 1.62	-23 3.8	2.306	3.244	8.2	21.3	7 20	18 2.34	-19 23.0	1.663	2.609	10.3	21.2
7 30	17 55.22	-23 27.1	2.379	3.239	11.2	21.5	7 30	17 57.01	-19 26.2	1.732	2.609	13.8	21.5
426272	2012 <i>RS</i> ₄₀		6 26.5 344°02	5°5'/26.9	18		50473	2000 <i>DB</i> ₇₂					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
172832	2005 <i>CN</i> ₄		6 26.5	51°19'	1.4°/26.7	17	105749	2000 <i>SK</i> ₉₄		6 26.5	227°66'	3°0'/26.4	18
5 21	18 49.93	-19 6.6	1.297	2.160	18.2	20.0	5 21	18 49.96	-32 39.0	2.415	3.244	11.9	20.0
5 31	18 45.64	-19 17.5	1.239	2.170	14.0	19.7	5 31	18 44.64	-32 52.4	2.328	3.238	9.3	19.8
6 10	18 38.33	-19 35.7	1.200	2.181	9.2	19.5	6 10	18 37.25	-33 0.8	2.264	3.233	6.5	19.6
6 20	18 28.86	-19 59.3	1.182	2.193	4.0	19.2	6 20	18 28.38	-33 1.6	2.226	3.227	3.8	19.4
6 30	18 18.54	-20 25.7	1.190	2.204	2.3	19.2	6 30	18 18.87	-32 52.9	2.216	3.221	3.3	19.4
7 10	18 8.89	-20 52.7	1.221	2.216	7.3	19.5	7 10	18 9.69	-32 34.5	2.233	3.215	5.7	19.5
7 20	18 1.18	-21 18.9	1.276	2.228	12.1	19.8	7 20	18 1.71	-32 7.9	2.278	3.208	8.7	19.7
7 30	17 56.33	-21 43.9	1.351	2.241	16.2	20.1	7 30	17 55.65	-31 35.5	2.346	3.202	11.4	19.9
480605	2015 <i>MK</i> ₁₀₃		6 26.5	350°05'	1°6'/26.4	16	508192	2015 <i>FW</i> ₃₃₀		6 26.5	70°79'	1°5'/26.7	17
5 21	18 46.79	-26 59.3	1.835	2.686	14.2	21.0	5 21	18 48.75	-19 31.5	1.749	2.595	15.0	21.4
5 31	18 42.69	-27 12.2	1.756	2.683	10.9	20.7	5 31	18 44.09	-19 24.9	1.677	2.600	11.5	21.2
6 10	18 36.21	-27 23.9	1.700	2.679	7.2	20.5	6 10	18 37.05	-19 22.4	1.626	2.605	7.6	21.0
6 20	18 27.98	-27 32.0	1.667	2.677	3.2	20.3	6 20	18 28.33	-19 23.3	1.600	2.609	3.4	20.7
6 30	18 18.99	-27 34.5	1.661	2.674	2.2	20.2	6 30	18 18.92	-19 26.7	1.600	2.614	2.2	20.7
7 10	18 10.38	-27 30.8	1.681	2.672	6.1	20.4	7 10	18 9.94	-19 32.2	1.627	2.619	6.2	20.9
7 20	18 3.18	-27 21.5	1.726	2.671	10.0	20.7	7 20	18 2.42	-19 39.3	1.678	2.624	10.2	21.2
7 30	17 58.20	-27 8.6	1.793	2.670	13.4	20.9	7 30	17 57.12	-19 48.1	1.752	2.629	13.7	21.4
97091	1999 <i>VF</i> ₅₉		6 26.5	242°29'	0°9'/26.6	18	225615	2000 <i>YR</i> ₁₂₄		6 26.5	151°32'	0°1'/26.6	18
5 21	18 48.73	-20 57.7	2.020	2.860	13.5	20.1	5 21	18 51.08	-20 43.6	2.353	3.180	12.3	21.0
5 31	18 43.90	-20 53.0	1.932	2.852	10.4	19.9	5 31	18 45.33	-21 19.6	2.276	3.189	9.4	20.8
6 10	18 36.87	-20 50.6	1.867	2.845	6.8	19.6	6 10	18 37.63	-21 59.5	2.222	3.197	6.1	20.6
6 20	18 28.24	-20 49.7	1.827	2.837	2.9	19.4	6 20	18 28.53	-22 41.0	2.196	3.206	2.4	20.4
6 30	18 18.86	-20 49.6	1.814	2.828	1.7	19.3	6 30	18 18.81	-23 21.6	2.198	3.213	1.3	20.3
7 10	18 9.76	-20 49.7	1.828	2.820	5.7	19.5	7 10	18 9.38	-23 59.3	2.230	3.220	4.9	20.6
7 20	18 1.88	-20 50.2	1.869	2.812	9.5	19.7	7 20	18 1.05	-24 33.0	2.289	3.226	8.3	20.8
7 30	17 56.00	-20 51.6	1.933	2.803	12.9	19.9	7 30	17 54.52	-25 2.7	2.373	3.232	11.2	21.0
255787	2006 <i>RF</i> ₁₀₀		6 26.5	203°48'	1°9'/26.5	17	298827	2004 <i>RO</i> ₁₂₅		6 26.5	91°10'	4°3'/26.9	17
5 21	18 51.64	-20 13.7	1.702	2.546	15.4	20.6	5 21	18 50.98	-14 42.7	1.357	2.208	18.2	20.9
5 31	18 46.40	-19 45.1	1.622	2.544	12.0	20.4	5 31	18 46.28	-14 17.0	1.294	2.216	14.3	20.7
6 10	18 38.60	-19 18.4	1.564	2.541	7.9	20.2	6 10	18 38.70	-14 0.7	1.249	2.223	9.9	20.5
6 20	18 28.95	-18 53.6	1.530	2.538	3.6	19.9	6 20	18 29.05	-13 54.7	1.227	2.230	5.6	20.2
6 30	18 18.50	-18 31.1	1.522	2.535	2.5	19.8	6 30	18 18.56	-13 59.3	1.230	2.238	4.6	20.2
7 10	18 8.49	-18 11.5	1.541	2.532	6.6	20.1	7 10	18 8.66	-14 13.5	1.256	2.245	8.1	20.4
7 20	18 0.01	-17 56.0	1.585	2.528	10.9	20.3	7 20	18 0.60	-14 35.8	1.306	2.252	12.5	20.7
7 30	17 53.93	-17 45.2	1.652	2.524	14.6	20.5	7 30	17 55.28	-15 4.3	1.377	2.259	16.4	20.9
474559	2004 <i>AK</i> ₁₈		6 26.5	215°98'	1°2'/26.7	18	220994	2005 <i>NK</i> ₅₁		6 26.5	355°32'	3°2'/26.7	17
5 21	18 48.12	-19 17.6	2.399	3.228	12.0	22.7	5 21	18 46.60	-17 34.8	1.290	2.157	18.0	20.2
5 31	18 43.08	-19 18.8	2.308	3.222	9.2	22.5	5 31	18 43.22	-17 8.9	1.221	2.153	14.1	19.9
6 10	18 36.18	-19 23.4	2.240	3.215	6.1	22.3	6 10	18 36.89	-16 49.4	1.171	2.151	9.5	19.6
6 20	18 27.93	-19 30.6	2.199	3.207	2.7	22.0	6 20	18 28.37	-16 37.1	1.142	2.149	4.9	19.4
6 30	18 19.05	-19 39.6	2.186	3.199	1.7	21.9	6 30	18 18.89	-16 32.4	1.137	2.148	3.7	19.3
7 10	18 10.38	-19 49.7	2.201	3.191	5.0	22.2	7 10	18 9.91	-16 35.1	1.155	2.148	7.9	19.5
7 20	18 2.71	-20 0.4	2.243	3.182	8.3	22.3	7 20	18 2.73	-16 44.5	1.196	2.149	12.6	19.8
7 30	17 56.72	-20 11.8	2.310	3.173	11.3	22.5	7 30	17 58.32	-16 59.8	1.256	2.150	16.9	20.1
11108	Hachimantai		6 26.5	299°85'	3°1'/26.5	18	9386	Hitomi		6 26.5	271°72'	0°6'/26.6	18
5 21	18 46.20	-16 32.7	2.073	2.910	13.3	18.0	5 21	18 46.33	-21 15.7	2.568	3.401	11.2	19.0
5 31	18 41.85	-15 56.0	1.983	2.899	10.4	17.8	5 31	18 41.73	-21 15.8	2.464	3.380	8.6	18.8
6 10	18 35.50	-15 22.9	1.915	2.887	7.2	17.5	6 10	18 35.35	-21 17.7	2.384	3.360	5.7	18.6
6 20	18 27.68	-14 54.4	1.873	2.876	4.0	17.3	6 20	18 27.64	-21 20.7	2.330	3.339	2.4	18.3
6 30	18 19.18	-14 31.5	1.857	2.865	3.4	17.3	6 30	18 19.27	-21 23.9	2.304	3.319	1.3	18.2
7 10	18 10.95	-14 15.1	1.868	2.854	6.2	17.4	7 10	18 11.02	-21 27.0	2.307	3.298	4.7	18.4
7 20	18 3.82	-14 5.4	1.905	2.843	9.7	17.6	7 20	18 3.66	-21 29.8	2.336	3.276	8.0	18.6
7 30	17 58.53	-14 2.4	1.965	2.832	12.9	17.8	7 30	17 57.83	-21 32.7	2.391	3.255	11.0	18.7
220908	2005 <i>CL</i> ₅₉		6 26.5	200°63'	2°2'/26.4	18	365907	2011 <i>WC</i> ₇₁		6 26.5	215°16'	2°6'/26.2	17
5 21	18 47.98	-32 27.8	3.280	4.098	9.3	20.6	5 21	18 54.17	-27 10.2	1.593	2.440	16.2	21.6
5 31	18 42.54	-32 30.8	3.189	4.094	7.3	20.4	5 31	18 48.91	-27 51.3	1.512	2.435	12.5	21.4
6 10	18 35.60	-32 29.5	3.123	4.090	5.0	20.3	6 10	18 40.59	-28 33.2	1.452	2.430	8.4	21.1
6 20	18 27.64	-32 22.3	3.084	4.085	2.8	20.1	6 20	18 29.90	-29 11.1	1.416	2.424	4.1	20.8
6 30	18 19.25	-32 8.2	3.075	4.080	2.4	20.1	6 30	18 18.05	-29 40.5	1.406	2.418	3.2	20.8
7 10	18 11.13	-31 47.3	3.094	4.075	4.3	20.2	7 10	18 6.54	-29 58.8	1.423	2.411	7.4	21.0
7 20	18 3.87	-31 20.7	3.142	4.070	6.7	20.3	7 20	17 56.77	-30 6.2	1.463	2.404	11.8	21.2
7 30	17 58.02	-30 50.0	3.216	4.064	8.9	20.5	7 30	17 49.83	-30 5.2	1.526	2.396	15.7	21.5
429832	2012 <i>PF</i> ₂₂		6 26.5	226°61'	5°9'/27.2	18	505768	2015 <i>BL</i> ₂₂₉		6 26.5	354°40'	2°6'/26.3	17
5 21	18 47.49	- 7 10.5	2.097	2.908	14.1	21.4	5 21	18 45.86	-26 57.5	1.162	2.042	18.7	20.2
5 31	18 42.77	- 6 43.9	2.010	2.900	11.5	21.2	5 31	18 43.26	-27 26.9	1.095	2.037	14.5	20.0
6 10	18 36.08	- 6 28.4	1.945	2.893	8.8	21.0	6 10	18 37.25	-27 56.6	1.047	2.032	9.6	19.7
6 20	18 27.93	- 6 26.1	1.904	2.884	6.5	20.9	6 20	18 28.61	-28 22.1	1.019	2.029	4.5	19.4
6 30	18 19.09	- 6 37.8	1.889	2.876	6.0	20.8	6 30	18 18.76	-28 39.1	1.014	2.027	3.4	19.3
7 10	18 10.47	- 7 3.0	1.900	2.867	7.7	20.9	7 10	18 9.46	-28 45.6	1.031	2.026	8.3	19.6
7 20	18 2.90	- 7 39.9	1.937	2.858	10.5	21.1	7 20	18 2.28	-28 42.4	1.070	2.027	13.4	19.9
7 30	17 57.11	- 8 26.1	1.997	2.849	13.3	21.2	7 30	17 58.35	-28 32.2	1.128	2.028	17.8	20.1
367743	2010 <i>VC</i> ₄₇		6 26.5	301°43'	1°9'/26.5	17	206335	2003 <i>OV</i> ₂₂					

EPHEMERIDES

6 26.5

6 26.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
331742	2002 <i>TE</i> ₂₇₉		6 26.5 262°41	5°3/26.3	18		374532	2006 <i>AF</i> ₇₃		6 26.5 155°29	2°7/26.8	17	
5 21	18 50.17	-13 6.8	1.766	2.598	15.5	20.9	5 21	18 49.49	-15 38.2	2.136	2.963	13.3	21.9
5 31	18 45.32	-12 8.8	1.671	2.580	12.4	20.6	5 31	18 44.19	-15 26.6	2.060	2.970	10.4	21.7
6 10	18 38.01	-11 16.0	1.598	2.562	9.0	20.4	6 10	18 36.92	-15 20.8	2.006	2.976	7.1	21.5
6 20	18 28.81	-10 30.9	1.549	2.544	6.0	20.1	6 20	18 28.27	-15 20.8	1.978	2.981	3.8	21.3
6 30	18 18.66	-9 56.2	1.526	2.525	5.6	20.1	6 30	18 19.03	-15 26.3	1.977	2.986	3.0	21.3
7 10	18 8.72	-9 33.7	1.529	2.506	8.3	20.2	7 10	18 10.15	-15 36.7	2.004	2.991	5.8	21.4
7 20	18 0.07	-9 23.9	1.557	2.486	12.0	20.4	7 20	18 2.45	-15 51.3	2.058	2.995	9.1	21.7
7 30	17 53.62	-9 26.4	1.606	2.466	15.6	20.5	7 30	17 56.59	-16 9.4	2.136	2.998	12.2	21.9
62415	2000 <i>SA</i> ₁₈₀		6 26.5 223°66	5°1/25.6	18		508241	2015 <i>HG</i> ₃₆		6 26.5 20°72	0°5/26.4	17	
5 21	18 51.23	-38 16.6	2.597	3.411	11.6	19.5	5 21	18 47.90	-21 32.3	1.595	2.450	15.7	20.8
5 31	18 45.74	-39 5.3	2.511	3.405	9.4	19.4	5 31	18 43.82	-22 17.1	1.526	2.454	12.1	20.6
6 10	18 38.07	-39 47.6	2.448	3.398	7.1	19.2	6 10	18 37.12	-23 7.7	1.477	2.459	7.8	20.4
6 20	18 28.77	-40 19.4	2.411	3.391	5.4	19.1	6 20	18 28.46	-24 0.9	1.452	2.463	3.2	20.1
6 30	18 18.70	-40 37.4	2.401	3.384	5.3	19.1	6 30	18 18.92	-24 52.5	1.454	2.469	1.8	20.0
7 10	18 8.87	-40 40.4	2.419	3.376	6.9	19.2	7 10	18 9.78	-25 39.1	1.481	2.474	6.5	20.3
7 20	18 0.23	-40 29.4	2.462	3.368	9.2	19.3	7 20	18 2.18	-26 19.1	1.532	2.481	10.8	20.6
7 30	17 53.55	-40 7.0	2.529	3.360	11.5	19.5	7 30	17 57.04	-26 52.3	1.606	2.487	14.5	20.8
264894	2002 <i>TR</i> ₂₃		6 26.5 299°61	4°5/26.8	17		333303	2000 <i>UD</i> ₂₂		6 26.5 277°43	1°0/26.4	18	
5 21	18 47.35	-14 26.1	1.451	2.304	17.2	20.5	5 21	18 50.24	-24 4.6	1.871	2.715	14.3	20.9
5 31	18 43.82	-13 59.2	1.356	2.279	13.7	20.2	5 31	18 45.61	-24 34.5	1.769	2.691	11.1	20.7
6 10	18 37.41	-13 40.6	1.281	2.255	9.7	19.9	6 10	18 38.37	-25 7.6	1.689	2.668	7.3	20.4
6 20	18 28.69	-13 32.0	1.228	2.230	5.8	19.6	6 20	18 29.04	-25 41.0	1.633	2.643	3.1	20.1
6 30	18 18.69	-13 34.3	1.199	2.206	4.8	19.5	6 30	18 18.55	-26 11.7	1.605	2.619	2.0	20.0
7 10	18 8.77	-13 47.7	1.194	2.182	8.5	19.7	7 10	18 8.10	-26 37.1	1.603	2.594	6.4	20.2
7 20	18 0.28	-14 11.0	1.211	2.158	13.1	19.9	7 20	17 58.88	-26 56.3	1.626	2.569	10.7	20.4
7 30	17 54.39	-14 42.6	1.249	2.135	17.5	20.0	7 30	17 51.93	-27 10.1	1.673	2.543	14.5	20.6
488721	2004 <i>GY</i> ₇₆		6 26.5 209°09	20°0/15.8	18		391667	2007 <i>YD</i> ₂₈		6 26.5 24°36	1°6/26.1	16	
5 21	19 19.97	-53 9.8	1.225	2.017	23.1	20.4	5 21	18 47.60	-22 58.2	1.624	2.480	15.5	20.2
5 31	19 15.53	-57 42.1	1.176	2.014	21.3	20.2	5 31	18 43.56	-24 7.9	1.561	2.490	11.8	20.0
6 10	19 3.05	-62 0.8	1.148	2.011	20.2	20.1	6 10	18 36.92	-25 23.1	1.519	2.501	7.7	19.7
6 20	18 41.16	-65 39.0	1.140	2.008	20.1	20.1	6 20	18 28.37	-26 38.7	1.502	2.512	3.3	19.5
6 30	18 11.16	-68 10.6	1.153	2.004	21.1	20.2	6 30	18 18.97	-27 49.4	1.511	2.524	2.5	19.5
7 10	17 38.70	-69 24.1	1.183	1.999	22.7	20.3	7 10	18 9.99	-28 51.2	1.546	2.537	6.6	19.8
7 20	17 11.49	-69 28.6	1.228	1.994	24.6	20.4	7 20	18 2.56	-29 42.0	1.606	2.551	10.6	20.0
7 30	16 54.81	-68 46.8	1.284	1.989	26.4	20.5	7 30	17 57.56	-30 22.0	1.688	2.565	14.1	20.3
520383	2014 <i>HK</i> ₂₀₆		6 26.5 304°28	0°6/26.5	18		470748	2008 <i>UM</i> ₁₂₉		6 26.5 335°71	7°5/26.1	17	
5 21	18 46.96	-24 38.1	2.128	2.971	12.8	21.9	5 21	18 45.83	-9 53.1	1.513	2.356	17.1	21.0
5 31	18 42.52	-24 46.8	2.042	2.964	9.8	21.7	5 31	18 42.18	-8 32.7	1.437	2.347	14.0	20.7
6 10	18 35.98	-24 55.8	1.979	2.958	6.4	21.4	6 10	18 36.03	-7 21.0	1.380	2.339	10.7	20.5
6 20	18 27.92	-25 3.5	1.941	2.951	2.6	21.2	6 20	18 28.01	-6 22.6	1.346	2.331	8.1	20.4
6 30	18 19.17	-25 8.4	1.930	2.945	1.5	21.1	6 30	18 19.16	-5 41.7	1.336	2.324	7.8	20.3
7 10	18 10.69	-25 9.8	1.947	2.939	5.3	21.3	7 10	18 10.67	-5 20.4	1.350	2.318	10.0	20.4
7 20	18 3.39	-25 8.0	1.989	2.933	9.0	21.5	7 20	18 3.64	-5 18.5	1.385	2.312	13.4	20.6
7 30	17 57.99	-25 3.9	2.055	2.927	12.2	21.7	7 30	17 58.93	-5 33.9	1.441	2.307	16.7	20.8
292384	2006 <i>SC</i> ₂₆₃		6 26.5 299°64	5°7/26.8	16		471855	2013 <i>AV</i> ₃		6 26.5 171°67	1°6/26.9	17	
5 21	18 45.48	-8 36.1	2.102	2.920	13.8	21.1	5 21	18 47.67	-15 52.6	2.681	3.500	11.1	21.8
5 31	18 41.19	-7 52.6	2.021	2.917	11.2	20.9	5 31	18 42.52	-16 18.6	2.596	3.503	8.6	21.6
6 10	18 35.02	-7 18.4	1.962	2.913	8.5	20.8	6 10	18 35.74	-16 50.8	2.535	3.505	5.8	21.4
6 20	18 27.51	-6 55.6	1.927	2.909	6.3	20.6	6 20	18 27.79	-17 27.9	2.501	3.507	2.8	21.2
6 30	18 19.40	-6 46.0	1.918	2.906	5.8	20.6	6 30	18 19.30	-18 8.4	2.497	3.509	1.9	21.1
7 10	18 11.57	-6 49.6	1.935	2.902	7.6	20.7	7 10	18 11.00	-18 50.6	2.521	3.510	4.6	21.3
7 20	18 4.79	-7 5.5	1.978	2.899	10.3	20.8	7 20	18 3.58	-19 33.0	2.574	3.511	7.5	21.5
7 30	17 59.75	-7 31.8	2.043	2.896	13.0	21.0	7 30	17 57.62	-20 14.5	2.652	3.511	10.2	21.7
306749	2000 <i>YS</i> ₂		6 26.5 141°51	3°0/26.2	18		172391	2003 <i>AG</i> ₅₄		6 26.5 87°17	1°2/26.9	18	
5 21	18 59.46	-28 50.9	1.672	2.507	16.1	21.8	5 21	18 47.96	-16 56.8	2.134	2.967	13.1	19.8
5 31	18 52.57	-29 32.5	1.607	2.523	12.4	21.6	5 31	18 43.14	-17 33.0	2.058	2.973	10.1	19.6
6 10	18 42.69	-30 11.9	1.563	2.537	8.3	21.4	6 10	18 36.32	-18 16.5	2.005	2.980	6.7	19.4
6 20	18 30.65	-30 44.1	1.545	2.550	4.3	21.2	6 20	18 28.06	-19 5.4	1.979	2.987	3.0	19.2
6 30	18 17.76	-31 4.7	1.553	2.562	3.5	21.1	6 30	18 19.15	-19 57.2	1.979	2.993	1.8	19.1
7 10	18 5.53	-31 12.4	1.589	2.573	7.2	21.4	7 10	18 10.53	-20 49.4	2.009	3.000	5.3	19.3
7 20	17 55.23	-31 8.7	1.650	2.583	11.1	21.6	7 20	18 3.03	-21 39.8	2.065	3.007	8.8	19.6
7 30	17 47.81	-30 57.0	1.733	2.592	14.7	21.9	7 30	17 57.36	-22 27.1	2.145	3.013	11.9	19.8
241918	2002 <i>AQ</i> ₁₅₀		6 26.5 225°32	4°5/26.5	18		504090	2006 <i>DW</i>		6 26.5 207°57	9°0/25.0	17	
5 21	18 52.08	-37 48.2	2.453	3.270	12.1	20.6	5 21	19 7.95	-55 18.8	2.994	3.719	12.2	23.9
5 31	18 46.31	-38 1.7	2.368	3.265	9.7	20.4	5 31	18 59.11	-56 23.1	2.911	3.710	10.9	23.7
6 10	18 38.35	-38 7.0	2.305	3.261	7.2	20.2	6 10	18 47.02	-57 13.1	2.849	3.700	9.8	23.7
6 20	18 28.85	-38 0.6	2.268	3.256	5.0	20.1	6 20	18 32.48	-57 42.4	2.810	3.690	9.1	23.6
6 30	18 18.72	-37 40.7	2.258	3.251	4.6	20.0	6 30	18 16.80	-57 46.4	2.797	3.678	9.1	23.6
7 10	18 9.01	-37 7.3	2.276	3.245	6.4	20.1	7 10	18 1.58	-57 24.0	2.809	3.666	9.8	23.6
7 20	18 0.63	-36 22.7	2.320	3.240	9.0	20.3	7 20	17 48.30	-56 37.9	2.844	3.652	11.0	23.7
7 30	17 54.32	-35 30.6	2.388	3.234	11.6	20.4	7 30	17 38.03	-55 33.6	2.902	3.637	12.4	23.8
310586	2001 <i>UH</i> ₁₀₀		6 26.5 256°93	0°2/26.6	17		93056	2000 <i>SC</i> ₁					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
175860	1999 <i>VH</i> ₁₆		6 26.6 150°13	1°5/26.4	17		96401	1998 <i>DX</i> ₁₅		6 26.6 116°60	10°0/29.9	18	
5 21	18 54.00	-26 38.5	1.869	2.707	14.5	21.2	5 21	18 52.69	+ 5 13.8	1.867	2.623	17.5	20.0
5 31	18 48.07	-26 53.3	1.796	2.715	11.2	21.0	5 31	18 46.68	+ 5 30.4	1.809	2.644	15.1	19.8
6 10	18 39.63	-27 6.9	1.746	2.723	7.3	20.8	6 10	18 38.53	+ 5 24.0	1.769	2.664	12.7	19.7
6 20	18 29.41	-27 16.5	1.721	2.730	3.2	20.6	6 20	18 28.94	+ 4 52.1	1.752	2.683	10.7	19.6
6 30	18 18.47	-27 19.7	1.723	2.736	2.2	20.5	6 30	18 18.82	+ 3 54.3	1.759	2.702	10.0	19.6
7 10	18 8.03	-27 16.1	1.752	2.742	6.1	20.8	7 10	18 9.21	+ 2 33.8	1.791	2.720	10.7	19.7
7 20	17 59.16	-27 6.7	1.808	2.747	10.0	21.0	7 20	18 0.99	+ 0 55.9	1.848	2.737	12.6	19.9
7 30	17 52.66	-26 53.7	1.886	2.752	13.4	21.3	7 30	17 54.84	- 0 52.8	1.928	2.753	14.7	20.0
283092	2008 <i>UK</i> ₅₁		6 26.6 287°13	1°7/26.6	17		475316	2005 <i>YL</i> ₁₀₇		6 26.6 227°26	0°5/26.6	17	
5 21	18 48.23	-19 49.7	1.818	2.663	14.5	20.9	5 21	18 48.14	-25 59.3	3.025	3.849	9.9	22.5
5 31	18 43.75	-19 31.1	1.733	2.656	11.3	20.7	5 31	18 42.79	-25 49.1	2.926	3.837	7.6	22.3
6 10	18 36.92	-19 15.2	1.670	2.648	7.5	20.5	6 10	18 35.88	-25 37.1	2.851	3.825	4.9	22.1
6 20	18 28.35	-19 1.9	1.632	2.640	3.4	20.2	6 20	18 27.87	-25 22.5	2.804	3.813	2.1	21.9
6 30	18 19.00	-18 51.2	1.619	2.633	2.3	20.1	6 30	18 19.37	-25 4.7	2.786	3.800	1.2	21.8
7 10	18 9.98	-18 43.1	1.634	2.625	6.2	20.3	7 10	18 11.08	-24 44.0	2.797	3.787	4.1	22.0
7 20	18 2.29	-18 37.9	1.673	2.618	10.3	20.6	7 20	18 3.63	-24 21.2	2.837	3.773	6.9	22.2
7 30	17 56.76	-18 36.1	1.735	2.610	13.9	20.8	7 30	17 57.60	-23 57.6	2.903	3.759	9.5	22.3
225911	2002 <i>AA</i> ₅₆		6 26.6 150°00	0°9/26.7	17		501812	2014 <i>WC</i> ₅₆		6 26.6 291°28	0°8/26.5	17	
5 21	18 50.57	-20 19.6	2.115	2.947	13.2	21.4	5 21	18 50.23	-23 28.0	1.348	2.211	17.6	21.3
5 31	18 45.09	-20 21.1	2.039	2.955	10.2	21.3	5 31	18 46.50	-23 50.5	1.257	2.190	13.8	21.0
6 10	18 37.54	-20 25.6	1.987	2.962	6.6	21.0	6 10	18 39.45	-24 17.3	1.186	2.169	9.1	20.7
6 20	18 28.54	-20 32.0	1.960	2.969	2.8	20.8	6 20	18 29.66	-24 45.5	1.137	2.148	3.8	20.3
6 30	18 18.94	-20 39.1	1.961	2.976	1.6	20.7	6 30	18 18.33	-25 11.2	1.112	2.127	2.2	20.1
7 10	18 9.72	-20 46.4	1.990	2.981	5.3	21.0	7 10	18 7.10	-25 31.6	1.111	2.106	7.9	20.4
7 20	18 1.75	-20 53.7	2.046	2.987	8.9	21.2	7 20	17 57.61	-25 45.9	1.133	2.085	13.3	20.6
7 30	17 55.73	-21 1.1	2.126	2.991	12.1	21.4	7 30	17 51.18	-25 55.3	1.174	2.064	18.1	20.9
363709	2004 <i>TE</i> ₃₅₇		6 26.6 269°50	3°4/25.7	18		449657	2014 <i>KS</i> ₇₀		6 26.6 297°02	1°8/26.9	18	
5 21	18 49.14	-31 33.2	2.539	3.368	11.4	21.0	5 21	18 45.60	-16 15.9	2.238	3.072	12.6	21.0
5 31	18 44.19	-32 27.4	2.441	3.351	9.0	20.8	5 31	18 41.40	-16 34.1	2.145	3.059	9.8	20.8
6 10	18 37.14	-33 20.4	2.366	3.333	6.3	20.6	6 10	18 35.28	-16 59.5	2.073	3.047	6.6	20.6
6 20	18 28.48	-34 8.2	2.318	3.316	3.9	20.4	6 20	18 27.71	-17 31.0	2.028	3.034	3.2	20.4
6 30	18 18.95	-34 47.3	2.298	3.298	3.7	20.3	6 30	18 19.42	-18 7.4	2.010	3.022	2.2	20.3
7 10	18 9.49	-35 15.7	2.306	3.280	6.0	20.5	7 10	18 11.28	-18 46.7	2.019	3.010	5.3	20.5
7 20	18 1.01	-35 32.8	2.340	3.262	8.9	20.6	7 20	18 4.10	-19 27.4	2.055	2.998	8.8	20.6
7 30	17 54.32	-35 40.0	2.399	3.244	11.6	20.8	7 30	17 58.61	-20 8.0	2.115	2.986	11.9	20.8
115155	2003 <i>SJ</i> ₇₁		6 26.6 86°36	1°5/26.6	18		152137	2004 <i>TE</i> ₂₉₈		6 26.6 297°25	2°2/26.5	18	
5 21	18 53.66	-27 42.7	1.445	2.300	17.1	19.6	5 21	18 46.48	-18 17.9	2.361	3.193	12.0	19.7
5 31	18 48.43	-27 33.4	1.378	2.305	13.2	19.4	5 31	18 41.79	-17 43.2	2.277	3.191	9.3	19.5
6 10	18 40.14	-27 20.2	1.331	2.311	8.7	19.1	6 10	18 35.35	-17 10.7	2.216	3.189	6.3	19.3
6 20	18 29.68	-27 0.8	1.307	2.317	3.8	18.9	6 20	18 27.67	-16 40.9	2.181	3.186	3.2	19.1
6 30	18 18.39	-26 33.8	1.308	2.322	2.3	18.8	6 30	18 19.48	-16 14.7	2.174	3.184	2.5	19.1
7 10	18 7.82	-26 0.5	1.335	2.328	7.1	19.1	7 10	18 11.60	-15 52.8	2.195	3.182	5.3	19.3
7 20	17 59.25	-25 23.6	1.386	2.334	11.7	19.4	7 20	18 4.75	-15 35.7	2.243	3.180	8.4	19.4
7 30	17 53.60	-24 46.8	1.458	2.339	15.7	19.6	7 30	17 59.53	-15 23.9	2.315	3.178	11.3	19.6
203684	2002 <i>NM</i> ₂₅		6 26.6 328°86	2°2/26.6	18		379228	2009 <i>SN</i> ₂₃₃		6 26.6 282°11	9°6/26.5	17	
5 21	18 47.18	-29 15.1	1.479	2.342	16.3	18.9	5 21	18 47.17	- 3 7.7	1.676	2.488	17.0	21.0
5 31	18 43.78	-29 7.9	1.391	2.322	12.8	18.6	5 31	18 43.08	- 1 52.5	1.591	2.474	14.5	20.8
6 10	18 37.38	-28 55.5	1.323	2.304	8.6	18.3	6 10	18 36.60	- 0 50.8	1.527	2.459	11.9	20.6
6 20	18 28.68	-28 35.1	1.277	2.286	4.1	18.0	6 20	18 28.31	- 0 7.8	1.484	2.445	10.0	20.4
6 30	18 18.86	-28 5.2	1.256	2.270	2.8	17.9	6 30	18 19.11	+ 0 12.3	1.465	2.430	9.7	20.4
7 10	18 9.40	-27 26.3	1.260	2.254	7.3	18.1	7 10	18 10.12	+ 0 8.0	1.469	2.416	11.3	20.4
7 20	18 1.67	-26 41.3	1.287	2.239	12.0	18.3	7 20	18 2.39	+ 0 19.2	1.496	2.401	14.0	20.6
7 30	17 56.73	-25 54.3	1.334	2.225	16.3	18.5	7 30	17 56.81	- 1 5.8	1.542	2.387	16.9	20.7
174506	2003 <i>BK</i> ₅₈		6 26.6 107°46	2°8/26.5	18		368684	2005 <i>RB</i> ₆		6 26.6 309°44	3°4/26.1	18	
5 21	18 50.29	-31 48.4	2.168	3.003	12.9	20.3	5 21	18 45.82	-34 25.2	2.813	3.640	10.5	20.3
5 31	18 45.04	-31 55.0	2.090	3.005	10.0	20.1	5 31	18 41.40	-34 48.8	2.714	3.621	8.3	20.1
6 10	18 37.58	-31 56.4	2.035	3.007	6.8	19.9	6 10	18 35.19	-35 7.9	2.638	3.602	5.9	20.0
6 20	18 28.58	-31 50.0	2.005	3.009	3.8	19.8	6 20	18 27.65	-35 19.8	2.588	3.583	3.9	19.8
6 30	18 18.97	-31 34.3	2.003	3.011	3.1	19.7	6 30	18 19.47	-35 22.6	2.566	3.564	3.6	19.7
7 10	18 9.80	-31 9.5	2.028	3.013	5.8	19.9	7 10	18 11.47	-35 15.6	2.571	3.546	5.5	19.8
7 20	18 2.00	-30 37.5	2.079	3.014	9.1	20.1	7 20	18 4.40	-34 59.4	2.603	3.528	8.0	20.0
7 30	17 56.28	-30 1.0	2.153	3.016	12.0	20.3	7 30	17 58.92	-34 35.9	2.659	3.510	10.4	20.1
18366	1991 <i>DG</i> ₁		6 26.6 192°59	1°9/26.8	18		280095	2002 <i>EV</i> ₇₅		6 26.6 58°59	8°9/27.7	17	
5 21	18 46.08	-16 35.6	2.752	3.574	10.8	19.1	5 21	18 48.63	- 3 23.8	1.578	2.393	17.8	20.4
5 31	18 41.27	-16 29.5	2.664	3.573	8.4	19.0	5 31	18 43.82	- 2 22.1	1.532	2.417	14.8	20.3
6 10	18 34.92	-16 27.5	2.601	3.571	5.6	18.8	6 10	18 36.76	- 1 38.1	1.506	2.442	11.8	20.1
6 20	18 27.48	-16 29.4	2.564	3.569	2.9	18.6	6 20	18 28.23	- 1 15.2	1.502	2.467	9.5	20.1
6 30	18 19.56	-16 35.0	2.556	3.566	2.2	18.6	6 30	18 19.24	- 1 15.3	1.521	2.492	8.9	20.1
7 10	18 11.86	-16 43.7	2.576	3.563	4.6	18.7	7 10	18 10.90	- 1 37.1	1.564	2.517	10.3	20.2
7 20	18 5.00	-16 55.2	2.624	3.560	7.4	18.9	7 20	18 4.10	- 2 17.1	1.630	2.542	12.7	20.4
7 30	17 59.54	-17 9.0	2.697	3.556	10.0	19.1	7 30	17 59.50	- 3 10.7	1.717	2.567	15.2	20.7

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
260486	2005 <i>CC</i> ₅₁	6 26.6 163°25		0°3/26.6 17			227393	2005 <i>UL</i> ₃₄₅	6 26.6 96°13		0°3/26.5 17		
5 21	18 54.06	-24 2.1	1.835	2.673	14.7	21.7	5 21	18 50.78	-22 38.6	1.754	2.600	15.0	20.7
5 31	18 48.15	-24 6.0	1.759	2.678	11.3	21.5	5 31	18 45.72	-22 59.3	1.687	2.610	11.5	20.5
6 10	18 39.73	-24 10.3	1.706	2.683	7.4	21.2	6 10	18 38.20	-23 22.7	1.641	2.620	7.4	20.3
6 20	18 29.51	-24 13.0	1.677	2.688	3.0	21.0	6 20	18 28.93	-23 46.4	1.620	2.630	3.0	20.1
6 30	18 18.55	-24 12.5	1.676	2.691	1.6	20.9	6 30	18 18.94	-24 8.0	1.625	2.640	1.6	20.0
7 10	18 8.05	-24 8.2	1.703	2.694	6.0	21.2	7 10	18 9.43	-24 25.9	1.657	2.650	6.0	20.3
7 20	17 59.10	-24 1.0	1.755	2.697	10.1	21.4	7 20	18 1.44	-24 39.9	1.715	2.660	10.0	20.5
7 30	17 52.52	-23 52.5	1.831	2.698	13.6	21.7	7 30	17 55.78	-24 50.6	1.795	2.669	13.5	20.8
500057	2011 <i>UB</i> ₁₆₃	6 26.6 305°15		0°4/26.6 17			204937	2008 <i>UF</i> ₁₅₆	6 26.6 197°24		2°1/26.3 17		
5 21	18 48.80	-24 13.9	1.166	2.041	19.0	20.9	5 21	18 50.24	-27 9.6	1.956	2.798	13.8	21.4
5 31	18 45.87	-24 10.5	1.077	2.016	14.9	20.6	5 31	18 45.31	-27 43.4	1.877	2.797	10.6	21.2
6 10	18 39.31	-24 7.9	1.006	1.991	9.9	20.3	6 10	18 37.98	-28 17.0	1.820	2.796	7.0	21.0
6 20	18 29.70	-24 3.7	0.955	1.967	4.1	19.8	6 20	18 28.87	-28 47.1	1.788	2.795	3.4	20.7
6 30	18 18.37	-23 55.9	0.928	1.943	2.2	19.6	6 30	18 18.95	-29 10.6	1.783	2.795	2.6	20.7
7 10	18 7.16	-23 43.5	0.922	1.919	8.5	19.9	7 10	18 9.36	-29 26.0	1.805	2.793	6.1	20.9
7 20	17 57.92	-23 28.0	0.938	1.896	14.5	20.2	7 20	18 1.13	-29 33.2	1.853	2.792	9.8	21.1
7 30	17 52.10	-23 12.0	0.972	1.874	19.9	20.4	7 30	17 55.12	-29 33.9	1.924	2.791	13.1	21.3
119068	2001 <i>KC</i> ₇₇	6 26.6 16°58		0°2/26.2 05 C			260133	2004 <i>PR</i> ₁₀₅	6 26.6 325°09		0°7/26.6 18		
5 21	18 25.75	-31 18.4	36.634	37.456	0.9	22.5	5 21	18 47.95	-26 34.1	2.074	2.917	13.1	20.0
5 31	18 24.92	-31 20.5	36.553	37.461	0.7	22.5	5 31	18 43.33	-26 18.8	1.989	2.910	10.1	19.8
6 10	18 24.00	-31 22.4	36.498	37.466	0.5	22.5	6 10	18 36.56	-26 0.8	1.926	2.904	6.6	19.5
6 20	18 23.01	-31 23.9	36.471	37.472	0.3	22.4	6 20	18 28.26	-25 39.1	1.888	2.898	2.8	19.3
6 30	18 22.00	-31 25.0	36.472	37.477	0.2	22.4	6 30	18 19.30	-25 13.1	1.878	2.892	1.6	19.2
7 10	18 21.00	-31 25.6	36.502	37.483	0.4	22.5	7 10	18 10.71	-24 43.6	1.895	2.887	5.4	19.4
7 20	18 20.05	-31 25.9	36.560	37.488	0.6	22.5	7 20	18 3.39	-24 12.1	1.937	2.882	9.1	19.6
7 30	18 19.19	-31 25.8	36.645	37.493	0.9	22.5	7 30	17 58.06	-23 40.7	2.004	2.877	12.4	19.8
229476	2005 <i>UU</i> ₂₉₆	6 26.6 154°38		4°5/25.8 18			261122	2005 <i>TC</i> ₁₈	6 26.6 260°95		1°0/26.7 18		
5 21	18 53.73	-32 41.7	1.912	2.747	14.3	21.1	5 21	18 47.15	-19 42.5	2.626	3.454	11.1	22.0
5 31	18 48.18	-33 38.8	1.839	2.751	11.3	20.9	5 31	18 42.37	-19 44.9	2.520	3.433	8.6	21.8
6 10	18 39.93	-34 32.3	1.788	2.755	8.0	20.7	6 10	18 35.83	-19 50.2	2.437	3.411	5.7	21.6
6 20	18 29.67	-35 16.7	1.762	2.759	5.1	20.6	6 20	18 27.97	-19 57.7	2.381	3.389	2.5	21.3
6 30	18 18.50	-35 47.7	1.763	2.762	4.8	20.5	6 30	18 19.43	-20 6.6	2.353	3.367	1.5	21.2
7 10	18 7.71	-36 3.1	1.790	2.765	7.4	20.7	7 10	18 10.98	-20 16.3	2.354	3.344	4.7	21.4
7 20	17 58.51	-36 4.0	1.843	2.768	10.7	20.9	7 20	18 3.37	-20 26.5	2.383	3.321	7.9	21.6
7 30	17 51.82	-35 53.5	1.918	2.770	13.7	21.1	7 30	17 57.26	-20 37.0	2.436	3.298	10.9	21.7
521278	2015 <i>HT</i> ₁₉₄	6 26.6 260°08		7°6/27.0 18			207649	2007 <i>MX</i> ₅	6 26.6 207°06		0°3/26.6 17		
5 21	18 45.78	- 2 26.7	2.224	3.017	14.0	21.8	5 21	18 53.40	-20 39.9	1.656	2.498	15.9	21.2
5 31	18 41.43	- 1 38.0	2.135	3.004	11.8	21.7	5 31	18 48.10	-21 5.7	1.573	2.494	12.3	21.0
6 10	18 35.25	- 1 1.7	2.066	2.991	9.7	21.5	6 10	18 40.01	-21 37.3	1.511	2.490	8.0	20.7
6 20	18 27.71	- 0 40.8	2.022	2.978	8.0	21.4	6 20	18 29.78	-22 12.1	1.474	2.484	3.3	20.4
6 30	18 19.52	- 0 37.5	2.002	2.965	7.7	21.3	6 30	18 18.49	-22 46.9	1.463	2.478	1.7	20.3
7 10	18 11.50	- 0 52.2	2.009	2.952	8.9	21.4	7 10	18 7.49	-23 19.1	1.479	2.472	6.6	20.6
7 20	18 4.43	- 1 23.3	2.039	2.939	11.1	21.5	7 20	17 58.03	-23 47.6	1.521	2.465	11.1	20.9
7 30	17 58.98	- 2 8.2	2.092	2.925	13.5	21.6	7 30	17 51.12	-24 12.4	1.584	2.457	15.1	21.1
114452	2003 <i>AE</i> ₂₅	6 26.6 281°39		1°2/26.8 18			212531	2006 <i>RD</i> ₇₇	6 26.6 300°28		1°2/26.7 18		
5 21	18 49.49	-18 48.0	1.637	2.485	15.7	19.1	5 21	18 47.03	-19 38.9	2.023	2.864	13.4	20.6
5 31	18 45.26	-19 6.4	1.542	2.466	12.3	18.8	5 31	18 42.65	-19 40.0	1.939	2.860	10.4	20.4
6 10	18 38.29	-19 32.4	1.467	2.446	8.2	18.5	6 10	18 36.15	-19 45.1	1.878	2.855	6.8	20.2
6 20	18 29.12	-20 4.5	1.416	2.426	3.6	18.2	6 20	18 28.12	-19 53.1	1.842	2.851	3.0	19.9
6 30	18 18.73	-20 40.3	1.391	2.406	2.0	18.1	6 30	18 19.39	-20 3.2	1.832	2.847	1.8	19.8
7 10	18 8.43	-21 17.4	1.392	2.386	6.8	18.3	7 10	18 10.94	-20 14.5	1.850	2.842	5.5	20.1
7 20	17 59.49	-21 53.8	1.418	2.365	11.5	18.5	7 20	18 3.66	-20 26.6	1.894	2.838	9.3	20.3
7 30	17 52.99	-22 28.5	1.465	2.345	15.7	18.7	7 30	17 58.31	-20 39.2	1.961	2.834	12.6	20.5
182639	2001 <i>UM</i> ₁₅₅	6 26.6 206°91		0°5/26.6 18			490052	2008 <i>TY</i> ₇₄	6 26.6 288°75		1°0/26.7 17		
5 21	18 47.50	-21 10.4	2.892	3.716	10.3	21.9	5 21	18 48.51	-20 59.8	1.765	2.613	14.8	21.7
5 31	18 42.37	-21 17.5	2.798	3.710	7.9	21.7	5 31	18 44.26	-20 54.5	1.670	2.595	11.5	21.5
6 10	18 35.67	-21 26.5	2.729	3.703	5.1	21.6	6 10	18 37.48	-20 52.0	1.597	2.576	7.6	21.2
6 20	18 27.83	-21 36.4	2.686	3.696	2.1	21.3	6 20	18 28.75	-20 51.5	1.548	2.558	3.3	20.9
6 30	18 19.48	-21 46.3	2.673	3.688	1.2	21.2	6 30	18 19.03	-20 52.0	1.525	2.540	1.9	20.8
7 10	18 11.30	-21 55.5	2.690	3.680	4.2	21.5	7 10	18 9.49	-20 53.0	1.528	2.521	6.3	21.0
7 20	18 3.95	-22 3.9	2.734	3.671	7.1	21.6	7 20	18 1.27	-20 54.5	1.556	2.503	10.7	21.2
7 30	17 57.99	-22 11.6	2.804	3.662	9.7	21.8	7 30	17 55.32	-20 57.0	1.607	2.485	14.6	21.4
370263	2002 <i>QJ</i> ₂₉	6 26.6 267°51		3°9/26.2 18			408350	2013 <i>GS</i> ₈₄	6 26.6 349°66		1°2/26.8 17		
5 21	18 53.75	-31 20.7	1.725	2.567	15.3	21.5	5 21	18 47.64	-18 39.0	1.159	2.032	19.2	19.9
5 31	18 48.72	-31 54.6	1.628	2.546	12.1	21.2	5 31	18 44.55	-19 4.1	1.091	2.028	14.9	19.7
6 10	18 40.63	-32 25.5	1.552	2.525	8.4	20.9	6 10	18 38.13	-19 39.8	1.040	2.024	9.9	19.4
6 20	18 30.10	-32 48.6	1.500	2.503	4.9	20.7	6 20	18 29.13	-20 23.7	1.011	2.022	4.2	19.0
6 30	18 18.23	-32 59.2	1.474	2.481	4.3	20.6	6 30	18 18.86	-21 12.0	1.004	2.019	2.3	18.9
7 10	18 6.53	-32 55.3	1.475	2.458	7.7	20.7	7 10	18 9.04	-22 0.6	1.021	2.018	7.9	19.2
7 20	17 56.41	-32 38.2	1.499	2.435	11.9	20.9	7 20	18 1.19	-22 46.5	1.059	2.017	13.3	19.5
7 30	17 49.05	-32 11.4	1.546	2.412	15.8	21.1	7 30	17 56.51	-23 28.2	1.117	2.017	18.0	19.8
92911	2000 <i>RN</i> ₁₀	6 26.6											

