2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
226313	2003 CH_{19}	12	6.9	293.°92	0.°4/	7.1 18
	h m	° ′			°	m
10 28	5 24.76	+24 8.0	1.545	2.337	18.2	20.8
11 7	5 21.70	+24 7.2	1.450	2.323	14.7	20.6
11 17	5 15.26	+24 2.0	1.375	2.309	10.4	20.3
11 27	5 6.00	+23 51.3	1.323	2.295	5.5	20.0
12 7	4 55.05	+23 34.6	1.297	2.282	0.4	19.5
12 17	4 43.93	+23 13.3	1.298	2.268	5.5	19.9
12 27	4 34.27	+22 50.9	1.325	2.255	10.7	20.2
1 6	4 27.34	+22 31.6	1.376	2.242	15.3	20.4
513969	2014 FD_{43}	12	6.9	146.°41	5.°1/	8.6 18
10 28	5 31.83	+38 35.2	2.516	3.232	13.9	22.2
11 7	5 25.97	+39 13.3	2.431	3.244	11.6	22.1
11 17	5 17.40	+39 41.3	2.368	3.255	9.0	21.9
11 27	5 6.77	+39 54.9	2.331	3.266	6.5	21.8
12 7	4 55.06	+39 51.4	2.322	3.276	5.1	21.7
12 17	4 43.48	+39 30.7	2.343	3.285	5.9	21.8
12 27	4 33.20	+38 55.7	2.393	3.294	8.1	22.0
1 6	4 25.13	+38 11.5	2.471	3.301	10.6	22.1
321209	2008 YS_{48}	12	6.9	230.°51	4.°9/	6.2 18
10 28	5 24.97	+ 8 42.9	2.070	2.832	15.1	20.8
11 7	5 20.59	+ 8 28.8	1.975	2.825	12.4	20.6
11 17	5 13.74	+ 8 21.6	1.902	2.817	9.3	20.4
11 27	5 4.96	+ 8 24.1	1.853	2.808	6.2	20.2
12 7	4 55.07	+ 8 37.9	1.833	2.800	4.9	20.1
12 17	4 45.08	+ 9 3.9	1.843	2.791	6.7	20.2
12 27	4 36.10	+ 9 41.7	1.880	2.781	9.9	20.3
1 6	4 29.00	+10 29.9	1.943	2.772	13.1	20.5
283719	2002 TX_{165}	12	6.9	125.°88	0.°4/	7.2 18
10 28	5 23.10	+26 26.1	2.599	3.356	12.5	20.4
11 7	5 18.52	+25 56.2	2.511	3.363	10.0	20.3
11 17	5 11.91	+25 20.2	2.445	3.370	7.0	20.1
11 27	5 3.84	+24 38.2	2.407	3.378	3.6	19.9
12 7	4 55.07	+23 51.5	2.400	3.385	0.4	19.6
12 17	4 46.45	+23 2.3	2.423	3.391	3.5	19.9
12 27	4 38.83	+22 13.7	2.477	3.398	6.8	20.1
1 6	4 32.85	+21 28.9	2.558	3.404	9.7	20.3
71530	2000 CQ_{87}	12	6.9	46.°72	0.°9/	7.2 18
10 28	5 22.59	+25 27.3	2.159	2.930	14.3	19.3
11 7	5 18.68	+25 31.1	2.075	2.935	11.4	19.1
11 17	5 12.35	+25 30.6	2.013	2.941	8.0	18.9
11 27	5 4.18	+25 25.1	1.977	2.948	4.2	18.7
12 7	4 55.07	+25 14.2	1.969	2.954	0.9	18.5
12 17	4 46.04	+24 58.9	1.991	2.960	4.0	18.7
12 27	4 38.14	+24 41.6	2.042	2.967	7.8	19.0
1 6	4 32.18	+24 24.9	2.118	2.974	11.1	19.2
333628	2008 EQ_{88}	12	6.9	243.°25	0.°0/	6.9 18
10 28	5 27.98	+22 15.8	1.671	2.451	17.5	21.6
11 7	5 23.96	+22 24.5	1.575	2.441	14.1	21.3
11 17	5 16.68	+22 31.7	1.499	2.430	10.0	21.1
11 27	5 6.69	+22 36.2	1.447	2.419	5.2	20.8
12 7	4 55.07	+22 37.0	1.422	2.407	0.0	20.3
12 17	4 43.27	+22 34.6	1.426	2.395	5.3	20.7
12 27	4 32.84	+22 31.0	1.457	2.383	10.2	21.0
1 6	4 25.00	+22 29.3	1.513	2.370	14.6	21.2
158808	2003 SX_{319}	12	6.9	65.°97	1.°5/	6.4 18
10 28	5 22.01	+20 37.9	2.163	2.938	14.2	20.1
11 7	5 18.01	+20 0.2	2.082	2.946	11.3	19.9
11 17	5 11.74	+19 19.3	2.024	2.954	7.8	19.7
11 27	5 3.81	+18 36.8	1.991	2.963	4.1	19.5
12 7	4 55.07	+17 54.7	1.988	2.971	1.6	19.4
12 17	4 46.49	+17 15.7	2.015	2.980	4.5	19.6
12 27	4 39.01	+16 42.6	2.070	2.988	8.1	19.8
1 6	4 33.37	+16 17.6	2.151	2.997	11.3	20.0
286849	2002 NG_{63}	12	6.9	64.°55	2.°9/	7.7 18
10 28	5 30.32	+29 27.1	1.339	2.127	20.7	20.9
11 7	5 26.22	+29 40.1	1.279	2.146	16.6	20.7
11 17	5 18.25	+29 43.6	1.237	2.166	11.9	20.5
11 27	5 7.34	+29 34.2	1.218	2.186	6.8	20.2
12 7	4 55.07	+29 10.6	1.224	2.206	2.9	20.1
12 17	4 43.28	+28 35.1	1.258	2.226	6.0	20.3
12 27	4 33.68	+27 53.4	1.317	2.246	10.7	20.6
1 6	4 27.34	+27 12.1	1.399	2.266	15.0	20.9
233954	2009 XY_{16}	12	7.0	348.°85	4.°1/	6.3 17
11 7	5 17.18	+ 9 37.6	2.134	2.989	11.4	20.0
11 17	5 11.23	+ 9 35.2	2.068	2.987	8.4	19.8
11 27	5 3.61	+ 9 41.0	2.027	2.985	5.5	19.7
12 7	4 55.08	+ 9 56.4	2.014	2.983	4.1	19.6
12 17	4 46.54	+10 21.7	2.030	2.982	5.9	19.7
12 27	4 38.93	+10 56.8	2.075	2.981	8.9	19.9
1 6	4 32.99	+11 40.3	2.146	2.980	11.8	20.0
1 16	4 29.22	+12 30.7	2.238	2.979	14.4	20.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
12007	Fermat	12	7.0	258.°65	3.°1/	7.4 18
	h m	° ′			°	m
11 7	5 25.33	+28 52.0	1.495	2.357	15.0	18.8
11 17	5 17.93	+29 25.8	1.421	2.347	10.9	18.5
11 27	5 7.45	+29 51.2	1.370	2.336	6.4	18.2
12 7	4 55.09	+30 4.4	1.345	2.326	3.2	18.0
12 17	4 42.48	+30 3.9	1.349	2.315	6.0	18.1
12 27	4 31.43	+29 52.3	1.379	2.304	10.7	18.4
1 6	4 23.32	+29 34.8	1.432	2.293	15.1	18.6
1 16	4 18.90	+29 17.0	1.506	2.281	18.8	18.8
46618	1994 CF_{16}	12	7.0	312.°20	2.°8/	6.4 18
11 7	5 17.06	+14 16.5	2.133	2.994	11.1	18.9
11 17	5 11.22	+14 8.3	2.060	2.987	8.0	18.7
11 27	5 3.64	+14 4.3	2.013	2.979	4.7	18.5
12 7	4 55.11	+14 5.6	1.994	2.972	2.8	18.4
12 17	4 46.52	+14 13.1	2.005	2.965	5.1	18.5
12 27	4 38.84	+14 27.7	2.044	2.958	8.5	18.7
1 6	4 32.87	+14 49.2	2.109	2.951	11.7	18.9
1 16	4 29.11	+15 17.5	2.196	2.945	14.4	19.1
61425	2000 QA_{16}	12	7.0	38.°87	2.°4/	6.6 18
11 7	5 21.42	+17 39.3	1.175	2.059	16.6	18.7
11 17	5 14.86	+17 29.7	1.139	2.078	11.6	18.5
11 27	5 5.61	+17 23.1	1.125	2.097	6.2	18.2
12 7	4 55.11	+17 20.5	1.135	2.118	2.4	18.1
12 17	4 45.00	+17 23.5	1.171	2.139	6.4	18.4
12 27	4 36.85	+17 33.3	1.233	2.162	11.3	18.7
1 6	4 31.66	+17 50.6	1.316	2.184	15.6	19.0