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
505579	2014 <i>BM</i> ₃₉		6 26.6 161 ^o .12		3 ^o .0/26.4	18	494417	2016 <i>UF</i> ₇₄		6 26.6 256 ^o .48		4 ^o .9/25.8	18
5 21	18 52.98	-33 15.1	2.626	3.444	11.4	22.2	5 21	18 50.58	-36 6.4	2.290	3.116	12.6	21.6
5 31	18 46.74	-33 30.0	2.548	3.451	8.9	22.0	5 31	18 45.51	-36 55.3	2.208	3.111	10.1	21.4
6 10	18 38.56	-33 39.7	2.493	3.458	6.2	21.9	6 10	18 38.11	-37 38.6	2.148	3.107	7.4	21.3
6 20	18 29.04	-33 41.4	2.465	3.463	3.7	21.7	6 20	18 28.98	-38 12.0	2.114	3.102	5.3	21.1
6 30	18 18.99	-33 33.5	2.465	3.469	3.2	21.7	6 30	18 19.02	-38 31.9	2.107	3.098	5.1	21.1
7 10	18 9.34	-33 16.0	2.495	3.473	5.4	21.8	7 10	18 9.35	-38 36.9	2.127	3.093	7.1	21.2
7 20	18 0.90	-32 50.3	2.552	3.477	8.1	22.0	7 20	18 0.98	-38 28.1	2.172	3.088	9.7	21.4
7 30	17 54.30	-32 19.0	2.633	3.480	10.6	22.2	7 30	17 54.72	-38 8.1	2.240	3.084	12.3	21.5
67269	2000 <i>FF</i> ₅		6 26.6 164 ^o .84		2 ^o .3/26.1	18	120772	1998 <i>DM</i> ₁₅		6 26.6 92 ^o .59		1 ^o .3/26.5	18
5 21	18 53.63	-26 5.8	1.906	2.743	14.3	19.1	5 21	18 52.86	-25 21.2	1.857	2.697	14.5	19.8
5 31	18 48.01	-27 4.9	1.829	2.747	11.0	18.9	5 31	18 47.11	-25 46.2	1.798	2.718	11.1	19.6
6 10	18 39.82	-28 6.2	1.775	2.751	7.3	18.7	6 10	18 38.99	-26 11.2	1.762	2.739	7.2	19.4
6 20	18 29.68	-29 4.9	1.747	2.754	3.5	18.4	6 20	18 29.25	-26 33.4	1.750	2.760	3.1	19.2
6 30	18 18.62	-29 56.4	1.746	2.756	2.9	18.4	6 30	18 18.94	-26 50.2	1.766	2.780	2.0	19.2
7 10	18 7.85	-30 37.6	1.773	2.758	6.4	18.6	7 10	18 9.21	-27 0.7	1.810	2.800	5.8	19.5
7 20	17 58.52	-31 7.9	1.826	2.760	10.2	18.9	7 20	18 1.04	-27 5.2	1.879	2.820	9.6	19.7
7 30	17 51.54	-31 28.5	1.902	2.761	13.5	19.1	7 30	17 55.18	-27 5.3	1.971	2.839	12.8	20.0
146817	2001 <i>YR</i> ₁₀₈		6 26.6 255 ^o .25		1 ^o .4/26.3	18	88211	2000 <i>YH</i> ₁₃₀		6 26.6 246 ^o .39		0 ^o .1/26.6	18
5 21	18 48.19	-25 19.9	2.228	3.067	12.5	20.0	5 21	18 47.15	-21 56.1	2.442	3.276	11.7	20.0
5 31	18 43.49	-25 53.9	2.142	3.062	9.6	19.8	5 31	18 42.49	-22 22.4	2.351	3.268	8.9	19.8
6 10	18 36.71	-26 29.3	2.080	3.057	6.3	19.6	6 10	18 35.96	-22 51.8	2.284	3.261	5.8	19.6
6 20	18 28.38	-27 3.2	2.043	3.052	2.8	19.4	6 20	18 28.07	-23 22.4	2.243	3.253	2.4	19.4
6 30	18 19.31	-27 33.2	2.034	3.047	2.0	19.3	6 30	18 19.50	-23 52.3	2.230	3.245	1.2	19.3
7 10	18 10.46	-27 57.4	2.053	3.042	5.4	19.5	7 10	18 11.11	-24 19.9	2.246	3.237	4.8	19.5
7 20	18 2.73	-28 15.4	2.098	3.037	8.8	19.7	7 20	18 3.68	-24 44.4	2.289	3.229	8.1	19.7
7 30	17 56.87	-28 27.8	2.167	3.032	11.9	19.9	7 30	17 57.88	-25 5.8	2.356	3.221	11.1	19.9
128594	2004 <i>QJ</i> ₈		6 26.6 263 ^o .19		8 ^o .3/25.1	17	313326	2002 <i>EJ</i> ₁₆₂		6 26.6 150 ^o .76		4 ^o .3/27.1	17
5 21	18 56.29	-41 57.1	1.894	2.711	15.1	19.7	5 21	18 50.52	-13 15.6	1.520	2.362	17.1	21.5
5 31	18 50.90	-43 11.4	1.807	2.696	12.7	19.5	5 31	18 45.82	-12 59.7	1.448	2.364	13.5	21.3
6 10	18 42.18	-44 16.9	1.741	2.681	10.2	19.3	6 10	18 38.46	-12 54.0	1.397	2.366	9.5	21.0
6 20	18 30.80	-45 6.0	1.699	2.665	8.5	19.2	6 20	18 29.14	-12 59.6	1.368	2.369	5.6	20.8
6 30	18 18.00	-45 31.9	1.682	2.649	8.5	19.1	6 30	18 18.96	-13 16.1	1.364	2.371	4.6	20.7
7 10	18 5.43	-45 31.9	1.689	2.633	10.3	19.2	7 10	18 9.21	-13 42.2	1.386	2.372	7.8	20.9
7 20	17 54.68	-45 8.0	1.720	2.617	13.0	19.3	7 20	18 1.05	-14 15.9	1.431	2.374	11.8	21.2
7 30	17 46.97	-44 25.6	1.772	2.600	15.7	19.5	7 30	17 55.38	-14 54.9	1.498	2.375	15.6	21.4
203892	2003 <i>FR</i> ₆₁		6 26.6 58 ^o .26		3 ^o .7/27.2	17	443345	2014 <i>GZ</i> ₁₇		6 26.6 47 ^o .03		0 ^o .1/26.6	17
5 21	18 50.46	-14 17.0	1.229	2.088	19.3	20.0	5 21	18 47.87	-23 7.6	1.894	2.741	14.0	20.9
5 31	18 46.22	-14 22.4	1.172	2.098	15.1	19.8	5 31	18 43.28	-23 6.4	1.829	2.753	10.7	20.7
6 10	18 38.89	-14 40.9	1.132	2.109	10.3	19.5	6 10	18 36.51	-23 6.2	1.786	2.765	6.9	20.5
6 20	18 29.33	-15 11.7	1.114	2.120	5.5	19.3	6 20	18 28.26	-23 5.8	1.768	2.778	2.8	20.2
6 30	18 18.86	-15 52.6	1.120	2.131	4.0	19.3	6 30	18 19.45	-23 4.2	1.776	2.791	1.4	20.2
7 10	18 9.03	-16 40.2	1.150	2.142	8.0	19.5	7 10	18 11.13	-23 1.1	1.812	2.805	5.5	20.5
7 20	18 1.17	-17 31.1	1.202	2.154	12.7	19.8	7 20	18 4.19	-22 56.9	1.872	2.818	9.3	20.7
7 30	17 56.24	-18 22.5	1.275	2.166	16.9	20.1	7 30	17 59.32	-22 52.3	1.956	2.832	12.5	21.0
429177	2009 <i>VB</i> ₈₂		6 26.6 43 ^o .05		2 ^o .7/26.7	18	362406	2010 <i>PG</i> ₄		6 26.6 205 ^o .70		5 ^o .7/24.8	18
5 21	18 49.11	-18 9.7	1.604	2.453	16.0	20.5	5 21	18 52.32	-39 16.1	2.657	3.467	11.5	20.9
5 31	18 44.57	-17 39.2	1.534	2.457	12.4	20.3	5 31	18 46.75	-40 33.4	2.577	3.464	9.4	20.8
6 10	18 37.53	-17 13.0	1.485	2.461	8.3	20.1	6 10	18 38.90	-41 45.0	2.520	3.462	7.4	20.6
6 20	18 28.72	-16 51.7	1.459	2.466	4.2	19.9	6 20	18 29.32	-42 45.8	2.489	3.459	5.9	20.5
6 30	18 19.18	-16 35.8	1.459	2.470	3.2	19.8	6 30	18 18.84	-43 31.6	2.486	3.456	6.0	20.5
7 10	18 10.15	-16 25.7	1.485	2.475	6.9	20.0	7 10	18 8.50	-44 0.3	2.511	3.453	7.4	20.6
7 20	18 2.67	-16 21.7	1.535	2.480	11.0	20.3	7 20	17 59.29	-44 12.3	2.561	3.450	9.5	20.8
7 30	17 57.55	-16 23.4	1.607	2.485	14.6	20.5	7 30	17 52.05	-44 10.2	2.634	3.447	11.6	20.9
58991	1998 <i>SJ</i> ₄		6 26.6 230 ^o .87		0 ^o .9/26.5	18	368413	2002 <i>TB</i> ₁₈₉		6 26.6 289 ^o .07		4 ^o .2/26.5	17
5 21	18 52.60	-24 58.8	2.008	2.844	13.7	20.3	5 21	18 49.53	-15 56.5	1.558	2.405	16.5	21.1
5 31	18 47.14	-25 13.3	1.914	2.832	10.6	20.0	5 31	18 45.41	-15 15.4	1.458	2.378	13.1	20.8
6 10	18 39.23	-25 28.3	1.842	2.819	7.0	19.8	6 10	18 38.48	-14 38.6	1.378	2.351	9.2	20.5
6 20	18 29.46	-25 41.5	1.796	2.806	2.9	19.5	6 20	18 29.29	-14 7.9	1.321	2.324	5.4	20.2
6 30	18 18.75	-25 50.6	1.777	2.791	1.8	19.4	6 30	18 18.83	-13 45.0	1.289	2.296	4.5	20.1
7 10	18 8.26	-25 54.4	1.786	2.777	5.9	19.6	7 10	18 8.44	-13 31.3	1.282	2.269	8.2	20.2
7 20	17 59.05	-25 53.4	1.821	2.761	9.9	19.8	7 20	17 59.43	-13 27.3	1.298	2.241	12.8	20.4
7 30	17 52.03	-25 48.9	1.880	2.745	13.4	20.0	7 30	17 52.90	-13 32.9	1.336	2.213	17.1	20.6
50605	2000 <i>EJ</i> ₅₅		6 26.6 193 ^o .58		2 ^o .2/26.9	18	112905	2002 <i>QD</i> ₅₄		6 26.6 10 ^o .36		4 ^o .9/27.3	17
5 21	18 47.50	-16 16.2	2.121	2.953	13.2	19.1	5 21	18 46.96	-12 26.0	1.285	2.143	18.6	20.0
5 31	18 42.86	-16 20.7	2.039	2.953	10.3	18.9	5 31	18 43.51	-12 14.2	1.219	2.144	14.8	19.7
6 10	18 36.23	-16 31.6	1.980	2.952	6.9	18.6	6 10	18 37.17	-12 15.9	1.172	2.145	10.5	19.5
6 20	18 28.17	-16 48.2	1.946	2.951	3.5	18.4	6 20	18 28.68	-12 32.2	1.146	2.147	6.3	19.2
6 30	18 19.45	-17 9.7	1.939	2.951	2.5	18.4	6 30	18 19.23	-13 2.5	1.143	2.150	5.1	19.2
7 10	18 11.00	-17 34.8	1.960	2.950	5.6	18.6	7 10	18 10.26	-13 44.5	1.164	2.154	8.4	19.4
7 20	18 3.67	-18 2.2	2.007	2.948	9.0	18.8	7 20	18 3.04	-14 34.6	1.207	2.158	12.8	19.6
7 30	17 58.14	-18 30.9	2.078	2.947	12.2	19.0							

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
31548	1999 <i>DV</i> ₆		6 26.6 168°58	4.4/25.5	18		81638	2000 <i>HX</i> ₇₈		6 26.6 323°18	3.5/27.6	18	
5 21	18 53.43	-30 33.1	1.839	2.678	14.7	17.1	5 21	18 47.38	-11 51.1	1.398	2.248	17.8	18.6
5 31	18 48.18	-31 52.6	1.764	2.680	11.5	16.9	5 31	18 43.97	-12 30.3	1.313	2.234	14.2	18.3
6 10	18 40.12	-33 11.7	1.710	2.681	8.0	16.7	6 10	18 37.65	-13 27.9	1.248	2.221	9.9	18.1
6 20	18 29.90	-34 24.2	1.682	2.681	5.0	16.5	6 20	18 29.02	-14 43.0	1.205	2.209	5.4	17.8
6 30	18 18.59	-35 24.3	1.681	2.682	4.8	16.5	6 30	18 19.10	-16 12.1	1.186	2.197	3.7	17.6
7 10	18 7.54	-36 8.2	1.707	2.683	7.7	16.7	7 10	18 9.31	-17 49.5	1.193	2.186	7.7	17.8
7 20	17 58.02	-36 35.6	1.758	2.683	11.1	16.9	7 20	18 1.01	-19 28.8	1.223	2.176	12.4	18.1
7 30	17 51.06	-36 48.8	1.831	2.683	14.3	17.1	7 30	17 55.36	-21 4.9	1.275	2.166	16.8	18.3
171319	2006 <i>HJ</i> ₇₅		6 26.6 255°41	4.1/27.4	18		57627	2001 <i>TO</i> ₁₆₈		6 26.6 262°31	0.6/26.6	18	
5 21	18 50.13	-12 20.4	1.495	2.337	17.3	20.5	5 21	18 49.11	-25 56.9	2.194	3.031	12.7	19.5
5 31	18 45.77	-12 28.9	1.415	2.330	13.8	20.3	5 31	18 44.15	-25 44.9	2.106	3.024	9.7	19.3
6 10	18 38.61	-12 50.9	1.354	2.324	9.7	20.0	6 10	18 37.11	-25 31.0	2.040	3.018	6.4	19.0
6 20	18 29.30	-13 26.6	1.315	2.317	5.6	19.8	6 20	18 28.58	-25 13.8	2.001	3.011	2.6	18.8
6 30	18 18.91	-14 14.4	1.302	2.310	4.3	19.7	6 30	18 19.40	-24 52.9	1.989	3.004	1.4	18.7
7 10	18 8.78	-15 11.3	1.314	2.303	7.7	19.9	7 10	18 10.55	-24 28.7	2.005	2.997	5.2	18.9
7 20	18 0.16	-16 13.6	1.350	2.296	12.1	20.1	7 20	18 2.89	-24 2.5	2.048	2.990	8.8	19.1
7 30	17 54.10	-17 17.9	1.408	2.289	16.2	20.3	7 30	17 57.15	-23 36.0	2.114	2.983	12.0	19.3
275724	2001 <i>AG</i> ₂₃		6 26.6 283°28	1.0/26.8	18		171759	2000 <i>YR</i> ₉₂		6 26.6 117°00	0.6/26.6	17	
5 21	18 48.79	-18 6.1	1.800	2.643	14.8	19.8	5 21	18 54.50	-24 24.1	1.692	2.534	15.6	20.9
5 31	18 44.45	-18 38.9	1.710	2.630	11.5	19.6	5 31	18 48.62	-24 31.1	1.628	2.549	11.9	20.7
6 10	18 37.63	-19 20.2	1.640	2.618	7.6	19.3	6 10	18 40.12	-24 38.4	1.586	2.564	7.7	20.5
6 20	18 28.89	-20 8.1	1.596	2.605	3.3	19.0	6 20	18 29.80	-24 43.6	1.568	2.578	3.2	20.2
6 30	18 19.13	-20 59.5	1.578	2.593	1.8	18.9	6 30	18 18.81	-24 44.9	1.577	2.592	1.7	20.2
7 10	18 9.51	-21 51.5	1.587	2.580	6.2	19.1	7 10	18 8.45	-24 41.9	1.613	2.605	6.2	20.5
7 20	18 1.14	-22 41.5	1.621	2.567	10.4	19.4	7 20	17 59.80	-24 35.5	1.674	2.617	10.3	20.8
7 30	17 54.96	-23 28.1	1.679	2.555	14.2	19.6	7 30	17 53.66	-24 27.4	1.758	2.629	13.9	21.0
477029	2009 <i>AP</i> ₁₀		6 26.6 243°78	1.3/26.5	17		320515	2007 <i>YA</i> ₃		6 26.6 147°21	1.2/26.5	17	
5 21	18 49.89	-26 37.8	2.058	2.897	13.3	21.8	5 21	18 54.60	-26 2.6	1.890	2.726	14.5	22.0
5 31	18 44.94	-26 45.4	1.971	2.891	10.3	21.6	5 31	18 48.56	-26 14.4	1.818	2.736	11.1	21.8
6 10	18 37.72	-26 51.8	1.907	2.884	6.7	21.4	6 10	18 40.04	-26 25.4	1.768	2.745	7.2	21.6
6 20	18 28.84	-26 54.7	1.869	2.878	3.0	21.2	6 20	18 29.78	-26 32.7	1.744	2.753	3.1	21.3
6 30	18 19.20	-26 52.6	1.857	2.871	1.9	21.1	6 30	18 18.82	-26 34.6	1.747	2.761	1.9	21.3
7 10	18 9.88	-26 45.0	1.873	2.864	5.6	21.3	7 10	18 8.36	-26 30.4	1.778	2.768	5.9	21.5
7 20	18 1.83	-26 32.6	1.915	2.857	9.4	21.5	7 20	17 59.46	-26 21.1	1.835	2.775	9.8	21.8
7 30	17 55.86	-26 17.3	1.980	2.849	12.7	21.7	7 30	17 52.90	-26 8.8	1.915	2.781	13.2	22.0
292205	2006 <i>SL</i> ₃₅		6 26.6 285°68	1.7/26.3	18		301105	2008 <i>VB</i> ₆₇		6 26.6 160°85	3.7/26.7	17	
5 21	18 50.73	-24 24.2	1.507	2.363	16.5	20.5	5 21	18 52.73	-16 14.1	1.498	2.342	17.2	21.3
5 31	18 46.60	-25 8.5	1.419	2.347	12.8	20.3	5 31	18 47.57	-15 41.4	1.426	2.345	13.4	21.1
6 10	18 39.40	-25 57.6	1.351	2.332	8.5	20.0	6 10	18 39.63	-15 15.0	1.375	2.348	9.2	20.9
6 20	18 29.72	-26 47.4	1.307	2.317	3.7	19.7	6 20	18 29.67	-14 55.7	1.347	2.351	5.1	20.6
6 30	18 18.69	-27 32.9	1.288	2.302	2.6	19.5	6 30	18 18.87	-14 44.4	1.344	2.353	4.0	20.6
7 10	18 7.81	-28 10.5	1.294	2.286	7.4	19.8	7 10	18 8.58	-14 41.3	1.367	2.355	7.7	20.8
7 20	17 58.53	-28 38.6	1.324	2.271	12.2	20.0	7 20	17 59.99	-14 45.9	1.414	2.357	12.0	21.0
7 30	17 52.05	-28 58.2	1.376	2.256	16.5	20.2	7 30	17 54.01	-14 57.5	1.482	2.358	15.8	21.3
393825	2005 <i>SV</i> ₆₄		6 26.6 298°70	4.9/26.8	18		124534	2001 <i>RF</i> ₉₄		6 26.6 302°16	1.2/26.6	18	
5 21	18 45.37	-11 4.7	2.078	2.905	13.7	21.2	5 21	18 49.86	-25 9.7	1.230	2.100	18.5	20.0
5 31	18 41.35	-10 29.0	1.984	2.888	11.0	21.0	5 31	18 46.53	-25 20.5	1.145	2.082	14.5	19.7
6 10	18 35.36	-10 0.9	1.913	2.872	8.1	20.8	6 10	18 39.68	-25 32.7	1.079	2.063	9.6	19.4
6 20	18 27.89	-9 42.3	1.865	2.856	5.6	20.6	6 20	18 29.95	-25 42.9	1.034	2.045	4.1	19.0
6 30	18 19.70	-9 34.6	1.844	2.841	5.0	20.5	6 30	18 18.67	-25 47.8	1.012	2.027	2.4	18.8
7 10	18 11.68	-9 38.0	1.849	2.825	7.1	20.6	7 10	18 7.62	-25 45.8	1.014	2.010	8.2	19.1
7 20	18 4.68	-9 52.0	1.879	2.809	10.2	20.8	7 20	17 58.53	-25 37.8	1.037	1.992	13.8	19.4
7 30	17 59.44	-10 14.9	1.932	2.794	13.3	20.9	7 30	17 52.74	-25 26.3	1.079	1.976	18.7	19.6
106955	2000 <i>YY</i> ₇₈		6 26.6 147°09	0.1/26.6	17		129438	1979 <i>MO</i> ₃		6 26.6 337°73	1.8/26.8	18	
5 21	18 53.60	-21 28.6	1.775	2.613	15.1	20.2	5 21	18 45.50	-18 39.5	1.534	2.393	16.1	19.4
5 31	18 47.95	-21 58.4	1.703	2.622	11.6	20.0	5 31	18 42.20	-18 40.2	1.453	2.383	12.5	19.1
6 10	18 39.75	-22 32.5	1.652	2.630	7.5	19.7	6 10	18 36.29	-18 47.4	1.393	2.373	8.3	18.9
6 20	18 29.69	-23 8.0	1.627	2.637	3.1	19.5	6 20	18 28.39	-19 0.2	1.355	2.365	3.8	18.6
6 30	18 18.81	-23 42.0	1.629	2.644	1.6	19.4	6 30	18 19.52	-19 17.5	1.343	2.356	2.4	18.5
7 10	18 8.36	-24 12.2	1.658	2.650	6.1	19.7	7 10	18 10.96	-19 37.9	1.355	2.349	6.8	18.7
7 20	17 59.43	-24 37.8	1.713	2.656	10.2	19.9	7 20	18 3.86	-20 0.0	1.390	2.343	11.3	19.0
7 30	17 52.89	-24 59.0	1.792	2.661	13.8	20.2	7 30	17 59.18	-20 23.2	1.447	2.337	15.3	19.2
91697	1999 <i>TO</i> ₁₃₇		6 26.6 222°01	5.7/27.1	18		93241	2000 <i>SO</i> ₁₅₂		6 26.6 196°56	11.2/23.9	18	
5 21	18 45.01	- 6 23.2	2.422	3.227	12.6	19.8	5 21	19 6.69	-55 1.1	2.338	3.084	14.6	20.6
5 31	18 40.67	- 5 46.1	2.341	3.225	10.4	19.7	5 31	18 59.33	-56 39.9	2.270	3.081	13.2	20.5
6 10	18 34.69	- 5 18.8	2.281	3.222	8.1	19.5	6 10	18 47.95	-58 3.3	2.222	3.078	12.0	20.4
6 20	18 27.56	- 5 3.2	2.246	3.220	6.2	19.4	6 20	18 33.31	-59 2.4	2.196	3.074	11.3	20.3
6 30	18 19.92	- 5 0.5	2.238	3.218	5.8	19.3	6 30	18 16.96	-59 30.6	2.193	3.070	11.4	20.3
7 10	18 12.51	- 5 10.6	2.256	3.216	7.2	19.4	7 10	18 1.01	-59 25.8	2.213	3.065	12.2	20.4
7 20	18 6.01	- 5 32.4	2.300	3.213	9.4	19.6	7 20	17 47.42	-58 51.4	2.254	3.060	13.5	20.5
7 30	18 0.99	- 6 4.0	2.367	3.211	11.8	19.7	7 30	17 37.59	-57 54.5	2.315	3.054	15.0	20.6
342106	2008 <i>SG</i> ₆₈		6 26.6 235°58	4.4/26.5	18								

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
311410	2005 <i>UM</i> ₂₅	6 26.6 232°37'		1.0°/26.7 18			161543	2004 <i>WH</i> ₁₀	6 26.6 337°30'		5.9°/26.5 18		
5 21	18 46.86	-20 0.2	2.762	3.588	10.7	22.2	5 21	18 45.79	-33 8.7	0.992	1.880	20.5	18.8
5 31	18 42.03	-19 55.9	2.665	3.577	8.2	22.0	5 31	18 44.24	-33 37.4	0.921	1.863	16.4	18.5
6 10	18 35.58	-19 53.8	2.592	3.566	5.4	21.8	6 10	18 38.58	-33 58.3	0.866	1.848	11.7	18.1
6 20	18 27.96	-19 53.3	2.546	3.554	2.4	21.5	6 20	18 29.60	-34 4.4	0.830	1.835	7.2	17.8
6 30	18 19.79	-19 53.9	2.528	3.542	1.5	21.5	6 30	18 18.95	-33 49.8	0.815	1.823	6.3	17.7
7 10	18 11.79	-19 55.3	2.540	3.530	4.4	21.7	7 10	18 8.84	-33 13.7	0.820	1.812	10.4	17.9
7 20	18 4.63	-19 57.5	2.579	3.517	7.4	21.8	7 20	18 1.29	-32 20.4	0.843	1.803	15.6	18.2
7 30	17 58.90	-20 0.6	2.643	3.504	10.1	22.0	7 30	17 57.70	-31 17.3	0.884	1.796	20.5	18.4
364077	2005 <i>YX</i> ₄₈	6 26.6 241°23'		0.5°/26.7 18			320396	2007 <i>UM</i> ₉₅	6 26.6 161°57'		0.3°/26.7 17		
5 21	18 46.32	-20 48.8	2.691	3.520	10.8	21.9	5 21	18 53.84	-22 22.7	1.835	2.672	14.8	22.3
5 31	18 41.69	-20 59.2	2.596	3.510	8.3	21.7	5 31	18 48.05	-22 23.9	1.760	2.678	11.4	22.1
6 10	18 35.40	-21 12.2	2.525	3.501	5.4	21.5	6 10	18 39.78	-22 26.9	1.706	2.684	7.4	21.8
6 20	18 27.90	-21 26.8	2.481	3.490	2.3	21.2	6 20	18 29.75	-22 29.9	1.678	2.688	3.0	21.6
6 30	18 19.83	-21 41.9	2.465	3.480	1.2	21.1	6 30	18 18.97	-22 31.5	1.677	2.692	1.5	21.5
7 10	18 11.91	-21 56.5	2.478	3.470	4.4	21.4	7 10	18 8.64	-22 31.3	1.704	2.696	6.0	21.8
7 20	18 4.84	-22 10.3	2.519	3.459	7.5	21.5	7 20	17 59.82	-22 29.5	1.756	2.698	10.0	22.0
7 30	17 59.23	-22 23.3	2.584	3.448	10.3	21.7	7 30	17 53.31	-22 27.3	1.831	2.700	13.6	22.3
355100	2006 <i>TV</i> ₈₅	6 26.6 216°86'		4.4°/25.9 18			83387	2001 <i>SS</i> ₁₉	6 26.6 126°66'		0.5°/26.7 18		
5 21	18 51.17	-35 26.7	2.414	3.238	12.1	21.4	5 21	18 48.11	-21 5.3	2.173	3.010	12.8	19.8
5 31	18 45.84	-36 7.5	2.330	3.233	9.6	21.2	5 31	18 43.34	-21 13.8	2.096	3.014	9.8	19.6
6 10	18 38.30	-36 42.9	2.269	3.229	7.0	21.0	6 10	18 36.59	-21 25.1	2.041	3.018	6.4	19.4
6 20	18 29.13	-37 9.1	2.233	3.224	4.8	20.9	6 20	18 28.42	-21 37.9	2.012	3.022	2.7	19.2
6 30	18 19.20	-37 23.0	2.225	3.219	4.6	20.9	6 30	18 19.65	-21 51.0	2.010	3.025	1.4	19.1
7 10	18 9.55	-37 23.5	2.244	3.214	6.5	21.0	7 10	18 11.20	-22 3.4	2.036	3.029	5.1	19.4
7 20	18 1.12	-37 11.6	2.290	3.208	9.2	21.1	7 20	18 3.90	-22 14.6	2.089	3.032	8.6	19.6
7 30	17 54.71	-36 49.9	2.358	3.203	11.8	21.3	7 30	17 58.42	-22 25.0	2.165	3.035	11.7	19.8
358355	2006 <i>WO</i> ₁₁₁	6 26.6 224°71'		0.3°/26.7 18			346686	2008 <i>YJ</i> ₈₃	6 26.6 282°68'		0.7°/26.6 18		
5 21	18 47.73	-21 52.6	2.663	3.491	11.0	22.6	5 21	18 49.46	-23 40.1	1.909	2.753	14.0	21.7
5 31	18 42.78	-21 58.6	2.568	3.482	8.4	22.4	5 31	18 45.01	-24 0.8	1.809	2.731	10.9	21.4
6 10	18 36.11	-22 6.4	2.497	3.472	5.5	22.2	6 10	18 38.07	-24 24.1	1.730	2.709	7.2	21.2
6 20	18 28.19	-22 14.7	2.453	3.462	2.3	22.0	6 20	18 29.18	-24 47.7	1.676	2.686	3.0	20.9
6 30	18 19.68	-22 22.6	2.437	3.452	1.2	21.9	6 30	18 19.22	-25 9.1	1.649	2.664	1.7	20.7
7 10	18 11.36	-22 29.5	2.450	3.441	4.5	22.1	7 10	18 9.34	-25 26.5	1.649	2.641	6.1	21.0
7 20	18 3.92	-22 35.2	2.491	3.430	7.6	22.3	7 20	18 0.68	-25 39.3	1.674	2.619	10.3	21.2
7 30	17 58.00	-22 40.1	2.557	3.419	10.4	22.5	7 30	17 54.19	-25 48.2	1.722	2.596	14.1	21.4
280395	2003 <i>UG</i> ₂₇₂	6 26.6 335°19'		7.3°/26.6 16			438244	2005 <i>VX</i> ₉₇	6 26.6 206°93'		2.0°/26.6 18		
5 21	18 41.70	-11 3.9	1.289	2.152	18.3	19.4	5 21	18 49.82	-31 2.6	2.994	3.814	10.1	21.8
5 31	18 39.70	-10 3.4	1.205	2.129	14.9	19.1	5 31	18 44.20	-31 2.3	2.901	3.808	7.8	21.7
6 10	18 34.91	-9 12.5	1.139	2.108	11.2	18.8	6 10	18 36.94	-30 57.9	2.833	3.802	5.3	21.5
6 20	18 27.92	-8 35.8	1.094	2.087	8.1	18.6	6 20	18 28.52	-30 47.8	2.792	3.796	2.8	21.3
6 30	18 19.78	-8 17.2	1.071	2.068	7.5	18.5	6 30	18 19.62	-30 31.1	2.780	3.789	2.2	21.3
7 10	18 11.84	-8 18.4	1.069	2.051	10.3	18.6	7 10	18 10.99	-30 7.9	2.797	3.782	4.5	21.4
7 20	18 5.41	-8 38.5	1.089	2.035	14.3	18.7	7 20	18 3.31	-29 39.3	2.843	3.774	7.1	21.6
7 30	18 1.58	-9 14.6	1.127	2.020	18.4	18.9	7 30	17 57.14	-29 7.2	2.914	3.766	9.6	21.7
319077	2005 <i>WQ</i> ₈₉	6 26.6 186°75'		3.0°/25.6 18			249651	1999 <i>TH</i> ₂₆₆	6 26.6 235°96'		5.7°/26.7 18		
5 21	18 51.19	-30 42.1	2.932	3.750	10.3	21.2	5 21	18 45.54	-5 17.4	2.756	3.547	11.6	20.6
5 31	18 45.48	-31 49.7	2.845	3.750	8.0	21.0	5 31	18 40.95	-4 29.5	2.663	3.537	9.6	20.4
6 10	18 37.92	-32 56.3	2.784	3.749	5.6	20.8	6 10	18 34.86	-3 49.9	2.593	3.525	7.6	20.3
6 20	18 28.97	-33 58.3	2.750	3.748	3.5	20.7	6 20	18 27.70	-3 20.9	2.549	3.514	6.1	20.1
6 30	18 19.29	-34 52.2	2.746	3.746	3.3	20.7	6 30	18 20.03	-3 4.0	2.531	3.502	5.8	20.1
7 10	18 9.72	-35 35.9	2.772	3.744	5.3	20.8	7 10	18 12.52	-2 59.8	2.541	3.490	7.0	20.2
7 20	18 1.01	-36 8.7	2.826	3.742	7.8	21.0	7 20	18 5.78	-3 7.8	2.577	3.477	9.0	20.3
7 30	17 53.87	-36 31.5	2.905	3.739	10.1	21.1	7 30	18 0.35	-3 26.6	2.636	3.464	11.2	20.4
129389	1285 <i>T</i> ₋₂	6 26.6 291°65'		2.4°/26.8 18			311956	2007 <i>DN</i> ₃₄	6 26.6 184°98'		4.9°/26.1 18		
5 21	18 49.86	-18 56.3	1.278	2.142	18.4	19.4	5 21	18 51.45	-39 13.2	2.685	3.496	11.4	21.4
5 31	18 46.33	-18 42.8	1.188	2.119	14.5	19.1	5 31	18 45.86	-39 46.9	2.605	3.496	9.2	21.2
6 10	18 39.48	-18 35.1	1.116	2.097	9.8	18.8	6 10	18 38.21	-40 13.0	2.548	3.495	7.0	21.1
6 20	18 29.89	-18 32.9	1.065	2.074	4.6	18.4	6 20	18 29.09	-40 28.0	2.516	3.495	5.3	21.0
6 30	18 18.76	-18 35.9	1.038	2.051	3.1	18.3	6 30	18 19.34	-40 29.4	2.512	3.494	5.1	20.9
7 10	18 7.72	-18 43.1	1.034	2.029	8.3	18.5	7 10	18 9.94	-40 16.5	2.535	3.493	6.5	21.0
7 20	17 58.39	-18 54.3	1.053	2.007	13.8	18.7	7 20	18 1.74	-39 51.1	2.584	3.492	8.7	21.2
7 30	17 52.12	-19 9.3	1.090	1.984	18.8	18.9	7 30	17 55.45	-39 16.0	2.657	3.491	10.9	21.3
222610	2001 <i>XG</i> ₅₆	6 26.6 200°41'		1.2°/26.8 18			192668	1999 <i>RQ</i> ₁₉₉	6 26.6 305°47'		2.9°/26.8 18		
5 21	18 50.85	-18 27.5	2.326	3.151	12.4	21.8	5 21	18 51.37	-31 17.4	1.631	2.481	15.7	19.5
5 31	18 45.37	-18 41.9	2.236	3.147	9.6	21.6	5 31	18 46.95	-31 9.6	1.536	2.459	12.4	19.2
6 10	18 37.90	-19 1.1	2.169	3.142	6.4	21.4	6 10	18 39.54	-30 54.8	1.461	2.438	8.5	18.9
6 20	18 28.96	-19 23.8	2.128	3.136	2.9	21.1	6 20	18 29.81	-30 29.7	1.410	2.416	4.4	18.6
6 30	18 19.32	-19 48.6	2.116	3.130	1.7	21.0	6 30	18 18.95	-29 52.3	1.384	2.395	3.3	18.5
7 10	18 9.87	-20 14.1	2.133	3.123	5.1	21.2	7 10	18 8.41	-29 3.4	1.384	2.375	7.2	18.7
7 20	18 1.47	-20 39.4	2.177	3.115	8.6	21.4	7 20	17 59.55	-28 6.4	1.408	2.354	11.7	18.9
7 30	17 54.83	-21 4.0	2.245	3.107	11.7	21.6	7 30	17 53.42	-27 6.1	1.454	2.335	15.8	19.1
38653	2000 <i>OT</i> ₂₂	6 26.6 292°85'		0.1°/26.6 18 R			81171	2000 <i>EE</i> ₁₆₆	6 26.6 315°82'		4.9°/26.9 18		

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
314439	2005 <i>UH</i> ₅₂₇	6 26.6 217°77'		0°3/26.6 18			261420	2005 <i>UJ</i> ₄₉₈	6 26.7 252°81'		0°5/26.8 18		
5 21	18 47.20	-23 28.7	2.691	3.521	10.8	22.1	5 21	18 47.21	-19 56.4	2.358	3.191	12.0	20.4
5 31	18 42.37	-23 39.7	2.600	3.515	8.3	21.9	5 31	18 42.64	-20 21.4	2.268	3.185	9.3	20.2
6 10	18 35.86	-23 51.7	2.533	3.509	5.4	21.7	6 10	18 36.18	-20 50.8	2.202	3.178	6.1	20.0
6 20	18 28.13	-24 3.3	2.493	3.503	2.2	21.5	6 20	18 28.33	-21 23.1	2.162	3.172	2.5	19.8
6 30	18 19.85	-24 13.3	2.482	3.497	1.2	21.4	6 30	18 19.80	-21 56.4	2.151	3.166	1.3	19.6
7 10	18 11.76	-24 21.0	2.499	3.490	4.4	21.6	7 10	18 11.45	-22 29.0	2.167	3.159	4.9	19.9
7 20	18 4.57	-24 26.2	2.544	3.483	7.5	21.8	7 20	18 4.08	-22 59.7	2.210	3.152	8.3	20.1
7 30	17 58.89	-24 29.5	2.613	3.476	10.2	21.9	7 30	17 58.37	-23 28.1	2.278	3.146	11.3	20.3
48965	1998 <i>QX</i> ₃₄	6 26.6 257°78'		0°4/26.6 18			121252	1999 <i>RS</i> ₇₁	6 26.7 272°97'		7°0/25.7 18		
5 21	18 52.90	-24 52.4	1.847	2.687	14.6	19.8	5 21	18 54.40	-44 5.9	2.476	3.274	12.6	20.1
5 31	18 47.68	-24 46.0	1.748	2.667	11.3	19.5	5 31	18 48.73	-44 53.1	2.380	3.254	10.6	19.9
6 10	18 39.81	-24 38.6	1.670	2.648	7.5	19.3	6 10	18 40.45	-45 30.6	2.305	3.234	8.6	19.8
6 20	18 29.90	-24 28.5	1.617	2.627	3.1	19.0	6 20	18 30.16	-45 53.0	2.256	3.213	7.3	19.6
6 30	18 18.93	-24 14.4	1.592	2.607	1.6	18.8	6 30	18 18.87	-45 56.3	2.232	3.192	7.2	19.6
7 10	18 8.16	-23 56.1	1.593	2.585	6.2	19.1	7 10	18 7.82	-45 39.2	2.234	3.171	8.5	19.6
7 20	17 58.76	-23 34.9	1.620	2.563	10.6	19.3	7 20	17 58.18	-45 3.3	2.261	3.150	10.6	19.7
7 30	17 51.71	-23 13.1	1.670	2.541	14.5	19.5	7 30	17 50.87	-44 13.0	2.310	3.128	12.8	19.9
377805	2006 <i>AL</i> ₇₂	6 26.6 72°44'		0°5/26.6 17			477103	2009 <i>BL</i> ₁₆₂	6 26.7 317°45'		0°4/26.6 17		
5 21	18 51.21	-24 54.0	1.708	2.555	15.2	20.9	5 21	18 48.20	-23 13.3	1.925	2.770	13.9	21.1
5 31	18 46.14	-24 49.3	1.643	2.567	11.7	20.7	5 31	18 43.80	-23 29.4	1.843	2.766	10.7	20.9
6 10	18 38.57	-24 44.0	1.599	2.578	7.6	20.5	6 10	18 37.12	-23 47.7	1.783	2.762	6.9	20.7
6 20	18 29.27	-24 36.5	1.580	2.590	3.1	20.3	6 20	18 28.76	-24 6.1	1.749	2.759	2.8	20.4
6 30	18 19.33	-24 25.7	1.587	2.602	1.6	20.2	6 30	18 19.61	-24 22.7	1.741	2.756	1.5	20.3
7 10	18 9.97	-24 11.6	1.620	2.613	6.0	20.5	7 10	18 10.76	-24 36.2	1.759	2.752	5.7	20.6
7 20	18 2.22	-23 55.7	1.678	2.625	10.1	20.8	7 20	18 3.20	-24 46.2	1.804	2.749	9.6	20.8
7 30	17 56.87	-23 39.4	1.760	2.637	13.6	21.0	7 30	17 57.72	-24 53.4	1.871	2.746	13.0	21.0
489144	2006 <i>DG</i> ₁₅₅	6 26.7 191°65'		1°4/26.8 17			296921	2010 <i>CU</i> ₁₀₇	6 26.7 184°19'		0°9/26.8 18		
5 21	18 50.39	-18 51.1	2.524	3.346	11.7	23.0	5 21	18 49.99	-20 5.2	2.376	3.203	12.1	22.4
5 31	18 44.82	-18 44.6	2.435	3.344	9.0	22.9	5 31	18 44.64	-20 8.4	2.291	3.204	9.3	22.2
6 10	18 37.45	-18 40.9	2.370	3.342	6.0	22.7	6 10	18 37.40	-20 14.5	2.229	3.203	6.1	22.0
6 20	18 28.79	-18 39.7	2.331	3.338	2.8	22.4	6 20	18 28.80	-20 22.5	2.194	3.203	2.7	21.8
6 30	18 19.57	-18 40.4	2.321	3.334	1.8	22.4	6 30	18 19.60	-20 31.4	2.187	3.201	1.5	21.7
7 10	18 10.58	-18 42.7	2.341	3.329	4.9	22.6	7 10	18 10.67	-20 40.6	2.209	3.199	4.9	22.0
7 20	18 2.58	-18 46.5	2.388	3.324	8.0	22.8	7 20	18 2.79	-20 49.6	2.258	3.197	8.3	22.2
7 30	17 56.20	-18 51.8	2.460	3.318	10.9	22.9	7 30	17 56.63	-20 58.7	2.331	3.194	11.3	22.4
475046	2005 <i>UF</i> ₇₂	6 26.7 215°32'		0°8/26.7 18			266973	2010 <i>VB</i> ₁₂₁	6 26.7 212°62'		0°4/26.7 17		
5 21	18 47.37	-20 57.0	2.991	3.814	10.0	22.3	5 21	18 52.50	-21 29.5	1.952	2.787	14.1	22.0
5 31	18 42.28	-20 43.9	2.895	3.806	7.7	22.2	5 31	18 47.09	-21 40.3	1.864	2.781	10.9	21.8
6 10	18 35.70	-20 31.7	2.824	3.797	5.1	22.0	6 10	18 39.27	-21 54.3	1.797	2.774	7.1	21.5
6 20	18 28.06	-20 20.0	2.780	3.788	2.2	21.8	6 20	18 29.65	-22 9.7	1.756	2.766	3.0	21.2
6 30	18 19.94	-20 8.8	2.765	3.779	1.3	21.7	6 30	18 19.15	-22 24.5	1.742	2.757	1.5	21.1
7 10	18 12.02	-19 58.1	2.779	3.769	4.1	21.9	7 10	18 8.90	-22 37.7	1.756	2.748	5.8	21.4
7 20	18 4.90	-19 48.3	2.822	3.759	6.9	22.0	7 20	17 59.95	-22 48.8	1.797	2.738	9.9	21.6
7 30	17 59.11	-19 39.7	2.890	3.748	9.5	22.2	7 30	17 53.15	-22 58.4	1.860	2.728	13.4	21.8
379711	2011 <i>GE</i> ₁₁	6 26.7 200°42'		3°1/26.4 17			519088	2010 <i>UJ</i> ₇₇	6 26.7 120°76'		1°7/26.8 17		
5 21	18 53.88	-31 23.8	2.133	2.962	13.3	22.1	5 21	18 50.03	-18 25.6	2.171	3.001	13.0	21.6
5 31	18 48.07	-31 47.5	2.048	2.959	10.4	21.9	5 31	18 44.68	-18 19.8	2.101	3.014	10.0	21.5
6 10	18 39.84	-32 7.2	1.985	2.955	7.1	21.7	6 10	18 37.39	-18 18.0	2.054	3.028	6.6	21.3
6 20	18 29.84	-32 19.4	1.948	2.950	4.0	21.5	6 20	18 28.77	-18 19.5	2.034	3.041	3.1	21.1
6 30	18 19.03	-32 21.4	1.939	2.945	3.4	21.4	6 30	18 19.65	-18 23.7	2.041	3.053	2.1	21.0
7 10	18 8.57	-32 12.5	1.957	2.940	6.2	21.6	7 10	18 10.93	-18 30.2	2.076	3.065	5.3	21.3
7 20	17 59.49	-31 53.9	2.002	2.933	9.6	21.8	7 20	18 3.41	-18 38.5	2.137	3.077	8.6	21.5
7 30	17 52.63	-31 28.6	2.070	2.927	12.7	22.0	7 30	17 57.73	-18 48.6	2.223	3.088	11.6	21.7
297274	1996 <i>SK</i>	6 26.7 66°00'		0°9/26.8 15			129178	2005 <i>LK</i> ₆	6 26.7 95°63'		4°9/26.9 18		
5 21	19 9.01	-19 51.5	2.063	2.859	14.8	21.5	5 21	18 50.27	-13 0.1	1.553	2.393	16.8	19.9
5 31	18 58.33	-20 1.0	2.035	2.931	11.2	21.4	5 31	18 45.55	-12 25.3	1.486	2.400	13.3	19.7
6 10	18 45.64	-20 12.1	2.033	3.000	7.1	21.3	6 10	18 38.29	-11 59.7	1.439	2.407	9.5	19.5
6 20	18 31.88	-20 22.9	2.059	3.067	3.0	21.1	6 20	18 29.22	-11 45.0	1.416	2.414	5.9	19.3
6 30	18 18.17	-20 31.8	2.118	3.132	1.6	21.1	6 30	18 19.42	-11 42.1	1.417	2.420	5.1	19.3
7 10	18 5.60	-20 38.6	2.208	3.194	5.3	21.5	7 10	18 10.11	-11 50.6	1.443	2.427	7.9	19.5
7 20	17 54.97	-20 43.8	2.327	3.255	8.6	21.8	7 20	18 2.37	-12 9.1	1.494	2.433	11.7	19.7
7 30	17 46.79	-20 48.4	2.472	3.313	11.4	22.1	7 30	17 57.02	-12 35.8	1.566	2.440	15.2	20.0
468758	2011 <i>GD</i> ₅₇	6 26.7 46°83'		9°6/27.8 17			136230	2003 <i>WC</i> ₁₁₇	6 26.7 210°52'		0°2/26.7 17		
5 21	18 46.87	- 1 28.9	1.640	2.448	17.5	20.4	5 21	18 53.12	-24 27.4	1.693	2.537	15.5	20.2
5 31	18 42.75	- 0 27.9	1.578	2.456	14.8	20.3	5 31	18 47.84	-24 17.5	1.612	2.534	12.0	20.0
6 10	18 36.38	+ 0 15.4	1.536	2.463	12.2	20.1	6 10	18 39.87	-24 7.1	1.552	2.530	7.8	19.7
6 20	18 28.41	+ 0 36.7	1.514	2.471	10.2	20.0	6 20	18 29.90	-23 54.3	1.516	2.527	3.2	19.4
6 30	18 19.79	+ 0 33.5	1.516	2.479	9.6	20.0	6 30	18 19.06	-23 38.3	1.507	2.522	1.6	19.3
7 10	18 11.61	+ 0 6.6	1.541	2.487	10.9	20.1	7 10	18 8.64	-23 19.2	1.525	2.518	6.4	19.6
7 20	18 4.80	- 0 41.0	1.589	2.496	13.2	20.3	7 20	17 59.83	-22 58.5	1.567	2.513	10.8	19.9
7 30	18 0.11	- 1 44.3	1.657	2.505	15.8	20.5	7 30	17 53.52	-22 38.3	1.632	2.508	14.6	20.1
146204	2000 <i>UJ</i> ₅₇	6 26.7 166°50'		6°2/25.8 18			6810	Juanclariá	6 26.7 356°49'		1°8/26.7 18		

EPHEMERIDES

6 26.7

6 26.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
282678	2005 <i>WG</i> ₁₁₀	6 26.7 303°20		0°8/26.5 18			52453	1994 <i>WC</i>	6 26.7 322°19		10°4/23.4 18		
5 21	18 47.23	-24 17.2	2.048	2.892	13.2	20.9	5 21	18 47.67	-36 49.5	1.178	2.049	19.2	17.9
5 31	18 43.16	-24 38.4	1.946	2.869	10.2	20.7	5 31	18 46.15	-38 45.1	1.083	2.010	16.0	17.6
6 10	18 36.82	-25 1.6	1.866	2.845	6.7	20.4	6 10	18 40.46	-40 43.2	1.007	1.972	12.8	17.2
6 20	18 28.70	-25 24.7	1.812	2.822	2.8	20.1	6 20	18 30.80	-42 32.5	0.950	1.935	10.6	17.0
6 30	18 19.62	-25 45.4	1.784	2.798	1.7	20.0	6 30	18 18.38	-43 59.1	0.915	1.899	11.1	16.9
7 10	18 10.63	-26 1.9	1.783	2.775	5.7	20.2	7 10	18 5.41	-44 52.5	0.900	1.864	14.4	16.9
7 20	18 2.73	-26 13.9	1.808	2.752	9.6	20.4	7 20	17 54.44	-45 9.7	0.904	1.830	18.7	17.1
7 30	17 56.82	-26 21.9	1.855	2.729	13.2	20.6	7 30	17 47.75	-44 55.5	0.923	1.797	23.1	17.2
129570	1997 <i>GE</i> ₃₄	6 26.7 353°06		2°1/26.9 18			255777	2006 <i>RV</i> ₈₆	6 26.7 7°42		2°4/26.8 17		
5 21	18 45.43	-18 17.8	1.446	2.308	16.7	19.3	5 21	18 45.80	-18 59.3	1.105	1.984	19.5	20.1
5 31	18 42.26	-18 14.1	1.372	2.303	13.0	19.1	5 31	18 43.17	-18 45.0	1.044	1.985	15.2	19.8
6 10	18 36.40	-18 17.0	1.318	2.299	8.7	18.8	6 10	18 37.27	-18 37.6	1.002	1.986	10.1	19.5
6 20	18 28.53	-18 26.2	1.287	2.296	4.1	18.5	6 20	18 28.96	-18 37.0	0.979	1.989	4.7	19.3
6 30	18 19.74	-18 40.6	1.280	2.293	2.6	18.4	6 30	18 19.61	-18 42.4	0.979	1.993	3.0	19.2
7 10	18 11.34	-18 59.0	1.297	2.292	7.0	18.7	7 10	18 10.87	-18 52.8	1.001	1.998	8.1	19.5
7 20	18 4.50	-19 20.0	1.337	2.291	11.5	18.9	7 20	18 4.18	-19 7.1	1.044	2.004	13.2	19.8
7 30	18 0.16	-19 42.7	1.399	2.291	15.5	19.2	7 30	18 0.54	-19 24.5	1.106	2.011	17.7	20.1
504055	2005 <i>XX</i> ₅₁	6 26.7 210°73		1°8/26.5 17			162143	1998 <i>VJ</i> ₁	6 26.7 285°79		7°2/25.9 18		
5 21	18 52.17	-27 17.2	2.077	2.912	13.4	23.0	5 21	18 48.50	-7 14.9	2.033	2.844	14.5	19.9
5 31	18 46.78	-27 39.3	1.990	2.907	10.3	22.8	5 31	18 43.96	-6 1.4	1.927	2.815	12.1	19.7
6 10	18 39.04	-28 0.5	1.926	2.901	6.8	22.5	6 10	18 37.27	-4 54.8	1.843	2.785	9.6	19.5
6 20	18 29.55	-28 17.9	1.887	2.895	3.2	22.3	6 20	18 28.90	-3 59.0	1.783	2.755	7.6	19.3
6 30	18 19.23	-28 29.1	1.876	2.889	2.3	22.2	6 30	18 19.60	-3 17.8	1.749	2.725	7.4	19.2
7 10	18 9.20	-28 32.9	1.893	2.882	5.8	22.4	7 10	18 10.35	-2 53.4	1.740	2.695	9.3	19.3
7 20	18 0.47	-28 29.8	1.936	2.874	9.5	22.7	7 20	18 2.08	-2 46.4	1.757	2.664	12.1	19.4
7 30	17 53.87	-28 21.5	2.003	2.866	12.8	22.8	7 30	17 55.62	-2 55.7	1.794	2.633	15.1	19.5
465843	2010 <i>OV</i> ₂₄	6 26.7 335°57		9°3/25.9 17			292712	2006 <i>UJ</i> ₁₂₈	6 26.7 178°88		0°2/26.7 17		
5 21	18 50.31	-38 41.9	1.160	2.025	19.7	20.4	5 21	18 52.74	-22 42.8	1.942	2.778	14.1	22.6
5 31	18 47.64	-39 50.6	1.089	2.012	16.3	20.2	5 31	18 47.19	-22 46.5	1.861	2.779	10.9	22.4
6 10	18 40.81	-40 49.4	1.037	2.001	12.6	19.9	6 10	18 39.28	-22 51.7	1.803	2.780	7.1	22.1
6 20	18 30.59	-41 28.4	1.003	1.991	9.8	19.7	6 20	18 29.65	-22 56.8	1.771	2.781	2.9	21.9
6 30	18 18.67	-41 38.9	0.991	1.981	9.5	19.7	6 30	18 19.28	-23 0.2	1.766	2.781	1.5	21.8
7 10	18 7.32	-41 18.4	1.001	1.973	12.2	19.8	7 10	18 9.28	-23 1.4	1.788	2.780	5.7	22.0
7 20	17 58.56	-40 30.9	1.029	1.965	16.0	20.0	7 20	18 0.65	-23 0.7	1.837	2.779	9.7	22.3
7 30	17 53.83	-39 24.7	1.076	1.959	19.9	20.2	7 30	17 54.21	-22 59.0	1.909	2.777	13.1	22.5
160891	2001 <i>RU</i> ₈₂	6 26.7 26°63		5°8/26.9 17			234268	2000 <i>WJ</i> ₂	6 26.7 217°76		11°3/24.4 18		
5 21	18 48.15	-14 19.1	1.048	1.921	20.8	18.8	5 21	19 13.67	-60 16.9	2.673	3.375	13.9	21.6
5 31	18 44.88	-13 27.0	0.995	1.928	16.5	18.6	5 31	19 4.81	-61 36.7	2.596	3.365	12.8	21.5
6 10	18 38.29	-12 45.7	0.958	1.935	11.6	18.4	6 10	18 51.61	-62 39.6	2.538	3.353	11.9	21.4
6 20	18 29.32	-12 18.2	0.941	1.943	7.2	18.1	6 20	18 34.94	-63 17.2	2.502	3.341	11.4	21.3
6 30	18 19.41	-12 6.6	0.946	1.952	6.1	18.1	6 30	18 16.58	-63 23.1	2.487	3.328	11.4	21.3
7 10	18 10.25	-12 10.8	0.972	1.962	9.7	18.3	7 10	17 58.87	-62 55.9	2.496	3.314	12.0	21.3
7 20	18 3.25	-12 29.0	1.019	1.972	14.3	18.6	7 20	17 43.88	-61 59.2	2.525	3.300	13.1	21.4
7 30	17 59.37	-12 58.1	1.085	1.983	18.5	18.9	7 30	17 33.01	-60 40.3	2.574	3.284	14.3	21.4
143471	2003 <i>CT</i> ₅	6 26.7 158°27		4°3/26.3 18			99958	1978 <i>VB</i> ₉	6 26.7 255°93		1°5/26.5 17		
5 21	18 51.69	-35 29.9	2.255	3.081	12.7	19.9	5 21	18 53.20	-25 33.8	1.748	2.590	15.1	20.7
5 31	18 46.31	-35 58.5	2.178	3.083	10.1	19.7	5 31	18 48.19	-25 58.2	1.651	2.573	11.8	20.5
6 10	18 38.65	-36 20.7	2.123	3.084	7.3	19.5	6 10	18 40.35	-26 23.9	1.576	2.554	7.8	20.2
6 20	18 29.36	-36 32.7	2.093	3.086	4.9	19.4	6 20	18 30.25	-26 47.8	1.526	2.535	3.5	19.9
6 30	18 19.37	-36 32.0	2.091	3.087	4.5	19.3	6 30	18 18.93	-27 6.4	1.502	2.516	2.3	19.7
7 10	18 9.79	-36 18.0	2.115	3.088	6.6	19.5	7 10	18 7.74	-27 17.8	1.504	2.495	6.7	20.0
7 20	18 1.58	-35 52.4	2.165	3.090	9.4	19.6	7 20	17 57.97	-27 22.0	1.532	2.475	11.2	20.2
7 30	17 55.50	-35 18.6	2.239	3.091	12.1	19.8	7 30	17 50.73	-27 20.6	1.582	2.454	15.2	20.4
411621	2011 <i>UZ</i> ₂₉	6 26.7 268°17		5°4/26.7 17			29191	1990 <i>UQ</i> ₅	6 26.7 191°39		1°6/26.4 17		
5 21	18 50.63	-13 47.1	1.389	2.237	18.0	21.8	5 21	18 54.40	-25 9.0	1.720	2.562	15.4	19.6
5 31	18 46.37	-12 58.1	1.309	2.228	14.4	21.5	5 31	18 48.95	-25 46.9	1.640	2.561	11.9	19.3
6 10	18 39.16	-12 16.6	1.248	2.219	10.3	21.3	6 10	18 40.70	-26 26.9	1.582	2.560	7.8	19.1
6 20	18 29.71	-11 45.4	1.210	2.209	6.5	21.0	6 20	18 30.33	-27 5.1	1.549	2.558	3.5	18.8
6 30	18 19.16	-11 26.6	1.196	2.199	5.7	21.0	6 30	18 18.93	-27 37.7	1.542	2.555	2.4	18.7
7 10	18 8.96	-11 21.4	1.206	2.190	9.0	21.1	7 10	18 7.86	-28 2.0	1.562	2.552	6.6	19.0
7 20	18 0.41	-11 29.3	1.238	2.180	13.3	21.3	7 20	17 58.37	-28 17.9	1.607	2.548	10.9	19.2
7 30	17 54.57	-11 48.7	1.291	2.170	17.4	21.6	7 30	17 51.44	-28 26.9	1.675	2.544	14.6	19.5
366217	2012 <i>TO</i> ₁₆₆	6 26.7 353°98		0°6/26.7 18			376893	2001 <i>XK</i> ₁₁₆	6 26.7 226°55		1°4/26.4 18		
5 21	18 48.37	-21 59.5	1.765	2.614	14.7	20.4	5 21	18 52.81	-25 43.4	2.388	3.213	12.1	22.2
5 31	18 44.03	-21 53.1	1.688	2.613	11.4	20.2	5 31	18 47.09	-26 16.6	2.288	3.200	9.4	21.9
6 10	18 37.31	-21 48.6	1.632	2.612	7.4	20.0	6 10	18 39.21	-26 50.8	2.211	3.185	6.2	21.7
6 20	18 28.85	-21 45.1	1.601	2.611	3.1	19.7	6 20	18 29.67	-27 23.3	2.162	3.170	2.8	21.5
6 30	18 19.63	-21 41.6	1.595	2.610	1.6	19.6	6 30	18 19.26	-27 51.3	2.141	3.154	2.0	21.4
7 10	18 10.80	-21 37.8	1.616	2.610	6.0	19.9	7 10	18 8.95	-28 12.9	2.150	3.137	5.3	21.6
7 20	18 3.38	-21 34.1	1.662	2.610	10.1	20.1	7 20	17 59.68	-28 27.9	2.185	3.120	8.8	21.8
7 30	17 58.19	-21 31.2	1.730	2.610	13.7	20.4	7 30	17 52.26	-28 37.1	2.246	3.101	11.9	21.9
228634	2002 <i>CU</i> ₂₅₅	6 26.7 195°10		0°1/26.7 18			469530	2003 <i>SN</i> ₂₀₉	6 26.7 271°44				

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
118820	2000 <i>SO</i> ₁₃₁		6 26.7 179°84	1°6/26.6	18		497551	2006 <i>DH</i> ₄₂		6 26.7 181°10	4°5/27.4	17	
5 21	18 52.62	-21 17.8	2.045	2.877	13.7	19.3	5 21	18 49.31	-9 34.1	2.231	3.041	13.4	22.3
5 31	18 46.86	-20 36.2	1.963	2.878	10.5	19.1	5 31	18 44.19	-9 23.7	2.148	3.042	10.7	22.2
6 10	18 38.92	-19 54.2	1.904	2.879	7.0	18.9	6 10	18 37.17	-9 23.2	2.088	3.043	7.9	22.0
6 20	18 29.48	-19 12.4	1.871	2.879	3.2	18.7	6 20	18 28.80	-9 33.3	2.053	3.043	5.3	21.8
6 30	18 19.42	-18 31.6	1.866	2.879	2.2	18.6	6 30	18 19.81	-9 54.1	2.045	3.042	4.6	21.8
7 10	18 9.80	-17 53.4	1.889	2.878	5.8	18.8	7 10	18 11.07	-10 24.3	2.065	3.041	6.5	21.9
7 20	18 1.49	-17 19.3	1.939	2.877	9.5	19.1	7 20	18 3.37	-11 2.3	2.112	3.039	9.4	22.1
7 30	17 55.24	-16 50.8	2.012	2.876	12.7	19.3	7 30	17 57.38	-11 46.0	2.182	3.037	12.2	22.2
294127	2007 <i>TL</i> ₂₆₈		6 26.7 205°07	2°1/26.9	17		384413	2009 <i>WN</i> ₁₆₆		6 26.7 231°67	0°1/26.7	18	
5 21	18 48.22	-17 40.8	2.102	2.936	13.2	21.3	5 21	18 51.47	-23 30.8	2.148	2.982	13.0	21.9
5 31	18 43.52	-17 29.8	2.020	2.935	10.3	21.1	5 31	18 46.16	-23 28.9	2.054	2.970	10.1	21.7
6 10	18 36.80	-17 23.3	1.960	2.933	6.9	20.9	6 10	18 38.63	-23 27.5	1.982	2.958	6.6	21.4
6 20	18 28.64	-17 21.0	1.925	2.932	3.4	20.7	6 20	18 29.46	-23 25.1	1.936	2.946	2.7	21.2
6 30	18 19.83	-17 22.7	1.918	2.930	2.4	20.6	6 30	18 19.50	-23 20.6	1.918	2.933	1.4	21.0
7 10	18 11.31	-17 27.9	1.938	2.928	5.6	20.8	7 10	18 9.76	-23 13.7	1.928	2.919	5.4	21.3
7 20	18 3.93	-17 36.3	1.984	2.926	9.1	21.0	7 20	18 1.20	-23 4.9	1.964	2.905	9.2	21.5
7 30	17 58.40	-17 47.5	2.054	2.923	12.3	21.2	7 30	17 54.61	-22 55.4	2.025	2.891	12.6	21.7
187688	2008 <i>DR</i> ₃₃		6 26.7 333°51	0°4/26.7	17		28784	<i>Deringer</i>		6 26.7 240°23	0°9/26.6	18	
5 21	18 45.44	-22 30.7	1.202	2.079	18.4	19.6	5 21	18 49.14	-25 4.9	2.152	2.990	12.8	18.8
5 31	18 43.03	-22 29.3	1.123	2.064	14.3	19.3	5 31	18 44.37	-25 22.3	2.066	2.985	9.9	18.6
6 10	18 37.36	-22 31.1	1.063	2.049	9.4	19.0	6 10	18 37.46	-25 40.2	2.003	2.980	6.5	18.4
6 20	18 29.11	-22 34.5	1.023	2.035	3.9	18.7	6 20	18 28.98	-25 56.6	1.965	2.974	2.8	18.1
6 30	18 19.54	-22 37.9	1.007	2.022	2.0	18.5	6 30	18 19.76	-26 9.4	1.955	2.969	1.7	18.0
7 10	18 10.30	-22 40.1	1.012	2.010	7.8	18.8	7 10	18 10.80	-26 17.6	1.972	2.964	5.3	18.3
7 20	18 2.93	-22 41.3	1.040	2.000	13.2	19.1	7 20	18 3.01	-26 21.2	2.016	2.958	9.0	18.5
7 30	17 58.62	-22 42.3	1.086	1.991	18.0	19.3	7 30	17 57.16	-26 21.3	2.083	2.952	12.2	18.7
98474	2000 <i>UR</i> ₉₇		6 26.7 288°65	1°3/26.7	18		70609	1999 <i>TF</i> ₁₉₈		6 26.7 311°62	2°1/26.6	18	
5 21	18 51.99	-26 32.1	1.419	2.277	17.2	19.8	5 21	18 48.70	-27 46.4	1.574	2.431	15.8	19.4
5 31	18 47.83	-26 29.2	1.327	2.257	13.4	19.5	5 31	18 45.07	-27 59.2	1.478	2.407	12.4	19.1
6 10	18 40.40	-26 24.3	1.255	2.236	8.9	19.1	6 10	18 38.50	-28 10.6	1.403	2.384	8.3	18.8
6 20	18 30.35	-26 14.6	1.206	2.216	3.9	18.8	6 20	18 29.59	-28 17.2	1.352	2.360	3.9	18.5
6 30	18 18.92	-25 57.8	1.181	2.195	2.3	18.6	6 30	18 19.41	-28 16.2	1.324	2.338	2.8	18.3
7 10	18 7.72	-25 33.8	1.181	2.175	7.5	18.9	7 10	18 9.41	-28 6.4	1.322	2.315	7.2	18.6
7 20	17 58.29	-25 4.6	1.204	2.155	12.7	19.1	7 20	18 0.93	-27 48.8	1.344	2.293	11.8	18.8
7 30	17 51.87	-24 33.8	1.247	2.135	17.4	19.3	7 30	17 55.14	-27 26.3	1.386	2.272	16.1	19.0
91159	1998 <i>QA</i> ₇₃		6 26.7 280°62	7°6/26.9	18		390004	2012 <i>TT</i> ₃₁₀		6 26.7 223°34	3°4/26.2	18	
5 21	18 45.11	-0 1.0	2.592	3.366	12.7	20.0	5 21	18 52.39	-32 45.8	2.464	3.287	11.9	21.7
5 31	18 40.88	+0 46.0	2.487	3.340	10.9	19.8	5 31	18 46.80	-33 19.7	2.371	3.277	9.4	21.5
6 10	18 35.02	+1 21.2	2.404	3.313	9.2	19.6	6 10	18 39.03	-33 49.8	2.301	3.266	6.6	21.3
6 20	18 27.93	+1 41.9	2.345	3.286	7.9	19.5	6 20	18 29.63	-34 12.8	2.258	3.256	4.1	21.1
6 30	18 20.18	+1 45.7	2.311	3.259	7.6	19.4	6 30	18 19.44	-34 25.6	2.242	3.244	3.7	21.1
7 10	18 12.48	+1 32.0	2.303	3.232	8.7	19.5	7 10	18 9.46	-34 27.2	2.255	3.232	6.0	21.2
7 20	18 5.51	+1 1.9	2.319	3.205	10.5	19.5	7 20	18 0.62	-34 18.3	2.295	3.220	8.9	21.3
7 30	17 59.90	+0 17.4	2.358	3.177	12.6	19.6	7 30	17 53.70	-34 1.1	2.358	3.207	11.6	21.5
34566	2000 <i>SE</i> ₂₉₄		6 26.7 118°14	7°7/25.6	18		139174	2001 <i>FS</i> ₁₃₁		6 26.7 201°44	0°1/26.7	17	
5 21	18 57.92	-42 11.8	2.025	2.835	14.6	18.2	5 21	18 53.82	-23 18.4	1.970	2.803	14.0	20.8
5 31	18 51.69	-43 25.3	1.964	2.847	12.1	18.1	5 31	18 48.07	-23 14.5	1.883	2.799	10.8	20.6
6 10	18 42.47	-44 28.3	1.923	2.859	9.6	17.9	6 10	18 39.92	-23 11.0	1.818	2.795	7.1	20.4
6 20	18 31.04	-45 13.9	1.907	2.870	8.0	17.9	6 20	18 30.00	-23 6.6	1.779	2.789	2.9	20.1
6 30	18 18.66	-45 37.1	1.917	2.881	7.8	17.9	6 30	18 19.28	-22 59.9	1.768	2.783	1.5	20.0
7 10	18 6.83	-45 36.8	1.952	2.892	9.3	18.0	7 10	18 8.88	-22 50.9	1.785	2.777	5.8	20.2
7 20	17 56.86	-45 15.7	2.011	2.902	11.6	18.1	7 20	17 59.84	-22 40.3	1.828	2.769	9.8	20.5
7 30	17 49.70	-44 38.9	2.091	2.912	13.9	18.3	7 30	17 53.00	-22 29.4	1.894	2.761	13.3	20.7
353524	2011 <i>SJ</i> ₁₃₃		6 26.7 203°31	1°4/26.9	18		288317	2004 <i>BO</i> ₄₇		6 26.7 160°68	1°8/26.9	17	
5 21	18 47.51	-18 38.9	2.417	3.247	11.9	22.0	5 21	18 51.54	-17 19.3	1.706	2.545	15.6	20.7
5 31	18 42.76	-18 39.7	2.331	3.244	9.2	22.2	5 31	18 46.56	-17 36.1	1.630	2.548	12.1	20.5
6 10	18 36.22	-18 44.2	2.268	3.242	6.1	21.8	6 10	18 39.05	-18 0.7	1.576	2.551	8.1	20.3
6 20	18 28.40	-18 51.8	2.231	3.239	2.8	21.6	6 20	18 29.67	-18 31.5	1.546	2.553	3.7	20.0
6 30	18 19.99	-19 1.8	2.222	3.236	1.8	21.5	6 30	18 19.44	-19 6.4	1.542	2.556	2.3	19.9
7 10	18 11.82	-19 13.5	2.242	3.232	4.9	21.7	7 10	18 9.56	-19 43.1	1.565	2.557	6.3	20.2
7 20	18 4.62	-19 26.3	2.288	3.229	8.1	21.9	7 20	18 1.13	-20 19.7	1.613	2.559	10.5	20.4
7 30	17 59.04	-19 40.1	2.359	3.225	11.0	22.1	7 30	17 55.03	-20 55.2	1.684	2.560	14.2	20.7
341374	2007 <i>TB</i> ₁₀₈		6 26.7 314°81	1°6/26.6	17		125691	2001 <i>XK</i> ₈₉		6 26.7 26°67	0°2/26.7	18	
5 21	18 49.25	-26 41.4	1.815	2.663	14.4	21.2	5 21	18 51.46	-25 30.8	1.121	1.995	19.7	18.9
5 31	18 44.85	-26 56.1	1.733	2.657	11.2	21.0	5 31	18 47.53	-25 3.9	1.062	2.000	15.2	18.7
6 10	18 37.95	-27 10.1	1.673	2.651	7.4	20.8	6 10	18 40.10	-24 34.5	1.022	2.006	9.9	18.4
6 20	18 29.20	-27 20.7	1.637	2.646	3.3	20.5	6 20	18 30.15	-24 1.3	1.002	2.013	4.1	18.1
6 30	18 19.58	-27 25.6	1.627	2.640	2.2	20.4	6 30	18 19.25	-23 24.4	1.005	2.021	2.0	18.0
7 10	18 10.31	-27 24.1	1.643	2.635	6.1	20.7	7 10	18 9.20	-22 45.7	1.032	2.029	7.9	18.4
7 20	18 2.46	-27 16.7	1.685	2.630	10.2	20.9	7 20	18 1.48	-22 8.4	1.080	2.037	13.2	18.7
7 30	17 56.90	-27 5.3	1.749	2.625	13.7	21.1	7 30	17 57.05	-21 35.5	1.147	2.047	17.7	19.0
397396	2006 <i>VU</i> ₁₃₆		6 26.7 158°84	0°1/26.7	18		340428	2006					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
362680	2011 <i>UW</i> ₈₆		6 26.7 184°75	3°2/26.8	18		436164	2009 <i>VJ</i> ₆₁		6 26.7 175°82	4°3/26.6	17	
5 21	18 46.58	-12 6.4	3.168	3.973	9.9	21.6	5 21	18 50.81	-13 47.6	2.010	2.834	14.1	21.7
5 31	18 41.54	-11 34.1	3.080	3.972	7.9	21.5	5 31	18 45.49	-12 57.0	1.931	2.836	11.2	21.5
6 10	18 35.20	-11 6.5	3.017	3.972	5.7	21.3	6 10	18 38.09	-12 11.6	1.874	2.837	8.0	21.3
6 20	18 27.95	-10 44.4	2.980	3.971	3.8	21.2	6 20	18 29.22	-11 33.4	1.842	2.838	5.1	21.1
6 30	18 20.32	-10 28.5	2.973	3.969	3.4	21.2	6 30	18 19.73	-11 4.0	1.838	2.839	4.5	21.1
7 10	18 12.89	-10 19.2	2.995	3.967	4.9	21.3	7 10	18 10.60	-10 44.4	1.861	2.839	6.9	21.2
7 20	18 6.18	-10 16.2	3.044	3.965	7.1	21.4	7 20	18 2.71	-10 34.8	1.909	2.838	10.2	21.4
7 30	18 0.66	-10 19.2	3.119	3.961	9.2	21.6	7 30	17 56.76	-10 34.5	1.981	2.838	13.2	21.6
520426	2014 <i>JZ</i> ₉₀		6 26.7 240°53	8°7/27.8	18		311380	2005 <i>SP</i> ₂₄₅		6 26.7 322°54	1°2/26.6	18	
5 21	18 44.68	+ 3 24.6	2.461	3.222	13.6	21.3	5 21	18 47.21	-26 17.7	1.842	2.693	14.1	20.4
5 31	18 40.50	+ 4 15.4	2.383	3.219	11.9	21.1	5 31	18 43.33	-26 22.7	1.752	2.678	11.0	20.1
6 10	18 34.72	+ 4 51.4	2.325	3.216	10.2	21.0	6 10	18 37.03	-26 26.8	1.684	2.664	7.2	19.9
6 20	18 27.81	+ 5 9.3	2.290	3.213	9.0	20.9	6 20	18 28.89	-26 27.9	1.640	2.650	3.2	19.6
6 30	18 20.38	+ 5 7.3	2.280	3.210	8.7	20.9	6 30	18 19.86	-26 24.2	1.622	2.636	1.9	19.5
7 10	18 13.17	+ 4 45.4	2.294	3.207	9.5	21.0	7 10	18 11.09	-26 15.4	1.630	2.623	6.0	19.7
7 20	18 6.81	+ 4 5.4	2.332	3.204	11.0	21.1	7 20	18 3.64	-26 2.1	1.663	2.610	10.1	19.9
7 30	18 1.90	+ 3 10.4	2.392	3.201	12.7	21.2	7 30	17 58.40	-25 46.1	1.718	2.598	13.7	20.1
414405	2009 <i>BC</i> ₆₉		6 26.7 193°13	3°2/26.6	17		94081	2000 <i>YE</i> ₄₇		6 26.7 115°73	1°1/26.9	18	
5 21	18 55.94	-30 29.4	1.557	2.402	16.6	21.3	5 21	18 46.79	-19 26.5	2.393	3.225	11.9	19.8
5 31	18 50.44	-30 43.6	1.481	2.401	12.9	21.0	5 31	18 42.22	-19 30.5	2.313	3.228	9.1	19.6
6 10	18 41.81	-30 53.1	1.425	2.400	8.8	20.8	6 10	18 35.89	-19 37.9	2.257	3.232	6.0	19.4
6 20	18 30.86	-30 53.6	1.393	2.399	4.6	20.5	6 20	18 28.31	-19 47.9	2.226	3.235	2.7	19.2
6 30	18 18.88	-30 42.1	1.386	2.397	3.6	20.5	6 30	18 20.19	-19 59.7	2.224	3.238	1.6	19.1
7 10	18 7.46	-30 18.5	1.406	2.395	7.4	20.7	7 10	18 12.34	-20 12.4	2.249	3.241	4.8	19.3
7 20	17 57.97	-29 45.4	1.450	2.392	11.7	20.9	7 20	18 5.49	-20 25.5	2.302	3.244	8.0	19.5
7 30	17 51.42	-29 7.2	1.515	2.389	15.6	21.1	7 30	18 0.26	-20 38.8	2.379	3.247	10.9	19.7
203742	2002 <i>QH</i> ₁₁₁		6 26.7 246°27	5°4/27.6	18		155721	2000 <i>QQ</i> ₂₁₄		6 26.7 338°66	0°5/26.7	18	
5 21	18 47.19	- 7 55.4	2.032	2.848	14.3	20.5	5 21	18 46.01	-23 33.6	1.307	2.179	17.5	19.4
5 31	18 42.81	- 7 40.5	1.949	2.843	11.6	20.3	5 31	18 43.25	-23 44.5	1.229	2.167	13.6	19.1
6 10	18 36.42	- 7 37.5	1.887	2.839	8.7	20.1	6 10	18 37.41	-23 58.3	1.171	2.156	8.9	18.8
6 20	18 28.56	- 7 47.7	1.849	2.834	6.2	20.0	6 20	18 29.16	-24 12.5	1.134	2.145	3.7	18.5
6 30	18 20.01	- 8 11.5	1.837	2.829	5.5	19.9	6 30	18 19.72	-24 24.7	1.120	2.136	1.9	18.3
7 10	18 11.69	- 8 47.6	1.851	2.825	7.3	20.0	7 10	18 10.63	-24 33.3	1.130	2.127	7.4	18.6
7 20	18 4.45	- 9 33.9	1.891	2.820	10.2	20.2	7 20	18 3.31	-24 38.0	1.163	2.120	12.5	18.9
7 30	17 59.00	-10 27.6	1.954	2.815	13.2	20.4	7 30	17 58.87	-24 40.0	1.215	2.114	16.9	19.1
429467	2010 <i>WQ</i> ₆₉		6 26.7 271°29	1°3/26.5	18		93863	2000 <i>WL</i> ₁₁₃		6 26.7 180°96	0°5/26.7	18	
5 21	18 52.65	-25 2.8	1.662	2.509	15.6	22.0	5 21	18 48.76	-23 16.0	2.388	3.220	11.9	19.7
5 31	18 48.00	-25 26.3	1.563	2.486	12.2	21.7	5 31	18 43.71	-22 52.5	2.304	3.220	9.1	19.5
6 10	18 40.39	-25 51.9	1.485	2.463	8.1	21.4	6 10	18 36.83	-22 28.4	2.244	3.221	6.0	19.3
6 20	18 30.39	-26 16.5	1.431	2.440	3.5	21.1	6 20	18 28.69	-22 3.3	2.211	3.221	2.5	19.0
6 30	18 19.04	-26 36.5	1.402	2.417	2.2	20.9	6 30	18 20.02	-21 37.4	2.206	3.220	1.3	18.9
7 10	18 7.75	-26 49.8	1.400	2.392	6.9	21.1	7 10	18 11.69	-21 11.2	2.229	3.220	4.8	19.2
7 20	17 57.90	-26 56.0	1.423	2.368	11.7	21.4	7 20	18 4.45	-20 45.9	2.279	3.220	8.1	19.4
7 30	17 50.66	-26 56.9	1.467	2.343	15.9	21.5	7 30	17 58.92	-20 22.7	2.353	3.220	11.0	19.6
41245	1999 <i>XJ</i> ₃₇		6 26.7 297°67	2°4/25.9	18		326602	2002 <i>RU</i> ₁₂		6 26.7 276°82	3°7/26.3	18	
5 21	18 50.69	-24 33.6	1.736	2.583	15.0	17.8	5 21	18 53.65	-30 48.2	1.668	2.512	15.7	20.7
5 31	18 46.46	-25 46.9	1.638	2.562	11.7	17.5	5 31	18 48.92	-31 18.9	1.570	2.489	12.4	20.4
6 10	18 39.41	-27 7.5	1.563	2.541	7.8	17.2	6 10	18 41.07	-31 47.0	1.492	2.466	8.6	20.1
6 20	18 30.01	-28 30.3	1.512	2.520	3.8	17.0	6 20	18 30.70	-32 7.7	1.439	2.442	4.9	19.8
6 30	18 19.22	-29 49.2	1.488	2.500	3.1	16.9	6 30	18 18.94	-32 16.3	1.411	2.418	4.1	19.7
7 10	18 8.34	-30 58.9	1.491	2.479	7.2	17.1	7 10	18 7.29	-32 11.0	1.408	2.394	7.7	19.9
7 20	17 58.74	-31 56.3	1.519	2.458	11.5	17.3	7 20	17 57.23	-31 52.8	1.430	2.370	12.1	20.1
7 30	17 51.61	-32 41.2	1.569	2.438	15.4	17.5	7 30	17 49.96	-31 25.4	1.473	2.345	16.1	20.3
121543	1999 <i>VG</i> ₁		6 26.7 253°17	0°6/26.6	18		463151	2011 <i>YD</i> ₇₂		6 26.7 65°08	0°3/26.7	17	
5 21	18 47.95	-24 44.1	2.767	3.595	10.6	20.9	5 21	18 53.27	-23 8.6	1.333	2.192	18.0	21.2
5 31	18 43.07	-24 55.6	2.663	3.577	8.2	20.7	5 31	18 48.28	-23 2.7	1.279	2.208	13.8	20.9
6 10	18 36.46	-25 7.5	2.584	3.559	5.3	20.5	6 10	18 40.26	-22 58.2	1.244	2.226	9.0	20.7
6 20	18 28.56	-25 18.2	2.531	3.540	2.3	20.2	6 20	18 30.15	-22 53.5	1.232	2.243	3.7	20.5
6 30	18 20.02	-25 26.4	2.507	3.521	1.3	20.1	6 30	18 19.34	-22 47.2	1.245	2.260	1.8	20.4
7 10	18 11.59	-25 31.4	2.512	3.502	4.4	20.3	7 10	18 9.33	-22 39.3	1.283	2.278	7.0	20.7
7 20	18 4.00	-25 33.1	2.544	3.482	7.5	20.5	7 20	18 1.37	-22 30.6	1.344	2.295	11.7	21.1
7 30	17 57.90	-25 32.2	2.602	3.462	10.3	20.6	7 30	17 56.30	-22 22.7	1.426	2.313	15.6	21.3
2378	<i>Pannekoek</i>		6 26.7 190°51	6°2/27.5	18		155506	1999 <i>NM</i> ₄₀		6 26.7 344°54	7°9/27.6	18	
5 21	18 46.69	- 4 5.1	2.510	3.300	12.6	16.3	5 21	18 48.02	-40 15.2	1.159	2.024	19.7	18.2
5 31	18 41.98	- 3 30.9	2.428	3.299	10.5	16.2	5 31	18 45.73	-40 21.1	1.083	2.007	16.3	18.0
6 10	18 35.66	- 3 7.7	2.367	3.298	8.3	16.0	6 10	18 39.45	-40 8.6	1.025	1.992	12.4	17.7
6 20	18 28.20	- 2 57.4	2.332	3.296	6.6	15.9	6 20	18 30.07	-39 31.0	0.985	1.978	9.0	17.5
6 30	18 20.22	- 3 1.1	2.322	3.294	6.2	15.9	6 30	18 19.34	-38 23.9	0.968	1.966	8.0	17.4
7 10	18 12.46	- 3 18.6	2.340	3.291	7.4	16.0	7 10	18 9.37	-36 49.7	0.971	1.955	10.6	17.5
7 20	18 5.57	- 3 48.5	2.383	3.288	9.5	16.1	7 20	18 1.96	-34 56.6	0.996	1.947	14.8	17.7
7 30	18 0.14	- 4 28.5	2.450	3.285	11.7	16.2	7 30	17 58.29	-32 55.3	1.040	1.941	19.0	17.9
224504	2005 <i>WQ</i> ₂₈		6 26.7 159°21	0°8/26.6	17		296353						