1 16	4 29.87	+18 15.1	1.418	2.207	19.1	19.3
284042	2005 AG_{39}	12	7.0	54.°91	5.°5/	6.9 18
11 7	5 22.58	+ 7 39.6	1.496	2.354	15.2	19.8
11 17	5 15.35	+ 7 56.6	1.448	2.368	11.3	19.6
11 27	5 5.81	+ 8 27.7	1.424	2.381	7.4	19.4
12 7	4 55.11	+ 9 13.4	1.426	2.395	5.5	19.3
12 17	4 44.58	+10 12.3	1.456	2.409	7.4	19.5
12 27	4 35.54	+11 21.9	1.513	2.424	11.1	19.7
1 6	4 28.97	+12 38.6	1.594	2.438	14.7	20.0
1 16	4 25.38	+13 59.2	1.696	2.453	17.7	20.2
430871	2005 QJ_{21}	12	7.0	96.°05	1.°4/	6.7 18
11 7	5 25.02	+19 25.5	1.586	2.450	14.1	21.2
11 17	5 16.88	+19 19.2	1.543	2.473	9.8	20.9
11 27	5 6.51	+19 12.7	1.525	2.496	5.1	20.7
12 7	4 55.12	+19 6.4	1.534	2.518	1.4	20.5
12 17	4 44.07	+19 1.5	1.573	2.540	5.2	20.8
12 27	4 34.67	+19 0.0	1.639	2.561	9.6	21.1
1 6	4 27.83	+19 3.6	1.730	2.582	13.4	21.4
1 16	4 23.97	+19 13.2	1.843	2.602	16.4	21.7
466457	2013 TZ_{107}	12	7.0	27.°60	3.°6/	5.8 17
11 7	5 15.25	+12 58.8	2.194	3.056	10.8	21.0
11 17	5 9.78	+12 20.4	2.138	3.063	7.8	20.8
11 27	5 2.82	+11 46.2	2.107	3.070	4.9	20.7
12 7	4 55.12	+11 18.8	2.105	3.077	3.6	20.6
12 17	4 47.51	+11 0.2	2.132	3.085	5.5	20.7
12 27	4 40.86	+10 51.9	2.187	3.093	8.4	20.9
1 6	4 35.81	+10 54.1	2.267	3.101	11.3	21.1
1 16	4 32.80	+11 6.1	2.369	3.110	13.7	21.3
371811	2007 TZ_{36}	12	7.0	178.°54	7.°6/	10.1 17
11 7	5 28.31	+53 45.5	3.281	4.006	10.7	22.1
11 17	5 19.21	+54 35.7	3.211	4.008	9.4	22.0
11 27	5 7.82	+55 8.2	3.165	4.009	8.2	21.9
12 7	4 55.12	+55 19.4	3.145	4.009	7.6	21.9
12 17	4 42.36	+55 8.1	3.152	4.009	7.8	21.9
12 27	4 30.84	+54 35.9	3.185	4.009	8.6	21.9
1 6	4 21.56	+53 47.8	3.244	4.008	9.8	22.0
1 16	4 15.14	+52 49.3	3.325	4.007	11.1	22.1
283793	2003 SS_{13}	12	7.0	57.°55	2.°6/	6.5 18
11 7	5 22.19	+17 10.2	1.431	2.304	14.9	20.8
11 17	5 15.00	+16 51.3	1.395	2.328	10.4	20.6
11 27	5 5.56	+16 35.0	1.382	2.352	5.6	20.4
12 7	4 55.13	+16 22.8	1.395	2.377	2.6	20.3
12 17	4 45.08	+16 16.6	1.436	2.402	5.9	20.6
12 27	4 36.75	+16 17.9	1.504	2.427	10.2	20.9
1 6	4 31.01	+16 27.5	1.596	2.452	14.1	21.2
1 16	4 28.26	+16 44.9	1.708	2.476	17.2	21.4
274362	2008 RH_{69}	12	7.0	356.°25	3.°4/	7.7 17
11 7	5 19.32	+31 18.0	1.888	2.743	12.6	20.6
11 17	5 13.17	+31 44.7	1.820	2.741	9.3	20.4
11 27	5 4.77	+32 1.9	1.777	2.739	5.7	20.2
12 7	4 55.13	+32 7.3	1.761	2.737	3.4	20.0
12 17	4 45.45	+32 0.6	1.773	2.736	5.2	20.2
12 27	4 37.02	+31 44.2	1.813	2.736	8.7	20.4
1 6	4 30.82	+31 22.1	1.878	2.736	12.2	20.6
1 16	4 27.46	+30 58.7	1.964	2.737	15.1	20.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
460688	2014 UX_{185}	12	7.0	147.°21	2.°0/	7.7 17
	h m	° ′			°	m
11 7	5 19.36	+30 9.5	2.404	3.250	10.6	21.5
11 17	5 12.69	+30 0.2	2.335	3.254	7.6	21.3
11 27	5 4.34	+29 42.4	2.293	3.257	4.4	21.2
12 7	4 55.13	+29 15.9	2.279	3.260	2.0	21.0
12 17	4 46.02	+28 42.0	2.297	3.263	3.9	21.1
12 27	4 37.97	+28 3.4	2.344	3.266	7.1	21.3
1 6	4 31.70	+27 23.9	2.418	3.268	10.1	21.5
1 16	4 27.68	+26 46.7	2.515	3.271	12.6	21.7
113723	2002 TD_{138}	12	7.0	272.°70	1.°3/	7.5 18
11 7	5 18.13	+28 31.7	2.410	3.261	10.4	19.2
11 17	5 11.85	+28 10.0	2.333	3.256	7.4	19.0
11 27	5 3.93	+27 40.5	2.283	3.250	4.1	18.8
12 7	4 55.14	+27 3.6	2.262	3.245	1.4	18.6
12 17	4 46.39	+26 21.0	2.271	3.239	3.7	18.8
12 27	4 38.63	+25 35.6	2.311	3.234	7.1	19.0
1 6	4 32.59	+24 51.2	2.377	3.229	10.2	19.2
1 16	4 28.74	+24 10.8	2.467	3.223	12.8	19.4
373065	2011 FC_{41}	12	7.0	320.°95	1.°6/	6.7 17
11 7	5 17.50	+17 46.5	2.057	2.921	11.3	20.8
11 17	5 11.62	+17 45.1	1.983	2.914	8.0	20.6
11 27	5 3.89	+17 45.2	1.935	2.906	4.3	20.3
12 7	4 55.14	+17 47.5	1.916	2.899	1.6	20.1
12 17	4 46.32	+17 52.7	1.926	2.892	4.6	20.3
12 27	4 38.47	+18 1.7	1.964	2.885	8.3	20.5
1 6	4 32.42	+18 15.4	2.028	2.879	11.7	20.7
1 16	4 28.71	+18 34.2	2.115	2.873	14.6	20.9
481555	2007 RE_{233}	12	7.0	37.°81	0.°3/	6.9 18
11 7	5 21.54	+21 15.5	1.310	2.189	15.6	20.1
11 17	5 14.91	+21 28.5	1.268	2.205	10.8	19.9
11 27	5 5.67	+21 40.1	1.249	2.222	5.5	19.7
12 7	4 55.14	+21 49.6	1.255	2.240	0.3	19.3
12 17	4 44.89	+21 57.4	1.288	2.258	5.5	19.8
12 27	4 36.44	+22 5.2	1.347	2.277	10.4	20.1
1 6	4 30.82	+22 15.1	1.429	2.297	14.6	20.4
1 16	4 28.52	+22 28.7	1.530	2.317	18.0	20.7
518087	2016 AQ_{228}	12	7.0	237.°51	3.°0/	8.0 18
11 7	5 19.39	+32 49.9	2.440	3.281	10.6	21.8
11 17	5 12.81	+32 54.4	2.365	3.277	7.8	21.6
11 27	5 4.45	+32 49.2	2.316	3.274	4.9	21.4
12 7	4 55.15	+32 33.0	2.295	3.270	3.0	21.3
12 17	4 45.85	+32 6.6	2.304	3.266	4.4	21.4
12 27	4 37.58	+31 32.4	2.343	3.262	7.3	21.5
1 6	4 31.11	+30 54.3	2.409	3.258	10.2	21.7
1 16	4 26.96	+30 16.0	2.498	3.254	12.7	21.9
22323	1991 RC_{6}	12	7.0	56.°59	7.°9/	8.4 18
11 7	5 28.72	+39 13.6	1.464	2.301	16.6	17.9
11 17	5 20.33	+40 30.4	1.423	2.321	13.0	17.8
11 27	5 8.62	+41 26.8	1.404	2.342	9.7	17.6
12 7	4 55.15	+41 56.2	1.410	2.362	7.9	17.6
12 17	4 41.92	+41 56.7	1.442	2.383	8.9	17.7
12 27	4 30.88	+41 33.0	1.500	2.404	11.7	17.9
1 6	4 23.34	+40 53.9	1.580	2.425	14.8	18.1