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
208365	2001 <i>RX</i> ₁₃₈	6 26.7 284°21		0°9/26.6 18			45110	1999 <i>XH</i> ₇₇	6 26.7 138°24		1°4/26.7 18		
5 21	18 48.62	-24 54.8	2.042	2.884	13.3	20.2	5 21	18 50.26	-20 37.3	2.077	2.912	13.4	19.4
5 31	18 44.15	-25 12.2	1.954	2.875	10.3	20.0	5 31	18 45.07	-20 15.3	2.000	2.917	10.3	19.2
6 10	18 37.44	-25 30.5	1.887	2.865	6.7	19.8	6 10	18 37.83	-19 54.9	1.947	2.922	6.8	19.0
6 20	18 29.05	-25 47.5	1.846	2.856	2.9	19.5	6 20	18 29.14	-19 36.0	1.919	2.927	3.0	18.8
6 30	18 19.84	-26 1.0	1.832	2.846	1.7	19.4	6 30	18 19.89	-19 18.6	1.918	2.932	1.9	18.7
7 10	18 10.87	-26 10.0	1.845	2.837	5.6	19.6	7 10	18 11.03	-19 3.0	1.945	2.936	5.4	18.9
7 20	18 3.10	-26 14.4	1.884	2.827	9.4	19.9	7 20	18 3.42	-18 49.9	1.999	2.941	9.0	19.2
7 30	17 57.35	-26 15.2	1.946	2.818	12.7	20.0	7 30	17 57.75	-18 39.9	2.076	2.945	12.2	19.4
250073	2002 <i>EN</i> ₁₁₄	6 26.7 353°44		3°6/27.1 17			218876	2007 <i>AH</i> ₈	6 26.7 234°18		1°0/26.8 18		
5 21	18 44.63	-16 5.3	1.070	1.950	20.0	19.4	5 21	18 51.79	-20 31.4	1.952	2.787	14.1	21.6
5 31	18 42.48	-15 56.4	1.004	1.944	15.7	19.1	5 31	18 46.64	-20 29.8	1.859	2.776	10.9	21.3
6 10	18 37.04	-15 58.9	0.956	1.939	10.8	18.8	6 10	18 39.11	-20 31.3	1.788	2.764	7.2	21.1
6 20	18 29.05	-16 13.3	0.927	1.935	5.6	18.5	6 20	18 29.77	-20 34.8	1.742	2.751	3.1	20.8
6 30	18 19.85	-16 38.8	0.920	1.933	4.0	18.4	6 30	18 19.54	-20 39.3	1.723	2.738	1.7	20.7
7 10	18 11.12	-17 12.9	0.935	1.932	8.6	18.7	7 10	18 9.51	-20 43.9	1.732	2.724	5.9	20.9
7 20	18 4.36	-17 52.6	0.971	1.932	13.8	19.0	7 20	18 0.72	-20 48.7	1.767	2.709	9.9	21.1
7 30	18 0.73	-18 35.2	1.024	1.933	18.5	19.2	7 30	17 54.05	-20 54.0	1.825	2.695	13.6	21.3
368417	2002 <i>TQ</i> ₂₄₄	6 26.7 273°04		0°6/26.7 17			68026	2000 <i>YU</i> ₂₄	6 26.7 50°75		0°2/26.8 18		
5 21	18 51.72	-24 11.3	1.673	2.521	15.5	21.8	5 21	18 47.42	-21 49.0	2.081	2.923	13.1	18.7
5 31	18 47.15	-24 20.8	1.578	2.502	12.1	21.5	5 31	18 42.93	-22 0.3	2.014	2.935	10.0	18.5
6 10	18 39.76	-24 31.6	1.503	2.482	8.0	21.2	6 10	18 36.44	-22 14.0	1.970	2.948	6.5	18.3
6 20	18 30.13	-24 41.6	1.452	2.462	3.3	20.9	6 20	18 28.58	-22 28.7	1.950	2.960	2.7	18.1
6 30	18 19.29	-24 48.3	1.427	2.442	1.8	20.7	6 30	18 20.17	-22 43.0	1.958	2.973	1.3	18.0
7 10	18 8.60	-24 50.4	1.428	2.421	6.7	21.0	7 10	18 12.15	-22 55.8	1.993	2.986	5.1	18.3
7 20	17 59.35	-24 48.3	1.453	2.400	11.3	21.2	7 20	18 5.35	-23 6.8	2.054	2.999	8.6	18.5
7 30	17 52.63	-24 43.5	1.501	2.379	15.5	21.4	7 30	18 0.41	-23 16.4	2.139	3.013	11.7	18.8
11445	Fedotov	6 26.7 227°72		6°5/25.9 18			91623	1999 <i>TL</i> ₄₁	6 26.7 169°39		0°4/26.7 18		
5 21	18 56.37	-40 33.4	2.206	3.016	13.5	18.4	5 21	18 47.61	-24 12.6	2.749	3.578	10.6	21.5
5 31	18 50.41	-41 24.0	2.119	3.007	11.1	18.2	5 31	18 42.68	-24 20.6	2.666	3.580	8.1	21.4
6 10	18 41.68	-42 6.1	2.054	2.997	8.7	18.0	6 10	18 36.13	-24 28.7	2.607	3.582	5.3	21.2
6 20	18 30.84	-42 34.0	2.013	2.986	6.9	17.9	6 20	18 28.43	-24 35.9	2.574	3.584	2.2	21.0
6 30	18 18.97	-42 43.2	1.999	2.975	6.7	17.9	6 30	18 20.24	-24 40.9	2.571	3.586	1.1	20.9
7 10	18 7.42	-42 32.4	2.011	2.964	8.3	18.0	7 10	18 12.30	-24 43.4	2.596	3.587	4.3	21.1
7 20	17 57.41	-42 3.4	2.049	2.952	10.9	18.1	7 20	18 5.27	-24 43.4	2.648	3.588	7.2	21.3
7 30	17 49.91	-41 20.7	2.109	2.940	13.4	18.2	7 30	17 59.73	-24 41.6	2.726	3.589	9.8	21.5
63908	2001 <i>SM</i> ₂₀	6 26.7 299°78		1°1/26.8 18			442610	2012 <i>KS</i> ₄₄	6 26.7 355°38		15°1/3.6 17		
5 21	18 47.41	-19 56.2	1.991	2.833	13.6	19.2	5 21	18 51.75	+10 8.6	0.996	1.792	27.1	20.2
5 31	18 43.17	-19 57.7	1.904	2.824	10.5	19.0	5 31	18 48.17	+9 56.0	0.931	1.790	24.1	19.9
6 10	18 36.78	-20 3.0	1.839	2.816	6.9	18.8	6 10	18 40.92	+8 55.2	0.878	1.788	20.7	19.7
6 20	18 28.77	-20 11.3	1.798	2.807	3.1	18.5	6 20	18 30.75	+6 57.7	0.840	1.787	17.3	19.5
6 30	18 20.00	-20 21.4	1.785	2.799	1.7	18.4	6 30	18 19.05	+4 1.7	0.822	1.787	15.2	19.4
7 10	18 11.47	-20 32.6	1.798	2.791	5.6	18.7	7 10	18 7.70	+0 17.6	0.825	1.787	15.6	19.4
7 20	18 4.10	-20 44.2	1.837	2.783	9.4	18.9	7 20	17 58.45	-3 55.3	0.850	1.788	18.3	19.6
7 30	17 58.69	-20 56.4	1.899	2.775	12.8	19.1	7 30	17 52.68	-8 14.6	0.896	1.789	22.0	19.8
371857	2008 <i>AE</i> ₇₅	6 26.7 45°34		1°3/26.9 17			476695	2008 <i>TF</i> ₁₀₇	6 26.7 340°31		0°8/26.8 17		
5 21	18 50.20	-19 35.1	1.348	2.208	17.8	21.2	5 21	18 46.55	-20 40.9	1.412	2.276	16.9	20.9
5 31	18 46.03	-19 41.2	1.287	2.217	13.7	21.0	5 31	18 43.39	-20 50.6	1.334	2.267	13.1	20.7
6 10	18 38.92	-19 53.7	1.245	2.226	9.0	20.7	6 10	18 37.37	-21 5.9	1.276	2.259	8.6	20.4
6 20	18 29.69	-20 10.8	1.225	2.235	3.9	20.4	6 20	18 29.16	-21 25.1	1.240	2.251	3.7	20.1
6 30	18 19.59	-20 30.5	1.230	2.245	2.1	20.4	6 30	18 19.88	-21 46.2	1.229	2.244	1.9	19.9
7 10	18 10.09	-20 51.0	1.260	2.255	7.0	20.7	7 10	18 10.93	-22 7.1	1.242	2.238	6.9	20.2
7 20	18 2.44	-21 11.3	1.312	2.265	11.7	21.0	7 20	18 3.60	-22 27.0	1.278	2.233	11.8	20.5
7 30	17 57.55	-21 30.9	1.386	2.276	15.8	21.3	7 30	17 58.91	-22 45.5	1.335	2.229	16.0	20.7
363194	2001 <i>UU</i> ₂₆	6 26.7 293°49		3°5/26.9 17			1122	Neith	6 26.7 269°89		1°5/26.5 18		
5 21	18 49.56	-16 50.6	1.311	2.171	18.2	21.5	5 21	18 51.62	-25 43.2	2.008	2.846	13.7	16.4
5 31	18 46.08	-16 28.0	1.219	2.148	14.5	21.2	5 31	18 46.73	-26 9.3	1.904	2.822	10.6	16.1
6 10	18 39.41	-16 12.3	1.146	2.124	10.0	20.9	6 10	18 39.34	-26 36.8	1.821	2.798	7.1	15.9
6 20	18 30.10	-16 4.5	1.094	2.101	5.3	20.5	6 20	18 29.96	-27 2.7	1.764	2.773	3.2	15.6
6 30	18 19.29	-16 5.0	1.066	2.077	4.0	20.4	6 30	18 19.47	-27 24.0	1.735	2.748	2.1	15.4
7 10	18 8.55	-16 13.7	1.061	2.054	8.5	20.6	7 10	18 9.02	-27 38.9	1.733	2.723	6.1	15.6
7 20	17 59.42	-16 29.7	1.079	2.031	13.8	20.8	7 20	17 59.74	-27 47.0	1.756	2.697	10.1	15.8
7 30	17 53.21	-16 52.3	1.116	2.008	18.6	21.0	7 30	17 52.61	-27 49.5	1.803	2.671	13.8	16.0
118459	1999 <i>XB</i> ₆	6 26.7 265°12		0°1/26.7 17			32550	Sharonthomas	6 26.7 288°37		3°6/26.5 18		
5 21	18 53.33	-22 53.0	1.400	2.255	17.5	20.5	5 21	18 52.28	-31 4.1	1.611	2.460	15.9	18.6
5 31	18 48.89	-22 58.7	1.310	2.238	13.7	20.2	5 31	18 47.83	-31 26.4	1.521	2.443	12.6	18.3
6 10	18 41.17	-23 7.2	1.240	2.221	9.1	19.9	6 10	18 40.32	-31 44.8	1.452	2.427	8.7	18.0
6 20	18 30.79	-23 16.4	1.193	2.203	3.8	19.6	6 20	18 30.40	-31 54.7	1.406	2.411	4.8	17.8
6 30	18 18.97	-23 23.7	1.170	2.185	1.9	19.4	6 30	18 19.27	-31 52.4	1.386	2.394	4.0	17.7
7 10	18 7.33	-23 27.5	1.172	2.167	7.5	19.7	7 10	18 8.41	-31 36.8	1.391	2.378	7.6	17.8
7 20	17 57.43	-23 28.3	1.198	2.148	12.9	19.9	7 20	17 59.25	-31 9.6	1.419	2.362	11.9	18.0
7 30	17 50.53	-23 27.4	1.244	2.129	17.5	20.1	7 30	17 52.89	-30 34.9	1.469	2.346	15.8	18.2
36653	2000 <i>QF</i> ₂₀₀	6 26.7 181°67		2°0/26.5 17			166496	2002 <i>PV</i> ₁₇₂	6 26.7 326°82		0°4/26.7 17		
5 21	18 55.48												

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
70615	1999 TZ ₂₀₄		6 26.7 165°43	0°7/26.7	17	R	183940	2004 DB ₂₉		6 26.7 147°12	1°7/26.6	17	
5 21	18 50.84	-25 9.9	2.008	2.847	13.6	19.7	5 21	18 54.81	-27 2.9	1.953	2.787	14.1	21.7
5 31	18 45.75	-25 14.2	1.930	2.849	10.5	19.5	5 31	18 48.84	-27 24.0	1.881	2.797	10.9	21.5
6 10	18 38.41	-25 18.1	1.873	2.851	6.8	19.2	6 10	18 40.44	-27 43.9	1.831	2.806	7.2	21.3
6 20	18 29.46	-25 19.7	1.842	2.852	2.9	19.0	6 20	18 30.30	-27 59.6	1.806	2.814	3.3	21.1
6 30	18 19.81	-25 17.7	1.838	2.853	1.6	18.9	6 30	18 19.45	-28 8.6	1.809	2.822	2.3	21.0
7 10	18 10.54	-25 11.7	1.862	2.854	5.5	19.2	7 10	18 9.05	-28 10.0	1.840	2.829	5.9	21.2
7 20	18 2.59	-25 2.4	1.912	2.855	9.3	19.4	7 20	18 0.15	-28 4.8	1.897	2.836	9.6	21.5
7 30	17 56.74	-24 51.2	1.985	2.856	12.6	19.6	7 30	17 53.54	-27 54.8	1.978	2.842	12.9	21.7
264512	2001 QM ₂₁₈		6 26.7 288°60	4°4/26.5	18		367478	2009 EZ ₅		6 26.7 7°85	3°0/27.1	17	
5 21	18 52.79	-32 42.9	1.604	2.451	16.1	20.4	5 21	18 43.26	-17 25.9	0.957	1.847	20.9	19.9
5 31	18 48.27	-33 11.0	1.517	2.437	12.7	20.2	5 31	18 41.64	-17 17.8	0.902	1.847	16.3	19.6
6 10	18 40.62	-33 33.9	1.451	2.424	9.0	19.9	6 10	18 36.56	-17 20.5	0.864	1.850	11.0	19.3
6 20	18 30.54	-33 46.6	1.409	2.410	5.4	19.7	6 20	18 28.90	-17 33.7	0.844	1.854	5.4	19.0
6 30	18 19.24	-33 45.0	1.391	2.396	4.7	19.6	6 30	18 20.12	-17 56.3	0.846	1.860	3.5	18.9
7 10	18 8.28	-33 27.8	1.398	2.383	8.0	19.8	7 10	18 12.00	-18 25.5	0.868	1.867	8.6	19.2
7 20	17 59.08	-32 57.2	1.429	2.369	12.1	20.0	7 20	18 6.06	-18 58.8	0.910	1.876	13.9	19.6
7 30	17 52.77	-32 17.6	1.482	2.356	15.9	20.2	7 30	18 3.37	-19 33.7	0.971	1.887	18.6	19.9
90859	1996 HH ₂₀		6 26.7 134°99	0°3/26.8	18		512836	2016 UM ₁₂₂		6 26.7 319°72	5°2/25.9	18	
5 21	18 53.82	-21 31.4	1.529	2.376	16.7	19.7	5 21	18 50.83	-35 27.8	2.012	2.846	13.8	21.2
5 31	18 48.61	-21 46.2	1.459	2.383	12.9	19.5	5 31	18 46.18	-36 17.3	1.931	2.840	11.0	21.0
6 10	18 40.55	-22 5.2	1.411	2.390	8.4	19.2	6 10	18 38.95	-37 1.5	1.873	2.835	8.1	20.8
6 20	18 30.40	-22 25.9	1.386	2.396	3.5	18.9	6 20	18 29.77	-37 35.2	1.839	2.830	5.7	20.6
6 30	18 19.35	-22 45.8	1.387	2.402	1.7	18.8	6 30	18 19.67	-37 54.5	1.831	2.825	5.4	20.6
7 10	18 8.81	-23 3.1	1.414	2.408	6.6	19.2	7 10	18 9.88	-37 57.8	1.850	2.820	7.6	20.7
7 20	18 0.01	-23 17.4	1.466	2.413	11.2	19.4	7 20	18 1.54	-37 46.2	1.893	2.816	10.5	20.9
7 30	17 53.89	-23 29.4	1.539	2.418	15.1	19.7	7 30	17 55.55	-37 23.1	1.958	2.812	13.4	21.1
290462	2005 TR ₁₆₈		6 26.7 188°43	4°4/26.9	18	R	309145	2006 YR ₆		6 26.7 168°38	1°3/26.5	18	
5 21	18 46.22	-11 0.1	2.366	3.183	12.5	21.1	5 21	18 48.92	-25 41.4	2.492	3.323	11.5	21.1
5 31	18 41.76	-10 25.3	2.285	3.183	10.0	21.0	5 31	18 43.95	-26 12.8	2.410	3.325	8.8	20.9
6 10	18 35.61	-9 57.7	2.226	3.183	7.3	20.8	6 10	18 37.11	-26 44.8	2.352	3.327	5.8	20.7
6 20	18 28.27	-9 38.6	2.193	3.183	5.0	20.6	6 20	18 28.92	-27 14.9	2.320	3.328	2.6	20.5
6 30	18 20.41	-9 29.0	2.187	3.182	4.5	20.6	6 30	18 20.11	-27 40.9	2.317	3.330	1.8	20.5
7 10	18 12.80	-9 29.0	2.208	3.182	6.3	20.7	7 10	18 11.53	-28 1.6	2.342	3.331	4.8	20.7
7 20	18 6.15	-9 38.0	2.255	3.182	8.9	20.9	7 20	18 3.97	-28 16.5	2.394	3.332	8.0	20.9
7 30	18 1.05	-9 54.8	2.326	3.181	11.5	21.1	7 30	17 58.10	-28 26.4	2.471	3.332	10.7	21.1
124253	2001 QH ₄		6 26.7 11°64	2°3/26.9	17		439751	2015 FB ₃₂₅		6 26.7 59°33	0°9/26.6	18	
5 21	18 45.11	-18 9.3	1.054	1.932	20.3	19.1	5 21	18 50.41	-22 39.3	1.727	2.574	15.1	20.4
5 31	18 48.20	-18 10.0	0.994	1.933	15.8	18.8	5 31	18 45.80	-23 22.9	1.656	2.580	11.6	20.2
6 10	18 38.82	-18 20.3	0.951	1.935	10.6	18.5	6 10	18 38.65	-24 10.9	1.608	2.587	7.5	19.9
6 20	18 29.81	-18 39.3	0.929	1.938	4.9	18.2	6 20	18 29.63	-24 59.7	1.584	2.594	3.1	19.7
6 30	18 19.64	-19 4.7	0.928	1.942	3.0	18.1	6 30	18 19.77	-25 45.6	1.586	2.601	1.8	19.6
7 10	18 10.08	-19 34.1	0.949	1.946	8.3	18.4	7 10	18 10.29	-26 25.7	1.616	2.608	6.1	19.9
7 20	18 2.68	-20 5.2	0.991	1.952	13.7	18.7	7 20	18 2.29	-26 58.8	1.670	2.616	10.2	20.2
7 30	17 58.56	-20 36.6	1.052	1.958	18.4	19.0	7 30	17 56.63	-27 25.2	1.747	2.623	13.8	20.4
322397	2011 QQ ₈₃		6 26.7 254°16	1°1/26.9	18		87408	2000 QN ₈₃		6 26.7 259°21	1°9/26.9	18	
5 21	18 48.29	-19 50.1	2.127	2.963	13.0	20.8	5 21	18 49.54	-18 18.7	1.818	2.659	14.7	19.5
5 31	18 43.72	-19 51.6	2.039	2.956	10.1	20.6	5 31	18 45.02	-18 12.1	1.731	2.650	11.5	19.3
6 10	18 37.09	-19 56.6	1.973	2.949	6.7	20.3	6 10	18 38.11	-18 10.5	1.667	2.642	7.7	19.1
6 20	18 28.94	-20 4.3	1.933	2.941	2.9	20.1	6 20	18 29.42	-18 13.5	1.626	2.634	3.7	18.8
6 30	18 20.07	-20 13.7	1.919	2.934	1.7	20.0	6 30	18 19.86	-18 20.3	1.612	2.625	2.4	18.7
7 10	18 11.42	-20 24.1	1.934	2.926	5.3	20.2	7 10	18 10.57	-18 30.2	1.625	2.616	6.2	18.9
7 20	18 3.89	-20 34.9	1.974	2.918	9.0	20.4	7 20	18 2.56	-18 42.7	1.662	2.608	10.3	19.1
7 30	17 58.20	-20 46.1	2.039	2.910	12.3	20.6	7 30	17 56.71	-18 57.4	1.723	2.599	13.9	19.4
327722	2006 SV ₁₅₉		6 26.7 176°47	4°1/26.2	17		357834	2005 UE ₁₂₄		6 26.7 202°29	5°2/26.1	17	
5 21	18 55.19	-31 53.2	1.805	2.641	15.0	21.9	5 21	18 56.08	-31 54.1	1.372	2.224	18.0	21.1
5 31	18 49.63	-32 38.9	1.729	2.643	11.8	21.7	5 31	18 51.22	-32 51.6	1.301	2.223	14.2	20.8
6 10	18 41.24	-33 21.1	1.674	2.644	8.2	21.5	6 10	18 42.75	-33 46.1	1.249	2.222	10.0	20.6
6 20	18 30.71	-33 54.6	1.645	2.644	5.0	21.3	6 20	18 31.48	-34 30.4	1.220	2.221	6.2	20.3
6 30	18 19.21	-34 15.1	1.641	2.645	4.5	21.3	6 30	18 18.85	-34 57.8	1.216	2.219	5.6	20.3
7 10	18 8.11	-34 20.9	1.664	2.645	7.4	21.5	7 10	18 6.72	-35 5.7	1.235	2.218	9.1	20.5
7 20	17 58.68	-34 13.3	1.713	2.644	10.9	21.7	7 20	17 56.77	-34 55.8	1.278	2.216	13.3	20.7
7 30	17 51.87	-33 55.6	1.783	2.643	14.3	21.9	7 30	17 50.20	-34 33.1	1.340	2.214	17.3	21.0
69818	1998 RP ₆₁		6 26.7 225°63	3°0/26.4	18		428342	2007 KE ₈		6 26.7 21°02	0°6/26.9	17	
5 21	18 52.83	-32 36.8	2.702	3.520	11.1	20.2	5 21	18 48.58	-16 56.8	1.347	2.206	17.8	19.9
5 31	18 46.98	-33 0.4	2.603	3.507	8.7	20.0	5 31	18 44.95	-18 5.0	1.283	2.213	13.8	19.7
6 10	18 39.11	-33 20.1	2.528	3.493	6.1	19.8	6 10	18 38.38	-19 26.7	1.240	2.221	9.0	19.4
6 20	18 29.76	-33 32.9	2.480	3.478	3.7	19.6	6 20	18 29.60	-20 57.5	1.219	2.229	3.8	19.1
6 30	18 19.68	-33 36.5	2.460	3.463	3.2	19.6	6 30	18 19.78	-22 31.0	1.224	2.239	1.8	19.0
7 10	18 9.78	-33 30.2	2.469	3.447	5.4	19.7	7 10	18 10.39	-24 0.8	1.253	2.249	7.0	19.4
7 20	18 0.91	-33 14.7	2.505	3.431	8.2	19.8	7 20	18 2.73	-25 22.1	1.307	2.260	11.7	19.7
7 30	17 53.81	-32 52.3	2.567	3.413	10.9	20.0	7 30	17 57.82	-26 32.7	1.382	2.272	15.8	19.9
325848	2010 TR ₃₇		6 26.7 270°82	5°2/26.3	17		424572	2008 FO ₁₃₃		6 26.7 335°23	3°2/26.5	17	

EPHEMERIDES

6 26.7

6 26.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
316381	2010 <i>TJ</i> ₁₇		6 26.7 164°89	0°6/26.7	18		220481	2004 <i>CE</i> ₂₉		6 26.7 357°39	1°8/26.9	17	
5 21	18 47.91	-25 26.2	2.813	3.640	10.5	21.7	5 21	18 43.62	-19 0.8	1.068	1.952	19.6	19.5
5 31	18 42.88	-25 28.3	2.730	3.643	8.0	21.6	5 31	18 41.78	-19 5.0	1.004	1.947	15.3	19.2
6 10	18 36.26	-25 29.7	2.671	3.646	5.2	21.4	6 10	18 36.64	-19 17.9	0.957	1.943	10.2	18.9
6 20	18 28.53	-25 29.2	2.639	3.649	2.2	21.2	6 20	18 28.97	-19 38.6	0.930	1.941	4.6	18.6
6 30	18 20.34	-25 25.8	2.637	3.651	1.2	21.1	6 30	18 20.11	-20 4.9	0.925	1.940	2.6	18.4
7 10	18 12.41	-25 19.5	2.663	3.653	4.2	21.3	7 10	18 11.75	-20 34.3	0.942	1.941	8.0	18.8
7 20	18 5.40	-25 10.6	2.716	3.655	7.1	21.5	7 20	18 5.39	-21 4.4	0.979	1.943	13.4	19.1
7 30	17 59.87	-25 0.1	2.795	3.657	9.6	21.7	7 30	18 2.16	-21 34.0	1.035	1.947	18.1	19.4
311362	2005 <i>SX</i> ₄₆		6 26.7 158°02	4°2/26.2	18		317054	2001 <i>SZ</i> ₈₉		6 26.7 255°01	1°0/26.7	17	
5 21	18 51.26	-36 0.7	2.590	3.408	11.5	21.1	5 21	18 52.10	-25 30.7	1.828	2.671	14.6	21.7
5 31	18 45.82	-36 35.8	2.512	3.412	9.2	21.0	5 31	18 47.17	-25 38.7	1.736	2.657	11.3	21.4
6 10	18 38.35	-37 5.1	2.457	3.415	6.7	20.8	6 10	18 39.64	-25 46.5	1.666	2.643	7.5	21.2
6 20	18 29.43	-37 25.1	2.429	3.418	4.6	20.7	6 20	18 30.10	-25 51.8	1.620	2.629	3.2	20.9
6 30	18 19.89	-37 33.3	2.428	3.421	4.4	20.7	6 30	18 19.56	-25 52.5	1.600	2.615	1.8	20.7
7 10	18 10.67	-37 29.1	2.455	3.423	6.1	20.8	7 10	18 9.25	-25 47.7	1.608	2.600	6.2	21.0
7 20	18 2.62	-37 13.5	2.508	3.426	8.5	21.0	7 20	18 0.33	-25 38.2	1.641	2.585	10.4	21.2
7 30	17 56.45	-36 49.2	2.585	3.428	10.9	21.1	7 30	17 53.76	-25 25.8	1.696	2.570	14.2	21.4
60476	2000 <i>DV</i> ₃₆		6 26.7 250°74	1°8/26.9	18		271818	2004 <i>TB</i> ₁₂₈		6 26.7 327°62	7°7/27.6	17	
5 21	18 48.47	-18 2.0	2.064	2.899	13.4	20.1	5 21	18 45.29	-6 55.0	1.472	2.309	17.7	20.0
5 31	18 43.91	-18 1.1	1.976	2.892	10.4	19.8	5 31	18 42.18	-6 16.8	1.391	2.297	14.7	19.7
6 10	18 37.25	-18 5.1	1.910	2.885	7.0	19.6	6 10	18 36.50	-5 53.8	1.330	2.284	11.4	19.5
6 20	18 29.03	-18 13.4	1.870	2.877	3.3	19.4	6 20	18 28.84	-5 49.5	1.289	2.273	8.5	19.3
6 30	18 20.07	-18 25.3	1.857	2.869	2.2	19.3	6 30	18 20.18	-6 6.0	1.271	2.262	7.8	19.2
7 10	18 11.34	-18 39.9	1.870	2.862	5.6	19.5	7 10	18 11.75	-6 42.6	1.277	2.251	9.8	19.3
7 20	18 3.73	-18 56.4	1.910	2.854	9.3	19.7	7 20	18 4.70	-7 36.4	1.305	2.242	13.2	19.5
7 30	17 58.00	-19 14.4	1.974	2.846	12.6	19.9	7 30	18 0.00	-8 42.8	1.354	2.233	16.8	19.7
344801	2003 <i>YE</i> ₁₈₁		6 26.7 252°24	0°1/26.7	18		249206	2008 <i>DX</i> ₄₅		6 26.7 24°43	10°7/26.6	16	
5 21	18 51.88	-23 47.2	2.633	3.455	11.2	21.8	5 21	18 53.79	-46 36.3	1.514	2.339	17.9	18.7
5 31	18 46.20	-23 34.9	2.520	3.430	8.7	21.6	5 31	18 49.49	-47 50.7	1.470	2.356	15.3	18.5
6 10	18 38.61	-23 21.9	2.431	3.405	5.7	21.3	6 10	18 41.49	-48 47.3	1.446	2.374	12.8	18.4
6 20	18 29.57	-23 7.0	2.370	3.379	2.4	21.1	6 20	18 30.85	-49 18.0	1.441	2.393	11.0	18.4
6 30	18 19.80	-22 49.8	2.337	3.352	1.2	20.9	6 30	18 19.28	-49 17.8	1.459	2.413	10.8	18.4
7 10	18 10.14	-22 30.4	2.334	3.325	4.7	21.2	7 10	18 8.72	-48 47.1	1.499	2.434	12.0	18.5
7 20	18 1.38	-22 9.7	2.360	3.296	8.1	21.3	7 20	18 0.69	-47 51.4	1.560	2.455	14.1	18.7
7 30	17 54.25	-21 48.9	2.410	3.267	11.1	21.5	7 30	17 56.14	-46 38.7	1.640	2.478	16.3	18.9
193394	2000 <i>WX</i> ₁		6 26.7 220°24	0°9/26.8	18		335545	2006 <i>BA</i> ₆₉		6 26.7 98°14	2°9/26.5	17	
5 21	18 50.88	-20 52.2	2.256	3.085	12.6	21.1	5 21	18 52.56	-29 52.0	1.819	2.661	14.7	21.1
5 31	18 45.60	-20 44.0	2.163	3.076	9.8	20.9	5 31	18 47.39	-30 18.8	1.749	2.668	11.4	20.9
6 10	18 38.26	-20 37.7	2.093	3.067	6.4	20.6	6 10	18 39.63	-30 42.5	1.701	2.675	7.7	20.7
6 20	18 29.43	-20 32.5	2.049	3.057	2.8	20.4	6 20	18 30.02	-30 59.4	1.678	2.683	4.1	20.5
6 30	18 19.89	-20 27.8	2.033	3.047	1.6	20.3	6 30	18 19.65	-31 6.7	1.681	2.690	3.3	20.5
7 10	18 10.57	-20 23.4	2.045	3.036	5.2	20.5	7 10	18 9.77	-31 3.4	1.710	2.697	6.5	20.7
7 20	18 2.34	-20 19.6	2.085	3.025	8.8	20.7	7 20	18 1.47	-30 50.9	1.765	2.704	10.2	20.9
7 30	17 55.94	-20 16.9	2.148	3.013	12.0	20.9	7 30	17 55.61	-30 32.1	1.842	2.711	13.5	21.2
127935	Reedmckenna		6 26.7 334°76	4°8/27.0	18		188183	2002 <i>JM</i> ₁₁₈		6 26.7 94°82	9°3/24.5	18	
5 21	18 42.24	-14 48.1	1.213	2.086	18.5	18.7	5 21	19 0.73	-50 48.6	2.501	3.267	13.3	20.3
5 31	18 40.50	-14 19.0	1.129	2.064	14.8	18.4	5 31	18 54.04	-52 27.0	2.448	3.283	11.7	20.2
6 10	18 35.77	-13 59.3	1.063	2.042	10.5	18.1	6 10	18 44.23	-53 51.7	2.418	3.299	10.2	20.2
6 20	18 28.64	-13 51.3	1.018	2.022	6.2	17.7	6 20	18 32.01	-54 55.8	2.411	3.315	9.4	20.1
6 30	18 20.22	-13 56.4	0.994	2.003	5.1	17.6	6 30	18 18.64	-55 34.4	2.429	3.331	9.5	20.2
7 10	18 11.97	-14 14.4	0.993	1.986	8.9	17.8	7 10	18 5.66	-55 46.3	2.471	3.346	10.3	20.2
7 20	18 5.33	-14 43.6	1.012	1.970	13.8	18.0	7 20	17 54.48	-55 33.8	2.535	3.362	11.6	20.4
7 30	18 1.50	-15 21.5	1.050	1.956	18.4	18.2	7 30	17 46.19	-55 2.4	2.621	3.377	13.1	20.5
330856	Ernsthelene		6 26.7 295°48	4°9/26.9	17		432780	2011 <i>FE</i> ₄₇		6 26.7 56°32	5°5/25.9	17	
5 21	18 48.28	-13 24.9	1.528	2.373	16.8	20.9	5 21	18 53.24	-34 19.7	1.705	2.546	15.5	20.9
5 31	18 44.53	-12 52.5	1.438	2.356	13.5	20.6	5 31	18 48.36	-35 19.8	1.637	2.550	12.3	20.7
6 10	18 38.07	-12 28.6	1.368	2.338	9.6	20.4	6 10	18 40.52	-36 14.7	1.590	2.555	8.9	20.5
6 20	18 29.50	-12 15.1	1.321	2.320	6.0	20.1	6 20	18 30.47	-36 58.2	1.566	2.560	6.1	20.4
6 30	18 19.82	-12 13.4	1.298	2.303	5.1	20.0	6 30	18 19.42	-37 25.4	1.569	2.565	5.8	20.4
7 10	18 10.30	-12 23.5	1.299	2.285	8.3	20.1	7 10	18 8.85	-37 34.4	1.596	2.570	8.3	20.5
7 20	18 2.18	-12 44.4	1.324	2.268	12.5	20.3	7 20	18 0.05	-37 26.7	1.648	2.575	11.6	20.7
7 30	17 56.48	-13 14.4	1.370	2.251	16.5	20.5	7 30	17 54.01	-37 6.2	1.721	2.581	14.7	21.0
342725	2008 <i>WL</i> ₂₅		6 26.7 211°12	2°9/26.9	17		323426	2004 <i>FA</i> ₃₂		6 26.7 33°20	0°7/27.0	18	
5 21	18 49.09	-16 23.7	2.020	2.853	13.8	21.0	5 21	18 53.33	-13 31.8	1.287	2.136	19.1	19.1
5 31	18 44.32	-15 58.4	1.938	2.851	10.8	20.8	5 31	18 48.79	-15 22.9	1.223	2.146	14.9	18.8
6 10	18 37.46	-15 37.8	1.877	2.848	7.4	20.6	6 10	18 41.04	-17 35.3	1.179	2.157	9.8	18.6
6 20	18 29.10	-15 22.5	1.842	2.846	4.0	20.4	6 20	18 30.77	-20 2.2	1.159	2.168	4.2	18.3
6 30	18 20.07	-15 12.9	1.834	2.843	3.2	20.3	6 30	18 19.26	-22 33.0	1.165	2.181	1.9	18.2
7 10	18 11.34	-15 9.1	1.853	2.840	6.1	20.5	7 10	18 8.13	-24 56.7	1.199	2.194	7.4	18.5
7 20	18 3.80	-15 10.9	1.897	2.837	9.6	20.7	7 20	17 58.87	-27 5.3	1.257	2.207	12.5	18.9
7 30	17 58.16	-15 17.9	1.965	2.833	12.8	20.9	7 30	17 52.63	-28 55.3	1.338	2.221	16.7	19.2
156367	2001 <i>XC</i> ₂₄₈		6 26.7 115°60	0°6/26.6	17		137814	1999 <i>YJ</i> _{17</}					

EPHEMERIDES

6 26.7

6 26.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
120130	2003 <i>FL</i> ₁₁₉		6 26.7 135°31'	4.2°/27.3	18		45117	1999 <i>XA</i> ₈₅		6 26.8 128°67'	0.3°/26.8	18	
5 21	18 50.53	-11 54.8	2.006	2.827	14.3	20.7	5 21	18 51.25	-22 56.2	2.246	3.077	12.6	19.7
5 31	18 45.30	-11 35.9	1.935	2.837	11.3	20.5	5 31	18 45.70	-22 45.9	2.173	3.088	9.7	19.6
6 10	18 38.02	-11 25.7	1.886	2.847	8.1	20.3	6 10	18 38.21	-22 36.0	2.124	3.100	6.3	19.4
6 20	18 29.32	-11 25.0	1.862	2.857	5.1	20.2	6 20	18 29.38	-22 25.5	2.101	3.110	2.6	19.2
6 30	18 20.04	-11 33.8	1.864	2.866	4.3	20.1	6 30	18 20.06	-22 14.0	2.106	3.121	1.3	19.1
7 10	18 11.13	-11 51.5	1.894	2.874	6.6	20.3	7 10	18 11.15	-22 1.6	2.139	3.131	4.9	19.3
7 20	18 3.46	-12 16.5	1.950	2.883	9.7	20.5	7 20	18 3.45	-21 49.0	2.200	3.141	8.4	19.6
7 30	17 57.69	-12 47.2	2.029	2.890	12.7	20.7	7 30	17 57.61	-21 37.1	2.284	3.150	11.3	19.8
437581	2014 <i>AQ</i> ₄₁		6 26.7 282°56'	1.6°/26.7	18		100127	1993 <i>QA</i> ₈		6 26.8 333°45'	1.3°/26.9	18	
5 21	18 50.72	-27 31.6	1.878	2.722	14.2	21.1	5 21	18 45.47	-19 30.4	1.260	2.132	18.0	19.3
5 31	18 45.95	-27 35.3	1.796	2.717	11.0	20.9	5 31	18 42.97	-19 39.4	1.180	2.116	14.1	19.0
6 10	18 38.72	-27 36.7	1.735	2.712	7.3	20.7	6 10	18 37.39	-19 56.1	1.118	2.102	9.4	18.7
6 20	18 29.68	-27 33.5	1.699	2.707	3.3	20.4	6 20	18 29.34	-20 19.3	1.078	2.089	4.1	18.3
6 30	18 19.84	-27 24.1	1.689	2.703	2.1	20.3	6 30	18 20.00	-20 46.9	1.061	2.076	2.2	18.2
7 10	18 10.37	-27 8.4	1.706	2.698	6.0	20.6	7 10	18 10.92	-21 16.4	1.067	2.065	7.6	18.5
7 20	18 2.33	-26 47.5	1.749	2.693	9.9	20.8	7 20	18 3.55	-21 45.9	1.095	2.055	12.8	18.7
7 30	17 56.54	-26 23.9	1.814	2.689	13.4	21.0	7 30	17 59.07	-22 14.4	1.143	2.046	17.5	19.0
68668	2002 <i>CA</i> ₁₀₉		6 26.7 81°67'	2.0°/27.0	18		38541	Rustichelli		6 26.8 330°73'	0.2°/26.7	18	R
5 21	18 52.60	-17 47.8	1.407	2.258	17.7	19.4	5 21	18 46.91	-24 20.6	1.934	2.782	13.7	18.2
5 31	18 47.71	-17 53.9	1.347	2.272	13.7	19.2	5 31	18 42.95	-24 14.5	1.847	2.771	10.6	18.0
6 10	18 39.97	-18 7.8	1.308	2.285	9.1	19.0	6 10	18 36.75	-24 8.2	1.782	2.761	6.9	17.8
6 20	18 30.20	-18 28.1	1.291	2.299	4.2	18.7	6 20	18 28.89	-24 0.6	1.742	2.752	2.9	17.5
6 30	18 19.62	-18 52.7	1.299	2.313	2.6	18.7	6 30	18 20.27	-23 50.7	1.728	2.743	1.4	17.4
7 10	18 9.67	-19 19.5	1.333	2.327	7.0	19.0	7 10	18 11.93	-23 38.5	1.740	2.734	5.6	17.6
7 20	18 1.55	-19 47.1	1.391	2.340	11.5	19.3	7 20	18 4.84	-23 24.8	1.778	2.726	9.5	17.9
7 30	17 56.13	-20 14.6	1.470	2.354	15.4	19.5	7 30	17 59.80	-23 10.7	1.839	2.719	13.0	18.1
491730	2012 <i>VE</i>		6 26.7 223°58'	1.5°/26.4	18		507488	2012 <i>UX</i> ₁₉		6 26.8 162°50'	1.7°/26.9	17	
5 21	18 51.12	-24 57.7	2.187	3.021	12.8	22.0	5 21	18 49.09	-17 51.7	2.066	2.899	13.5	21.7
5 31	18 46.03	-25 44.6	2.098	3.014	9.9	21.7	5 31	18 44.32	-17 54.4	1.986	2.901	10.4	21.5
6 10	18 38.71	-26 33.9	2.032	3.008	6.5	21.5	6 10	18 37.48	-18 2.3	1.929	2.903	7.0	21.3
6 20	18 29.70	-27 22.5	1.993	3.001	3.0	21.3	6 20	18 29.16	-18 14.6	1.898	2.905	3.3	21.0
6 30	18 19.81	-28 6.8	1.981	2.994	2.1	21.2	6 30	18 20.17	-18 30.4	1.893	2.906	2.1	20.9
7 10	18 10.08	-28 44.4	1.998	2.986	5.6	21.4	7 10	18 11.47	-18 48.5	1.916	2.907	5.5	21.2
7 20	18 1.47	-29 14.3	2.041	2.978	9.1	21.6	7 20	18 3.95	-19 8.1	1.965	2.909	9.1	21.4
7 30	17 54.82	-29 36.9	2.108	2.970	12.3	21.8	7 30	17 58.31	-19 28.6	2.038	2.909	12.3	21.6
240192	2002 <i>QX</i> ₁₂₃		6 26.7 295°39'	2.0°/26.9	18		377646	2005 <i>UH</i> ₁₁₄		6 26.8 245°05'	0.5°/26.7	17	
5 21	18 47.85	-17 44.6	1.860	2.702	14.4	20.9	5 21	18 51.60	-24 10.5	1.880	2.721	14.3	21.9
5 31	18 43.71	-17 41.4	1.772	2.691	11.2	20.7	5 31	18 46.68	-24 18.5	1.790	2.711	11.1	21.6
6 10	18 37.27	-17 43.8	1.706	2.681	7.6	20.4	6 10	18 39.27	-24 27.4	1.722	2.700	7.3	21.4
6 20	18 29.11	-17 51.4	1.663	2.671	3.7	20.2	6 20	18 29.97	-24 35.1	1.679	2.689	3.0	21.1
6 30	18 20.11	-18 3.6	1.648	2.660	2.4	20.1	6 30	18 19.75	-24 39.9	1.663	2.678	1.6	20.9
7 10	18 11.33	-18 19.3	1.658	2.650	6.1	20.3	7 10	18 9.78	-24 40.7	1.674	2.667	5.9	21.2
7 20	18 3.76	-18 37.6	1.694	2.640	10.1	20.5	7 20	18 1.14	-24 38.0	1.710	2.655	10.1	21.4
7 30	17 58.25	-18 58.0	1.753	2.631	13.6	20.7	7 30	17 54.75	-24 33.0	1.770	2.643	13.8	21.6
128712	2004 <i>RV</i> ₁₀₇		6 26.7 173°81'	3.8°/26.6	18		305510	2008 <i>EX</i> ₁₄₈		6 26.8 168°19'	0.3°/26.8	18	
5 21	18 56.45	-31 20.0	1.528	2.373	16.8	20.1	5 21	18 48.28	-22 20.1	2.689	3.516	10.9	21.8
5 31	18 50.99	-31 46.2	1.455	2.375	13.2	19.9	5 31	18 43.23	-22 19.2	2.606	3.519	8.4	21.6
6 10	18 42.32	-32 7.7	1.403	2.376	9.1	19.6	6 10	18 36.55	-22 19.3	2.547	3.521	5.4	21.4
6 20	18 31.24	-32 19.5	1.373	2.377	5.1	19.4	6 20	18 28.71	-22 19.5	2.514	3.524	2.3	21.2
6 30	18 19.11	-32 17.6	1.370	2.377	4.2	19.3	6 30	18 20.40	-22 19.0	2.511	3.526	1.1	21.1
7 10	18 7.56	-32 1.5	1.391	2.378	7.7	19.5	7 10	18 12.34	-22 17.7	2.536	3.528	4.3	21.3
7 20	17 57.99	-31 33.6	1.437	2.378	11.9	19.8	7 20	18 5.21	-22 15.5	2.589	3.529	7.3	21.5
7 30	17 51.45	-30 58.5	1.504	2.377	15.8	20.0	7 30	17 59.59	-22 13.1	2.667	3.530	10.0	21.7
381489	2008 <i>SR</i> ₈₄		6 26.7 166°11'	5.0°/27.3	17		512735	2016 <i>UJ</i> ₂₇		6 26.8 229°13'	0.2°/26.8	18	
5 21	18 48.85	-9 49.5	2.065	2.882	14.1	21.3	5 21	18 48.02	-21 56.0	2.862	3.686	10.4	22.5
5 31	18 44.03	-9 24.1	1.987	2.884	11.3	21.1	5 31	18 43.06	-22 4.1	2.763	3.674	8.0	22.3
6 10	18 37.23	-9 8.3	1.931	2.887	8.3	20.9	6 10	18 36.49	-22 13.8	2.688	3.662	5.2	22.1
6 20	18 29.02	-9 3.5	1.900	2.889	5.7	20.8	6 20	18 28.72	-22 24.1	2.640	3.649	2.2	21.9
6 30	18 20.19	-9 10.3	1.895	2.891	5.1	20.7	6 30	18 20.38	-22 33.9	2.621	3.636	1.1	21.8
7 10	18 11.66	-9 28.1	1.917	2.892	7.0	20.8	7 10	18 12.18	-22 42.6	2.631	3.622	4.2	22.0
7 20	18 4.26	-9 55.5	1.965	2.893	9.9	21.0	7 20	18 4.78	-22 50.0	2.669	3.608	7.2	22.1
7 30	17 58.66	-10 30.4	2.035	2.894	12.8	21.2	7 30	17 58.77	-22 56.2	2.733	3.593	9.9	22.3
321837	2010 <i>RO</i> ₁₀₂		6 26.8 122°60'	1.3°/26.8	17		292924	2006 <i>VN</i> ₆₅		6 26.8 269°32'	3.5°/26.7	18	
5 21	18 53.06	-20 34.1	1.625	2.469	16.0	21.5	5 21	18 47.63	-14 51.9	2.209	3.036	12.9	20.6
5 31	18 47.80	-20 24.4	1.557	2.478	12.4	21.3	5 31	18 43.07	-14 11.6	2.120	3.028	10.2	20.4
6 10	18 39.91	-20 17.9	1.509	2.487	8.1	21.0	6 10	18 36.62	-13 35.6	2.054	3.020	7.2	20.2
6 20	18 30.16	-20 13.7	1.485	2.495	3.6	20.8	6 20	18 28.80	-13 5.3	2.014	3.012	4.4	20.0
6 30	18 19.66	-20 10.9	1.488	2.503	2.0	20.7	6 30	18 20.36	-12 41.8	2.000	3.004	3.8	19.9
7 10	18 9.69	-20 9.2	1.517	2.510	6.4	21.0	7 10	18 12.16	-12 25.8	2.014	2.996	6.2	20.1
7 20	18 1.35	-20 8.7	1.571	2.517	10.7	21.3	7 20	18 5.00	-12 17.7	2.054	2.988	9.3	20.3
7 30	17 55.49	-20 10.1	1.647	2.524	14.4	21.5	7 30	17 59.55	-12 17.0	2.118	2.980	12.3	20.4
117702	2005 <i>EO</i> ₂₉₅		6 26.8 251°76'	0.1°/26.8	18		36396</						

EPHEMERIDES

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6 26.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
7696	Liebe		6 26.8 174°61	0°7/26.9	18	R	473290	2015 <i>PF</i> ₂₉₄		6 26.8 327°51	16°8/29.7	18	
5 21	18 49.58	-20 33.0	1.968	2.807	13.8	18.3	5 21	18 43.87	+20 45.7	1.931	2.605	19.4	20.5
5 31	18 44.86	-20 42.9	1.888	2.807	10.7	18.1	5 31	18 40.69	+21 58.6	1.852	2.583	18.5	20.4
6 10	18 37.92	-20 56.6	1.831	2.808	7.0	17.9	6 10	18 35.37	+22 43.7	1.787	2.562	17.6	20.2
6 20	18 29.37	-21 12.6	1.799	2.808	3.0	17.6	6 20	18 28.41	+22 54.0	1.737	2.541	17.0	20.1
6 30	18 20.09	-21 29.4	1.793	2.808	1.5	17.5	6 30	18 20.61	+22 24.6	1.704	2.521	16.8	20.1
7 10	18 11.12	-21 45.7	1.815	2.809	5.5	17.8	7 10	18 12.93	+21 14.3	1.689	2.502	17.1	20.0
7 20	18 3.40	-22 1.0	1.863	2.809	9.4	18.0	7 20	18 6.33	+19 25.8	1.691	2.484	17.9	20.0
7 30	17 57.70	-22 15.4	1.935	2.808	12.7	18.2	7 30	18 1.62	+17 5.3	1.711	2.466	19.0	20.1
206035	2002 <i>QV</i> ₁₂		6 26.8 264°66	1°2/26.8	17		266806	2009 <i>SF</i> ₃₅₂		6 26.8 210°12	2°5/26.5	18	
5 21	18 49.19	-20 46.5	2.012	2.851	13.6	20.7	5 21	18 48.50	-32 26.9	3.131	3.950	9.7	21.9
5 31	18 44.56	-20 32.5	1.923	2.842	10.5	20.5	5 31	18 43.37	-32 41.0	3.040	3.945	7.6	21.7
6 10	18 37.74	-20 20.6	1.857	2.833	7.0	20.2	6 10	18 36.64	-32 51.2	2.974	3.940	5.2	21.6
6 20	18 29.30	-20 10.1	1.815	2.824	3.1	20.0	6 20	18 28.80	-32 55.7	2.934	3.934	3.1	21.4
6 30	18 20.12	-20 0.8	1.801	2.815	1.8	19.8	6 30	18 20.46	-32 52.9	2.924	3.928	2.7	21.4
7 10	18 11.20	-19 52.6	1.814	2.806	5.6	20.1	7 10	18 12.34	-32 42.6	2.942	3.922	4.6	21.5
7 20	18 3.47	-19 46.0	1.852	2.797	9.5	20.3	7 20	18 5.09	-32 25.6	2.987	3.915	6.9	21.7
7 30	17 57.72	-19 41.4	1.914	2.788	12.9	20.5	7 30	17 59.27	-32 3.5	3.058	3.909	9.2	21.8
149528	Simónrodríguez		6 26.8 345°85	7°1/28.9	18		470817	2008 <i>WD</i> ₇		6 26.8 241°33	0°5/26.7	18	
5 21	18 44.33	-3 24.4	1.734	2.550	16.4	19.3	5 21	18 50.56	-24 15.4	1.972	2.812	13.8	22.3
5 31	18 41.08	-3 28.5	1.651	2.541	13.7	19.1	5 31	18 45.74	-24 24.1	1.885	2.805	10.6	22.1
6 10	18 35.61	-3 51.9	1.588	2.532	10.7	18.9	6 10	18 38.59	-24 33.5	1.821	2.799	7.0	21.9
6 20	18 28.48	-4 36.4	1.547	2.524	8.1	18.7	6 20	18 29.70	-24 41.9	1.782	2.792	2.9	21.6
6 30	18 20.51	-5 41.8	1.530	2.517	7.1	18.7	6 30	18 20.01	-24 47.3	1.770	2.785	1.5	21.5
7 10	18 12.73	-7 5.0	1.539	2.511	8.6	18.7	7 10	18 10.58	-24 49.1	1.785	2.778	5.6	21.7
7 20	18 6.12	-8 41.1	1.572	2.506	11.5	18.9	7 20	18 2.44	-24 47.4	1.826	2.770	9.6	21.9
7 30	18 1.49	-10 24.3	1.627	2.502	14.7	19.1	7 30	17 56.41	-24 43.4	1.890	2.763	13.0	22.2
478244	2011 <i>UH</i> ₃₅₁		6 26.8 183°61	0°4/26.8	18		237814	2002 <i>CL</i> ₉₇		6 26.8 190°63	1°5/27.0	18	
5 21	18 47.90	-21 35.5	2.688	3.515	10.9	22.7	5 21	18 50.96	-17 52.0	2.376	3.198	12.3	21.6
5 31	18 42.98	-21 39.4	2.602	3.515	8.4	22.5	5 31	18 45.53	-17 56.6	2.288	3.196	9.5	21.4
6 10	18 36.42	-21 44.9	2.540	3.515	5.5	22.3	6 10	18 38.20	-18 5.8	2.223	3.194	6.4	21.2
6 20	18 28.69	-21 51.1	2.505	3.514	2.3	22.1	6 20	18 29.48	-18 18.7	2.185	3.192	3.0	21.0
6 30	18 20.45	-21 57.2	2.498	3.513	1.1	22.0	6 30	18 20.13	-18 34.3	2.175	3.188	1.9	20.9
7 10	18 12.43	-22 2.6	2.521	3.512	4.3	22.2	7 10	18 10.99	-18 51.6	2.195	3.184	5.0	21.1
7 20	18 5.32	-22 7.2	2.571	3.511	7.4	22.4	7 20	18 2.87	-19 10.0	2.241	3.180	8.4	21.3
7 30	17 59.70	-22 11.2	2.646	3.509	10.1	22.6	7 30	17 56.46	-19 29.0	2.312	3.174	11.4	21.5
25130	1998 <i>SV</i> ₁		6 26.8 217°17	0°8/26.6	18		113363	2002 <i>SS</i> ₁		6 26.8 269°99	1°3/26.9	18	
5 21	18 50.14	-23 49.5	2.102	2.939	13.1	18.7	5 21	18 48.67	-19 46.8	1.988	2.828	13.7	20.2
5 31	18 45.28	-24 15.8	2.017	2.936	10.1	18.5	5 31	18 44.15	-19 40.3	1.906	2.825	10.6	20.0
6 10	18 38.21	-24 44.3	1.955	2.932	6.6	18.3	6 10	18 37.47	-19 37.2	1.845	2.822	7.0	19.8
6 20	18 29.52	-25 12.4	1.918	2.928	2.8	18.0	6 20	18 29.22	-19 36.9	1.810	2.818	3.2	19.6
6 30	18 20.04	-25 37.7	1.909	2.924	1.6	17.9	6 30	18 20.26	-19 38.6	1.801	2.815	1.9	19.5
7 10	18 10.80	-25 58.7	1.928	2.920	5.4	18.2	7 10	18 11.59	-19 42.0	1.820	2.812	5.6	19.7
7 20	18 2.74	-26 14.8	1.973	2.915	9.1	18.4	7 20	18 4.13	-19 46.7	1.864	2.809	9.4	19.9
7 30	17 56.66	-26 26.5	2.041	2.910	12.4	18.6	7 30	17 58.64	-19 53.0	1.931	2.806	12.7	20.1
125094	2001 <i>UF</i> ₂₆		6 26.8 301°52	0°1/26.8	17		392903	2012 <i>VA</i> ₅₅		6 26.8 211°37	0°7/26.7	17	
5 21	18 50.54	-24 7.5	1.240	2.109	18.5	19.3	5 21	18 49.95	-24 20.3	2.090	2.928	13.2	22.0
5 31	18 47.17	-23 55.2	1.153	2.088	14.5	19.0	5 31	18 45.12	-24 36.2	2.007	2.926	10.1	21.8
6 10	18 40.32	-23 42.7	1.085	2.068	9.6	18.7	6 10	18 38.10	-24 53.1	1.947	2.924	6.6	21.6
6 20	18 30.64	-23 28.2	1.037	2.048	4.0	18.3	6 20	18 29.49	-25 8.9	1.912	2.921	2.8	21.3
6 30	18 19.44	-23 10.2	1.013	2.029	2.0	18.1	6 30	18 20.14	-25 21.7	1.904	2.919	1.5	21.2
7 10	18 8.46	-22 49.0	1.012	2.009	8.0	18.4	7 10	18 11.08	-25 30.6	1.924	2.916	5.4	21.5
7 20	17 59.38	-22 26.4	1.034	1.990	13.7	18.7	7 20	18 3.22	-25 35.4	1.970	2.913	9.1	21.7
7 30	17 53.52	-22 5.0	1.074	1.972	18.7	18.9	7 30	17 57.35	-25 37.0	2.039	2.910	12.3	21.9
342808	2008 <i>XV</i> ₁		6 26.8 234°57	0°5/26.9	18		250881	2005 <i>UK</i> ₄₈₉		6 26.8 6°67	1°0/26.8	18	
5 21	18 50.40	-18 36.6	1.998	2.833	13.8	20.2	5 21	18 49.23	-27 4.5	2.112	2.952	13.0	19.9
5 31	18 45.59	-19 20.6	1.912	2.828	10.7	19.9	5 31	18 44.47	-26 55.4	2.033	2.952	10.0	19.7
6 10	18 38.50	-20 12.3	1.848	2.824	7.0	19.7	6 10	18 37.60	-26 43.7	1.976	2.952	6.6	19.5
6 20	18 29.67	-21 9.2	1.810	2.819	3.0	19.4	6 20	18 29.25	-26 28.2	1.944	2.953	2.9	19.3
6 30	18 19.97	-22 8.0	1.800	2.815	1.4	19.3	6 30	18 20.28	-26 8.0	1.939	2.954	1.6	19.2
7 10	18 10.43	-23 5.4	1.817	2.810	5.6	19.6	7 10	18 11.70	-25 43.6	1.962	2.955	5.3	19.5
7 20	18 2.05	-23 59.1	1.861	2.805	9.5	19.8	7 20	18 4.38	-25 16.4	2.011	2.956	8.8	19.7
7 30	17 55.68	-24 47.8	1.929	2.800	12.9	20.0	7 30	17 59.03	-24 48.3	2.084	2.957	12.0	19.9
56921	2000 <i>RW</i> ₃		6 26.8 333°54	5°6/26.1	18		67722	2000 <i>UE</i> ₁₅		6 26.8 255°75	0°7/26.8	18	
5 21	18 50.70	-36 40.8	1.927	2.762	14.3	18.4	5 21	18 53.25	-22 29.1	1.633	2.478	15.9	20.0
5 31	18 46.25	-37 25.4	1.847	2.755	11.5	18.2	5 31	18 48.34	-22 15.2	1.541	2.463	12.4	19.7
6 10	18 39.11	-38 3.1	1.789	2.749	8.5	18.0	6 10	18 40.60	-22 2.2	1.469	2.448	8.2	19.5
6 20	18 29.95	-38 28.9	1.755	2.743	6.1	17.9	6 20	18 30.65	-21 48.8	1.422	2.432	3.5	19.1
6 30	18 19.85	-38 38.8	1.746	2.738	5.8	17.9	6 30	18 19.57	-21 34.4	1.401	2.416	1.8	19.0
7 10	18 10.10	-38 31.5	1.763	2.733	7.9	18.0	7 10	18 8.73	-21 18.9	1.406	2.399	6.7	19.2
7 20	18 1.90	-38 8.7	1.804	2.728	10.9	18.1	7 20	17 59.42	-21 3.6	1.435	2.382	11.4	19.5
7 30	17 56.17	-37 34.3	1.867	2.724	13.9	18.3	7 30	17 52.66	-20 50.0	1.487	2.365	15.6	19.7
173535	2000 <i>WF</i> ₇₆		6 26.8 255°47	2°1/26.6	17		440455	2005 <i>SZ</i> ₁₃₂					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
198160	2004 <i>TR</i> ₇₁		6 26.8 227°86	0°1/26.8	17		126275	2002 <i>AJ</i> ₉₆		6 26.8 310°20	1°5/27.1	18	
5 21	18 50.81	-22 50.5	1.945	2.784	14.0	21.9	5 21	18 47.86	-17 18.0	1.479	2.334	16.8	19.7
5 31	18 45.93	-22 54.4	1.859	2.779	10.8	21.6	5 31	18 44.61	-17 47.6	1.383	2.310	13.2	19.4
6 10	18 38.71	-23 0.0	1.796	2.774	7.1	21.4	6 10	18 38.46	-18 28.9	1.307	2.286	8.9	19.1
6 20	18 29.77	-23 5.6	1.758	2.768	2.9	21.1	6 20	18 29.90	-19 20.4	1.253	2.262	4.1	18.7
6 30	18 20.02	-23 9.8	1.747	2.762	1.4	21.0	6 30	18 19.93	-20 19.0	1.224	2.239	2.2	18.5
7 10	18 10.56	-23 11.9	1.763	2.756	5.7	21.3	7 10	18 9.93	-21 20.7	1.220	2.216	7.2	18.8
7 20	18 2.39	-23 12.0	1.805	2.750	9.6	21.5	7 20	18 1.29	-22 21.9	1.240	2.193	12.2	19.0
7 30	17 56.33	-23 11.0	1.870	2.743	13.1	21.7	7 30	17 55.24	-23 20.0	1.280	2.172	16.8	19.2
184498	2005 <i>PP</i> ₂		6 26.8 311°62	1°1/26.7	18		78495	2002 <i>RZ</i> ₆₄		6 26.8 254°29	3°5/26.0	18	
5 21	18 48.59	-24 30.1	1.377	2.242	17.2	20.0	5 21	18 51.52	-30 49.2	2.207	3.039	12.8	19.2
5 31	18 45.43	-24 48.7	1.286	2.220	13.5	19.7	5 31	18 46.54	-31 39.9	2.115	3.027	10.0	19.0
6 10	18 39.09	-25 10.2	1.215	2.198	8.9	19.3	6 10	18 39.20	-32 29.3	2.046	3.015	7.0	18.8
6 20	18 30.16	-25 31.5	1.166	2.177	3.8	19.0	6 20	18 30.04	-33 13.3	2.002	3.002	4.2	18.6
6 30	18 19.78	-25 49.3	1.141	2.156	2.2	18.8	6 30	18 19.92	-33 47.9	1.986	2.990	3.8	18.5
7 10	18 9.53	-26 1.3	1.140	2.136	7.5	19.1	7 10	18 9.94	-34 10.9	1.997	2.977	6.4	18.7
7 20	18 0.93	-26 7.1	1.162	2.116	12.8	19.3	7 20	18 1.12	-34 22.1	2.035	2.964	9.6	18.8
7 30	17 55.25	-26 8.2	1.203	2.097	17.4	19.5	7 30	17 54.37	-34 23.4	2.096	2.950	12.6	19.0
320461	2007 <i>VG</i> ₂₄₅		6 26.8 155°64	0°3/26.8	17		307052	2001 <i>YD</i> ₆₈		6 26.8 113°92	0°4/26.8	17	
5 21	18 54.19	-21 36.1	1.818	2.655	14.9	21.5	5 21	18 55.60	-25 0.5	1.499	2.347	16.9	21.2
5 31	18 48.55	-21 50.3	1.744	2.662	11.5	21.3	5 31	18 50.02	-24 50.9	1.434	2.357	13.0	21.0
6 10	18 40.41	-22 7.9	1.692	2.668	7.5	21.1	6 10	18 41.51	-24 40.2	1.389	2.368	8.5	20.8
6 20	18 30.46	-22 26.5	1.664	2.674	3.1	20.9	6 20	18 30.93	-24 26.6	1.368	2.378	3.5	20.5
6 30	18 19.73	-22 44.2	1.664	2.679	1.5	20.7	6 30	18 19.57	-24 9.0	1.372	2.388	1.7	20.4
7 10	18 9.41	-22 59.5	1.691	2.684	5.9	21.1	7 10	18 8.89	-23 47.9	1.403	2.397	6.7	20.7
7 20	18 0.56	-23 12.1	1.745	2.688	10.0	21.3	7 20	18 0.12	-23 25.1	1.458	2.406	11.2	21.0
7 30	17 54.04	-23 22.6	1.821	2.691	13.5	21.5	7 30	17 54.14	-23 3.1	1.535	2.415	15.1	21.3
89582	2001 <i>XB</i> ₁₃₄		6 26.8 30°70	4°7/25.2	18		473065	2015 <i>HQ</i> ₉₃		6 26.8 292°41	0°4/26.8	17	
5 21	18 53.32	-26 27.2	1.384	2.241	17.6	18.2	5 21	18 48.86	-21 9.5	1.818	2.664	14.5	21.0
5 31	18 49.00	-28 28.9	1.322	2.250	13.6	18.0	5 31	18 44.69	-21 25.2	1.729	2.652	11.3	20.8
6 10	18 41.34	-30 36.6	1.281	2.259	9.3	17.7	6 10	18 38.08	-21 45.3	1.661	2.639	7.4	20.5
6 20	18 31.04	-32 40.7	1.265	2.268	5.4	17.5	6 20	18 29.59	-22 8.0	1.617	2.627	3.1	20.3
6 30	18 19.40	-34 31.0	1.274	2.279	5.3	17.6	6 30	18 20.15	-22 31.2	1.600	2.615	1.5	20.1
7 10	18 8.11	-36 0.3	1.309	2.290	8.9	17.8	7 10	18 10.89	-22 53.2	1.609	2.603	6.0	20.4
7 20	17 58.74	-37 6.3	1.368	2.301	13.0	18.1	7 20	18 2.91	-23 13.2	1.643	2.591	10.2	20.6
7 30	17 52.50	-37 51.2	1.447	2.313	16.7	18.3	7 30	17 57.10	-23 31.0	1.700	2.579	13.9	20.8
34222	2000 <i>QS</i> ₈₅		6 26.8 205°01	4°5/27.4	18		398560	2011 <i>VM</i> ₁₀		6 26.8 98°93	3°7/26.1	16	
5 21	18 46.70	- 9 16.5	2.507	3.315	12.1	20.0	5 21	18 51.13	-32 50.2	2.430	3.256	11.9	21.6
5 31	18 42.13	- 8 55.3	2.420	3.312	9.8	19.9	5 31	18 45.82	-33 38.0	2.362	3.269	9.4	21.5
6 10	18 35.93	- 8 42.4	2.357	3.308	7.3	19.7	6 10	18 38.45	-34 22.0	2.317	3.281	6.6	21.3
6 20	18 28.55	- 8 39.1	2.319	3.305	5.1	19.5	6 20	18 29.62	-34 58.5	2.298	3.294	4.2	21.2
6 30	18 20.64	- 8 45.7	2.308	3.301	4.5	19.5	6 30	18 20.17	-35 24.5	2.307	3.306	3.9	21.2
7 10	18 12.93	- 9 2.0	2.325	3.297	6.2	19.6	7 10	18 11.06	-35 38.8	2.344	3.319	5.9	21.3
7 20	18 6.09	- 9 26.7	2.368	3.292	8.7	19.8	7 20	18 3.15	-35 42.1	2.407	3.331	8.6	21.5
7 30	18 0.72	- 9 58.3	2.435	3.288	11.2	19.9	7 30	17 57.14	-35 36.2	2.494	3.342	11.1	21.7
504578	2008 <i>TC</i> ₁₀₇		6 26.8 186°58	1°4/26.9	17		387200	2012 <i>TJ</i> ₃₀₆		6 26.8 284°26	1°8/27.2	18	
5 21	18 50.27	-18 42.8	2.260	3.088	12.7	22.6	5 21	18 49.05	-16 42.7	1.833	2.672	14.7	20.5
5 31	18 45.11	-18 45.5	2.176	3.088	9.8	22.4	5 31	18 44.84	-17 2.7	1.737	2.655	11.5	20.2
6 10	18 37.98	-18 52.3	2.114	3.087	6.5	22.2	6 10	18 38.21	-17 31.5	1.663	2.637	7.8	20.0
6 20	18 29.43	-19 2.3	2.078	3.086	3.0	21.9	6 20	18 29.67	-18 7.8	1.613	2.620	3.7	19.7
6 30	18 20.23	-19 14.6	2.071	3.084	1.8	21.8	6 30	18 20.10	-18 49.9	1.589	2.603	2.3	19.5
7 10	18 11.29	-19 28.3	2.091	3.082	5.1	22.1	7 10	18 10.60	-19 35.0	1.592	2.585	6.2	19.8
7 20	18 3.42	-19 42.8	2.139	3.079	8.6	22.3	7 20	18 2.27	-20 21.1	1.621	2.568	10.4	20.0
7 30	17 57.33	-19 57.9	2.211	3.076	11.7	22.5	7 30	17 56.05	-21 6.3	1.673	2.551	14.2	20.2
478855	2012 <i>VC</i> ₇₂		6 26.8 289°75	2°5/26.9	17		385002	2012 <i>TG</i> ₂₃₀		6 26.8 34°91	0°6/26.7	17	
5 21	18 48.33	-17 43.2	1.865	2.706	14.4	21.5	5 21	18 50.03	-24 45.8	1.843	2.688	14.4	21.0
5 31	18 44.12	-17 24.1	1.774	2.692	11.3	21.3	5 31	18 45.40	-24 50.0	1.767	2.690	11.1	20.8
6 10	18 37.60	-17 9.4	1.704	2.678	7.7	21.0	6 10	18 38.38	-24 54.2	1.713	2.692	7.2	20.5
6 20	18 29.35	-16 59.4	1.659	2.665	3.9	20.8	6 20	18 29.65	-24 56.7	1.683	2.693	3.0	20.3
6 30	18 20.25	-16 54.0	1.640	2.651	2.8	20.7	6 30	18 20.17	-24 55.9	1.680	2.695	1.6	20.2
7 10	18 11.35	-16 53.4	1.647	2.637	6.3	20.9	7 10	18 11.09	-24 51.4	1.704	2.697	5.8	20.5
7 20	18 3.66	-16 57.2	1.679	2.624	10.2	21.1	7 20	18 3.42	-24 43.8	1.753	2.700	9.7	20.7
7 30	17 58.02	-17 5.4	1.734	2.611	13.8	21.3	7 30	17 57.96	-24 34.4	1.825	2.702	13.2	20.9
184824	2005 <i>TA</i> ₁₇₈		6 26.8 228°07	3°9/27.4	18		229531	2005 <i>XE</i> ₇₉		6 26.8 136°49	1°8/26.4	18	
5 21	18 46.54	-10 47.8	2.454	3.268	12.2	20.5	5 21	18 52.99	-25 9.9	2.019	2.854	13.7	20.2
5 31	18 42.09	-10 37.3	2.366	3.263	9.8	20.3	5 31	18 47.56	-26 2.4	1.945	2.862	10.5	20.0
6 10	18 35.95	-10 35.0	2.300	3.257	7.1	20.1	6 10	18 39.76	-26 57.0	1.894	2.870	6.9	19.8
6 20	18 28.58	-10 41.6	2.259	3.252	4.7	19.9	6 20	18 30.22	-27 49.8	1.869	2.877	3.2	19.6
6 30	18 20.65	-10 57.1	2.246	3.246	4.0	19.9	6 30	18 19.89	-28 36.9	1.872	2.884	2.3	19.5
7 10	18 12.89	-11 20.7	2.261	3.240	5.8	20.0	7 10	18 9.86	-29 15.7	1.903	2.891	5.8	19.8
7 20	18 6.01	-11 51.2	2.302	3.233	8.6	20.1	7 20	18 1.15	-29 45.5	1.960	2.897	9.4	20.0
7 30	18 0.63	-12 26.9	2.368	3.227	11.2	20.3	7 30	17 54.60	-30 7.0	2.041	2.903	12.6	20.2
39967	1998 <i>GE</i>		6 26.8 105°73	12°7/25.3	18		219516	200					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
216288	2007 <i>AG</i> ₅		6 26.8	40°95	1°4/27.1	18	217246	2003 <i>PH</i> ₁₀		6 26.8	280°25	4°4/27.7	18
5 21	18 47.47	-17 6.9	2.201	3.033	12.8	20.4	5 21	18 45.61	-8 44.1	2.428	3.239	12.4	20.3
5 31	18 43.04	-17 31.5	2.121	3.035	9.9	20.2	5 31	18 41.40	-8 38.4	2.344	3.236	10.0	20.1
6 10	18 36.68	-18 2.7	2.064	3.037	6.6	20.0	6 10	18 35.53	-8 42.7	2.281	3.233	7.4	20.0
6 20	18 28.93	-18 39.2	2.032	3.040	3.1	19.8	6 20	18 28.46	-8 57.6	2.243	3.231	5.1	19.8
6 30	18 20.53	-19 19.0	2.028	3.042	1.8	19.7	6 30	18 20.84	-9 23.0	2.233	3.228	4.5	19.8
7 10	18 12.37	-20 0.2	2.052	3.044	5.1	19.9	7 10	18 13.40	-9 57.8	2.250	3.225	6.1	19.9
7 20	18 5.25	-20 41.1	2.103	3.047	8.5	20.1	7 20	18 6.85	-10 40.2	2.293	3.222	8.7	20.0
7 30	17 59.86	-21 20.4	2.178	3.050	11.6	20.3	7 30	18 1.77	-11 28.2	2.360	3.220	11.3	20.2
372916	2011 <i>BA</i> ₅		6 26.8	262°23	1°4/26.9	17	9404	1994 <i>UQ</i> ₁₁		6 26.8	186°42	2°4/26.5	18
5 21	18 51.22	-20 9.4	1.693	2.537	15.5	22.1	5 21	18 51.92	-29 16.7	2.166	2.999	13.0	18.3
5 31	18 46.65	-20 1.7	1.603	2.524	12.1	21.9	5 31	18 46.67	-29 42.7	2.084	2.999	10.1	18.1
6 10	18 39.43	-19 57.7	1.534	2.511	8.0	21.6	6 10	18 39.16	-30 6.5	2.026	2.998	6.8	17.9
6 20	18 30.18	-19 56.4	1.489	2.498	3.6	21.3	6 20	18 30.01	-30 25.0	1.992	2.997	3.5	17.7
6 30	18 19.91	-19 57.1	1.470	2.484	2.1	21.2	6 30	18 20.11	-30 35.8	1.987	2.996	2.8	17.7
7 10	18 9.85	-19 59.2	1.477	2.470	6.5	21.4	7 10	18 10.53	-30 37.7	2.009	2.995	5.8	17.9
7 20	18 1.20	-20 2.6	1.509	2.456	11.0	21.6	7 20	18 2.21	-30 31.5	2.057	2.993	9.1	18.1
7 30	17 54.91	-20 7.7	1.563	2.442	14.9	21.8	7 30	17 55.96	-30 19.2	2.129	2.991	12.2	18.3
504792	2010 <i>AO</i> ₆₂		6 26.8	178°97	0°8/26.9	17	470305	2007 <i>JK</i>		6 26.8	347°68	1°9/27.4	17
5 21	18 51.54	-18 43.0	2.283	3.108	12.7	21.9	5 21	18 47.50	-13 53.7	1.375	2.230	17.8	20.5
5 31	18 46.11	-19 10.2	2.199	3.109	9.8	21.7	5 31	18 44.31	-14 56.2	1.297	2.223	14.0	20.2
6 10	18 38.67	-19 42.8	2.137	3.110	6.4	21.5	6 10	18 38.22	-16 16.7	1.238	2.216	9.5	19.9
6 20	18 29.76	-20 19.0	2.103	3.111	2.8	21.3	6 20	18 29.81	-17 52.6	1.202	2.210	4.5	19.6
6 30	18 20.14	-20 56.6	2.096	3.111	1.4	21.2	6 30	18 20.15	-19 38.1	1.191	2.205	2.4	19.5
7 10	18 10.74	-21 33.8	2.119	3.110	5.0	21.4	7 10	18 10.67	-21 26.1	1.205	2.201	7.1	19.7
7 20	18 2.41	-22 9.1	2.169	3.109	8.5	21.6	7 20	18 2.73	-23 9.9	1.243	2.198	12.0	20.0
7 30	17 55.87	-22 42.1	2.244	3.107	11.6	21.8	7 30	17 57.46	-24 44.9	1.303	2.197	16.4	20.3
512554	2016 <i>SW</i> ₁₈		6 26.8	301°83	2°9/27.3	18	429374	2010 <i>JT</i> ₁₄₈		6 26.8	6°69	10°2/26.7	18
5 21	18 46.88	-13 55.2	2.123	2.952	13.3	20.7	5 21	18 45.30	-3 34.5	1.515	2.340	17.9	19.4
5 31	18 42.67	-13 59.4	2.038	2.947	10.5	20.5	5 31	18 41.95	-2 0.3	1.452	2.341	15.2	19.2
6 10	18 36.49	-14 11.9	1.975	2.943	7.3	20.3	6 10	18 36.24	-0 41.1	1.407	2.342	12.5	19.0
6 20	18 28.87	-14 32.3	1.937	2.938	4.1	20.0	6 20	18 28.82	+0 17.2	1.384	2.345	10.6	18.9
6 30	18 20.57	-15 0.0	1.925	2.934	3.1	20.0	6 30	18 20.69	+0 50.1	1.384	2.348	10.3	18.9
7 10	18 12.48	-15 33.5	1.942	2.930	5.8	20.1	7 10	18 12.96	+0 56.4	1.406	2.352	11.7	19.0
7 20	18 5.43	-16 10.9	1.984	2.925	9.1	20.3	7 20	18 6.64	+0 37.9	1.449	2.357	14.2	19.2
7 30	18 0.12	-16 50.8	2.050	2.921	12.2	20.5	7 30	18 2.51	-0 1.0	1.511	2.363	16.8	19.4
96950	1999 <i>TU</i> ₁₇₁		6 26.8	259°47	1°2/26.9	18	509110	2005 <i>WD</i> ₂₇		6 26.8	278°19	1°2/26.7	17
5 21	18 50.05	-19 35.3	2.102	2.935	13.3	20.9	5 21	18 51.29	-25 28.3	1.719	2.566	15.2	21.9
5 31	18 45.29	-19 35.7	2.002	2.917	10.3	20.7	5 31	18 46.85	-25 43.9	1.626	2.550	11.8	21.6
6 10	18 38.33	-19 39.9	1.924	2.899	6.9	20.4	6 10	18 39.67	-26 0.2	1.555	2.534	7.8	21.3
6 20	18 29.69	-19 47.0	1.872	2.880	3.1	20.2	6 20	18 30.35	-26 14.5	1.508	2.518	3.4	21.0
6 30	18 20.16	-19 56.1	1.847	2.861	1.8	20.0	6 30	18 19.92	-26 24.2	1.487	2.501	2.0	20.9
7 10	18 10.75	-20 6.3	1.850	2.842	5.6	20.3	7 10	18 9.67	-26 27.7	1.492	2.485	6.5	21.1
7 20	18 2.41	-20 17.2	1.879	2.822	9.4	20.4	7 20	18 0.85	-26 25.4	1.522	2.469	10.9	21.4
7 30	17 55.98	-20 28.8	1.932	2.802	12.9	20.6	7 30	17 54.49	-26 19.1	1.574	2.452	14.9	21.6
467127	2016 <i>EB</i> ₇₅		6 26.8	55°54	3°6/27.1	17	343105	2009 <i>DX</i> ₆₄		6 26.8	236°88	1°1/27.0	18
5 21	18 51.19	-15 53.2	1.250	2.108	19.0	21.4	5 21	18 50.31	-18 15.2	2.258	3.085	12.7	21.5
5 31	18 46.96	-15 35.5	1.192	2.119	14.9	21.1	5 31	18 45.33	-18 35.6	2.161	3.073	9.9	21.3
6 10	18 39.69	-15 27.3	1.153	2.130	10.1	20.9	6 10	18 38.30	-19 1.8	2.087	3.060	6.6	21.0
6 20	18 30.25	-15 28.9	1.136	2.141	5.4	20.7	6 20	18 29.70	-19 32.4	2.038	3.046	3.0	20.8
6 30	18 19.95	-15 39.7	1.142	2.153	4.0	20.6	6 30	18 20.28	-20 5.7	2.018	3.032	1.6	20.6
7 10	18 10.32	-15 58.4	1.173	2.165	7.9	20.9	7 10	18 10.97	-20 39.9	2.027	3.018	5.2	20.9
7 20	18 2.62	-16 23.1	1.225	2.177	12.5	21.2	7 20	18 2.65	-21 13.6	2.062	3.003	8.8	21.1
7 30	17 57.79	-16 52.1	1.299	2.189	16.6	21.5	7 30	17 56.09	-21 46.0	2.122	2.988	12.1	21.2
488672	2003 <i>UE</i> ₁₇₁		6 26.8	276°38	3°3/26.8	18	512687	2016 <i>UY</i>		6 26.8	356°38	4°8/26.2	18
5 21	18 49.97	-15 44.9	2.098	2.926	13.5	21.9	5 21	18 51.67	-35 58.4	2.195	3.022	13.0	21.1
5 31	18 45.25	-15 14.7	1.989	2.898	10.7	21.7	5 31	18 46.63	-36 38.8	2.118	3.022	10.4	20.9
6 10	18 38.34	-14 48.5	1.902	2.870	7.5	21.4	6 10	18 39.22	-37 13.0	2.062	3.022	7.6	20.7
6 20	18 29.71	-14 27.2	1.840	2.842	4.3	21.2	6 20	18 30.07	-37 36.8	2.032	3.022	5.3	20.6
6 30	18 20.15	-14 11.7	1.805	2.813	3.5	21.1	6 30	18 20.14	-37 46.9	2.028	3.022	5.0	20.6
7 10	18 10.64	-14 2.6	1.798	2.783	6.4	21.2	7 10	18 10.56	-37 42.4	2.051	3.022	7.0	20.7
7 20	18 2.12	-14 0.1	1.817	2.753	10.1	21.3	7 20	18 2.35	-37 24.6	2.100	3.022	9.7	20.8
7 30	17 55.46	-14 4.1	1.859	2.723	13.6	21.5	7 30	17 56.32	-36 56.8	2.171	3.022	12.4	21.0
482120	2010 <i>OG</i> ₂₄		6 26.8	293°86	7°7/27.2	17	143626	2003 <i>HU</i> ₂₇		6 26.8	80°36	1°6/26.9	17
5 21	18 46.77	-1 30.4	2.349	3.132	13.6	21.7	5 21	18 48.30	-19 10.8	2.204	3.038	12.7	20.5
5 31	18 42.58	-0 49.4	2.234	3.096	11.7	21.5	5 31	18 43.55	-18 56.4	2.133	3.048	9.8	20.3
6 10	18 36.50	-0 20.4	2.140	3.059	9.7	21.3	6 10	18 36.94	-18 45.1	2.084	3.058	6.5	20.1
6 20	18 28.94	-0 6.8	2.069	3.022	8.1	21.1	6 20	18 29.04	-18 36.5	2.061	3.069	3.1	19.9
6 30	18 20.52	-0 10.9	2.024	2.985	7.7	21.1	6 30	18 20.65	-18 30.6	2.066	3.079	2.0	19.9
7 10	18 12.05	-0 33.5	2.005	2.948	9.0	21.1	7 10	18 12.62	-18 27.2	2.098	3.089	5.1	20.1
7 20	18 4.32	-1 13.5	2.010	2.910	11.2	21.1	7 20	18 5.73	-18 26.3	2.157	3.100	8.4	20.3
7 30	17 58.09	-2 8.3	2.039	2.871	13.8	21.2	7 30	18 0.59	-18 27.8	2.240	3.110	11.4	20.5
93514	2000 <i>TA</i> ₆₂		6 26.8	172°03	5°0/27.8	18	415165	2012 <i>FD</i> ₄₅		6			

EPHEMERIDES

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
132833	2002 <i>RM</i> ₁₄		6 26.8	39°49'	7.4/26.3	18	512654	2016 <i>TH</i> ₆₅		6 26.8	280°94'	0.9/27.0	18
5 21	18 54.56	-40 40.5	1.769	2.596	15.6	18.8	5 21	18 48.16	-18 39.0	2.158	2.992	12.9	21.3
5 31	18 49.52	-41 34.0	1.705	2.602	12.9	18.6	5 31	18 43.79	-19 6.3	2.066	2.982	10.0	21.1
6 10	18 41.39	-42 16.5	1.661	2.609	10.0	18.4	6 10	18 37.35	-19 39.9	1.997	2.972	6.6	20.9
6 20	18 31.03	-42 41.9	1.641	2.616	7.9	18.3	6 20	18 29.34	-20 18.2	1.953	2.962	2.9	20.6
6 30	18 19.73	-42 45.4	1.645	2.623	7.6	18.3	6 30	18 20.55	-20 58.9	1.938	2.952	1.5	20.5
7 10	18 9.06	-42 26.6	1.673	2.631	9.3	18.4	7 10	18 11.88	-21 39.9	1.949	2.942	5.2	20.7
7 20	18 0.33	-41 48.6	1.725	2.639	12.0	18.6	7 20	18 4.24	-22 19.5	1.988	2.932	8.9	20.9
7 30	17 54.50	-40 57.0	1.799	2.647	14.7	18.8	7 30	17 58.40	-22 56.8	2.050	2.923	12.2	21.1
299787	2006 <i>SE</i> ₈₃		6 26.8	221°78'	4.5/27.3	18	505831	2015 <i>CA</i>		6 26.8	241°49'	12.4/26.5	17
5 21	18 47.16	-9 41.7	2.408	3.219	12.5	21.8	5 21	18 51.63	+10 21.6	2.202	2.917	16.2	22.7
5 31	18 42.62	-9 17.4	2.320	3.213	10.1	21.6	5 31	18 46.38	+11 43.3	2.108	2.896	14.8	22.6
6 10	18 36.35	-9 1.4	2.255	3.207	7.5	21.4	6 10	18 39.04	+12 46.9	2.034	2.875	13.5	22.4
6 20	18 28.84	-8 54.9	2.214	3.201	5.2	21.3	6 20	18 30.06	+13 26.5	1.981	2.852	12.6	22.3
6 30	18 20.75	-8 58.6	2.201	3.195	4.6	21.2	6 30	18 20.20	+13 37.7	1.949	2.828	12.5	22.3
7 10	18 12.85	-9 12.1	2.215	3.188	6.4	21.3	7 10	18 10.37	+13 18.8	1.941	2.803	13.2	22.2
7 20	18 5.85	-9 34.5	2.256	3.181	9.0	21.5	7 20	18 1.47	+12 31.4	1.954	2.778	14.7	22.3
7 30	18 0.38	-10 4.2	2.320	3.174	11.6	21.6	7 30	17 54.31	+11 19.5	1.987	2.751	16.5	22.4
522754	2016 <i>NZ</i> ₂₅		6 26.8	61°51'	6.9/27.2	17	486825	2014 <i>JJ</i> ₂₇		6 26.8	320°72'	2.8/27.7	18
5 21	18 49.37	-8 37.9	1.631	2.459	16.7	21.3	5 21	18 47.02	-12 42.7	1.989	2.819	14.1	20.2
5 31	18 44.81	-7 38.2	1.571	2.472	13.6	21.1	5 31	18 43.07	-13 14.4	1.896	2.807	11.1	20.0
6 10	18 37.95	-6 50.3	1.532	2.485	10.3	21.0	6 10	18 36.97	-13 58.1	1.826	2.794	7.7	19.8
6 20	18 29.51	-6 17.4	1.516	2.498	7.6	20.8	6 20	18 29.23	-14 53.0	1.780	2.783	4.3	19.6
6 30	18 20.47	-6 1.6	1.524	2.512	7.0	20.8	6 30	18 20.63	-15 56.8	1.761	2.771	3.0	19.4
7 10	18 11.95	-6 3.1	1.557	2.526	8.9	21.0	7 10	18 12.12	-17 6.3	1.770	2.760	5.9	19.6
7 20	18 4.88	-6 20.2	1.614	2.540	11.9	21.2	7 20	18 4.65	-18 18.3	1.804	2.750	9.6	19.8
7 30	17 59.99	-6 49.8	1.692	2.553	14.8	21.4	7 30	17 59.04	-19 29.6	1.863	2.740	13.0	20.0
510436	2011 <i>UM</i> ₃₈₉		6 26.8	185°85'	1.3/27.1	18	174538	2003 <i>ED</i> ₄₇		6 26.8	127°74'	4.7/28.2	18
5 21	18 48.11	-17 50.0	2.407	3.235	12.0	21.2	5 21	18 47.95	-5 41.1	2.730	3.518	11.8	20.4
5 31	18 43.41	-18 6.3	2.323	3.234	9.3	21.0	5 31	18 42.90	-5 41.8	2.657	3.532	9.6	20.3
6 10	18 36.90	-18 27.9	2.261	3.234	6.2	20.8	6 10	18 36.37	-5 53.2	2.607	3.546	7.3	20.2
6 20	18 29.08	-18 53.5	2.226	3.234	2.9	20.6	6 20	18 28.83	-6 15.7	2.583	3.559	5.3	20.1
6 30	18 20.66	-19 21.8	2.219	3.233	1.7	20.5	6 30	18 20.87	-6 49.1	2.587	3.572	4.7	20.0
7 10	18 12.44	-19 51.4	2.241	3.232	4.8	20.7	7 10	18 13.18	-7 31.8	2.619	3.585	5.9	20.1
7 20	18 5.19	-20 21.1	2.289	3.231	8.0	20.9	7 20	18 6.33	-8 21.8	2.679	3.597	8.0	20.3
7 30	17 59.54	-20 50.2	2.362	3.230	11.0	21.1	7 30	18 0.84	-9 16.9	2.764	3.609	10.2	20.4
152260	2005 <i>SY</i> ₁₄₁		6 26.8	179°64'	1.9/27.1	18	504057	2005 <i>XM</i> ₁₁₅		6 26.8	166°86'	1.7/26.8	17
5 21	18 47.22	-16 34.7	2.683	3.504	11.1	21.3	5 21	18 54.24	-28 49.0	2.380	3.204	12.2	22.4
5 31	18 42.49	-16 29.9	2.598	3.505	8.6	21.1	5 31	18 48.12	-28 51.8	2.299	3.209	9.5	22.3
6 10	18 36.18	-16 29.5	2.537	3.506	5.8	20.9	6 10	18 39.96	-28 51.4	2.242	3.214	6.3	22.1
6 20	18 28.75	-16 33.2	2.502	3.506	3.0	20.7	6 20	18 30.35	-28 45.6	2.211	3.218	3.0	21.9
6 30	18 20.83	-16 40.7	2.495	3.506	2.2	20.7	6 30	18 20.17	-28 33.3	2.209	3.221	2.1	21.8
7 10	18 13.12	-16 51.3	2.517	3.505	4.6	20.8	7 10	18 10.36	-28 14.4	2.236	3.224	5.1	22.0
7 20	18 6.27	-17 4.5	2.567	3.505	7.5	21.0	7 20	18 1.80	-27 50.4	2.290	3.226	8.3	22.2
7 30	18 0.84	-17 19.9	2.641	3.504	10.1	21.2	7 30	17 55.16	-27 23.3	2.369	3.228	11.2	22.4
513679	2011 <i>WB</i> ₁₅₄		6 26.8	208°65'	5.2/27.8	18	398196	2010 <i>MJ</i> ₃₀		6 26.8	319°63'	2.4/26.7	18
5 21	18 46.19	-4 16.8	2.931	3.713	11.2	22.3	5 21	18 48.32	-19 37.7	1.971	2.812	13.8	20.1
5 31	18 41.57	-3 56.9	2.839	3.707	9.3	22.1	5 31	18 43.96	-18 50.2	1.882	2.800	10.7	19.9
6 10	18 35.53	-3 46.8	2.771	3.701	7.3	22.0	6 10	18 37.45	-18 3.2	1.815	2.789	7.2	19.7
6 20	18 28.48	-3 47.9	2.728	3.694	5.7	21.9	6 20	18 29.38	-17 17.8	1.773	2.779	3.7	19.4
6 30	18 20.96	-4 0.8	2.713	3.686	5.3	21.8	6 30	18 20.60	-16 35.5	1.757	2.768	2.8	19.3
7 10	18 13.58	-4 24.9	2.725	3.679	6.4	21.9	7 10	18 12.11	-15 57.9	1.769	2.758	6.1	19.5
7 20	18 6.91	-4 59.2	2.763	3.670	8.3	22.0	7 20	18 4.81	-15 26.3	1.807	2.749	9.8	19.7
7 30	18 1.47	-5 41.5	2.827	3.662	10.3	22.1	7 30	17 59.47	-15 1.8	1.867	2.739	13.2	19.9
475630	2006 <i>UL</i> ₂₁₉		6 26.8	140°44'	8.4/27.3	18	70329	1999 <i>RY</i> ₁₆₃		6 26.8	223°63'	0.5/26.9	18
5 21	18 47.32	+4 37.2	2.806	3.546	12.6	21.6	5 21	18 53.74	-21 50.8	1.940	2.773	14.2	20.0
5 31	18 42.36	+5 46.5	2.740	3.557	11.0	21.5	5 31	18 48.31	-21 51.2	1.847	2.763	11.0	19.7
6 10	18 35.99	+6 42.2	2.694	3.567	9.6	21.4	6 10	18 40.42	-21 53.6	1.776	2.752	7.3	19.5
6 20	18 28.64	+7 21.5	2.673	3.576	8.6	21.4	6 20	18 30.66	-21 56.8	1.731	2.741	3.1	19.2
6 30	18 20.91	+7 42.1	2.677	3.586	8.4	21.4	6 30	18 19.98	-21 59.3	1.713	2.728	1.5	19.0
7 10	18 13.42	+7 43.8	2.705	3.595	9.1	21.4	7 10	18 9.51	-22 0.4	1.723	2.715	5.8	19.3
7 20	18 6.75	+7 27.9	2.758	3.603	10.3	21.5	7 20	18 0.34	-22 0.4	1.759	2.702	10.0	19.5
7 30	18 1.39	+6 56.8	2.833	3.611	11.7	21.7	7 30	17 53.34	-22 0.0	1.818	2.687	13.6	19.7
70107	1999 <i>KS</i> ₁₁		6 26.8	20°90'	3.0/26.4	18	93541	2000 <i>UT</i> ₂₀		6 26.8	348°37'	1.4/26.7	17
5 21	18 50.11	-26 34.3	1.123	1.999	19.5	18.5	5 21	18 49.21	-24 55.0	1.498	2.357	16.4	19.0
5 31	18 46.91	-27 20.6	1.065	2.004	15.1	18.3	5 31	18 45.47	-25 20.6	1.423	2.353	12.7	18.8
6 10	18 40.13	-28 8.7	1.026	2.009	10.0	18.0	6 10	18 38.87	-25 48.2	1.368	2.349	8.3	18.5
6 20	18 30.64	-28 52.6	1.007	2.016	4.9	17.8	6 20	18 30.08	-26 14.5	1.337	2.347	3.6	18.2
6 30	18 19.96	-29 26.7	1.011	2.023	3.7	17.7	6 30	18 20.27	-26 36.3	1.330	2.344	2.2	18.1
7 10	18 9.94	-29 48.0	1.038	2.032	8.4	18.0	7 10	18 10.83	-26 51.6	1.348	2.342	6.8	18.4
7 20	18 2.18	-29 56.7	1.086	2.041	13.4	18.3	7 20	18 3.04	-27 0.2	1.390	2.341	11.4	18.7
7 30	17 57.81	-29 55.9	1.153	2.050	17.7	18.6	7 30	17 57.90	-27 3.5	1.453	2.340	15.4	18.9
423865	2006 <i>RU</i> ₁₉		6 26.8	302°71'	5.3/27.0	17	141796	2002 <i>NO</i> ₂₆		6			