1 16	4 19.83	+40 8.2	1.681	2.446	17.5	18.4
333363	2001 YC_{51}	12	7.0	27.°25	0.°0/	7.0 18
11 7	5 21.66	+21 0.2	1.105	1.992	17.2	19.5
11 17	5 15.41	+21 31.8	1.063	2.004	12.0	19.3
11 27	5 6.08	+22 3.0	1.042	2.017	6.1	19.0
12 7	4 55.16	+22 31.9	1.046	2.031	0.0	18.6
12 17	4 44.47	+22 57.3	1.075	2.046	6.0	19.1
12 27	4 35.82	+23 20.2	1.128	2.063	11.5	19.4
1 6	4 30.40	+23 42.6	1.203	2.080	16.2	19.8
1 16	4 28.74	+24 6.2	1.296	2.098	19.9	20.1
385970	2006 WJ_{184}	12	7.0	309.°50	2.°8/	7.5 18
11 7	5 22.01	+28 28.4	1.298	2.172	16.0	20.4
11 17	5 16.05	+28 43.2	1.215	2.147	11.7	20.1
11 27	5 6.71	+28 48.2	1.154	2.123	6.7	19.8
12 7	4 55.16	+28 40.4	1.117	2.099	2.8	19.4
12 17	4 43.14	+28 19.3	1.106	2.076	6.4	19.6
12 27	4 32.68	+27 48.6	1.121	2.053	11.8	19.8
1 6	4 25.36	+27 14.9	1.157	2.031	16.9	20.1
1 16	4 22.08	+26 44.3	1.212	2.009	21.3	20.3
151879	2003 RF_{3}	12	7.0	79.°59	1.°2/	6.7 18
11 7	5 18.30	+19 33.3	2.145	3.007	11.1	19.7
11 17	5 11.97	+19 20.9	2.087	3.017	7.7	19.5
11 27	5 3.98	+19 8.2	2.056	3.027	4.0	19.3
12 7	4 55.16	+18 55.8	2.053	3.037	1.2	19.1
12 17	4 46.45	+18 45.2	2.080	3.047	4.2	19.4
12 27	4 38.80	+18 37.8	2.137	3.057	7.8	19.6
1 6	4 32.95	+18 35.2	2.219	3.067	10.9	19.8
1 16	4 29.33	+18 38.1	2.324	3.077	13.6	20.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
391240	2006 KP_{134}	12	7.0	268.°79	1.°3/	7.2 18
	h m	° ′			°	m
11 7	5 22.59	+24 51.3	1.754	2.616	13.1	20.8
11 17	5 15.62	+25 16.3	1.675	2.604	9.3	20.5
11 27	5 6.15	+25 37.5	1.621	2.591	5.0	20.2
12 7	4 55.16	+25 52.9	1.595	2.579	1.3	19.9
12 17	4 43.96	+26 1.8	1.597	2.566	4.9	20.2
12 27	4 33.96	+26 5.5	1.628	2.553	9.4	20.4
1 6	4 26.32	+26 6.9	1.684	2.541	13.4	20.6
1 16	4 21.73	+26 9.0	1.761	2.528	16.8	20.8
82098	2001 FS_{14}	12	7.0	250.°60	2.°8/	6.3 18
11 7	5 19.80	+16 35.3	1.789	2.655	12.7	19.8
11 17	5 13.34	+16 2.7	1.721	2.651	9.0	19.6
11 27	5 4.82	+15 31.4	1.678	2.647	5.1	19.4
12 7	4 55.18	+15 3.8	1.662	2.642	2.8	19.2
12 17	4 45.54	+14 42.4	1.676	2.637	5.7	19.4
12 27	4 37.09	+14 29.4	1.717	2.633	9.6	19.6
1 6	4 30.74	+14 26.3	1.782	2.628	13.3	19.8
1 16	4 27.03	+14 33.2	1.869	2.623	16.4	20.0
225155	2008 GO_{65}	12	7.0	188.°96	2.°5/	7.5 18
11 7	5 25.66	+28 45.6	1.759	2.612	13.5	21.7
11 17	5 17.69	+29 7.2	1.690	2.612	9.7	21.5
11 27	5 7.16	+29 20.2	1.645	2.611	5.6	21.2
12 7	4 55.18	+29 22.3	1.628	2.609	2.6	21.0
12 17	4 43.18	+29 13.2	1.641	2.607	5.2	21.2
12 27	4 32.61	+28 55.7	1.682	2.604	9.3	21.4
1 6	4 24.60	+28 34.3	1.748	2.601	13.2	21.7
1 16	4 19.77	+28 13.6	1.836	2.597	16.4	21.9
425485	2010 FP_{46}	12	7.0	284.°58	1.°9/	6.8 18
11 7	5 18.70	+15 25.4	2.306	3.163	10.6	20.6
11 17	5 12.34	+15 44.9	2.228	3.153	7.5	20.4
11 27	5 4.26	+16 8.4	2.176	3.144	4.2	20.2
12 7	4 55.18	+16 35.8	2.153	3.134	1.9	20.0
12 17	4 45.99	+17 6.7	2.161	3.125	4.3	20.1
12 27	4 37.62	+17 41.0	2.199	3.116	7.8	20.3
1 6	4 30.87	+18 18.4	2.263	3.106	10.9	20.5
1 16	4 26.28	+18 58.7	2.351	3.097	13.6	20.7
226453	2003 SG_{101}	12	7.0	100.°14	1.°1/	6.6 18
11 7	5 18.44	+21 13.4	2.292	3.151	10.6	20.5
11 17	5 11.94	+20 34.1	2.234	3.163	7.3	20.3
11 27	5 3.92	+19 52.3	2.204	3.175	3.8	20.1
12 7	4 55.18	+19 9.8	2.202	3.186	1.1	19.9
12 17	4 46.61	+18 29.1	2.231	3.197	4.0	20.1
12 27	4 39.09	+17 52.7	2.290	3.209	7.4	20.4
1 6	4 33.28	+17 23.1	2.376	3.219	10.5	20.6
1 16	4 29.59	+17 1.4	2.484	3.230	13.0	20.8
408600	2013 ME_{6}	12	7.0	119.°66	4.°2/	5.7 18
11 7	5 17.34	+ 9 16.0	2.520	3.367	10.1	21.2
11 17	5 11.04	+ 8 43.5	2.468	3.382	7.5	21.0
11 27	5 3.42	+ 8 17.5	2.443	3.396	5.1	20.9
12 7	4 55.19	+ 8 0.0	2.447	3.410	4.2	20.9
12 17	4 47.07	+ 7 52.5	2.482	3.423	5.6	21.0
12 27	4 39.84	+ 7 55.6	2.545	3.436	8.0	21.2
1 6	4 34.07	+ 8 9.0	2.634	3.449	10.5	21.4
1 16	4 30.15	+ 8 31.6	2.745	3.462	12.6	21.5
156905	2003 EA_{33}	12	7.0	278.°58	1.°4/	7.3 18
11 7	5 22.92	+26 5.8	1.592	2.457	14.1	20.8
11 17	5 16.10	+26 13.3	1.509	2.439	10.1	20.5
11 27	5 6.50	+26 14.2	1.451	2.421	5.5	20.2
12 7	4 55.20	+26 6.9	1.419	2.403	1.4	19.9
12 17	4 43.62	+25 51.8	1.416	2.385	5.3	20.1
12 27	4 33.39	+25 31.7	1.439	2.367	10.2	20.3
1 6	4 25.75	+25 11.0	1.487	2.348	14.6	20.5
1 16	4 21.46	+24 53.8	1.555	2.330	18.3	20.7
402612	2006 SY_{259}	12	7.0	104.°84	2.°2/	6.4 18
11 7	5 19.73	+17 47.5	1.905	2.769	12.1	21.5
11 17	5 13.11	+17 15.8	1.847	2.777	8.5	21.3
11 27	5 4.62	+16 44.6	1.815	2.784	4.6	21.1
12 7	4 55.22	+16 16.0	1.811	2.792	2.2	21.0
12 17	4 45.94	+15 52.1	1.836	2.799	5.1	21.2
12 27	4 37.87	+15 35.2	1.890	2.807	8.8	21.4
1 6	4 31.80	+15 26.8	1.969	2.814	12.3	21.7
1 16	4 28.20	+15 27.4	2.069	2.821	15.1	21.9
162821	2001 BV_{42}	12	7.0	234.°47	0.°6/	7.2 18
11 7	5 21.70	+26 6.6	1.850	2.710	12.6	19.3
11 17	5 14.72	+25 38.2	1.776	2.704	8.9	19.1
11 27	5 5.56	+25 1.9	1.728	2.698	4.7	18.8
12 7	4 55.22	+24 18.4	1.707	2.692	0.6	18.5
12 17	4 44.92	+23 30.2	1.717	2.686	4.5	18.8
12 27	4 35.91	+22 41.5	1.755	2.680	8.8	19.1
1 6	4 29.14	+21 56.9	1.818	2.673	12.7	19.3
1 16	4 25.16	+21 19.7	1.903	2.666	15.9	19.5

42540 1995 WX_{17} 12 7.0 132.°23 1.°5/ 7.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.88	+26 52.7	1.873	2.730	12.7	20.4
11 17	5 15.48	+26 58.4	1.812	2.738	9.0	20.2
11 27	5 5.91	+26 57.2	1.776	2.745	4.9	20.0
12 7	4 55.22	+26 48.1	1.769	2.752	1.5	19.7
12 17	4 44.64	+26 32.1	1.791	2.759	4.5	20.0
12 27	4 35.41	+26 11.8	1.841	2.766	8.5	20.2
1 6	4 28.46	+25 50.8	1.918	2.772	12.1	20.5
1 16	4 24.31	+25 32.7	2.016	2.778	15.1	20.7

104542 2000 GU_{58} 12 7.0 353.°35 3.°2/ 7.6 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 19.19	+29 42.5	1.755	2.617	13.1	18.9
11 17	5 13.24	+30 17.5	1.687	2.612	9.6	18.6
11 27	5 4.92	+30 44.3	1.643	2.608	5.7	18.4
12 7	4 55.22	+31 0.5	1.626	2.605	3.2	18.3
12 17	4 45.42	+31 5.1	1.637	2.602	5.3	18.4
12 27	4 36.91	+31 0.0	1.675	2.601	9.1	18.6
1 6	4 30.75	+30 49.0	1.738	2.600	12.8	18.8
1 16	4 27.55	+30 36.0	1.822	2.600	15.9	19.0