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
65886	1998 AM		6 26.8 168°16'	2°1/26.7	18		326294	1998 RE ₃₁		6 26.8 326°37'	10°3/26.8	18	
5 21	18 55.59	-28 1.1	1.667	2.509	15.8	19.6	5 21	18 43.15	-6 37.7	1.183	2.039	20.0	19.9
5 31	18 50.06	-28 15.1	1.592	2.512	12.3	19.3	5 31	18 41.34	-5 20.2	1.099	2.014	16.9	19.6
6 10	18 41.67	-28 26.9	1.538	2.514	8.2	19.1	6 10	18 36.53	-4 16.3	1.033	1.989	13.6	19.3
6 20	18 31.19	-28 32.9	1.509	2.516	3.9	18.9	6 20	18 29.27	-3 32.9	0.985	1.966	10.9	19.1
6 30	18 19.79	-28 30.7	1.505	2.518	2.6	18.8	6 30	18 20.64	-3 16.0	0.958	1.944	10.4	19.0
7 10	18 8.88	-28 19.5	1.528	2.519	6.7	19.0	7 10	18 12.11	-3 28.4	0.951	1.923	12.7	19.1
7 20	17 59.71	-28 1.2	1.576	2.520	10.9	19.3	7 20	18 5.11	-4 8.5	0.964	1.903	16.5	19.2
7 30	17 53.19	-27 38.6	1.647	2.520	14.6	19.5	7 30	18 0.89	-5 11.4	0.993	1.885	20.5	19.4
282016	2011 HN ₇₈		6 26.8 111°54'	4°4/27.6	17		74101	1998 QS ₃₀		6 26.8 293°91'	8°0/27.6	18	
5 21	18 49.43	-11 24.0	1.803	2.631	15.4	20.7	5 21	18 46.79	-3 36.0	1.852	2.659	15.8	19.4
5 31	18 44.87	-11 17.0	1.729	2.635	12.2	20.5	5 31	18 42.96	-2 54.0	1.761	2.643	13.3	19.2
6 10	18 38.08	-11 21.0	1.676	2.640	8.7	20.3	6 10	18 36.95	-2 26.3	1.691	2.626	10.8	19.0
6 20	18 29.65	-11 36.4	1.647	2.644	5.5	20.1	6 20	18 29.26	-2 16.4	1.642	2.609	8.7	18.9
6 30	18 20.50	-12 2.9	1.644	2.648	4.5	20.1	6 30	18 20.70	-2 26.6	1.618	2.593	8.1	18.8
7 10	18 11.69	-12 38.7	1.668	2.652	7.0	20.2	7 10	18 12.27	-2 56.8	1.619	2.576	9.6	18.8
7 20	18 4.16	-13 21.5	1.716	2.656	10.4	20.5	7 20	18 4.92	-3 45.0	1.643	2.560	12.3	19.0
7 30	17 58.69	-14 8.9	1.787	2.659	13.7	20.7	7 30	17 59.48	-4 47.4	1.689	2.544	15.2	19.1
342839	2008 XD ₅₅		6 26.8 237°23'	0°9/26.8	17		381901	2010 CG ₂		6 26.8 186°27'	9°0/27.1	18	
5 21	18 52.89	-26 58.3	2.219	3.048	12.8	21.1	5 21	19 8.50	-52 48.7	2.547	3.292	13.6	21.6
5 31	18 47.36	-26 44.9	2.123	3.037	9.9	20.9	5 31	18 59.77	-53 27.5	2.469	3.292	11.9	21.5
6 10	18 39.63	-26 28.5	2.050	3.025	6.5	20.7	6 10	18 47.86	-53 50.1	2.412	3.291	10.3	21.4
6 20	18 30.29	-26 7.6	2.004	3.012	2.8	20.4	6 20	18 33.69	-53 50.0	2.378	3.290	9.2	21.3
6 30	18 20.20	-25 41.6	1.985	3.000	1.5	20.3	6 30	18 18.73	-53 23.2	2.370	3.288	9.0	21.3
7 10	18 10.40	-25 10.9	1.995	2.986	5.3	20.5	7 10	18 4.60	-52 30.0	2.388	3.285	9.8	21.3
7 20	18 1.80	-24 37.1	2.032	2.973	9.0	20.7	7 20	17 52.68	-51 14.3	2.430	3.281	11.3	21.4
7 30	17 55.18	-24 2.7	2.093	2.959	12.2	20.9	7 30	17 43.87	-49 43.2	2.495	3.277	13.0	21.5
251712	1997 CO ₁₆		6 26.8 188°54'	0°8/26.8	17		250476	2004 DT ₁		6 26.8 281°89'	18°0/28.1	18	
5 21	18 54.59	-25 6.8	1.902	2.737	14.4	22.0	5 21	19 12.82	-55 29.3	1.080	1.886	24.8	20.0
5 31	18 48.95	-25 15.4	1.820	2.736	11.1	21.8	5 31	19 7.84	-56 55.2	1.018	1.877	22.5	19.8
6 10	18 40.80	-25 24.0	1.759	2.735	7.3	21.5	6 10	18 55.68	-57 53.8	0.969	1.868	20.2	19.6
6 20	18 30.80	-25 30.2	1.724	2.734	3.1	21.3	6 20	18 37.57	-58 6.7	0.936	1.860	18.5	19.5
6 30	18 19.97	-25 32.0	1.717	2.732	1.7	21.2	6 30	18 16.91	-57 19.0	0.921	1.851	18.0	19.4
7 10	18 9.49	-25 28.8	1.737	2.729	5.9	21.4	7 10	17 58.22	-55 29.3	0.923	1.843	19.1	19.4
7 20	18 0.45	-25 21.3	1.783	2.725	9.9	21.7	7 20	17 44.88	-52 50.8	0.942	1.834	21.4	19.5
7 30	17 53.71	-25 11.2	1.852	2.721	13.4	21.9	7 30	17 38.30	-49 43.7	0.979	1.826	24.2	19.7
210401	2007 VY ₂₅₃		6 26.8 258°76'	4°6/27.4	17		501715	2014 UG ₃₉		6 26.8 221°98'	2°7/27.1	17	
5 21	18 50.83	-12 43.0	1.535	2.375	17.0	21.0	5 21	18 53.05	-16 57.7	1.659	2.497	16.0	22.4
5 31	18 46.55	-12 28.6	1.451	2.365	13.6	20.8	5 31	18 48.06	-16 45.6	1.574	2.490	12.6	22.1
6 10	18 39.53	-12 25.2	1.386	2.354	9.7	20.5	6 10	18 40.41	-16 39.9	1.510	2.483	8.6	21.9
6 20	18 30.38	-12 33.8	1.344	2.344	5.9	20.3	6 20	18 30.72	-16 40.3	1.469	2.475	4.4	21.6
6 30	18 20.15	-12 54.4	1.327	2.333	4.8	20.2	6 30	18 20.04	-16 46.6	1.455	2.466	3.1	21.5
7 10	18 10.13	-13 25.8	1.335	2.322	7.9	20.3	7 10	18 9.62	-16 57.7	1.467	2.457	6.9	21.7
7 20	18 1.55	-14 5.7	1.367	2.311	12.1	20.5	7 20	18 0.65	-17 13.1	1.504	2.448	11.2	21.9
7 30	17 55.44	-14 51.4	1.420	2.300	16.1	20.7	7 30	17 54.08	-17 32.1	1.563	2.438	15.1	22.1
440618	2005 WJ ₃		6 26.8 190°65'	0°7/26.9	18		109137	2001 QO ₅₄		6 26.8 192°27'	4°0/27.5	18	
5 21	18 47.20	-20 3.3	3.184	4.003	9.6	22.3	5 21	18 49.19	-13 1.1	1.499	2.343	17.1	19.6
5 31	18 42.29	-20 10.7	3.093	4.001	7.4	22.1	5 31	18 45.19	-13 0.7	1.427	2.345	13.6	19.4
6 10	18 35.99	-20 20.4	3.027	3.999	4.8	21.9	6 10	18 38.55	-13 12.4	1.376	2.346	9.5	19.2
6 20	18 28.71	-20 31.5	2.988	3.996	2.1	21.7	6 20	18 29.94	-13 36.2	1.347	2.348	5.5	18.9
6 30	18 20.97	-20 43.4	2.979	3.993	1.1	21.6	6 30	18 20.44	-14 11.1	1.342	2.351	4.2	18.9
7 10	18 13.39	-20 55.4	2.999	3.990	3.8	21.8	7 10	18 11.30	-14 54.6	1.363	2.353	7.4	19.1
7 20	18 6.54	-21 7.1	3.047	3.985	6.4	22.0	7 20	18 3.69	-15 43.7	1.408	2.356	11.5	19.3
7 30	18 0.92	-21 18.4	3.122	3.981	8.8	22.2	7 30	17 58.50	-16 35.7	1.474	2.359	15.3	19.6
499924	2011 HO ₁₉		6 26.8 214°66'	5°9/26.9	18		428071	2006 HY ₄₄		6 26.8 161°41'	3°5/26.4	17	
5 21	18 49.71	-8 27.8	2.157	2.965	13.8	21.3	5 21	18 54.05	-32 0.9	2.233	3.059	12.9	21.8
5 31	18 44.76	-7 36.2	2.070	2.959	11.3	21.1	5 31	18 48.32	-32 39.1	2.156	3.064	10.1	21.6
6 10	18 37.87	-6 53.0	2.006	2.953	8.6	21.0	6 10	18 40.29	-33 13.6	2.102	3.069	7.0	21.5
6 20	18 29.55	-6 20.8	1.967	2.946	6.4	20.8	6 20	18 30.60	-33 40.6	2.074	3.073	4.2	21.3
6 30	18 20.58	-6 1.4	1.954	2.939	6.0	20.8	6 30	18 20.15	-33 57.0	2.073	3.077	3.7	21.3
7 10	18 11.84	-5 55.6	1.968	2.932	7.7	20.9	7 10	18 10.05	-34 1.7	2.101	3.080	6.2	21.4
7 20	18 4.14	-6 2.9	2.007	2.924	10.4	21.0	7 20	18 1.28	-33 55.5	2.154	3.083	9.2	21.6
7 30	17 58.18	-6 21.5	2.069	2.915	13.1	21.2	7 30	17 54.61	-33 41.0	2.232	3.085	12.0	21.8
470346	2007 RA ₁₆₆		6 26.8 352°48'	16°7/29.9	16		111001	2001 UG ₂₂₂		6 26.8 80°51'	0°5/26.8	18	
5 21	18 44.26	+14 38.5	1.599	2.334	20.8	20.6	5 21	18 49.31	-24 25.0	2.125	2.964	13.0	20.5
5 31	18 41.24	+16 11.7	1.539	2.329	19.3	20.5	5 31	18 44.58	-24 30.6	2.049	2.968	10.0	20.3
6 10	18 35.88	+17 16.0	1.494	2.325	18.0	20.3	6 10	18 37.79	-24 36.6	1.995	2.972	6.5	20.1
6 20	18 28.80	+17 44.2	1.465	2.322	17.0	20.3	6 20	18 29.53	-24 41.3	1.967	2.977	2.7	19.8
6 30	18 20.92	+17 31.4	1.453	2.319	16.7	20.2	6 30	18 20.65	-24 43.3	1.966	2.981	1.3	19.7
7 10	18 13.34	+16 37.4	1.459	2.318	17.0	20.2	7 10	18 12.12	-24 42.2	1.993	2.986	5.1	20.0
7 20	18 7.08	+15 6.3	1.484	2.317	18.1	20.3	7 20	18 4.80	-24 38.4	2.045	2.990	8.7	20.2
7 30	18 2.94	+13 5.6	1.526	2.317	19.5	20.4	7 30	17 59.38	-24 32.8	2.122	2.994	11.8	20.4
482110	2010 MX ₁₀₈		6 26.8 247°20'	9°6/25.1	18		53324	1999 JZ ₁₈		6 26.8 356°39'	4°0/26.7	18	
5 21													

EPHEMERIDES

6 26.8

6 26.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
8896	1995 QG ₂		6 26.8	16°37'	2°3'/26.4	18	243632	1999 RZ ₂₀₆		6 26.9	201°71'	10°0'/26.0	18
5 21	18 50.64	-24 39.6	1.259	2.127	18.3	16.7	5 21	19 9.00	-56 10.9	2.641	3.370	13.5	21.1
5 31	18 47.07	-25 33.8	1.195	2.129	14.2	16.4	5 31	19 0.65	-57 10.8	2.565	3.365	12.2	21.0
6 10	18 40.17	-26 32.6	1.149	2.132	9.4	16.2	6 10	18 48.76	-57 54.5	2.508	3.360	10.9	20.9
6 20	18 30.73	-27 30.8	1.126	2.136	4.3	15.9	6 20	18 34.22	-58 15.1	2.474	3.354	10.1	20.8
6 30	18 20.08	-28 22.2	1.126	2.140	3.0	15.8	6 30	18 18.57	-58 7.5	2.464	3.347	10.1	20.8
7 10	18 9.91	-29 2.7	1.151	2.144	7.8	16.1	7 10	18 3.61	-57 31.0	2.477	3.340	10.7	20.9
7 20	18 1.73	-29 31.4	1.197	2.150	12.7	16.4	7 20	17 50.92	-56 29.2	2.514	3.332	12.0	20.9
7 30	17 56.67	-29 49.5	1.264	2.155	16.9	16.7	7 30	17 41.58	-55 8.6	2.572	3.323	13.4	21.0
141508	2002 EY ₇₉		6 26.8	70°89'	1°0'/26.9	18	77357	2001 FW ₁₂₅		6 26.9	290°81'	4°6'/27.1	18
5 21	18 47.56	-20 1.3	2.279	3.113	12.3	20.4	5 21	18 49.46	-14 5.7	1.492	2.338	17.1	19.1
5 31	18 43.07	-20 2.6	2.200	3.116	9.5	20.2	5 31	18 45.61	-13 34.4	1.406	2.324	13.6	18.9
6 10	18 36.74	-20 7.1	2.145	3.120	6.3	20.0	6 10	18 39.00	-13 11.4	1.339	2.310	9.7	18.6
6 20	18 29.09	-20 13.8	2.115	3.123	2.8	19.8	6 20	18 30.24	-12 58.3	1.295	2.296	5.9	18.3
6 30	18 20.87	-20 22.0	2.112	3.127	1.5	19.7	6 30	18 20.36	-12 56.2	1.276	2.282	4.8	18.2
7 10	18 12.93	-20 31.0	2.137	3.130	4.9	19.9	7 10	18 10.70	-13 5.2	1.281	2.268	8.1	18.4
7 20	18 6.04	-20 40.3	2.189	3.133	8.2	20.2	7 20	18 2.49	-13 24.3	1.309	2.255	12.4	18.6
7 30	18 0.85	-20 49.9	2.265	3.137	11.2	20.4	7 30	17 56.78	-13 51.7	1.358	2.241	16.5	18.8
263136	2007 VH ₁₂₅		6 26.8	233°27'	4°2'/27.3	18	513042	2017 VA ₆		6 26.9	175°16'	4°4'/26.0	17
5 21	18 51.78	-13 6.7	1.678	2.511	16.1	21.2	5 21	18 54.69	-34 13.1	2.312	3.133	12.6	21.8
5 31	18 47.05	-12 53.2	1.592	2.502	12.9	21.0	5 31	18 48.90	-35 6.2	2.233	3.135	10.0	21.7
6 10	18 39.75	-12 49.3	1.526	2.493	9.1	20.7	6 10	18 40.75	-35 55.1	2.177	3.137	7.2	21.5
6 20	18 30.47	-12 56.0	1.484	2.483	5.5	20.5	6 20	18 30.85	-36 35.2	2.147	3.138	4.9	21.4
6 30	18 20.19	-13 13.1	1.467	2.473	4.4	20.4	6 30	18 20.12	-37 2.7	2.144	3.139	4.6	21.3
7 10	18 10.13	-13 39.5	1.476	2.463	7.4	20.5	7 10	18 9.66	-37 16.1	2.169	3.140	6.7	21.5
7 20	18 1.41	-14 13.3	1.511	2.452	11.4	20.7	7 20	18 0.48	-37 15.9	2.221	3.139	9.4	21.6
7 30	17 55.00	-14 52.7	1.567	2.441	15.2	21.0	7 30	17 53.43	-37 4.8	2.296	3.139	12.1	21.8
63348	2001 FC ₉₄		6 26.8	44°79'	3°1'/27.4	18	8616	Fogelquist		6 26.9	302°39'	4°6'/27.1	18
5 21	18 50.21	-14 53.3	1.373	2.225	18.0	19.4	5 21	18 48.60	-14 36.1	1.376	2.230	17.8	18.0
5 31	18 46.15	-15 3.9	1.308	2.232	14.1	19.1	5 31	18 45.26	-14 4.6	1.287	2.211	14.3	17.7
6 10	18 39.25	-15 26.1	1.264	2.239	9.6	18.9	6 10	18 38.97	-13 41.4	1.217	2.191	10.1	17.4
6 20	18 30.25	-15 59.1	1.241	2.247	5.0	18.6	6 20	18 30.30	-13 28.3	1.169	2.171	6.0	17.1
6 30	18 20.33	-16 40.6	1.243	2.255	3.4	18.6	6 30	18 20.33	-13 26.5	1.144	2.152	4.9	17.0
7 10	18 10.90	-17 27.5	1.270	2.263	7.3	18.8	7 10	18 10.50	-13 36.4	1.143	2.133	8.5	17.1
7 20	18 3.19	-18 16.7	1.320	2.272	11.8	19.1	7 20	18 2.18	-13 56.7	1.165	2.114	13.2	17.3
7 30	17 58.13	-19 5.9	1.391	2.281	15.8	19.4	7 30	17 56.54	-14 25.8	1.206	2.096	17.7	17.5
359461	2010 NS ₅₃		6 26.9	218°47'	6°4'/27.7	18	201742	2003 UJ ₂₆₅		6 26.9	294°45'	1°5'/27.1	18
5 21	18 45.58	-2 12.6	2.675	3.455	12.2	21.4	5 21	18 48.68	-18 27.4	1.807	2.650	14.7	20.2
5 31	18 41.26	-1 37.5	2.589	3.451	10.3	21.2	5 31	18 44.70	-18 38.4	1.710	2.631	11.5	20.0
6 10	18 35.44	-1 13.6	2.526	3.446	8.3	21.1	6 10	18 38.27	-18 55.9	1.635	2.612	7.7	19.7
6 20	18 28.54	-1 3.0	2.486	3.441	6.8	21.0	6 20	18 29.92	-19 19.1	1.584	2.593	3.6	19.4
6 30	18 21.15	-1 7.0	2.474	3.436	6.5	20.9	6 30	18 20.52	-19 46.1	1.559	2.574	2.0	19.3
7 10	18 13.93	-1 25.2	2.487	3.430	7.5	21.0	7 10	18 11.22	-20 15.3	1.561	2.555	6.1	19.5
7 20	18 7.49	-1 56.5	2.526	3.424	9.3	21.1	7 20	18 3.10	-20 45.2	1.588	2.536	10.4	19.7
7 30	18 2.38	-2 38.6	2.589	3.419	11.3	21.2	7 30	17 57.12	-21 14.8	1.637	2.517	14.3	19.9
497861	2006 UT ₁₃₈		6 26.9	166°08'	3°2'/26.6	17	108631	2001 NG		6 26.9	283°65'	3°5'/26.4	18
5 21	18 54.81	-30 17.3	1.727	2.568	15.4	21.7	5 21	18 52.51	-29 21.8	1.604	2.453	16.0	19.5
5 31	18 49.48	-30 42.9	1.652	2.570	12.0	21.5	5 31	18 48.20	-30 2.4	1.516	2.439	12.5	19.3
6 10	18 41.33	-31 5.1	1.599	2.572	8.2	21.2	6 10	18 40.84	-30 42.2	1.450	2.425	8.6	19.0
6 20	18 31.11	-31 19.7	1.569	2.573	4.4	21.0	6 20	18 31.06	-31 16.5	1.406	2.411	4.7	18.8
6 30	18 19.97	-31 23.5	1.566	2.575	3.5	21.0	6 30	18 19.99	-31 40.5	1.388	2.397	3.9	18.7
7 10	18 9.29	-31 15.6	1.589	2.576	6.9	21.2	7 10	18 9.14	-31 51.6	1.396	2.384	7.6	18.9
7 20	18 0.29	-30 57.6	1.637	2.577	10.8	21.4	7 20	17 59.90	-31 50.3	1.427	2.370	11.9	19.1
7 30	17 53.92	-30 32.9	1.707	2.577	14.3	21.6	7 30	17 53.42	-31 39.2	1.480	2.356	15.8	19.3
181155	2005 RC ₂₄		6 26.9	118°66'	2°2'/26.6	18	346575	2008 VD ₄₈		6 26.9	283°01'	8°0'/26.5	18
5 21	18 50.53	-29 36.8	2.338	3.169	12.2	20.8	5 21	18 48.53	-5 32.7	1.897	2.706	15.4	20.9
5 31	18 45.42	-29 55.1	2.262	3.176	9.4	20.6	5 31	18 44.33	-4 24.8	1.799	2.683	13.0	20.7
6 10	18 38.29	-30 10.6	2.210	3.182	6.3	20.4	6 10	18 37.89	-3 26.8	1.722	2.660	10.4	20.5
6 20	18 29.74	-30 20.8	2.184	3.189	3.3	20.2	6 20	18 29.73	-2 42.8	1.668	2.637	8.4	20.3
6 30	18 20.61	-30 23.9	2.185	3.195	2.6	20.2	6 30	18 20.63	-2 16.5	1.639	2.613	8.1	20.2
7 10	18 11.83	-30 19.3	2.214	3.201	5.3	20.4	7 10	18 11.60	-2 9.5	1.635	2.589	9.8	20.3
7 20	18 4.24	-30 7.9	2.270	3.207	8.4	20.6	7 20	18 3.63	-2 21.6	1.655	2.565	12.6	20.4
7 30	17 58.52	-29 51.6	2.350	3.213	11.2	20.8	7 30	17 57.57	-2 50.6	1.696	2.541	15.6	20.5
101603	1999 CB ₂		6 26.9	101°17'	3°9'/26.5	18 R	472930	2015 GS ₂₀		6 26.9	27°03'	7°2'/27.6	17
5 21	18 56.27	-32 12.3	1.810	2.645	15.1	19.2	5 21	18 47.25	-7 10.3	1.596	2.425	17.0	21.2
5 31	18 50.34	-32 48.7	1.750	2.662	11.8	19.1	5 31	18 43.41	-6 25.4	1.530	2.430	13.9	21.0
6 10	18 41.72	-33 20.0	1.711	2.680	8.1	18.9	6 10	18 37.24	-5 54.4	1.484	2.435	10.7	20.9
6 20	18 31.20	-33 41.7	1.697	2.697	4.9	18.7	6 20	18 29.39	-5 40.3	1.460	2.441	8.0	20.7
6 30	18 19.98	-33 50.5	1.709	2.713	4.2	18.7	6 30	18 20.83	-5 44.7	1.460	2.448	7.3	20.7
7 10	18 9.37	-33 45.7	1.748	2.729	6.9	18.9	7 10	18 12.68	-6 7.0	1.484	2.454	9.1	20.8
7 20	18 0.51	-33 29.3	1.812	2.745	10.3	19.1	7 20	18 5.92	-6 44.6	1.531	2.462	12.1	21.0
7 30	17 54.23	-33 4.8	1.899	2.761	13.5	19.4	7 30	18 1.33	-7 33.8	1.600	2.469	15.2	21.2
227383	2005 UB ₂₆₆		6 26.9	87°91'	0°1'/26.9	17	355097	2006 TZ ₄₇		6 26.9	179°71'	1°7'/26.6	18
5 21	18 52.32	-22 18.8											