417413 2006 JF_{48} 12 7.0 211.°77 2.°3/ 7.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 20.52	+29 36.4	2.706	3.547	9.7	21.5
11 17	5 13.55	+30 12.0	2.627	3.542	7.0	21.4
11 27	5 4.88	+30 41.7	2.575	3.537	4.2	21.2
12 7	4 55.22	+31 3.8	2.554	3.531	2.4	21.0
12 17	4 45.45	+31 17.4	2.564	3.526	4.0	21.1
12 27	4 36.50	+31 23.2	2.604	3.520	6.8	21.3
1 6	4 29.14	+31 23.5	2.672	3.513	9.5	21.5
1 16	4 23.91	+31 21.0	2.763	3.507	11.9	21.7

406010 2006 SX_{404} 12 7.0 140.°55 6.°0/ 5.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 18.64	+ 6 51.3	2.056	2.903	12.1	21.8
11 17	5 12.20	+ 5 51.3	2.000	2.910	9.2	21.6
11 27	5 4.12	+ 5 0.4	1.971	2.916	6.8	21.5
12 7	4 55.22	+ 4 22.6	1.969	2.921	6.1	21.5
12 17	4 46.44	+ 4 0.5	1.996	2.927	7.6	21.6
12 27	4 38.71	+ 3 55.4	2.051	2.932	10.2	21.8
1 6	4 32.74	+ 4 6.4	2.129	2.937	12.9	21.9
1 16	4 28.99	+ 4 31.5	2.229	2.942	15.2	22.1

181377 2006 SU_{13} 12 7.0 56.°96 3.°8/ 7.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 26.85	+29 49.5	1.179	2.050	17.5	19.9
11 17	5 18.99	+30 23.0	1.141	2.070	12.6	19.7
11 27	5 7.89	+30 43.5	1.124	2.091	7.4	19.5
12 7	4 55.23	+30 47.5	1.132	2.111	3.8	19.3
12 17	4 43.01	+30 35.5	1.165	2.132	6.6	19.6
12 27	4 33.13	+30 12.4	1.224	2.154	11.3	19.9
1 6	4 26.76	+29 45.1	1.306	2.175	15.6	20.2
1 16	4 24.34	+29 19.6	1.406	2.197	19.2	20.5

493437 2014 WO_{336} 12 7.0 347.°09 6.°3/ 4.6 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 15.36	+ 6 4.7	2.103	2.954	11.7	21.2
11 17	5 9.97	+ 4 56.7	2.042	2.951	9.1	21.0
11 27	5 3.01	+ 3 57.7	2.006	2.948	6.9	20.9
12 7	4 55.22	+ 3 12.0	1.998	2.945	6.4	20.8
12 17	4 47.48	+ 2 42.9	2.017	2.943	7.9	20.9
12 27	4 40.66	+ 2 31.9	2.064	2.941	10.3	21.1
1 6	4 35.47	+ 2 38.3	2.133	2.940	12.9	21.2
1 16	4 32.38	+ 3 0.1	2.223	2.938	15.2	21.4

199564 2006 ES_{41} 12 7.0 217.°24 4.°1/ 5.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 16.22	+10 13.9	2.622	3.471	9.7	20.3
11 17	5 10.35	+ 9 26.0	2.550	3.465	7.2	20.2
11 27	5 3.15	+ 8 42.8	2.506	3.459	4.9	20.0
12 7	4 55.23	+ 8 6.8	2.491	3.453	4.1	19.9
12 17	4 47.32	+ 7 40.5	2.506	3.447	5.6	20.0
12 27	4 40.17	+ 7 25.2	2.550	3.440	8.1	20.2
1 6	4 34.40	+ 7 21.5	2.620	3.433	10.6	20.3
1 16	4 30.41	+ 7 28.6	2.712	3.426	12.8	20.5

152746 1998 YH_{15} 12 7.0 41.°46 0.°7/ 7.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.99	+24 35.8	1.149	2.031	17.0	20.0
11 17	5 16.16	+24 34.0	1.110	2.048	11.9	19.8
11 27	5 6.39	+24 25.7	1.094	2.067	6.2	19.6
12 7	4 55.24	+24 10.6	1.102	2.087	0.7	19.2
12 17	4 44.52	+23 50.9	1.136	2.107	5.8	19.7
12 27	4 35.93	+23 30.8	1.194	2.128	11.1	20.0
1 6	4 30.57	+23 14.4	1.275	2.149	15.6	20.3
1 16	4 28.83	+23 4.6	1.375	2.171	19.2	20.7

399959 2006 BK_{21} 12 7.0 12.°95 6.°4/ 6.0 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 17.43	+ 5 20.5	1.822	2.674	13.2	19.9
11 17	5 11.59	+ 4 59.4	1.765	2.676	10.1	19.7
11 27	5 3.90	+ 4 51.2	1.732	2.679	7.4	19.6
12 7	4 55.23	+ 4 58.6	1.726	2.681	6.4	19.5
12 17	4 46.62	+ 5 22.7	1.747	2.685	7.9	19.6
12 27	4 39.11	+ 6 2.8	1.794	2.688	10.7	19.8
1 6	4 33.50	+ 6 56.4	1.866	2.692	13.6	20.0
1 16	4 30.31	+ 8 0.3	1.958	2.697	16.2	20.2

418552 2008 SJ_{119} 12 7.0 30.°65 2.°9/ 7.7 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 19.81	+30 56.6	2.251	3.099	11.2	21.3
11 17	5 13.24	+31 21.9	2.183	3.100	8.1	21.1
11 27	5 4.77	+31 39.0	2.141	3.102	5.0	20.9
12 7	4 55.25	+31 46.2	2.127	3.104	2.9	20.8
12 17	4 45.71	+31 43.1	2.143	3.105	4.5	20.9
12 27	4 37.24	+31 31.7	2.188	3.107	7.7	21.1
1 6	4 30.69	+31 15.1	2.259	3.109	10.7	21.3
1 16	4 26.59	+30 56.9	2.353	3.111	13.3	21.5

26659 Skirda 12 7.0 41.°90 4.°0/ 6.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.18	+16 4.1	1.035	1.923	17.9	17.6
11 17	5 15.64	+15 27.7	0.999	1.939	12.7	17.4
11 27	5 6.14	+14 56.3	0.984	1.956	7.2	17.1
12 7	4 55.25	+14 33.4	0.993	1.973	4.0	17.0
12 17	4 44.81	+14 22.1	1.026	1.991	7.7	17.3
12 27	4 36.52	+14 24.3	1.083	2.010	12.7	17.6
1 6	4 31.46	+14 39.9	1.161	2.029	17.2	18.0
1 16	4 30.04	+15 7.1	1.256	2.049	20.9	18.3

321287 2009 FK_{17} 12 7.0 177.°45 1.°4/ 6.7 16

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 25.12	+19 49.6	1.629	2.492	13.9	22.1
11 17	5 17.24	+19 36.4	1.565	2.494	9.8	21.9
11 27	5 6.92	+19 22.0	1.525	2.496	5.1	21.6
12 7	4 55.27	+19 7.1	1.513	2.497	1.4	21.4
12 17	4 43.68	+18 53.5	1.530	2.497	5.3	21.6
12 27	4 33.56	+18 43.4	1.576	2.497	10.0	21.9
1 6	4 25.95	+18 39.4	1.646	2.496	14.0	22.2
1 16	4 21.42	+18 42.8	1.736	2.494	17.4	22.4

236310 2006 BU_{20} 12 7.0 342.°12 0.°1/ 7.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 19.77	+23 30.1	1.258	2.140	15.8	20.8
11 17	5 14.15	+23 22.3	1.193	2.132	11.2	20.5
11 27	5 5.56	+23 9.3	1.150	2.124	5.8	20.2
12 7	4 55.27	+22 51.3	1.132	2.117	0.1	19.7
12 17	4 44.90	+22 30.3	1.139	2.111	5.8	20.2
12 27	4 36.19	+22 9.9	1.172	2.106	11.3	20.5
1 6	4 30.44	+21 54.2	1.226	2.101	16.1	20.7
1 16	4 28.29	+21 46.1	1.300	2.098	20.1	21.0

383024 2005 NQ_{50} 12 7.0 344.°46 1.°8/ 7.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.01	+28 14.6	1.344	2.214	15.8	20.7
11 17	5 16.26	+27 57.4	1.280	2.212	11.3	20.5
11 27	5 6.57	+27 28.5	1.240	2.210	6.2	20.2
12 7	4 55.28	+26 47.6	1.225	2.208	1.9	19.9
12 17	4 44.08	+25 57.6	1.236	2.207	5.7	20.1
12 27	4 34.70	+25 4.3	1.274	2.205	10.8	20.4
1 6	4 28.33	+24 14.4	1.335	2.205	15.4	20.7
1 16	4 25.56	+23 32.8	1.415	2.204	19.2	20.9

355503 2007 YP_{10} 12 7.0 154.°49 5.°2/ 8.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 24.81	+39 19.7	2.214	3.033	12.4	21.2
11 17	5 16.80	+39 33.6	2.147	3.038	9.6	21.0
11 27	5 6.60	+39 31.7	2.105	3.043	6.9	20.8
12 7	4 55.28	+39 11.6	2.091	3.048	5.3	20.8
12 17	4 44.10	+38 33.7	2.106	3.052	6.1	20.8
12 27	4 34.33	+37 41.9	2.150	3.056	8.5	21.0
1 6	4 26.89	+36 41.9	2.220	3.060	11.2	21.2
1 16	4 22.29	+35 40.0	2.313	3.063	13.7	21.3

207539 2006 KR_{54} 12 7.0 136.°41 1.°7/ 6.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 20.99	+18 46.5	1.840	2.704	12.5	21.0
11 17	5 14.11	+18 27.9	1.779	2.709	8.8	20.8
11 27	5 5.22	+18 9.3	1.744	2.714	4.7	20.6
12 7	4 55.29	+17 52.0	1.736	2.719	1.7	20.4
12 17	4 45.45	+17 37.5	1.758	2.724	4.9	20.6
12 27	4 36.86	+17 28.0	1.808	2.728	9.0	20.9
1 6	4 30.38	+17 25.1	1.884	2.732	12.6	21.1
1 16	4 26.52	+17 29.5	1.980	2.736	15.5	21.3

18271 2332 $T\text{-}_3$ 12 7.0 236.°61 2.°1/ 6.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 21.17	+18 43.6	1.731	2.597	13.0	18.0
11 17	5 14.42	+18 8.4	1.660	2.591	9.2	17.8
11 27	5 5.47	+17 32.2	1.615	2.585	5.0	17.5
12 7	4 55.29	+16 57.2	1.596	2.579	2.2	17.3
12 17	4 45.12	+16 26.1	1.607	2.572	5.5	17.5
12 27	4 36.20	+16 2.0	1.646	2.565	9.8	17.8
1 6	4 29.51	+15 47.2	1.709	2.558	13.6	18.0
1 16	4 25.61	+15 42.8	1.793	2.551	16.9	18.2

391577 2007 TW_{268} 12 7.0 177.°43 1.°8/ 7.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.86	+27 25.3	2.029	2.882	12.0	21.7
11 17	5 15.46	+27 39.2	1.960	2.883	8.6	21.4
11 27	5 5.96	+27 46.5	1.917	2.884	4.7	21.2
12 7	4 55.30	+27 45.8	1.902	2.885	1.8	21.0
12 17	4 44.64	+27 37.2	1.918	2.885	4.4	21.2
12 27	4 35.19	+27 23.1	1.962	2.885	8.2	21.4
1 6	4 27.87	+27 6.7	2.033	2.884	11.7	21.7
1 16	4 23.23	+26 51.5	2.126	2.883	14.6	21.9

369173 2008 SC_{146} 12 7.0 250.°88 0.°5/ 6.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.68	+22 18.6	2.316	3.175	10.4	20.9
11 17	5 11.58	+21 52.3	2.243	3.172	7.3	20.7
11 27	5 3.86	+21 22.8	2.198	3.170	3.7	20.5
12 7	4 55.29	+20 51.2	2.182	3.167	0.5	20.2
12 17	4 46.76	+20 19.3	2.196	3.164	3.9	20.5
12 27	4 39.19	+19 49.7	2.240	3.161	7.4	20.7
1 6	4 33.28	+19 24.7	2.310	3.158	10.6	20.9
1 16	4 29.52	+19 6.1	2.403	3.155	13.2	21.1