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
74818	Iten		6 26.9 189°54	4.0°/26.2	18		87228	2000 OD ₄₂		6 26.9 195°36	1.5°/26.9	18	R
5 21	18 56.28	-31 27.7	1.889	2.721	14.6	19.9	5 21	18 50.98	-28 26.5	2.290	3.122	12.4	18.4
5 31	18 50.58	-32 18.1	1.808	2.720	11.5	19.7	5 31	18 45.80	-28 21.7	2.207	3.121	9.6	18.2
6 10	18 42.10	-33 5.9	1.750	2.719	8.0	19.5	6 10	18 38.59	-28 13.7	2.146	3.120	6.3	18.0
6 20	18 31.50	-33 45.9	1.717	2.717	4.8	19.3	6 20	18 29.93	-28 0.9	2.112	3.119	3.0	17.8
6 30	18 19.86	-34 13.6	1.711	2.715	4.3	19.2	6 30	18 20.67	-27 42.2	2.105	3.118	1.9	17.7
7 10	18 8.54	-34 26.9	1.732	2.712	7.2	19.4	7 10	18 11.76	-27 17.9	2.126	3.117	5.1	17.9
7 20	17 58.76	-34 26.5	1.778	2.708	10.7	19.6	7 20	18 4.05	-26 49.5	2.175	3.116	8.4	18.1
7 30	17 51.52	-34 15.5	1.847	2.704	14.0	19.8	7 30	17 58.22	-26 19.1	2.247	3.114	11.5	18.3
166565	2002 RE ₁₀₉		6 26.9 250°26	0°8/26.9	17		521279	2015 HV ₁₉₄		6 26.9 254°61	7°1/27.1	18	
5 21	18 49.44	-20 31.5	2.081	2.917	13.3	20.6	5 21	18 48.06	-6 10.2	1.970	2.780	14.9	21.4
5 31	18 44.84	-20 34.7	1.992	2.909	10.3	20.4	5 31	18 43.69	-5 13.3	1.891	2.777	12.4	21.2
6 10	18 38.10	-20 41.2	1.926	2.902	6.8	20.1	6 10	18 37.29	-4 27.4	1.833	2.774	9.7	21.1
6 20	18 29.77	-20 49.8	1.885	2.894	3.0	19.9	6 20	18 29.43	-3 55.7	1.798	2.770	7.6	20.9
6 30	18 20.68	-20 59.5	1.871	2.886	1.5	19.8	6 30	18 20.89	-3 40.3	1.789	2.767	7.2	20.9
7 10	18 11.80	-21 9.4	1.884	2.877	5.4	20.0	7 10	18 12.62	-3 42.0	1.805	2.763	8.7	21.0
7 20	18 4.06	-21 19.0	1.924	2.869	9.1	20.2	7 20	18 5.46	-3 59.6	1.845	2.760	11.3	21.1
7 30	17 58.22	-21 28.6	1.988	2.861	12.5	20.4	7 30	18 0.13	-4 30.5	1.908	2.756	14.0	21.3
121930	2000 DW ₁₀₅		6 26.9 241°31	0°1/26.9	17		492322	2014 CW ₇		6 26.9 3°49	1°5/27.1	16	
5 21	18 54.21	-21 22.2	1.516	2.363	16.8	19.8	5 21	18 48.91	-18 27.7	1.888	2.728	14.3	21.6
5 31	18 49.46	-21 46.5	1.429	2.352	13.1	19.5	5 31	18 44.56	-18 36.4	1.809	2.728	11.1	21.4
6 10	18 41.66	-22 16.6	1.363	2.341	8.7	19.2	6 10	18 37.97	-18 50.8	1.752	2.728	7.4	21.1
6 20	18 31.42	-22 50.0	1.320	2.330	3.6	18.9	6 20	18 29.74	-19 9.7	1.720	2.728	3.4	20.9
6 30	18 19.89	-23 23.0	1.302	2.318	1.7	18.7	6 30	18 20.74	-19 31.9	1.714	2.728	1.9	20.8
7 10	18 8.53	-23 53.0	1.311	2.305	7.0	19.0	7 10	18 12.04	-19 55.7	1.735	2.728	5.7	21.0
7 20	17 58.78	-24 18.5	1.344	2.292	11.9	19.3	7 20	18 4.59	-20 19.9	1.782	2.729	9.6	21.3
7 30	17 51.77	-24 40.0	1.398	2.279	16.2	19.5	7 30	17 59.17	-20 44.1	1.851	2.729	13.0	21.5
265696	2005 UG ₁₄₆		6 26.9 19°10	3°7/26.6	17		5201	Ferraz-Mello		6 26.9 98°78	1°0/26.7	18	
5 21	18 51.43	-30 9.3	1.416	2.274	17.2	19.9	5 21	18 50.16	-26 54.1	3.271	4.088	9.4	21.0
5 31	18 47.42	-30 41.1	1.350	2.278	13.4	19.7	5 31	18 44.39	-27 7.7	3.212	4.119	7.2	20.8
6 10	18 40.26	-31 9.7	1.304	2.281	9.1	19.5	6 10	18 37.27	-27 19.9	3.178	4.149	4.7	20.7
6 20	18 30.76	-31 30.2	1.280	2.285	5.0	19.3	6 20	18 29.28	-27 29.3	3.172	4.179	2.1	20.6
6 30	18 20.26	-31 38.6	1.281	2.290	4.1	19.2	6 30	18 21.00	-27 34.9	3.195	4.208	1.4	20.5
7 10	18 10.32	-31 33.8	1.306	2.296	7.7	19.4	7 10	18 13.06	-27 36.3	3.249	4.237	3.7	20.7
7 20	18 2.33	-31 17.7	1.354	2.301	12.0	19.7	7 20	18 6.00	-27 33.9	3.331	4.265	6.1	20.9
7 30	17 57.28	-30 53.8	1.423	2.308	15.8	19.9	7 30	18 0.27	-27 28.7	3.439	4.292	8.2	21.1
114611	2003 DE ₉		6 26.9 172°74	5°2/26.3	18		200245	1999 VM ₁₂₀		6 26.9 278°27	0°6/26.8	18	
5 21	18 52.73	-37 7.4	2.214	3.037	13.1	19.9	5 21	18 50.55	-23 49.5	1.884	2.726	14.2	21.3
5 31	18 47.54	-37 49.8	2.137	3.037	10.5	19.7	5 31	18 46.13	-24 6.2	1.788	2.709	11.0	21.0
6 10	18 39.92	-38 25.3	2.082	3.037	7.8	19.6	6 10	18 39.21	-24 25.1	1.714	2.691	7.3	20.8
6 20	18 30.54	-38 49.5	2.051	3.037	5.7	19.4	6 20	18 30.34	-24 43.8	1.664	2.674	3.1	20.5
6 30	18 20.36	-38 59.1	2.048	3.038	5.4	19.4	6 30	18 20.45	-25 0.2	1.641	2.656	1.6	20.3
7 10	18 10.53	-38 53.0	2.071	3.038	7.2	19.5	7 10	18 10.68	-25 12.5	1.644	2.638	6.0	20.6
7 20	18 2.09	-38 32.8	2.119	3.038	9.8	19.7	7 20	18 2.16	-25 20.5	1.673	2.620	10.2	20.8
7 30	17 55.88	-38 1.9	2.191	3.038	12.5	19.9	7 30	17 55.82	-25 25.1	1.725	2.601	13.9	21.0
314575	2005 YJ ₂₁₄		6 26.9 252°91	6°4/26.9	18		393914	2005 US ₃₅		6 26.9 325°93	1°6/26.7	18	
5 21	18 58.15	-45 41.2	2.749	3.531	11.9	21.4	5 21	18 47.26	-26 3.4	1.812	2.664	14.3	20.8
5 31	18 51.44	-46 0.2	2.652	3.515	10.0	21.2	5 31	18 43.70	-26 27.9	1.722	2.648	11.1	20.6
6 10	18 42.32	-46 7.4	2.578	3.499	8.2	21.0	6 10	18 37.66	-26 53.4	1.653	2.632	7.4	20.3
6 20	18 31.49	-45 58.6	2.528	3.482	6.7	20.9	6 20	18 29.70	-27 17.1	1.608	2.617	3.4	20.0
6 30	18 19.93	-45 31.0	2.505	3.466	6.5	20.9	6 30	18 20.75	-27 36.1	1.589	2.602	2.2	19.9
7 10	18 8.79	-44 44.6	2.509	3.448	7.6	20.9	7 10	18 11.99	-27 48.8	1.595	2.588	6.2	20.2
7 20	17 59.08	-43 41.9	2.540	3.431	9.5	21.0	7 20	18 4.50	-27 54.8	1.627	2.575	10.3	20.4
7 30	17 51.60	-42 27.5	2.595	3.413	11.6	21.1	7 30	17 59.25	-27 55.5	1.680	2.562	13.9	20.6
292218	2006 SC ₄₉		6 26.9 320°05	2°3/26.6	18		508645	2017 TF ₁₁		6 26.9 242°01	2°2/26.7	17	
5 21	18 47.81	-26 21.4	1.214	2.088	18.4	20.3	5 21	18 54.15	-28 3.6	1.852	2.690	14.6	22.7
5 31	18 45.39	-26 48.1	1.127	2.066	14.5	20.0	5 31	18 48.98	-28 24.0	1.761	2.678	11.4	22.5
6 10	18 39.49	-27 16.7	1.059	2.043	9.7	19.6	6 10	18 41.10	-28 43.0	1.691	2.665	7.7	22.2
6 20	18 30.67	-27 43.1	1.012	2.022	4.6	19.3	6 20	18 31.13	-28 57.2	1.645	2.652	3.7	22.0
6 30	18 20.21	-28 2.9	0.988	2.001	3.1	19.1	6 30	18 20.11	-29 3.7	1.627	2.639	2.7	21.8
7 10	18 9.86	-28 12.9	0.986	1.982	8.3	19.3	7 10	18 9.31	-29 1.2	1.635	2.625	6.4	22.1
7 20	18 1.38	-28 13.1	1.005	1.963	13.9	19.6	7 20	17 59.95	-28 50.5	1.669	2.610	10.5	22.3
7 30	17 56.18	-28 5.9	1.043	1.945	18.8	19.8	7 30	17 52.99	-28 34.0	1.726	2.596	14.2	22.5
42071	2000 YS ₁₃₇		6 26.9 280°39	1°1/26.9	18		154878	2004 RH ₁₃₅		6 26.9 205°67	0°1/26.9	18	
5 21	18 50.13	-20 58.6	1.794	2.638	14.8	19.3	5 21	18 47.88	-22 34.4	2.783	3.610	10.6	21.4
5 31	18 45.67	-20 47.2	1.710	2.631	11.5	19.1	5 31	18 43.11	-22 43.8	2.693	3.606	8.1	21.2
6 10	18 38.79	-20 38.1	1.646	2.624	7.6	18.8	6 10	18 36.71	-22 54.6	2.627	3.602	5.3	21.0
6 20	18 30.10	-20 30.8	1.607	2.617	3.3	18.5	6 20	18 29.15	-23 5.5	2.588	3.598	2.2	20.8
6 30	18 20.56	-20 24.6	1.595	2.610	1.8	18.4	6 30	18 21.05	-23 15.5	2.578	3.593	1.0	20.7
7 10	18 11.31	-20 19.4	1.609	2.602	6.0	18.7	7 10	18 13.14	-23 24.0	2.596	3.588	4.2	20.9
7 20	18 3.41	-20 15.3	1.648	2.595	10.2	18.9	7 20	18 6.08	-23 30.8	2.642	3.583	7.2	21.1
7 30	17 57.71	-20 13.1	1.710	2.588	13.9	19.1	7 30	18 0.44	-23 36.0	2.714	3.578	9.8	21.3
470427	2007 VP ₂₄₂		6 26.9 267°34	3°1/26.6	18		32973	1					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
271807	2004 <i>TB</i> ₉₅		6 26.9 148°75	2°4/27.1	18		76141	2000 <i>EJ</i> ₁₃		6 26.9 159°27	0°3/26.8	18	
5 21	18 46.71	-15 37.0	2.607	3.429	11.3	21.0	5 21	18 50.47	-22 51.6	2.083	2.919	13.3	20.0
5 31	18 42.19	-15 22.6	2.525	3.432	8.9	20.8	5 31	18 45.61	-23 11.6	2.004	2.921	10.2	19.8
6 10	18 36.09	-15 13.0	2.467	3.435	6.1	20.6	6 10	18 38.60	-23 34.0	1.947	2.923	6.7	19.6
6 20	18 28.88	-15 8.1	2.436	3.437	3.4	20.4	6 20	18 30.02	-23 56.7	1.915	2.925	2.8	19.3
6 30	18 21.20	-15 8.1	2.432	3.440	2.6	20.4	6 30	18 20.73	-24 17.6	1.912	2.927	1.3	19.2
7 10	18 13.75	-15 12.6	2.456	3.442	4.9	20.5	7 10	18 11.72	-24 35.3	1.935	2.928	5.3	19.5
7 20	18 7.19	-15 21.2	2.508	3.445	7.7	20.7	7 20	18 3.91	-24 49.5	1.986	2.930	8.9	19.7
7 30	18 2.06	-15 33.3	2.584	3.447	10.3	20.9	7 30	17 58.06	-25 0.5	2.059	2.931	12.2	19.9
253358	2003 <i>GL</i> ₂		6 26.9 307°61	10°4/27.8	16		63417	2001 <i>KR</i> ₅₈		6 26.9 294°45	2°9/27.4	18	
5 21	18 45.74	+ 6 16.8	2.254	3.004	15.0	20.2	5 21	18 48.71	-14 18.7	1.941	2.773	14.3	18.9
5 31	18 41.69	+ 7 25.6	2.181	3.001	13.4	20.1	5 31	18 44.65	-14 26.5	1.833	2.744	11.4	18.6
6 10	18 35.89	+ 8 17.4	2.127	2.999	11.8	19.9	6 10	18 38.28	-14 43.8	1.745	2.715	7.9	18.3
6 20	18 28.84	+ 8 47.8	2.094	2.996	10.7	19.9	6 20	18 30.02	-15 10.5	1.683	2.686	4.4	18.1
6 30	18 21.22	+ 8 54.1	2.085	2.994	10.5	19.8	6 30	18 20.68	-15 45.7	1.646	2.656	3.2	17.9
7 10	18 13.81	+ 8 36.1	2.098	2.992	11.1	19.9	7 10	18 11.27	-16 27.8	1.637	2.627	6.4	18.1
7 20	18 7.34	+ 7 55.6	2.134	2.989	12.5	20.0	7 20	18 2.85	-17 14.6	1.653	2.597	10.4	18.2
7 30	18 2.43	+ 6 56.4	2.191	2.987	14.1	20.1	7 30	17 56.37	-18 3.9	1.692	2.568	14.2	18.4
43747	1981 <i>EX</i> ₃₁		6 26.9 266°48	3°0/27.2	18		158472	Tiffanyfinley		6 26.9 338°50	2°3/26.7	17	
5 21	18 48.44	-15 11.8	2.095	2.924	13.5	18.4	5 21	18 49.83	-27 33.9	1.528	2.385	16.2	19.7
5 31	18 44.05	-14 58.0	2.002	2.912	10.6	18.2	5 31	18 46.05	-27 57.0	1.450	2.378	12.6	19.4
6 10	18 37.60	-14 50.3	1.931	2.899	7.4	18.0	6 10	18 39.37	-28 19.3	1.393	2.372	8.4	19.2
6 20	18 29.61	-14 49.1	1.885	2.887	4.2	17.8	6 20	18 30.47	-28 37.2	1.359	2.367	4.1	18.9
6 30	18 20.85	-14 54.4	1.865	2.874	3.2	17.7	6 30	18 20.52	-28 47.5	1.349	2.362	2.9	18.8
7 10	18 12.26	-15 5.7	1.873	2.861	6.0	17.8	7 10	18 10.93	-28 48.7	1.365	2.358	7.0	19.1
7 20	18 4.71	-15 22.3	1.907	2.848	9.5	18.0	7 20	18 3.01	-28 41.6	1.404	2.354	11.4	19.3
7 30	17 58.97	-15 43.3	1.964	2.834	12.7	18.2	7 30	17 57.77	-28 28.6	1.465	2.351	15.3	19.5
404647	2014 <i>HA</i> ₃₄		6 26.9 324°17	6°9/27.5	18		210876	2001 <i>SY</i> ₁₃		6 26.9 297°58	3°2/27.3	18	
5 21	18 45.07	- 6 5.9	1.927	2.744	14.9	20.6	5 21	18 47.58	-14 36.0	2.009	2.841	13.8	20.8
5 31	18 41.56	- 5 26.2	1.840	2.731	12.4	20.4	5 31	18 43.43	-14 23.5	1.923	2.834	10.9	20.6
6 10	18 36.02	- 4 58.6	1.774	2.719	9.7	20.3	6 10	18 37.21	-14 18.1	1.859	2.828	7.6	20.3
6 20	18 28.96	- 4 46.0	1.731	2.707	7.5	20.1	6 20	18 29.46	-14 20.1	1.819	2.821	4.4	20.1
6 30	18 21.15	- 4 50.1	1.713	2.695	6.9	20.0	6 30	18 20.99	-14 29.5	1.806	2.814	3.4	20.1
7 10	18 13.52	- 5 10.9	1.719	2.684	8.5	20.1	7 10	18 12.74	-14 45.5	1.820	2.808	6.1	20.2
7 20	18 6.93	- 5 46.7	1.750	2.674	11.2	20.2	7 20	18 5.59	-15 7.2	1.859	2.801	9.6	20.4
7 30	18 2.15	- 6 34.5	1.802	2.664	14.1	20.4	7 30	18 0.28	-15 33.2	1.922	2.795	12.8	20.6
509825	2008 <i>WO</i> ₉₉		6 26.9 248°44	0°7/26.8	18		471652	2012 <i>TE</i> ₁₁₄		6 26.9 7°76	6°8/26.7	17	
5 21	18 51.43	-24 5.7	2.167	3.000	12.9	22.1	5 21	18 48.73	- 9 4.4	1.769	2.594	15.7	20.8
5 31	18 46.46	-24 25.9	2.069	2.985	10.0	21.9	5 31	18 44.40	- 7 53.5	1.696	2.594	12.9	20.6
6 10	18 39.26	-24 47.9	1.994	2.969	6.6	21.7	6 10	18 37.85	- 6 51.9	1.643	2.595	9.9	20.4
6 20	18 30.34	-25 9.4	1.944	2.954	2.8	21.4	6 20	18 29.72	- 6 2.9	1.614	2.595	7.4	20.2
6 30	18 20.52	-25 28.2	1.922	2.937	1.5	21.3	6 30	18 20.91	- 5 29.8	1.610	2.596	7.0	20.2
7 10	18 10.82	-25 42.8	1.929	2.920	5.4	21.5	7 10	18 12.45	- 5 13.7	1.631	2.597	8.9	20.3
7 20	18 2.22	-25 52.9	1.961	2.903	9.2	21.7	7 20	18 5.28	- 5 14.1	1.677	2.598	11.8	20.5
7 30	17 55.55	-25 59.2	2.018	2.886	12.5	21.9	7 30	18 0.14	- 5 29.0	1.743	2.600	14.7	20.7
433639	2014 <i>AG</i> ₁₉		6 26.9 336°96	0°1/26.9	17		188950	2007 <i>EC</i> ₃₁		6 26.9 37°16	2°0/27.1	18	
5 21	18 49.65	-22 11.5	1.759	2.606	14.9	21.2	5 21	18 46.91	-17 27.1	2.143	2.978	13.0	20.2
5 31	18 45.40	-22 31.5	1.680	2.604	11.5	21.0	5 31	18 42.70	-17 21.2	2.069	2.984	10.1	20.0
6 10	18 38.68	-22 55.1	1.623	2.602	7.5	20.8	6 10	18 36.60	-17 20.1	2.017	2.990	6.8	19.8
6 20	18 30.10	-23 20.2	1.590	2.600	3.1	20.5	6 20	18 29.16	-17 23.7	1.990	2.996	3.4	19.6
6 30	18 20.65	-23 44.4	1.582	2.598	1.4	20.4	6 30	18 21.17	-17 31.3	1.991	3.003	2.3	19.5
7 10	18 11.50	-24 5.7	1.602	2.596	5.9	20.7	7 10	18 13.48	-17 42.3	2.019	3.010	5.3	19.8
7 20	18 3.73	-24 23.6	1.646	2.595	10.1	20.9	7 20	18 6.89	-17 56.0	2.072	3.017	8.6	20.0
7 30	17 58.21	-24 38.2	1.713	2.593	13.8	21.1	7 30	18 2.04	-18 11.8	2.150	3.024	11.6	20.2
384541	2010 <i>EU</i> ₃₄		6 26.9 41°93	1°5/27.1	17		123125	2000 <i>TQ</i> ₇		6 26.9 223°00	0°8/26.8	18	
5 21	18 49.18	-18 42.1	1.852	2.693	14.5	20.6	5 21	18 52.29	-24 56.1	2.068	2.902	13.4	21.3
5 31	18 44.80	-18 47.3	1.776	2.695	11.2	20.4	5 31	18 47.14	-25 6.5	1.979	2.895	10.4	21.1
6 10	18 38.14	-18 57.8	1.722	2.698	7.5	20.2	6 10	18 39.69	-25 17.1	1.912	2.888	6.8	20.8
6 20	18 29.84	-19 12.6	1.692	2.700	3.4	19.9	6 20	18 30.53	-25 26.0	1.870	2.879	2.9	20.6
6 30	18 20.80	-19 30.5	1.689	2.703	1.9	19.8	6 30	18 20.53	-25 31.2	1.856	2.871	1.5	20.4
7 10	18 12.09	-19 50.0	1.712	2.705	5.8	20.1	7 10	18 10.77	-25 31.9	1.870	2.862	5.5	20.7
7 20	18 4.67	-20 10.3	1.761	2.708	9.7	20.3	7 20	18 2.25	-25 28.5	1.910	2.853	9.3	20.9
7 30	17 59.32	-20 30.8	1.832	2.711	13.1	20.5	7 30	17 55.79	-25 22.3	1.974	2.843	12.7	21.1
134536	1999 <i>RD</i> ₇₇		6 26.9 291°29	4°6/27.5	18		65504	3544 <i>P-L</i>		6 26.9 325°20	0°6/26.9	18	
5 21	18 49.47	-12 43.5	1.455	2.300	17.5	19.8	5 21	18 49.68	-23 46.0	1.342	2.207	17.6	18.4
5 31	18 45.78	-12 33.0	1.368	2.285	14.0	19.6	5 31	18 46.20	-23 19.7	1.261	2.194	13.7	18.1
6 10	18 39.24	-12 34.5	1.300	2.270	10.0	19.3	6 10	18 39.61	-22 52.4	1.200	2.182	9.1	17.8
6 20	18 30.46	-12 49.0	1.255	2.255	6.1	19.0	6 20	18 30.62	-22 23.2	1.161	2.171	3.9	17.5
6 30	18 20.47	-13 16.6	1.234	2.241	4.8	18.9	6 30	18 20.48	-21 52.2	1.145	2.161	1.8	17.3
7 10	18 10.62	-13 55.6	1.237	2.226	8.1	19.1	7 10	18 10.72	-21 20.6	1.154	2.151	7.3	17.6
7 20	18 2.22	-14 43.2	1.263	2.212	12.5	19.3	7 20	18 2.75	-20 50.6	1.185	2.141	12.4	17.9
7 30	17 56.37	-15 36.4	1.311	2.197	16.7	19.5	7 30	17 57.65	-20 24.3	1.237	2.133	16.9	18.1
5669	1985 <i>CC</i> ₂		6 26.9 67°78	1°3/27.1	18		199899	2007 <i>GV</i>					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
157182	2004 <i>PD</i> ₈₄		6 26.9 280°06	8°8/28.6	18		388178	2006 <i>BY</i> ₁₃₇		6 26.9 212°79	2°0/27.1	18	
5 21	18 45.48	+ 4 15.3	2.413	3.169	14.0	20.2	5 21	18 51.10	-17 13.2	2.250	3.074	12.8	22.6
5 31	18 41.43	+ 4 52.2	2.329	3.161	12.2	20.1	5 31	18 45.95	-17 9.4	2.158	3.067	10.0	22.4
6 10	18 35.72	+ 5 12.9	2.265	3.154	10.5	19.9	6 10	18 38.79	-17 10.5	2.089	3.060	6.8	22.1
6 20	18 28.81	+ 5 14.4	2.223	3.146	9.2	19.8	6 20	18 30.14	-17 16.0	2.046	3.051	3.4	21.9
6 30	18 21.32	+ 4 54.9	2.206	3.138	8.8	19.8	6 30	18 20.78	-17 25.3	2.031	3.043	2.3	21.8
7 10	18 13.99	+ 4 14.9	2.212	3.130	9.6	19.8	7 10	18 11.60	-17 37.6	2.044	3.034	5.4	22.0
7 20	18 7.51	+ 3 16.5	2.243	3.122	11.1	19.9	7 20	18 3.46	-17 52.4	2.084	3.024	8.8	22.2
7 30	18 2.48	+ 2 3.7	2.297	3.114	12.9	20.0	7 30	17 57.08	-18 9.3	2.148	3.014	12.0	22.4
85790	1998 <i>VX</i> ₁₇		6 26.9 187°91	0°6/26.8	18		388595	2007 <i>RW</i> ₁₆₉		6 26.9 291°48	0°6/26.9	16	
5 21	18 53.88	-24 36.3	2.023	2.855	13.8	20.1	5 21	18 49.54	-21 4.5	1.882	2.724	14.2	21.7
5 31	18 48.32	-24 44.0	1.940	2.855	10.6	19.9	5 31	18 45.17	-21 13.2	1.799	2.720	11.0	21.4
6 10	18 40.42	-24 52.0	1.879	2.854	7.0	19.7	6 10	18 38.47	-21 25.4	1.738	2.715	7.2	21.2
6 20	18 30.81	-24 58.1	1.843	2.853	2.9	19.4	6 20	18 30.06	-21 39.8	1.702	2.711	3.1	20.9
6 30	18 20.42	-25 0.7	1.836	2.850	1.5	19.3	6 30	18 20.82	-21 54.7	1.692	2.707	1.4	20.8
7 10	18 10.35	-24 59.1	1.856	2.848	5.5	19.6	7 10	18 11.85	-22 9.0	1.709	2.703	5.7	21.1
7 20	18 1.60	-24 53.8	1.902	2.845	9.4	19.8	7 20	18 4.15	-22 22.0	1.751	2.699	9.7	21.3
7 30	17 54.98	-24 46.3	1.973	2.841	12.8	20.0	7 30	17 58.54	-22 33.9	1.816	2.695	13.2	21.5
418021	2007 <i>UV</i> ₆₀		6 26.9 306°29	2°6/26.5	17		459620	2013 <i>HH</i> ₁₃₀		6 26.9 72°43	0°9/26.9	17	
5 21	18 51.61	-26 20.1	1.329	2.192	17.8	21.4	5 21	18 54.97	-25 29.6	1.288	2.147	18.5	20.9
5 31	18 47.98	-27 0.6	1.250	2.181	13.9	21.1	5 31	18 50.14	-25 27.1	1.227	2.157	14.3	20.6
6 10	18 40.98	-27 43.8	1.190	2.171	9.3	20.8	6 10	18 42.03	-25 23.9	1.186	2.167	9.4	20.4
6 20	18 31.28	-28 24.8	1.152	2.161	4.5	20.5	6 20	18 31.56	-25 17.3	1.167	2.177	4.0	20.1
6 30	18 20.15	-28 58.3	1.138	2.151	3.2	20.4	6 30	18 20.19	-25 5.5	1.172	2.188	1.9	20.0
7 10	18 9.30	-29 20.9	1.148	2.141	7.9	20.6	7 10	18 9.56	-24 48.7	1.202	2.198	7.2	20.3
7 20	18 0.30	-29 32.3	1.180	2.132	12.9	20.9	7 20	18 1.06	-24 28.8	1.255	2.208	12.2	20.6
7 30	17 54.42	-29 34.6	1.233	2.123	17.4	21.1	7 30	17 55.66	-24 8.4	1.329	2.218	16.4	20.9
472839	2015 <i>FZ</i> ₂₃₈		6 26.9 350°09	5°1/26.1	17		222775	2002 <i>CS</i> ₁₀₄		6 26.9 166°61	5°6/28.1	18	
5 21	18 52.75	-32 56.4	1.648	2.493	15.8	20.3	5 21	18 50.31	- 4 33.0	2.507	3.291	12.8	21.2
5 31	18 48.32	-33 55.1	1.574	2.491	12.5	20.1	5 31	18 44.96	- 4 17.2	2.427	3.297	10.6	21.1
6 10	18 40.88	-34 50.2	1.521	2.490	8.9	19.9	6 10	18 37.94	- 4 13.0	2.369	3.302	8.2	20.9
6 20	18 31.13	-35 35.8	1.492	2.489	5.9	19.7	6 20	18 29.73	- 4 21.7	2.337	3.306	6.3	20.8
6 30	18 20.26	-36 6.4	1.488	2.488	5.4	19.7	6 30	18 20.99	- 4 43.6	2.332	3.310	5.7	20.8
7 10	18 9.76	-36 19.7	1.509	2.488	8.2	19.8	7 10	18 12.50	- 5 17.8	2.354	3.313	6.9	20.9
7 20	18 0.99	-36 16.6	1.554	2.487	11.8	20.1	7 20	18 4.92	- 6 2.2	2.404	3.316	9.1	21.0
7 30	17 55.00	-36 0.8	1.621	2.487	15.1	20.3	7 30	17 58.85	- 6 54.4	2.478	3.317	11.4	21.2
235839	2004 <i>YH</i> ₁₁		6 26.9 145°16	0°2/26.9	18		48197	2001 <i>JO</i> ₂		6 26.9 65°05	4°8/27.5	18	
5 21	18 51.40	-22 41.1	2.019	2.855	13.6	21.3	5 21	18 49.05	-11 1.2	1.808	2.636	15.3	18.6
5 31	18 46.36	-22 55.9	1.942	2.860	10.5	21.1	5 31	18 44.51	-10 37.0	1.747	2.651	12.2	18.5
6 10	18 39.11	-23 13.0	1.888	2.865	6.9	20.9	6 10	18 37.85	-10 23.1	1.706	2.667	8.8	18.3
6 20	18 30.25	-23 30.2	1.859	2.869	2.9	20.6	6 20	18 29.71	-10 20.7	1.689	2.682	5.8	18.1
6 30	18 20.69	-23 45.9	1.858	2.873	1.3	20.5	6 30	18 21.02	-10 30.0	1.698	2.698	4.9	18.1
7 10	18 11.47	-23 58.8	1.884	2.877	5.4	20.8	7 10	18 12.77	-10 50.0	1.733	2.713	7.1	18.3
7 20	18 3.52	-24 8.7	1.937	2.881	9.1	21.0	7 20	18 5.84	-11 18.9	1.792	2.729	10.2	18.5
7 30	17 57.59	-24 16.1	2.013	2.884	12.4	21.3	7 30	18 0.91	-11 54.3	1.875	2.744	13.3	18.7
479188	2013 <i>CS</i> ₆₆		6 26.9 177°54	2°7/26.7	18		19399	1998 <i>EP</i> ₁₀		6 26.9 217°05	2°0/27.2	18	
5 21	18 51.98	-32 48.4	2.790	3.608	10.8	21.8	5 21	18 50.36	-16 48.5	1.872	2.708	14.6	19.1
5 31	18 46.30	-32 59.2	2.706	3.609	8.5	21.6	5 31	18 45.76	-16 58.8	1.790	2.705	11.4	18.9
6 10	18 38.82	-33 5.3	2.646	3.611	5.9	21.5	6 10	18 38.85	-17 16.5	1.729	2.703	7.7	18.7
6 20	18 30.07	-33 4.5	2.612	3.611	3.4	21.3	6 20	18 30.22	-17 40.5	1.693	2.700	3.8	18.5
6 30	18 20.79	-32 55.1	2.607	3.612	2.9	21.3	6 30	18 20.76	-18 9.4	1.684	2.697	2.3	18.3
7 10	18 11.82	-32 37.3	2.631	3.612	5.0	21.4	7 10	18 11.56	-18 41.2	1.702	2.694	5.9	18.6
7 20	18 3.91	-32 12.1	2.682	3.611	7.6	21.6	7 20	18 3.59	-19 14.4	1.745	2.691	9.8	18.8
7 30	17 57.66	-31 41.8	2.758	3.610	10.0	21.7	7 30	17 57.70	-19 47.9	1.812	2.688	13.4	19.0
503672	2016 <i>HZ</i> ₁		6 26.9 352°66	1°8/26.6	17		69345	1993 <i>TE</i> ₃₁		6 26.9 268°01	2°9/27.1	18	
5 21	18 45.73	-24 5.5	1.107	1.989	19.2	20.7	5 21	18 51.85	-16 54.2	1.565	2.409	16.5	20.5
5 31	18 43.76	-24 45.9	1.039	1.982	14.9	20.4	5 31	18 47.53	-16 42.0	1.473	2.392	13.1	20.2
6 10	18 38.35	-25 31.8	0.990	1.976	9.9	20.1	6 10	18 40.39	-16 36.6	1.400	2.375	9.0	19.9
6 20	18 30.20	-26 18.7	0.961	1.972	4.4	19.8	6 20	18 30.99	-16 38.2	1.351	2.357	4.7	19.6
6 30	18 20.70	-27 1.2	0.954	1.968	2.7	19.7	6 30	18 20.39	-16 46.2	1.327	2.339	3.2	19.5
7 10	18 11.61	-27 35.4	0.969	1.967	8.1	20.0	7 10	18 9.90	-17 0.0	1.328	2.320	7.3	19.7
7 20	18 4.56	-27 59.7	1.005	1.966	13.5	20.3	7 20	18 0.83	-17 18.6	1.354	2.301	11.9	19.9
7 30	18 0.77	-28 15.1	1.060	1.967	18.1	20.5	7 30	17 54.26	-17 41.2	1.401	2.282	16.2	20.1
2054	Gawain		6 26.9 151°15	0°5/26.9	18	A	375267	2008 <i>GJ</i> ₁₄₃		6 26.9 13°77	6°1/25.1	17	
5 21	18 50.28	-25 0.7	2.386	3.216	12.0	17.6	5 21	18 54.15	-30 29.2	1.415	2.269	17.4	20.0
5 31	18 45.16	-25 2.5	2.306	3.221	9.2	17.5	5 31	18 49.99	-32 21.9	1.347	2.270	13.8	19.8
6 10	18 38.16	-25 3.9	2.250	3.225	6.0	17.3	6 10	18 42.36	-34 16.9	1.301	2.272	9.8	19.6
6 20	18 29.82	-25 3.5	2.220	3.229	2.5	17.1	6 20	18 31.91	-36 4.6	1.277	2.274	6.6	19.4
6 30	18 20.93	-25 0.1	2.218	3.233	1.3	17.0	6 30	18 19.97	-37 35.2	1.279	2.277	6.6	19.4
7 10	18 12.35	-24 53.6	2.245	3.237	4.7	17.2	7 10	18 8.28	-38 42.5	1.306	2.280	9.7	19.6
7 20	18 4.87	-24 44.4	2.298	3.240	8.0	17.4	7 20	17 58.52	-39 25.5	1.356	2.283	13.5	19.8
7 30	17 59.13	-24 33.7	2.376	3.243	10.9	17.6	7 30	17 51.99	-39 47.5	1.425	2.287	17.1	20.1
393829	2005 <i>SE</i> ₈₄		6 26.9 300°61	1°5/26.7	18		474153	1998 <i>TD</i>					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
149458	2003 <i>DM</i> ₁₅		6 26.9 124°22	2°5/26.5	18		175271	2005 <i>JY</i> ₁₄₅		6 26.9 110°55	0°3/26.9	17	
5 21	18 55.29	-28 19.4	1.984	2.816	14.0	20.4	5 21	18 54.43	-24 12.5	1.596	2.441	16.2	20.7
5 31	18 49.44	-28 58.2	1.916	2.830	10.8	20.3	5 31	18 49.17	-24 10.8	1.528	2.450	12.5	20.5
6 10	18 41.16	-29 35.5	1.872	2.844	7.2	20.1	6 10	18 41.17	-24 9.3	1.481	2.460	8.2	20.3
6 20	18 31.14	-30 7.6	1.852	2.858	3.7	19.9	6 20	18 31.21	-24 6.2	1.458	2.468	3.4	20.0
6 30	18 20.41	-30 31.2	1.861	2.871	2.9	19.8	6 30	18 20.45	-24 0.0	1.462	2.477	1.6	19.9
7 10	18 10.12	-30 44.9	1.897	2.883	6.0	20.1	7 10	18 10.26	-23 50.4	1.491	2.485	6.3	20.2
7 20	18 1.30	-30 49.2	1.959	2.895	9.5	20.3	7 20	18 1.80	-23 38.6	1.545	2.493	10.7	20.5
7 30	17 54.76	-30 46.2	2.045	2.907	12.6	20.5	7 30	17 55.91	-23 26.3	1.622	2.501	14.5	20.8
6988	1994 <i>WE</i> ₃		6 26.9 75°29	1°9/27.0	18		45242	1999 <i>XT</i> ₂₄₁		6 26.9 265°38	4°2/27.1	18	
5 21	18 51.38	-19 22.4	1.601	2.448	16.1	17.4	5 21	18 51.08	-14 39.6	1.638	2.476	16.2	19.8
5 31	18 46.80	-19 8.2	1.529	2.451	12.5	17.2	5 31	18 46.71	-14 8.6	1.548	2.463	12.9	19.6
6 10	18 39.62	-18 58.1	1.478	2.455	8.3	17.0	6 10	18 39.72	-13 44.5	1.479	2.448	9.1	19.3
6 20	18 30.55	-18 51.9	1.450	2.458	3.9	16.7	6 20	18 30.69	-13 28.6	1.433	2.434	5.4	19.1
6 30	18 20.67	-18 49.0	1.448	2.462	2.4	16.6	6 30	18 20.63	-13 22.0	1.413	2.420	4.4	19.0
7 10	18 11.23	-18 49.1	1.472	2.465	6.5	16.9	7 10	18 10.76	-13 24.8	1.418	2.405	7.6	19.1
7 20	18 3.34	-18 52.0	1.520	2.469	10.8	17.2	7 20	18 2.24	-13 36.4	1.447	2.390	11.7	19.3
7 30	17 57.86	-18 57.7	1.591	2.473	14.6	17.4	7 30	17 56.05	-13 55.8	1.498	2.375	15.6	19.5
270381	2002 <i>AK</i> ₆₁		6 26.9 64°53	6°2/28.4	17		193476	2000 <i>XR</i> ₃₁		6 26.9 266°90	0°9/26.9	18	R
5 21	18 49.62	-6 34.7	1.664	2.484	16.8	20.2	5 21	18 55.01	-27 46.5	2.010	2.842	13.9	20.8
5 31	18 45.15	-6 28.0	1.603	2.498	13.7	20.0	5 31	18 49.45	-27 23.4	1.905	2.820	10.8	20.5
6 10	18 38.38	-6 37.4	1.561	2.512	10.3	19.8	6 10	18 41.36	-26 55.4	1.823	2.798	7.2	20.3
6 20	18 29.99	-7 3.9	1.542	2.526	7.3	19.7	6 20	18 31.34	-26 21.0	1.766	2.775	3.2	20.0
6 30	18 20.95	-7 46.9	1.547	2.541	6.3	19.7	6 30	18 20.36	-25 39.5	1.737	2.752	1.6	19.8
7 10	18 12.34	-8 43.6	1.579	2.555	8.1	19.8	7 10	18 9.59	-24 52.0	1.736	2.728	5.8	20.0
7 20	18 5.12	-9 50.2	1.635	2.570	11.1	20.0	7 20	18 0.15	-24 1.0	1.762	2.704	10.0	20.2
7 30	18 0.05	-11 2.3	1.713	2.584	14.2	20.2	7 30	17 52.95	-23 10.1	1.811	2.680	13.7	20.4
37546	1981 <i>ET</i> ₂₀		6 26.9 69°59	5°8/26.6	18		172953	2005 <i>KG</i> ₅		6 26.9 190°76	0°9/27.0	18	
5 21	18 56.13	-36 26.3	1.668	2.503	16.1	19.1	5 21	18 49.48	-20 41.9	2.117	2.953	13.1	20.8
5 31	18 50.68	-37 7.4	1.610	2.518	12.8	18.9	5 31	18 44.81	-20 40.6	2.036	2.953	10.1	20.6
6 10	18 42.21	-37 39.8	1.572	2.534	9.4	18.7	6 10	18 38.10	-20 42.1	1.977	2.952	6.7	20.4
6 20	18 31.62	-37 57.9	1.558	2.549	6.5	18.6	6 20	18 29.90	-20 45.5	1.943	2.952	2.9	20.2
6 30	18 20.23	-37 57.8	1.569	2.564	6.0	18.6	6 30	18 21.03	-20 49.7	1.936	2.951	1.5	20.1
7 10	18 9.56	-37 39.4	1.605	2.579	8.2	18.8	7 10	18 12.45	-20 54.3	1.957	2.950	5.2	20.3
7 20	18 0.86	-37 5.8	1.666	2.594	11.4	19.0	7 20	18 5.01	-20 59.1	2.005	2.950	8.8	20.6
7 30	17 55.02	-36 22.2	1.748	2.610	14.4	19.2	7 30	17 59.43	-21 4.2	2.076	2.949	12.0	20.8
339330	2004 <i>XH</i> ₁₇₄		6 26.9 219°56	3°5/26.9	18	R	404875	2014 <i>KX</i> ₅₃		6 26.9 26°35	2°3/26.1	18	
5 21	18 54.37	-33 9.1	2.013	2.844	13.9	21.1	5 21	18 50.70	-24 59.5	2.016	2.855	13.6	20.2
5 31	18 48.89	-33 17.8	1.930	2.840	11.0	20.9	5 31	18 46.08	-26 18.7	1.941	2.860	10.4	20.0
6 10	18 40.89	-33 20.1	1.869	2.837	7.6	20.7	6 10	18 39.12	-27 41.9	1.890	2.866	6.9	19.8
6 20	18 31.07	-33 12.7	1.833	2.833	4.5	20.5	6 20	18 30.40	-29 4.1	1.865	2.872	3.4	19.6
6 30	18 20.46	-32 53.6	1.823	2.829	3.7	20.4	6 30	18 20.79	-30 20.3	1.868	2.878	2.8	19.5
7 10	18 10.27	-32 22.8	1.841	2.825	6.4	20.6	7 10	18 11.37	-31 26.4	1.899	2.885	6.0	19.8
7 20	18 1.56	-31 42.7	1.884	2.821	9.8	20.8	7 20	18 3.17	-32 20.7	1.956	2.892	9.5	20.0
7 30	17 55.19	-30 57.0	1.951	2.816	13.0	21.0	7 30	17 57.05	-33 3.2	2.037	2.899	12.6	20.2
46512	1951 <i>QD</i>		6 26.9 229°18	1°9/27.3	18		394706	2008 <i>DG</i> ₃₇		6 26.9 78°83	7°7/28.2	18	
5 21	18 49.59	-16 13.8	2.504	3.323	11.8	19.7	5 21	18 46.73	-0 38.7	2.263	3.045	14.1	20.7
5 31	18 44.66	-16 19.7	2.406	3.312	9.3	19.5	5 31	18 42.36	+0 4.9	2.199	3.057	11.9	20.6
6 10	18 37.91	-16 31.2	2.331	3.299	6.3	19.3	6 10	18 36.30	+0 34.2	2.155	3.070	9.8	20.4
6 20	18 29.80	-16 47.7	2.282	3.287	3.2	19.1	6 20	18 29.09	+0 46.6	2.134	3.082	8.2	20.4
6 30	18 21.01	-17 8.4	2.262	3.274	2.2	19.0	6 30	18 21.42	+0 40.9	2.138	3.094	7.7	20.4
7 10	18 12.33	-17 32.2	2.271	3.260	4.9	19.2	7 10	18 14.06	+0 17.5	2.168	3.106	8.6	20.4
7 20	18 4.53	-17 58.1	2.307	3.246	8.1	19.3	7 20	18 7.69	+0 21.2	2.222	3.119	10.4	20.6
7 30	17 58.27	-18 25.4	2.368	3.231	11.1	19.5	7 30	18 2.88	-1 12.2	2.299	3.131	12.5	20.7
314378	2005 <i>UA</i> ₇₇		6 26.9 277°17	3°1/27.6	18		393051	2013 <i>AL</i> ₄₆		6 26.9 327°90	5°1/26.5	18	
5 21	18 47.59	-12 30.4	2.352	3.170	12.5	20.8	5 21	18 51.93	-36 6.4	1.984	2.816	14.0	20.1
5 31	18 43.28	-12 37.9	2.249	3.152	10.0	20.6	5 31	18 47.26	-36 42.8	1.904	2.811	11.2	19.9
6 10	18 37.11	-12 54.1	2.170	3.133	7.1	20.4	6 10	18 39.98	-37 12.4	1.846	2.807	8.3	19.7
6 20	18 29.50	-13 19.1	2.115	3.114	4.2	20.2	6 20	18 30.76	-37 30.7	1.811	2.802	5.7	19.6
6 30	18 21.14	-13 52.3	2.089	3.095	3.3	20.1	6 30	18 20.65	-37 34.2	1.803	2.798	5.3	19.6
7 10	18 12.83	-14 32.1	2.090	3.076	5.6	20.2	7 10	18 10.90	-37 21.8	1.821	2.794	7.5	19.7
7 20	18 5.37	-15 16.8	2.117	3.056	8.8	20.4	7 20	18 2.65	-36 55.4	1.863	2.790	10.5	19.8
7 30	17 59.48	-16 4.5	2.170	3.037	11.8	20.5	7 30	17 56.78	-36 18.7	1.928	2.787	13.4	20.0
499350	2009 <i>WL</i> ₂₅₄		6 26.9 161°16	1°5/27.0	17		475679	2006 <i>VH</i> ₅₉		6 26.9 206°19	1°0/26.8	18	
5 21	18 52.13	-18 47.5	2.542	3.359	11.7	22.8	5 21	18 49.77	-25 13.5	2.570	3.398	11.3	22.3
5 31	18 46.37	-18 35.4	2.461	3.367	9.1	22.6	5 31	18 44.81	-25 36.8	2.481	3.394	8.7	22.1
6 10	18 38.86	-18 26.0	2.405	3.375	6.0	22.4	6 10	18 38.01	-26 0.7	2.416	3.390	5.7	21.9
6 20	18 30.13	-18 18.9	2.375	3.381	2.9	22.2	6 20	18 29.86	-26 23.1	2.377	3.386	2.5	21.7
6 30	18 20.91	-18 13.9	2.374	3.387	1.8	22.2	6 30	18 21.08	-26 42.2	2.367	3.381	1.5	21.6
7 10	18 11.98	-18 10.8	2.403	3.392	4.7	22.4	7 10	18 12.48	-26 56.8	2.385	3.376	4.6	21.8
7 20	18 4.07	-18 9.7	2.459	3.396	7.8	22.6	7 20	18 4.83	-27 6.7	2.431	3.370	7.8	22.0
7 30	17 57.77	-18 10.6	2.541	3.400	10.6	22.8	7 30	17 58.80	-27 12.6	2.502	3.365	10.6	22.2
102864	1999 <i>WA</i> ₄		6 26.9 305°58	2°5/26.7	18		9624	1993 <i>FH</i> ₃₈ </					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
387921	2005 <i>AU</i> ₅₁		6 26.9 231°91	4°2/27.7	18		306947	2001 <i>UP</i> ₁₃₉		6 26.9 233°91	2°4/26.7	17	
5 21	18 50.11	-9 25.5	2.479	3.281	12.4	22.0	5 21	18 53.23	-27 57.0	1.805	2.646	14.8	21.1
5 31	18 45.07	-9 20.1	2.378	3.266	10.1	21.8	5 31	18 48.34	-28 26.5	1.722	2.641	11.5	20.9
6 10	18 38.21	-9 24.0	2.299	3.251	7.4	21.6	6 10	18 40.78	-28 55.3	1.660	2.635	7.7	20.7
6 20	18 29.98	-9 37.9	2.247	3.235	5.0	21.4	6 20	18 31.18	-29 19.7	1.623	2.630	3.9	20.4
6 30	18 21.03	-10 1.8	2.222	3.219	4.3	21.4	6 30	18 20.58	-29 36.3	1.612	2.624	2.8	20.3
7 10	18 12.17	-10 34.8	2.225	3.201	6.1	21.4	7 10	18 10.27	-29 43.5	1.628	2.618	6.5	20.5
7 20	18 4.14	-11 15.3	2.256	3.183	8.9	21.6	7 20	18 1.43	-29 41.8	1.669	2.611	10.5	20.8
7 30	17 57.63	-12 1.2	2.311	3.165	11.7	21.7	7 30	17 55.01	-29 33.3	1.733	2.605	14.0	21.0
340447	2006 <i>GX</i> ₃₄		6 26.9 120°33	4°5/27.4	17		387160	2012 <i>TX</i> ₂₄₂		6 26.9 184°03	3°1/27.3	17	
5 21	18 49.90	-11 35.8	2.024	2.844	14.2	21.5	5 21	18 49.39	-14 13.3	2.156	2.980	13.3	22.0
5 31	18 45.04	-11 7.7	1.952	2.853	11.3	21.3	5 31	18 44.67	-14 1.6	2.074	2.981	10.5	21.8
6 10	18 38.19	-10 48.0	1.903	2.862	8.2	21.2	6 10	18 37.99	-13 56.6	2.015	2.980	7.3	21.6
6 20	18 29.93	-10 38.0	1.878	2.870	5.3	21.0	6 20	18 29.90	-13 58.8	1.980	2.980	4.2	21.4
6 30	18 21.11	-10 38.2	1.879	2.879	4.6	21.0	6 30	18 21.17	-14 7.9	1.973	2.979	3.3	21.4
7 10	18 12.63	-10 48.2	1.907	2.887	6.7	21.1	7 10	18 12.70	-14 23.3	1.993	2.979	5.8	21.5
7 20	18 5.33	-11 6.8	1.962	2.894	9.7	21.3	7 20	18 5.29	-14 44.0	2.039	2.977	9.1	21.7
7 30	17 59.88	-11 32.5	2.039	2.902	12.6	21.5	7 30	17 59.64	-15 8.7	2.109	2.976	12.1	21.9
38100	1999 <i>JM</i> ₁₄		6 26.9 323°20	5°6/27.3	18		412419	2014 <i>DZ</i> ₉₄		6 26.9 164°27	6°6/27.6	18	
5 21	18 46.79	-13 12.8	1.202	2.066	19.3	18.9	5 21	18 48.12	-3 53.4	2.364	3.154	13.3	21.4
5 31	18 44.24	-12 40.3	1.123	2.050	15.5	18.6	5 31	18 43.44	-3 10.9	2.287	3.157	11.1	21.3
6 10	18 38.55	-12 19.1	1.061	2.035	11.2	18.3	6 10	18 37.06	-2 39.8	2.232	3.160	8.9	21.1
6 20	18 30.36	-12 11.7	1.020	2.021	7.0	18.0	6 20	18 29.48	-2 22.4	2.201	3.163	7.1	21.0
6 30	18 20.85	-12 19.8	1.001	2.007	5.8	17.9	6 30	18 21.38	-2 20.3	2.196	3.165	6.7	21.0
7 10	18 11.55	-12 42.8	1.004	1.994	9.3	18.0	7 10	18 13.52	-2 33.2	2.217	3.167	7.8	21.1
7 20	18 3.93	-13 18.6	1.028	1.982	14.0	18.2	7 20	18 6.60	-2 59.7	2.264	3.169	9.9	21.2
7 30	17 59.20	-14 3.8	1.071	1.971	18.6	18.5	7 30	18 1.21	-3 37.4	2.334	3.170	12.1	21.4
27244	Parthasarathy		6 26.9 157°09	1°0/27.0	18		213084	1999 <i>TN</i> ₁₆₉		6 26.9 343°24	7°2/26.6	17	
5 21	18 53.79	-20 40.1	1.822	2.658	14.9	19.9	5 21	18 36.98	-15 20.0	0.873	1.775	21.3	19.2
5 31	18 48.39	-20 36.2	1.747	2.664	11.5	19.6	5 31	18 37.45	-14 2.9	0.802	1.752	17.2	18.8
6 10	18 40.56	-20 35.3	1.693	2.669	7.6	19.4	6 10	18 34.52	-12 50.8	0.746	1.731	12.6	18.5
6 20	18 30.98	-20 36.4	1.664	2.673	3.3	19.2	6 20	18 28.80	-11 49.8	0.709	1.712	8.3	18.2
6 30	18 20.64	-20 38.3	1.662	2.677	1.7	19.1	6 30	18 21.61	-11 6.2	0.689	1.696	7.5	18.1
7 10	18 10.70	-20 40.4	1.688	2.681	5.9	19.3	7 10	18 14.71	-10 44.0	0.688	1.682	11.3	18.2
7 20	18 2.20	-20 42.8	1.739	2.684	9.9	19.6	7 20	18 9.79	-10 44.2	0.704	1.672	16.5	18.4
7 30	17 55.95	-20 46.0	1.813	2.686	13.5	19.8	7 30	18 8.19	-11 4.2	0.736	1.664	21.4	18.7
94825	2001 <i>XF</i> ₁₈₅		6 26.9 126°29	0°7/26.9	17		509820	2008 <i>WD</i> ₄₇		6 26.9 217°65	1°2/27.0	18	
5 21	18 52.18	-22 9.8	1.810	2.651	14.8	20.1	5 21	18 50.90	-20 11.7	2.191	3.021	12.9	22.5
5 31	18 47.17	-21 58.9	1.736	2.655	11.4	19.9	5 31	18 45.89	-20 0.1	2.102	3.015	10.0	22.3
6 10	18 39.77	-21 49.4	1.683	2.660	7.5	19.7	6 10	18 38.83	-19 50.8	2.035	3.009	6.7	22.0
6 20	18 30.64	-21 40.4	1.655	2.664	3.2	19.4	6 20	18 30.27	-19 43.3	1.995	3.002	3.0	21.8
6 30	18 20.80	-21 31.1	1.653	2.668	1.5	19.3	6 30	18 21.02	-19 37.2	1.982	2.996	1.7	21.7
7 10	18 11.38	-21 21.5	1.679	2.673	5.8	19.6	7 10	18 12.00	-19 32.4	1.996	2.988	5.2	21.9
7 20	18 3.40	-21 12.3	1.730	2.677	9.8	19.9	7 20	18 4.09	-19 29.0	2.038	2.981	8.8	22.1
7 30	17 57.65	-21 4.3	1.804	2.680	13.4	20.1	7 30	17 58.01	-19 27.4	2.104	2.973	12.0	22.3
370323	2002 <i>RW</i> ₁₄₃		6 26.9 251°77	1°0/26.9	18		263648	2008 <i>GN</i> ₈₆		6 26.9 298°51	2°9/26.6	18	
5 21	18 53.83	-25 24.7	1.798	2.638	14.9	21.9	5 21	18 51.95	-28 14.2	1.501	2.356	16.6	20.7
5 31	18 48.84	-25 34.8	1.704	2.623	11.6	21.7	5 31	18 47.99	-28 45.5	1.417	2.343	13.0	20.5
6 10	18 41.15	-25 45.0	1.631	2.608	7.7	21.4	6 10	18 40.91	-29 16.4	1.352	2.330	8.8	20.2
6 20	18 31.35	-25 52.9	1.583	2.592	3.4	21.1	6 20	18 31.36	-29 42.5	1.310	2.317	4.5	19.9
6 30	18 20.44	-25 56.1	1.561	2.576	1.8	20.9	6 30	18 20.51	-29 59.5	1.292	2.304	3.4	19.8
7 10	18 9.72	-25 53.6	1.566	2.559	6.3	21.2	7 10	18 9.91	-30 5.3	1.300	2.291	7.5	20.0
7 20	18 0.39	-25 45.8	1.596	2.541	10.6	21.4	7 20	18 0.99	-30 0.4	1.331	2.279	12.1	20.2
7 30	17 53.45	-25 34.8	1.649	2.524	14.5	21.6	7 30	17 54.92	-29 47.6	1.383	2.267	16.2	20.5
133451	2003 <i>SV</i> ₂₂₃		6 26.9 234°33	1°2/26.8	17		311235	2005 <i>CO</i> ₁₇		6 26.9 124°50	0°4/26.9	17	
5 21	18 51.12	-25 22.3	2.023	2.861	13.6	20.8	5 21	18 55.92	-24 8.8	1.660	2.500	15.9	21.7
5 31	18 46.35	-25 42.6	1.938	2.856	10.5	20.6	5 31	18 50.23	-24 11.6	1.593	2.513	12.3	21.4
6 10	18 39.27	-26 3.7	1.875	2.851	6.9	20.4	6 10	18 41.85	-24 15.0	1.547	2.524	8.0	21.2
6 20	18 30.48	-26 22.9	1.837	2.846	3.0	20.1	6 20	18 31.56	-24 16.7	1.526	2.536	3.4	21.0
6 30	18 20.86	-26 38.0	1.827	2.841	1.8	20.0	6 30	18 20.52	-24 15.0	1.531	2.547	1.5	20.9
7 10	18 11.49	-26 47.6	1.844	2.836	5.6	20.2	7 10	18 10.04	-24 9.5	1.563	2.557	6.2	21.2
7 20	18 3.38	-26 51.9	1.887	2.831	9.4	20.5	7 20	18 1.26	-24 1.1	1.621	2.567	10.4	21.5
7 30	17 57.32	-26 51.9	1.953	2.825	12.7	20.7	7 30	17 55.01	-23 51.5	1.700	2.576	14.1	21.7
243358	2008 <i>VF</i> ₂₀		6 26.9 67°89	1°6/27.1	17		439614	2014 <i>EA</i> ₃₉		6 26.9 205°67	2°0/27.3	18	
5 21	18 53.61	-19 28.7	1.241	2.101	19.0	20.7	5 21	18 50.28	-15 43.5	2.604	3.419	11.5	22.1
5 31	18 49.10	-19 30.1	1.184	2.113	14.7	20.5	5 31	18 45.10	-15 49.3	2.510	3.413	9.0	21.9
6 10	18 41.40	-19 38.1	1.146	2.126	9.7	20.3	6 10	18 38.18	-16 0.7	2.440	3.407	6.2	21.7
6 20	18 31.41	-19 51.2	1.129	2.139	4.3	20.0	6 20	18 29.99	-16 17.1	2.396	3.399	3.2	21.5
6 30	18 20.50	-20 7.2	1.137	2.152	2.3	19.9	6 30	18 21.18	-16 37.8	2.381	3.392	2.2	21.4
7 10	18 10.30	-20 24.3	1.169	2.165	7.3	20.3	7 10	18 12.51	-17 1.7	2.395	3.383	4.8	21.6
7 20	18 2.13	-20 41.8	1.224	2.178	12.3	20.6	7 20	18 4.70	-17 27.8	2.436	3.374	7.8	21.7
7 30	17 56.97	-20 59.4	1.299	2.191	16.5	20.9	7 30	17 58.39	-17 55.3	2.503	3.364	10.6	21.9
81961	2000 <i>QG</i> ₂₉		6 26.9 331°00	0°1/26.9	18		91363	1999 <i>JM</i> <					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
467953	2012 <i>FT</i> ₄₀		6 26.9	1°46'	1.4°/27.1	17	127937	2003 <i>HZ</i> ₁		6 26.9	333°17'	4°3'/27.0	18
5 21	18 44.74	-19 12.4	1.080	1.962	19.6	19.9	5 21	18 46.88	-13 23.5	2.015	2.846	13.9	19.6
5 31	18 42.87	-19 24.8	1.017	1.959	15.3	19.6	5 31	18 42.90	-12 41.9	1.932	2.840	11.0	19.4
6 10	18 37.71	-19 46.3	0.972	1.958	10.1	19.4	6 10	18 36.93	-12 6.5	1.870	2.834	7.9	19.2
6 20	18 30.03	-20 15.4	0.947	1.958	4.5	19.0	6 20	18 29.52	-11 38.9	1.833	2.829	5.1	19.0
6 30	18 21.15	-20 49.2	0.944	1.959	2.2	18.9	6 30	18 21.44	-11 20.4	1.822	2.823	4.4	18.9
7 10	18 12.77	-21 24.5	0.963	1.963	7.7	19.2	7 10	18 13.62	-11 11.6	1.837	2.818	6.7	19.1
7 20	18 6.37	-21 58.8	1.003	1.967	13.1	19.5	7 20	18 6.88	-11 12.2	1.878	2.814	9.9	19.3
7 30	18 3.04	-22 30.9	1.062	1.973	17.7	19.8	7 30	18 1.94	-11 21.5	1.941	2.810	12.9	19.4
497186	2004 <i>TF</i> ₇₁		6 26.9	315°54'	2°5'/26.8	17	11069	Bellqvist		6 26.9	304°74'	3°5'/27.6	18
5 21	18 49.51	-27 36.3	1.139	2.015	19.3	21.4	5 21	18 47.12	-12 31.6	2.112	2.938	13.5	17.7
5 31	18 47.03	-27 49.6	1.055	1.994	15.2	21.1	5 31	18 43.06	-12 30.0	2.025	2.931	10.7	17.5
6 10	18 40.83	-28 1.6	0.989	1.973	10.3	20.7	6 10	18 37.05	-12 37.4	1.960	2.924	7.6	17.3
6 20	18 31.51	-28 8.2	0.942	1.952	4.9	20.3	6 20	18 29.58	-12 54.0	1.919	2.917	4.6	17.1
6 30	18 20.44	-28 5.2	0.918	1.932	3.2	20.2	6 30	18 21.40	-13 19.4	1.905	2.910	3.6	17.1
7 10	18 9.56	-27 51.2	0.916	1.913	8.6	20.4	7 10	18 13.41	-13 52.2	1.918	2.904	6.0	17.2
7 20	18 0.72	-27 27.7	0.935	1.895	14.4	20.7	7 20	18 6.42	-14 30.7	1.957	2.897	9.3	17.4
7 30	17 55.41	-26 58.8	0.972	1.878	19.5	20.9	7 30	18 1.16	-15 13.0	2.019	2.891	12.3	17.6
441354	2008 <i>DL</i> ₁₇		6 26.9	98°26'	4°3'/27.7	16	364661	2007 <i>TY</i> ₂₃₉		6 26.9	321°55'	6°3'/25.8	17
5 21	18 47.49	-9 48.0	2.307	3.120	12.9	21.6	5 21	18 49.66	-31 19.7	1.140	2.014	19.4	20.7
5 31	18 43.00	-9 33.6	2.234	3.129	10.4	21.5	5 31	18 47.42	-32 32.2	1.061	1.996	15.5	20.4
6 10	18 36.80	-9 28.5	2.183	3.137	7.6	21.3	6 10	18 41.27	-33 45.7	0.999	1.977	11.1	20.1
6 20	18 29.39	-9 33.5	2.157	3.146	5.1	21.2	6 20	18 31.78	-34 51.8	0.958	1.960	7.2	19.8
6 30	18 21.47	-9 48.5	2.157	3.154	4.4	21.2	6 30	18 20.34	-35 41.4	0.939	1.943	6.8	19.7
7 10	18 13.84	-10 12.8	2.185	3.162	6.1	21.3	7 10	18 9.03	-36 8.5	0.942	1.928	10.6	19.9
7 20	18 7.18	-10 44.6	2.240	3.170	8.8	21.5	7 20	17 59.87	-36 13.0	0.965	1.913	15.5	20.1
7 30	18 2.10	-11 22.2	2.318	3.179	11.4	21.6	7 30	17 54.48	-35 59.1	1.005	1.899	20.0	20.3
60713	2000 <i>GK</i> ₆₁		6 26.9	293°11'	1°8'/27.1	18	94000	2000 <i>XK</i> ₂₁		6 26.9	22°42'	9°8'/25.9	18
5 21	18 51.09	-19 49.1	1.301	2.162	18.3	19.7	5 21	18 57.63	-44 29.2	1.657	2.476	16.9	18.7
5 31	18 47.59	-19 39.2	1.214	2.144	14.4	19.4	5 31	18 52.70	-45 47.9	1.593	2.478	14.3	18.5
6 10	18 40.82	-19 34.4	1.146	2.126	9.7	19.1	6 10	18 44.11	-46 53.6	1.548	2.480	11.8	18.3
6 20	18 31.39	-19 34.2	1.099	2.108	4.5	18.7	6 20	18 32.71	-47 37.6	1.526	2.483	10.1	18.2
6 30	18 20.52	-19 37.7	1.076	2.090	2.5	18.5	6 30	18 20.03	-47 53.4	1.526	2.485	9.9	18.2
7 10	18 9.79	-19 43.8	1.077	2.073	7.8	18.8	7 10	18 7.94	-47 39.4	1.550	2.488	11.4	18.3
7 20	18 0.77	-19 52.2	1.100	2.055	13.2	19.0	7 20	17 58.11	-46 59.4	1.596	2.492	13.8	18.5
7 30	17 54.72	-20 3.2	1.143	2.038	18.0	19.3	7 30	17 51.71	-46 0.5	1.662	2.495	16.4	18.7
275632	2000 <i>EG</i> ₂₀		6 26.9	17°07'	24°6'/9.7	17	125586	2001 <i>XF</i> ₂₉		6 26.9	264°70'	5°1'/28.1	18
5 21	18 46.29	+22 10.5	1.007	1.748	30.1	19.4	5 21	18 50.87	-8 0.3	1.938	2.749	15.1	19.3
5 31	18 44.01	+23 57.0	0.968	1.751	28.7	19.3	5 31	18 46.28	-8 6.4	1.837	2.730	12.3	19.0
6 10	18 38.39	+24 55.1	0.938	1.755	27.2	19.2	6 10	18 39.38	-8 26.7	1.757	2.710	9.2	18.8
6 20	18 30.28	+24 53.5	0.918	1.760	25.9	19.1	6 20	18 30.66	-9 2.3	1.700	2.690	6.2	18.6
6 30	18 21.08	+23 44.8	0.909	1.766	24.9	19.1	6 30	18 20.90	-9 52.8	1.670	2.669	5.2	18.5
7 10	18 12.47	+21 30.4	0.913	1.773	24.6	19.1	7 10	18 11.15	-10 56.0	1.668	2.648	7.4	18.6
7 20	18 5.91	+18 19.9	0.931	1.781	25.0	19.1	7 20	18 2.42	-12 8.6	1.691	2.626	10.8	18.7
7 30	18 2.46	+14 29.3	0.963	1.790	26.0	19.3	7 30	17 55.62	-13 26.7	1.737	2.604	14.3	18.9
150580	2000 <i>UY</i> ₃₉		6 26.9	234°89'	1°8'/26.7	18	255075	2005 <i>UN</i> ₁₈		6 26.9	307°47'	1°3'/26.7	18
5 21	18 50.18	-28 16.6	2.654	3.480	11.1	21.0	5 21	18 48.48	-25 21.5	2.035	2.877	13.3	20.3
5 31	18 45.19	-28 40.4	2.558	3.469	8.6	20.8	5 31	18 44.46	-25 47.8	1.940	2.861	10.3	20.1
6 10	18 38.33	-29 3.0	2.486	3.458	5.8	20.6	6 10	18 38.17	-26 15.6	1.868	2.846	6.8	19.8
6 20	18 30.09	-29 22.2	2.441	3.447	2.9	20.4	6 20	18 30.12	-26 42.2	1.821	2.830	3.1	19.6
6 30	18 21.16	-29 35.8	2.424	3.435	2.2	20.4	6 30	18 21.16	-27 5.2	1.801	2.815	1.9	19.5
7 10	18 12.37	-29 43.0	2.435	3.423	4.8	20.5	7 10	18 12.33	-27 22.8	1.808	2.800	5.6	19.7
7 20	18 4.52	-29 43.7	2.474	3.410	7.8	20.7	7 20	18 4.64	-27 34.6	1.840	2.785	9.4	19.9
7 30	17 58.28	-29 39.2	2.538	3.397	10.6	20.8	7 30	17 58.93	-27 41.2	1.895	2.771	12.9	20.1
43610	2001 <i>XT</i> ₁₈₆		6 26.9	15°94'	0°7'/27.0	17	53773	2000 <i>EA</i> ₉₂		6 26.9	60°14'	3°5'/26.9	18
5 21	18 47.61	-21 22.2	1.776	2.625	14.6	18.9	5 21	18 54.76	-31 9.2	1.490	2.340	16.9	18.5
5 31	18 43.75	-21 19.6	1.704	2.629	11.3	18.7	5 31	18 49.83	-31 26.6	1.428	2.350	13.2	18.3
6 10	18 37.60	-21 19.8	1.655	2.633	7.4	18.4	6 10	18 41.83	-31 38.6	1.385	2.359	9.0	18.1
6 20	18 29.80	-21 21.9	1.629	2.638	3.2	18.2	6 20	18 31.62	-31 41.1	1.365	2.369	4.9	17.9
6 30	18 21.31	-21 24.7	1.629	2.644	1.5	18.1	6 30	18 20.56	-31 31.2	1.370	2.380	3.9	17.8
7 10	18 13.21	-21 27.8	1.655	2.650	5.7	18.4	7 10	18 10.19	-31 9.0	1.401	2.390	7.3	18.1
7 20	18 6.45	-21 31.0	1.706	2.657	9.7	18.6	7 20	18 1.79	-30 37.2	1.455	2.401	11.4	18.3
7 30	18 1.81	-21 34.5	1.780	2.664	13.1	18.8	7 30	17 56.28	-30 0.0	1.531	2.411	15.1	18.6
440267	2004 <i>RQ</i> ₁₁₂		6 26.9	292°77'	0°8'/26.9	17	210888	2001 <i>SA</i> ₉₄		6 26.9	307°44'	0°9'/27.0	18
5 21	18 51.23	-27 16.7	2.300	3.131	12.4	21.1	5 21	18 48.98	-21 6.0	1.978	2.819	13.7	20.3
5 31	18 46.30	-26 56.6	2.189	3.104	9.6	20.9	5 31	18 44.67	-20 59.9	1.894	2.813	10.6	20.1
6 10	18 39.22	-26 32.7	2.102	3.077	6.4	20.6	6 10	18 38.17	-20 56.3	1.831	2.808	7.0	19.9
6 20	18 30.51	-26 3.8	2.041	3.050	2.8	20.4	6 20	18 30.06	-20 54.3	1.793	2.803	3.1	19.6
6 30	18 20.98	-25 29.4	2.008	3.022	1.4	20.2	6 30	18 21.21	-20 53.1	1.783	2.798	1.5	19.5
7 10	18 11.59	-24 50.2	2.002	2.995	5.2	20.4	7 10	18 12.63	-20 52.5	1.799	2.793	5.5	19.7
7 20	18 3.26	-24 8.0	2.024	2.967	8.9	20.6	7 20	18 5.25	-20 52.3	1.840	2.788	9.3	20.0
7 30	17 56.80	-23 25.3	2.071	2.940	12.2	20.8	7 30	17 59.83	-20 53.0	1.905	2.783	12.7	20.2
262340	2006 <i>TX</i> ₄₉		6 26.9	194°70'	0°2'/26.9	17	33757	1999 <i>RB</i>					