220085 2002 SH_6 12 7.0 14.°89 5.°0/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.98	+31 19.3	1.255	2.122	16.9	19.4
11 17	5 18.04	+32 14.9	1.198	2.124	12.5	19.2
11 27	5 7.67	+32 58.5	1.163	2.126	7.9	18.9
12 7	4 55.31	+33 24.4	1.153	2.129	5.0	18.8
12 17	4 42.90	+33 30.4	1.168	2.132	7.3	18.9
12 27	4 32.48	+33 19.6	1.209	2.135	11.8	19.2
1 6	4 25.50	+32 59.0	1.272	2.140	16.1	19.4
1 16	4 22.63	+32 35.5	1.353	2.144	19.8	19.7

220081 2002 RC_{230} 12 7.0 31.°38 3.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.02	+14 26.5	1.017	1.905	18.2	19.4
11 17	5 15.68	+14 45.0	0.980	1.920	12.9	19.1
11 27	5 6.26	+15 12.6	0.964	1.936	7.2	18.9
12 7	4 55.30	+15 49.1	0.971	1.953	3.4	18.7
12 17	4 44.67	+16 32.8	1.003	1.971	7.2	19.0
12 27	4 36.16	+17 22.4	1.058	1.990	12.4	19.4
1 6	4 30.95	+18 16.1	1.135	2.010	17.1	19.7
1 16	4 29.49	+19 12.5	1.230	2.031	20.8	20.0

421536 2014 OU_{156} 12 7.0 187.°42 2.°3/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.32	+14 58.3	2.259	3.113	10.9	21.3
11 17	5 13.43	+15 2.2	2.188	3.112	7.7	21.1
11 27	5 4.84	+15 9.7	2.145	3.112	4.4	20.9
12 7	4 55.31	+15 21.2	2.131	3.110	2.3	20.8
12 17	4 45.75	+15 37.1	2.147	3.109	4.6	20.9
12 27	4 37.12	+15 57.7	2.193	3.107	8.0	21.1
1 6	4 30.20	+16 23.1	2.266	3.104	11.1	21.3
1 16	4 25.49	+16 53.3	2.362	3.102	13.8	21.5

212297 2005 NV_{22} 12 7.0 115.°90 3.°1/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.72	+14 35.9	1.921	2.783	12.2	20.6
11 17	5 13.13	+14 14.7	1.862	2.789	8.7	20.4
11 27	5 4.70	+13 57.3	1.829	2.795	5.1	20.2
12 7	4 55.31	+13 45.4	1.823	2.801	3.1	20.1
12 17	4 46.01	+13 40.6	1.847	2.807	5.5	20.2
12 27	4 37.86	+13 44.0	1.900	2.813	9.1	20.4
1 6	4 31.67	+13 56.1	1.977	2.818	12.4	20.7
1 16	4 27.91	+14 16.5	2.076	2.824	15.2	20.9

151876 2003 NH_7 12 7.0 176.°44 4.°4/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.40	+38 10.6	2.528	3.347	11.0	20.3
11 17	5 14.94	+38 21.1	2.455	3.349	8.5	20.2
11 27	5 5.62	+38 18.3	2.409	3.350	6.0	20.0
12 7	4 55.31	+38 0.5	2.391	3.351	4.5	19.9
12 17	4 45.09	+37 28.0	2.402	3.351	5.3	20.0
12 27	4 36.00	+36 43.7	2.444	3.351	7.6	20.1
1 6	4 28.88	+35 52.3	2.512	3.351	10.1	20.3
1 16	4 24.23	+34 58.8	2.604	3.351	12.4	20.4

212271 2005 JO_{140} 12 7.0 243.°70 4.°9/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.08	+ 9 55.2	2.075	2.928	11.8	20.9
11 17	5 12.71	+ 9 10.3	1.999	2.916	8.8	20.7
11 27	5 4.52	+ 8 31.4	1.948	2.903	6.0	20.5
12 7	4 55.32	+ 8 1.8	1.926	2.890	4.9	20.4
12 17	4 46.05	+ 7 44.3	1.933	2.877	6.8	20.5
12 27	4 37.72	+ 7 40.4	1.967	2.863	9.8	20.7
1 6	4 31.14	+ 7 50.2	2.027	2.849	12.9	20.9
1 16	4 26.86	+ 8 12.5	2.108	2.834	15.6	21.0

488609 2002 RE_{209} 12 7.0 106.°68 8.°9/ 3.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.23	− 9 7.1	2.735	3.513	11.4	21.9
11 17	5 10.21	−10 13.3	2.702	3.532	10.0	21.8
11 27	5 3.03	−11 2.2	2.694	3.551	9.1	21.8
12 7	4 55.32	−11 30.4	2.710	3.569	8.9	21.8
12 17	4 47.75	−11 36.5	2.753	3.587	9.5	21.9
12 27	4 40.99	−11 20.9	2.821	3.605	10.7	22.0
1 6	4 35.57	−10 46.4	2.911	3.622	12.0	22.1
1 16	4 31.83	− 9 56.3	3.019	3.639	13.2	22.3

494138 2016 CJ_{198} 12 7.0 112.°54 0.°8/ 7.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.48	+26 7.6	2.557	3.411	9.8	21.3
11 17	5 11.35	+26 0.1	2.490	3.415	6.9	21.2
11 27	5 3.72	+25 47.6	2.449	3.419	3.7	21.0
12 7	4 55.33	+25 30.2	2.438	3.422	0.8	20.7
12 17	4 46.99	+25 8.9	2.458	3.426	3.4	21.0
12 27	4 39.57	+24 45.9	2.507	3.430	6.6	21.2
1 6	4 33.71	+24 23.4	2.584	3.434	9.5	21.4
1 16	4 29.87	+24 3.8	2.684	3.438	11.9	21.5

474733 2005 NH_{17} 12 7.0 70.°75 1.°9/ 6.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.06	+18 39.0	1.346	2.218	15.7	21.6
11 17	5 17.17	+18 28.6	1.310	2.244	10.9	21.4
11 27	5 6.80	+18 19.1	1.297	2.269	5.7	21.2
12 7	4 55.34	+18 11.6	1.311	2.295	1.9	21.0
12 17	4 44.33	+18 7.3	1.352	2.320	5.8	21.3
12 27	4 35.23	+18 8.3	1.420	2.345	10.5	21.7
1 6	4 28.97	+18 15.9	1.512	2.370	14.6	22.0
1 16	4 25.95	+18 30.5	1.623	2.394	17.8	22.3

385044 2012 UH_{10} 12 7.0 123.°79 0.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.72	+24 25.6	1.854	2.710	12.8	21.4
11 17	5 16.68	+24 28.8	1.800	2.727	8.9	21.2
11 27	5 6.53	+24 27.0	1.772	2.742	4.7	20.9
12 7	4 55.34	+24 19.7	1.772	2.757	0.6	20.7
12 17	4 44.36	+24 7.8	1.803	2.772	4.4	21.0
12 27	4 34.80	+23 53.8	1.863	2.786	8.5	21.3
1 6	4 27.56	+23 40.8	1.948	2.799	12.1	21.5
1 16	4 23.12	+23 31.5	2.056	2.811	15.1	21.7