EPHEMERIDES

6 26.9

6 26.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
238554	2004 <i>XK</i> ₁₃		6 26.9 259°44	0°1/26.9	18		50176	2000 <i>AH</i> ₁₆₃		6 26.9 72°62	2°6/27.5	18	R
5 21	18 51.30	-22 10.9	2.007	2.844	13.7	20.5	5 21	18 50.86	-14 39.0	1.842	2.673	14.9	18.2
5 31	18 46.62	-22 30.8	1.911	2.828	10.6	20.2	5 31	18 45.98	-14 55.7	1.781	2.692	11.6	18.0
6 10	18 39.59	-22 54.2	1.836	2.813	7.0	20.0	6 10	18 38.93	-15 21.5	1.741	2.711	7.9	17.8
6 20	18 30.74	-23 19.0	1.787	2.797	3.0	19.7	6 20	18 30.35	-15 55.1	1.726	2.730	4.1	17.6
6 30	18 20.91	-23 43.1	1.765	2.780	1.3	19.5	6 30	18 21.17	-16 34.6	1.738	2.749	2.8	17.6
7 10	18 11.19	-24 4.6	1.770	2.764	5.6	19.8	7 10	18 12.44	-17 17.6	1.777	2.768	5.9	17.8
7 20	18 2.61	-24 22.8	1.802	2.747	9.6	20.0	7 20	18 5.03	-18 1.9	1.842	2.787	9.5	18.1
7 30	17 56.07	-24 38.0	1.857	2.730	13.2	20.2	7 30	17 59.68	-18 45.9	1.930	2.806	12.7	18.3
512701	2016 <i>UO</i> ₈		6 26.9 253°48	1°7/26.9	18		358381	2006 <i>XJ</i> ₇₃		6 26.9 160°87	0°4/27.0	18	
5 21	18 51.80	-29 15.7	2.207	3.040	12.8	21.6	5 21	18 48.78	-21 20.2	2.641	3.467	11.1	22.0
5 31	18 46.68	-29 9.7	2.120	3.034	9.9	21.4	5 31	18 43.93	-21 29.9	2.558	3.470	8.5	21.8
6 10	18 39.40	-28 59.8	2.054	3.028	6.6	21.2	6 10	18 37.40	-21 41.8	2.500	3.474	5.6	21.6
6 20	18 30.56	-28 44.1	2.015	3.021	3.2	20.9	6 20	18 29.69	-21 54.7	2.468	3.477	2.4	21.4
6 30	18 21.03	-28 21.5	2.003	3.015	2.1	20.8	6 30	18 21.46	-22 7.5	2.465	3.480	1.1	21.3
7 10	18 11.83	-27 52.3	2.018	3.009	5.3	21.1	7 10	18 13.45	-22 19.4	2.490	3.483	4.3	21.6
7 20	18 3.87	-27 18.3	2.061	3.003	8.8	21.3	7 20	18 6.36	-22 30.1	2.543	3.485	7.3	21.8
7 30	17 57.88	-26 42.0	2.127	2.996	11.9	21.4	7 30	18 0.76	-22 39.7	2.621	3.487	10.1	22.0
15906	Yoshikameda		6 26.9 266°37	1°5/27.1	18		450090	2015 <i>RE</i> ₉₁		6 26.9 301°40	4°3/26.9	18	
5 21	18 52.65	-20 0.2	1.485	2.335	17.0	18.7	5 21	18 47.14	-12 57.0	2.168	2.993	13.2	21.0
5 31	18 48.35	-19 53.9	1.398	2.322	13.3	18.4	5 31	18 43.04	-12 12.8	2.074	2.979	10.6	20.8
6 10	18 41.07	-19 52.1	1.331	2.309	8.9	18.1	6 10	18 37.03	-11 34.1	2.003	2.964	7.7	20.6
6 20	18 31.44	-19 54.0	1.287	2.296	4.0	17.8	6 20	18 29.60	-11 2.6	1.956	2.950	5.1	20.4
6 30	18 20.60	-19 58.5	1.268	2.282	2.2	17.7	6 30	18 21.48	-10 39.8	1.936	2.936	4.5	20.4
7 10	18 9.96	-20 4.5	1.274	2.269	7.1	17.9	7 10	18 13.53	-10 26.6	1.943	2.922	6.6	20.5
7 20	18 0.90	-20 11.8	1.304	2.255	12.0	18.2	7 20	18 6.56	-10 23.0	1.975	2.908	9.7	20.6
7 30	17 54.53	-20 20.7	1.355	2.241	16.3	18.4	7 30	18 1.26	-10 28.4	2.031	2.894	12.6	20.8
142165	2002 <i>RF</i> ₃₃		6 26.9 310°60	3°9/26.9	18		320522	2007 <i>YH</i> ₃₇		6 26.9 175°05	0°7/26.9	17	
5 21	18 52.82	-31 30.6	1.399	2.256	17.5	19.8	5 21	18 55.24	-24 0.7	1.891	2.725	14.5	21.8
5 31	18 48.92	-31 47.3	1.317	2.243	13.8	19.5	5 31	18 49.62	-24 20.9	1.812	2.728	11.2	21.6
6 10	18 41.65	-31 58.6	1.255	2.231	9.6	19.3	6 10	18 41.50	-24 42.7	1.754	2.730	7.4	21.3
6 20	18 31.73	-31 59.8	1.214	2.219	5.4	19.0	6 20	18 31.51	-25 3.5	1.722	2.731	3.1	21.1
6 30	18 20.49	-31 47.1	1.198	2.207	4.3	18.9	6 30	18 20.67	-25 20.7	1.717	2.732	1.6	21.0
7 10	18 9.65	-31 19.8	1.205	2.196	8.1	19.1	7 10	18 10.16	-25 32.8	1.740	2.732	5.8	21.2
7 20	18 0.74	-30 40.7	1.236	2.185	12.7	19.3	7 20	18 1.07	-25 40.0	1.789	2.732	9.8	21.5
7 30	17 54.96	-29 54.8	1.286	2.174	16.9	19.5	7 30	17 54.26	-25 43.3	1.861	2.731	13.3	21.7
191730	2004 <i>RL</i> ₃₀₉		6 26.9 282°66	8°1/26.7	18		198554	2004 <i>XV</i> ₁₃₆		6 26.9 134°46	1°7/26.8	18	
5 21	18 58.00	-42 48.3	1.781	2.598	16.0	20.3	5 21	18 53.61	-27 48.5	2.316	3.142	12.4	21.3
5 31	18 52.68	-43 31.0	1.697	2.586	13.4	20.1	5 31	18 47.85	-28 5.4	2.244	3.155	9.6	21.1
6 10	18 43.97	-44 1.4	1.634	2.574	10.7	19.9	6 10	18 40.04	-28 20.6	2.195	3.167	6.4	20.9
6 20	18 32.65	-44 12.6	1.592	2.562	8.6	19.7	6 20	18 30.81	-28 31.5	2.172	3.179	3.0	20.7
6 30	18 20.10	-43 59.1	1.576	2.550	8.2	19.7	6 30	18 21.00	-28 36.3	2.178	3.190	2.1	20.7
7 10	18 8.04	-43 20.1	1.583	2.539	10.0	19.8	7 10	18 11.59	-28 34.5	2.212	3.201	5.1	20.9
7 20	17 57.99	-42 19.2	1.615	2.527	12.7	19.9	7 20	18 3.40	-28 26.9	2.274	3.211	8.3	21.1
7 30	17 51.07	-41 3.3	1.667	2.515	15.7	20.1	7 30	17 57.13	-28 15.0	2.359	3.221	11.2	21.3
5222	loffé		6 26.9 71°92	15°4/26.3	18		385234	2000 <i>SK</i> ₂₁₃		6 26.9 243°48	0°5/27.1	18	
5 21	18 51.38	+14 59.1	1.966	2.663	18.5	16.0	5 21	18 52.66	-20 34.2	2.416	3.237	12.1	22.2
5 31	18 46.26	+17 28.7	1.923	2.677	17.2	16.0	5 31	18 47.30	-20 50.6	2.308	3.217	9.4	22.0
6 10	18 39.06	+19 33.9	1.899	2.692	16.1	15.9	6 10	18 39.87	-21 10.6	2.223	3.196	6.3	21.7
6 20	18 30.39	+21 7.4	1.895	2.707	15.5	15.9	6 20	18 30.84	-21 32.8	2.165	3.174	2.7	21.5
6 30	18 21.14	+22 4.6	1.910	2.722	15.4	15.9	6 30	18 20.94	-21 55.5	2.136	3.151	1.2	21.3
7 10	18 12.26	+22 24.5	1.945	2.737	15.9	16.0	7 10	18 11.05	-22 17.3	2.136	3.128	5.0	21.5
7 20	18 4.63	+22 9.9	1.997	2.752	16.7	16.1	7 20	18 2.07	-22 37.4	2.163	3.103	8.5	21.7
7 30	17 58.93	+21 26.3	2.065	2.767	17.7	16.2	7 30	17 54.79	-22 55.7	2.216	3.078	11.8	21.9
360386	2002 <i>CG</i> ₃₀₄		6 26.9 76°62	4°3/27.7	17		411799	2012 <i>CD</i> ₅₇		6 26.9 159°76	1°9/27.1	17	
5 21	18 46.97	-10 9.7	2.278	3.094	13.0	21.1	5 21	18 54.69	-19 22.5	1.738	2.574	15.5	22.0
5 31	18 42.69	-9 55.5	2.201	3.098	10.4	20.9	5 31	18 49.21	-19 5.4	1.664	2.579	12.1	21.8
6 10	18 36.66	-9 50.4	2.146	3.102	7.6	20.8	6 10	18 41.20	-18 51.8	1.610	2.584	8.0	21.6
6 20	18 29.39	-9 55.2	2.115	3.105	5.1	20.6	6 20	18 31.37	-18 41.3	1.581	2.588	3.8	21.3
6 30	18 21.57	-10 10.1	2.111	3.109	4.4	20.6	6 30	18 20.76	-18 33.6	1.579	2.592	2.3	21.2
7 10	18 14.00	-10 34.2	2.135	3.113	6.2	20.7	7 10	18 10.58	-18 28.5	1.603	2.595	6.3	21.5
7 20	18 7.39	-11 6.0	2.184	3.117	8.9	20.9	7 20	18 1.90	-18 26.3	1.653	2.598	10.4	21.7
7 30	18 2.38	-11 43.5	2.258	3.121	11.6	21.0	7 30	17 55.56	-18 27.2	1.726	2.600	14.0	22.0
14766	9594 <i>P-L</i>		6 26.9 118°79	0°6/26.9	18		476412	2008 <i>DQ</i> ₃		6 26.9 156°06	2°2/26.8	17	
5 21	18 48.02	-24 43.4	2.547	3.379	11.3	19.1	5 21	18 51.50	-30 22.8	2.622	3.445	11.2	22.6
5 31	18 43.46	-24 55.5	2.465	3.381	8.7	18.9	5 31	18 46.10	-30 38.3	2.543	3.451	8.7	22.4
6 10	18 37.15	-25 7.9	2.407	3.382	5.7	18.7	6 10	18 38.86	-30 50.6	2.487	3.456	5.9	22.2
6 20	18 29.59	-25 19.1	2.375	3.384	2.4	18.5	6 20	18 30.31	-30 57.4	2.457	3.461	3.2	22.1
6 30	18 21.49	-25 27.7	2.371	3.386	1.2	18.4	6 30	18 21.22	-30 57.2	2.456	3.465	2.5	22.0
7 10	18 13.62	-25 33.1	2.395	3.388	4.5	18.6	7 10	18 12.43	-30 49.4	2.484	3.469	4.9	22.2
7 20	18 6.72	-25 35.3	2.447	3.389	7.6	18.8	7 20	18 4.71	-30 35.1	2.539	3.473	7.7	22.4
7 30	18 1.40	-25 35.0	2.523	3.391	10.3	19.0	7 30	17 58.69	-30 16.0	2.618	3.476	10.3	22.6
35800	1999 <i>JT</i> ₃₂		6 26.9 162°31	3°5/26.4	18		468654	2008 <i>UJ</i> ₂₁₄					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
392610	2011 <i>SM</i> ₂₅₅		6 26.9 60°83	0°8/27.1	16		395589	2011 <i>UT</i> ₂₉₈		6 26.9 324°41	5°0/26.2	18	
5 21	18 49.37	-20 50.3	2.047	2.885	13.4	21.9	5 21	18 51.71	-35 9.2	2.024	2.856	13.8	20.6
5 31	18 44.85	-20 49.0	1.968	2.886	10.4	21.7	5 31	18 47.14	-35 58.5	1.944	2.852	11.0	20.4
6 10	18 38.23	-20 50.5	1.911	2.887	6.8	21.5	6 10	18 40.01	-36 42.7	1.885	2.847	8.1	20.2
6 20	18 30.10	-20 53.8	1.880	2.889	3.0	21.3	6 20	18 30.95	-37 17.0	1.851	2.843	5.6	20.1
6 30	18 21.31	-20 58.0	1.875	2.890	1.5	21.2	6 30	18 20.95	-37 37.3	1.844	2.838	5.3	20.0
7 10	18 12.81	-21 2.5	1.898	2.892	5.3	21.4	7 10	18 11.23	-37 42.0	1.862	2.834	7.4	20.1
7 20	18 5.50	-21 7.1	1.947	2.893	8.9	21.7	7 20	18 2.91	-37 31.9	1.905	2.830	10.4	20.3
7 30	18 0.10	-21 12.1	2.019	2.895	12.2	21.9	7 30	17 56.91	-37 10.4	1.971	2.827	13.3	20.5
434718	2006 <i>DS</i> ₆₁		6 26.9 29°79	1°9/26.4	17		518183	2016 <i>NR</i> ₇₁		6 26.9 298°84	9°1/27.2	17	
5 21	18 51.43	-23 11.5	1.573	2.424	16.1	20.1	5 21	18 48.03	-3 18.1	1.751	2.559	16.6	21.8
5 31	18 47.22	-24 26.4	1.505	2.431	12.4	19.9	5 31	18 44.10	-2 7.3	1.671	2.550	14.1	21.6
6 10	18 40.21	-25 47.5	1.459	2.438	8.2	19.6	6 10	18 37.92	-1 10.1	1.611	2.541	11.5	21.5
6 20	18 31.06	-27 9.5	1.436	2.445	3.7	19.4	6 20	18 30.05	-0 31.0	1.572	2.533	9.6	21.3
6 30	18 20.87	-28 26.2	1.440	2.453	2.6	19.3	6 30	18 21.36	-0 13.6	1.558	2.524	9.1	21.3
7 10	18 11.01	-29 32.9	1.470	2.462	6.8	19.6	7 10	18 12.89	-0 18.9	1.567	2.516	10.6	21.3
7 20	18 2.72	-30 27.0	1.525	2.470	11.0	19.9	7 20	18 5.62	-0 45.5	1.599	2.507	13.1	21.5
7 30	17 57.00	-31 9.0	1.602	2.480	14.7	20.1	7 30	18 0.35	-1 29.7	1.652	2.499	15.8	21.6
244387	2002 <i>PF</i> ₃₉		6 26.9 276°55	6°9/28.2	18		433713	2014 <i>XW</i> ₃₇		6 26.9 203°18	2°0/26.9	17	
5 21	18 48.07	-3 56.1	2.022	2.822	14.9	20.4	5 21	18 55.58	-28 27.6	1.808	2.645	15.0	21.5
5 31	18 43.92	-3 37.0	1.929	2.808	12.5	20.2	5 31	18 50.09	-28 33.5	1.725	2.642	11.6	21.3
6 10	18 37.72	-3 32.4	1.857	2.793	9.9	20.0	6 10	18 41.91	-28 36.5	1.664	2.639	7.8	21.1
6 20	18 29.95	-3 44.8	1.807	2.778	7.7	19.9	6 20	18 31.73	-28 33.5	1.628	2.635	3.7	20.8
6 30	18 21.36	-4 15.2	1.783	2.764	7.0	19.8	6 30	18 20.64	-28 22.4	1.618	2.631	2.4	20.7
7 10	18 12.87	-5 2.5	1.785	2.749	8.4	19.8	7 10	18 9.95	-28 3.2	1.635	2.626	6.3	20.9
7 20	18 5.37	-6 4.0	1.812	2.734	11.0	20.0	7 20	18 0.81	-27 37.4	1.678	2.621	10.3	21.2
7 30	17 59.64	-7 16.0	1.862	2.719	13.9	20.1	7 30	17 54.15	-27 8.1	1.744	2.616	14.0	21.4
390753	2003 <i>SA</i> ₃₀₆		6 26.9 239°74	4°2/26.6	18		470339	2007 <i>RY</i> ₉₇		6 26.9 248°84	6°5/25.7	18	
5 21	18 55.48	-35 43.5	2.456	3.270	12.2	21.7	5 21	18 56.27	-40 22.8	2.301	3.109	13.1	21.2
5 31	18 49.63	-36 10.6	2.356	3.254	9.8	21.5	5 31	18 50.70	-41 23.4	2.208	3.094	10.8	21.1
6 10	18 41.45	-36 31.7	2.279	3.237	7.1	21.3	6 10	18 42.42	-42 16.9	2.138	3.079	8.5	20.9
6 20	18 31.51	-36 43.1	2.229	3.219	4.8	21.1	6 20	18 32.01	-42 57.6	2.093	3.063	6.8	20.7
6 30	18 20.68	-36 41.9	2.205	3.201	4.4	21.0	6 30	18 20.48	-43 20.6	2.074	3.047	6.7	20.7
7 10	18 10.05	-36 26.9	2.210	3.183	6.4	21.1	7 10	18 9.08	-43 23.9	2.082	3.031	8.3	20.8
7 20	18 0.61	-35 59.7	2.242	3.164	9.2	21.3	7 20	17 59.04	-43 8.5	2.114	3.014	10.7	20.9
7 30	17 53.20	-35 23.3	2.298	3.144	12.0	21.4	7 30	17 51.36	-42 38.1	2.169	2.997	13.2	21.0
381138	2007 <i>EH</i> ₁₄₄		6 26.9 13°95	0°6/27.0	17		513407	2008 <i>RL</i> ₁₀		6 26.9 258°67	2°7/26.7	18	
5 21	18 50.15	-21 6.9	1.518	2.372	16.5	20.7	5 21	18 54.04	-29 39.2	2.124	2.953	13.3	22.9
5 31	18 46.18	-21 17.0	1.446	2.373	12.7	20.4	5 31	18 48.82	-30 4.3	2.020	2.932	10.4	22.6
6 10	18 39.47	-21 31.6	1.395	2.375	8.4	20.2	6 10	18 41.11	-30 27.5	1.940	2.911	7.1	22.4
6 20	18 30.72	-21 49.0	1.367	2.377	3.6	19.9	6 20	18 31.45	-30 45.3	1.885	2.889	3.8	22.1
6 30	18 21.05	-22 7.1	1.364	2.379	1.6	19.8	6 30	18 20.73	-30 54.7	1.857	2.866	3.0	22.0
7 10	18 11.78	-22 24.0	1.386	2.382	6.4	20.1	7 10	18 10.09	-30 54.2	1.857	2.843	6.1	22.2
7 20	18 4.11	-22 39.3	1.432	2.385	11.0	20.4	7 20	18 0.65	-30 44.3	1.883	2.819	9.8	22.4
7 30	17 58.95	-22 53.0	1.500	2.388	14.9	20.6	7 30	17 53.34	-30 27.3	1.932	2.795	13.2	22.5
394342	2006 <i>XZ</i> ₇₀		6 26.9 22°67	1°8/27.4	18		208585	2002 <i>CF</i> ₁₀₀		6 26.9 110°54	1°3/26.9	17	
5 21	18 48.02	-16 6.2	2.141	2.972	13.2	20.3	5 21	18 56.32	-25 23.1	1.544	2.389	16.7	20.7
5 31	18 43.74	-16 29.3	2.061	2.974	10.2	20.1	5 31	18 50.82	-25 42.1	1.481	2.403	12.9	20.5
6 10	18 37.49	-17 0.0	2.003	2.975	6.9	19.9	6 10	18 42.41	-26 1.5	1.438	2.416	8.4	20.3
6 20	18 29.81	-17 37.0	1.971	2.977	3.4	19.7	6 20	18 31.92	-26 17.8	1.419	2.429	3.7	20.0
6 30	18 21.45	-18 18.5	1.966	2.979	2.0	19.6	6 30	18 20.59	-26 28.4	1.426	2.441	2.0	19.9
7 10	18 13.31	-19 2.4	1.989	2.982	5.2	19.8	7 10	18 9.87	-26 32.0	1.460	2.453	6.6	20.3
7 20	18 6.22	-19 46.7	2.039	2.984	8.7	20.0	7 20	18 0.98	-26 29.5	1.518	2.464	10.9	20.5
7 30	18 0.88	-20 29.9	2.112	2.987	11.8	20.2	7 30	17 54.83	-26 23.0	1.597	2.476	14.7	20.8
442055	2010 <i>RB</i> ₆₀		6 26.9 28°02	4°1/26.6	18		384103	2008 <i>WO</i> ₄₉		6 26.9 192°73	5°5/27.2	18	
5 21	18 51.26	-34 39.1	2.241	3.069	12.7	20.6	5 21	18 49.84	-8 9.6	2.352	3.154	13.0	21.3
5 31	18 46.39	-35 9.2	2.164	3.070	10.1	20.5	5 31	18 44.85	-7 23.7	2.268	3.152	10.6	21.1
6 10	18 39.29	-35 33.6	2.109	3.072	7.3	20.3	6 10	18 38.07	-6 46.1	2.206	3.150	8.1	21.0
6 20	18 30.56	-35 48.8	2.080	3.074	4.8	20.1	6 20	18 30.03	-6 19.0	2.170	3.148	6.1	20.8
6 30	18 21.13	-35 52.1	2.077	3.076	4.3	20.1	6 30	18 21.40	-6 3.8	2.160	3.145	5.6	20.8
7 10	18 12.05	-35 42.9	2.101	3.078	6.4	20.2	7 10	18 13.00	-6 1.0	2.178	3.141	7.1	20.9
7 20	18 4.26	-35 22.6	2.151	3.080	9.2	20.4	7 20	18 5.56	-6 9.9	2.222	3.137	9.6	21.0
7 30	17 58.53	-34 53.9	2.224	3.082	11.9	20.6	7 30	17 59.71	-6 29.1	2.289	3.133	12.1	21.2
39260	2000 <i>YE</i> ₁₃₈		6 26.9 131°52	2°9/27.6	18		358983	2008 <i>SZ</i> ₁₂₄		6 26.9 308°09	2°2/26.8	17	
5 21	18 47.81	-12 20.0	2.707	3.517	11.3	19.7	5 21	18 53.82	-26 45.9	1.247	2.110	18.7	21.3
5 31	18 43.04	-12 21.7	2.631	3.528	8.9	19.5	5 31	18 49.85	-27 5.3	1.174	2.106	14.6	21.0
6 10	18 36.76	-12 30.4	2.578	3.538	6.3	19.4	6 10	18 42.34	-27 24.7	1.120	2.102	9.8	20.7
6 20	18 29.42	-12 46.2	2.551	3.547	3.8	19.2	6 20	18 32.08	-27 39.7	1.088	2.097	4.5	20.4
6 30	18 21.64	-13 8.3	2.553	3.557	3.0	19.2	6 30	18 20.48	-27 46.5	1.079	2.093	2.8	20.3
7 10	18 14.09	-13 35.8	2.583	3.566	4.9	19.3	7 10	18 9.35	-27 43.5	1.094	2.090	7.9	20.6
7 20	18 7.38	-14 7.4	2.640	3.574	7.5	19.5	7 20	18 0.32	-27 32.1	1.132	2.086	13.1	20.8
7 30	18 2.05	-14 41.8	2.723	3.583	9.9	19.7	7 30	17 54.57	-27 15.4	1.189	2.082	17.6	21.1
104544	2000 <i>GG</i> ₅₉		6 26.9 331°24	3°4/27.3	17		181271	2005 <i>WE</i> ₁₆₃					

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2020	α_{2000}	δ_{2000}	Δ	r	β	V	2020	α_{2000}	δ_{2000}	Δ	r	β	V
203802	2002 <i>TW</i> ₁₁₆		6 26.9 131°07	0°7/27.0	18		443576	2014 <i>KL</i> ₅₈		6 26.9 290°22	4°9/27.5	18	
5 21	18 51.70	-22 4.3	2.399	3.224	12.1	20.3	5 21	18 46.45	-9 13.0	2.323	3.136	12.8	21.3
5 31	18 46.20	-21 46.0	2.324	3.236	9.3	20.1	5 31	18 42.47	-8 46.7	2.224	3.117	10.5	21.1
6 10	18 38.88	-21 28.2	2.273	3.247	6.1	19.9	6 10	18 36.68	-8 29.1	2.147	3.099	7.9	20.9
6 20	18 30.33	-21 10.4	2.249	3.257	2.6	19.7	6 20	18 29.54	-8 21.7	2.095	3.080	5.6	20.7
6 30	18 21.30	-20 52.6	2.252	3.267	1.3	19.6	6 30	18 21.70	-8 25.5	2.069	3.061	5.0	20.6
7 10	18 12.65	-20 35.1	2.285	3.277	4.7	19.9	7 10	18 13.95	-8 40.5	2.069	3.043	6.7	20.7
7 20	18 5.11	-20 18.7	2.345	3.286	7.9	20.1	7 20	18 7.05	-9 5.5	2.096	3.024	9.4	20.8
7 30	17 59.28	-20 4.0	2.430	3.295	10.8	20.3	7 30	18 1.69	-9 38.9	2.146	3.005	12.2	21.0
324956	2007 <i>YY</i> ₅₄		6 26.9 215°25	8°2/27.7	17		327190	2005 <i>MY</i> ₇		6 26.9 356°32	4°2/26.8	17	
5 21	19 4.37	-44 6.1	1.671	2.480	17.2	20.6	5 21	18 45.78	-18 38.2	1.094	1.973	19.6	19.8
5 31	18 57.61	-44 26.8	1.593	2.477	14.4	20.4	5 31	18 43.60	-17 37.1	1.029	1.968	15.4	19.5
6 10	18 47.14	-44 31.3	1.535	2.473	11.4	20.2	6 10	18 38.18	-16 39.0	0.981	1.963	10.6	19.2
6 20	18 33.96	-44 12.3	1.499	2.469	9.0	20.0	6 20	18 30.33	-15 46.9	0.954	1.960	5.8	18.9
6 30	18 19.74	-43 25.0	1.488	2.466	8.3	20.0	6 30	18 21.39	-15 3.9	0.948	1.959	4.6	18.8
7 10	18 6.39	-42 10.8	1.502	2.461	10.0	20.1	7 10	18 13.00	-14 32.6	0.965	1.959	8.8	19.1
7 20	17 55.51	-40 35.9	1.540	2.457	12.9	20.2	7 20	18 6.55	-14 14.1	1.002	1.961	13.8	19.4
7 30	17 48.15	-38 49.6	1.601	2.452	16.0	20.4	7 30	18 3.10	-14 8.0	1.057	1.964	18.2	19.6
237135	2008 <i>UP</i> ₂₈		6 26.9 191°06	1°1/27.1	17		244856	2003 <i>UK</i> ₁₆₉		6 26.9 229°64	10°2/23.8	18	
5 21	18 50.80	-19 53.8	2.028	2.863	13.7	20.9	5 21	19 4.21	-44 56.7	1.894	2.692	15.8	20.8
5 31	18 46.00	-19 53.2	1.946	2.862	10.6	20.7	5 31	18 58.15	-46 55.0	1.813	2.681	13.6	20.6
6 10	18 39.03	-19 56.1	1.887	2.861	7.0	20.5	6 10	18 48.16	-48 45.1	1.753	2.670	11.6	20.5
6 20	18 30.49	-20 1.7	1.852	2.860	3.2	20.2	6 20	18 34.78	-50 16.4	1.717	2.658	10.3	20.4
6 30	18 21.22	-20 9.0	1.845	2.859	1.7	20.1	6 30	18 19.35	-51 19.4	1.706	2.645	10.5	20.3
7 10	18 12.24	-20 17.2	1.865	2.858	5.4	20.4	7 10	18 3.84	-51 49.3	1.719	2.632	12.1	20.4
7 20	18 4.44	-20 25.9	1.911	2.856	9.2	20.6	7 20	17 50.26	-51 47.6	1.755	2.618	14.4	20.5
7 30	17 58.60	-20 35.2	1.981	2.854	12.5	20.8	7 30	17 40.21	-51 20.9	1.811	2.604	16.8	20.7
510709	2012 <i>VJ</i>		6 26.9 265°69	0°7/27.2	18		498392	2007 <i>XH</i> ₂₆		6 26.9 254°34	2°4/26.8	17	
5 21	18 50.39	-18 45.1	1.931	2.767	14.2	21.0	5 21	18 55.11	-27 59.9	1.586	2.432	16.3	21.9
5 31	18 45.90	-19 18.9	1.847	2.764	11.0	20.8	5 31	18 50.32	-28 20.4	1.499	2.420	12.7	21.7
6 10	18 39.10	-19 59.8	1.785	2.761	7.3	20.6	6 10	18 42.45	-28 39.8	1.431	2.408	8.6	21.4
6 20	18 30.57	-20 45.7	1.749	2.757	3.2	20.3	6 20	18 32.14	-28 54.0	1.387	2.395	4.2	21.1
6 30	18 21.17	-21 33.8	1.739	2.754	1.4	20.2	6 30	18 20.58	-28 59.5	1.369	2.382	2.9	21.0
7 10	18 11.97	-22 21.2	1.757	2.751	5.6	20.5	7 10	18 9.26	-28 54.9	1.376	2.368	7.1	21.2
7 20	18 3.95	-23 6.0	1.801	2.748	9.5	20.7	7 20	17 59.60	-28 41.1	1.408	2.354	11.7	21.4
7 30	17 57.96	-23 47.0	1.868	2.744	13.0	20.9	7 30	17 52.73	-28 21.3	1.462	2.340	15.8	21.6
460109	2014 <i>PR</i> ₁₇		6 26.9 142°70	0°8/27.1	17		175830	1999 <i>TH</i> ₁₀₃		6 26.9 256°45	0°7/27.0	18	
5 21	18 54.91	-20 16.0	1.406	2.256	17.7	21.7	5 21	18 53.54	-22 24.1	1.669	2.512	15.7	20.6
5 31	18 50.05	-20 29.9	1.337	2.261	13.8	21.5	5 31	18 48.78	-22 12.1	1.578	2.499	12.3	20.3
6 10	18 42.13	-20 49.8	1.287	2.265	9.1	21.2	6 10	18 41.25	-22 1.3	1.508	2.485	8.1	20.0
6 20	18 31.90	-21 13.5	1.260	2.269	3.9	20.9	6 20	18 31.59	-21 50.5	1.462	2.471	3.5	19.7
6 30	18 20.62	-21 38.2	1.258	2.273	1.8	20.8	6 30	18 20.83	-21 38.8	1.442	2.457	1.6	19.6
7 10	18 9.81	-22 1.7	1.281	2.277	6.9	21.1	7 10	18 10.31	-21 26.1	1.448	2.442	6.4	19.8
7 20	18 0.81	-22 23.0	1.329	2.280	11.8	21.4	7 20	18 1.24	-21 13.4	1.479	2.427	11.1	20.1
7 30	17 54.66	-22 42.3	1.397	2.283	16.0	21.7	7 30	17 54.65	-21 2.1	1.532	2.412	15.1	20.3
431044	2006 <i>BU</i> ₂₃		6 26.9 134°17	1°8/27.0	17		513676	2011 <i>WR</i> ₈₇		6 26.9 189°31	3°2/27.1	18	
5 21	18 56.01	-29 25.0	2.156	2.981	13.3	21.5	5 21	18 48.55	-14 10.4	2.668	3.482	11.3	22.4
5 31	18 49.77	-29 17.9	2.083	2.993	10.3	21.3	5 31	18 43.69	-13 35.3	2.582	3.482	9.0	22.3
6 10	18 41.33	-29 6.4	2.033	3.005	6.8	21.1	6 10	18 37.25	-13 4.5	2.519	3.480	6.3	22.1
6 20	18 31.38	-28 48.7	2.010	3.016	3.3	20.9	6 20	18 29.71	-12 38.9	2.483	3.479	3.9	21.9
6 30	18 20.88	-28 23.7	2.014	3.027	2.1	20.9	6 30	18 21.69	-12 19.4	2.475	3.477	3.3	21.9
7 10	18 10.90	-27 52.2	2.047	3.037	5.3	21.1	7 10	18 13.89	-12 6.4	2.495	3.475	5.3	22.0
7 20	18 2.34	-27 16.2	2.107	3.046	8.8	21.3	7 20	18 6.95	-11 59.9	2.543	3.473	7.9	22.2
7 30	17 55.89	-26 38.5	2.191	3.056	11.8	21.5	7 30	18 1.43	-11 59.6	2.615	3.470	10.4	22.4
117596	Richardkuhns		6 26.9 168°54	2°4/27.3	18		211092	2002 <i>EX</i> ₇₁		6 27.0 3°03	4°1/26.9	17	
5 21	18 49.50	-16 31.1	2.011	2.843	13.8	20.3	5 21	18 51.99	-30 59.5	1.181	2.051	19.2	19.7
5 31	18 44.97	-16 23.8	1.931	2.844	10.8	20.1	5 31	18 48.62	-31 19.5	1.117	2.049	15.1	19.4
6 10	18 38.34	-16 22.4	1.873	2.845	7.4	19.9	6 10	18 41.60	-31 34.2	1.070	2.049	10.4	19.2
6 20	18 30.20	-16 26.7	1.840	2.845	3.8	19.7	6 20	18 31.80	-31 38.3	1.044	2.050	5.7	18.9
6 30	18 21.37	-16 36.2	1.834	2.845	2.7	19.6	6 30	18 20.79	-31 27.9	1.041	2.051	4.4	18.8
7 10	18 12.81	-16 50.1	1.855	2.846	5.7	19.8	7 10	18 10.43	-31 2.8	1.060	2.053	8.5	19.1
7 20	18 5.42	-17 7.5	1.902	2.846	9.3	20.0	7 20	18 2.35	-30 26.3	1.101	2.056	13.3	19.3
7 30	17 59.92	-17 27.6	1.972	2.846	12.5	20.2	7 30	17 57.67	-29 43.6	1.162	2.059	17.7	19.6
493598	2015 <i>MW</i> ₇₆		6 26.9 316°10	1°6/26.9	18		113530	2002 <i>TK</i> ₂₀		6 27.0 279°03	1°4/26.9	18	
5 21	18 48.79	-20 44.1	1.988	2.829	13.7	20.9	5 21	18 50.87	-26 33.2	1.987	2.827	13.7	20.6
5 31	18 44.53	-20 15.2	1.900	2.819	10.6	20.7	5 31	18 46.34	-26 45.4	1.897	2.816	10.6	20.4
6 10	18 38.12	-19 47.4	1.834	2.810	7.1	20.5	6 10	18 39.45	-26 57.0	1.830	2.806	7.1	20.2
6 20	18 30.12	-19 20.7	1.793	2.801	3.3	20.2	6 20	18 30.77	-27 5.5	1.787	2.796	3.2	19.9
6 30	18 21.40	-18 55.8	1.779	2.792	2.0	20.1	6 30	18 21.23	-27 9.0	1.771	2.785	1.9	19.8
7 10	18 12.94	-18 33.2	1.791	2.784	5.6	20.3	7 10	18 11.92	-27 6.5	1.783	2.775	5.7	20.0
7 20	18 5.67	-18 13.9	1.830	2.776	9.4	20.6	7 20	18 3.86	-26 58.7	1.819	2.765	9.5	20.2
7 30	18 0.33	-17 58.7	1.891	2.768	12.8	20.8	7 30	17 57.90	-26 47.0	1.880	2.754	13.0	20.4
255151	2005 <i>UF</i> ₁₇₄		6 26.9 278°20	2°6/26.7	18		383239	2006 <i>BB</i>					