257718 1999 XY_{150} 12 7.0 77.°12 0.°8/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.69	+21 59.5	2.092	2.954	11.3	20.5
11 17	5 12.33	+21 25.9	2.031	2.961	7.9	20.3
11 27	5 4.26	+20 48.9	1.996	2.968	4.0	20.0
12 7	4 55.34	+20 10.4	1.990	2.974	0.8	19.8
12 17	4 46.56	+19 32.6	2.014	2.981	4.2	20.1
12 27	4 38.89	+18 58.5	2.067	2.988	7.9	20.3
1 6	4 33.09	+18 30.6	2.146	2.995	11.2	20.5
1 16	4 29.58	+18 10.6	2.247	3.002	13.9	20.7

474743 2005 ON_8 12 7.1 97.°88 5.°7/ 6.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.13	+ 8 36.3	1.624	2.478	14.4	22.0
11 17	5 16.17	+ 8 4.9	1.586	2.503	10.7	21.9
11 27	5 6.21	+ 7 44.4	1.573	2.527	7.2	21.7
12 7	4 55.35	+ 7 37.4	1.587	2.551	5.7	21.7
12 17	4 44.86	+ 7 45.3	1.629	2.574	7.6	21.9
12 27	4 35.89	+ 8 7.8	1.698	2.597	10.9	22.1
1 6	4 29.27	+ 8 43.0	1.791	2.619	14.1	22.4
1 16	4 25.42	+ 9 28.2	1.905	2.640	16.8	22.6

511814 2015 FN_{142} 12 7.1 164.°66 2.°2/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.89	+28 50.9	1.998	2.844	12.4	22.3
11 17	5 17.58	+29 4.4	1.931	2.850	8.9	22.1
11 27	5 7.06	+29 9.5	1.891	2.856	5.1	21.9
12 7	4 55.36	+29 4.6	1.880	2.861	2.2	21.7
12 17	4 43.74	+28 49.9	1.900	2.865	4.6	21.9
12 27	4 33.45	+28 28.2	1.948	2.869	8.4	22.1
1 6	4 25.46	+28 3.7	2.024	2.871	11.9	22.3
1 16	4 20.32	+27 40.3	2.121	2.873	14.8	22.6

446916 2002 SF_{70} 12 7.1 152.°89 5.°0/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.01	+38 29.0	2.405	3.220	11.6	22.9
11 17	5 17.56	+39 0.3	2.340	3.230	9.0	22.7
11 27	5 7.02	+39 17.8	2.302	3.239	6.5	22.6
12 7	4 55.37	+39 18.7	2.291	3.247	5.0	22.5
12 17	4 43.79	+39 2.6	2.311	3.255	5.8	22.5
12 27	4 33.49	+38 32.2	2.360	3.262	8.1	22.7
1 6	4 25.38	+37 52.5	2.436	3.268	10.7	22.9
1 16	4 19.98	+37 8.9	2.535	3.274	12.9	23.1

22641 1998 MX_{34} 12 7.1 159.°53 2.°1/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.61	+30 48.6	2.074	2.919	12.1	18.9
11 17	5 15.85	+30 23.6	2.007	2.925	8.7	18.7
11 27	5 6.10	+29 47.5	1.965	2.930	5.0	18.5
12 7	4 55.37	+29 0.3	1.953	2.934	2.1	18.3
12 17	4 44.83	+28 4.3	1.971	2.938	4.4	18.5
12 27	4 35.63	+27 4.1	2.019	2.941	8.0	18.7
1 6	4 28.62	+26 4.8	2.093	2.944	11.4	19.0
1 16	4 24.26	+25 10.8	2.191	2.947	14.2	19.2

412787 2014 PE_{17} 12 7.1 84.°64 1.°6/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.25	+18 14.3	2.030	2.893	11.6	21.4
11 17	5 12.76	+18 4.1	1.973	2.903	8.1	21.2
11 27	5 4.51	+17 54.6	1.943	2.913	4.3	20.9
12 7	4 55.38	+17 46.8	1.940	2.923	1.6	20.8
12 17	4 46.35	+17 41.7	1.968	2.933	4.5	21.0
12 27	4 38.44	+17 40.9	2.024	2.943	8.2	21.2
1 6	4 32.42	+17 45.3	2.106	2.953	11.5	21.5
1 16	4 28.74	+17 55.5	2.210	2.963	14.2	21.7

191626 2004 NF_{15} 12 7.1 66.°32 1.°3/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.31	+27 17.4	1.420	2.288	15.3	19.8
11 17	5 16.75	+26 55.8	1.376	2.306	10.8	19.6
11 27	5 6.64	+26 24.5	1.355	2.325	5.7	19.3
12 7	4 55.39	+25 44.2	1.360	2.345	1.3	19.1
12 17	4 44.56	+24 58.1	1.393	2.364	5.2	19.4
12 27	4 35.62	+24 11.4	1.454	2.383	9.9	19.7
1 6	4 29.53	+23 29.4	1.538	2.402	14.0	20.0
1 16	4 26.72	+22 55.8	1.643	2.421	17.3	20.3

460735 2014 VF_{17} 12 7.1 337.°70 5.°9/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.14	+36 38.3	1.994	2.829	12.9	20.2
11 17	5 16.16	+37 50.6	1.921	2.822	10.0	20.0
11 27	5 6.58	+38 51.2	1.874	2.816	7.3	19.8
12 7	4 55.40	+39 35.1	1.853	2.810	5.9	19.7
12 17	4 43.92	+39 59.5	1.861	2.805	7.0	19.8
12 27	4 33.65	+40 5.2	1.896	2.800	9.7	20.0
1 6	4 25.78	+39 56.7	1.956	2.795	12.6	20.1
1 16	4 21.05	+39 39.8	2.038	2.791	15.2	20.3

212070 2005 EP_{53} 12 7.1 317.°31 3.°2/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.43	+15 48.3	1.557	2.429	13.9	20.4
11 17	5 13.45	+15 24.1	1.487	2.420	9.9	20.1
11 27	5 5.10	+15 3.0	1.441	2.410	5.7	19.9
12 7	4 55.40	+14 47.3	1.421	2.401	3.2	19.7
12 17	4 45.60	+14 39.0	1.429	2.392	6.2	19.9
12 27	4 37.09	+14 40.2	1.464	2.384	10.6	20.1
1 6	4 30.90	+14 51.7	1.522	2.376	14.7	20.3
1 16	4 27.67	+15 13.2	1.599	2.369	18.1	20.5

214967 2007 YD_{62} 12 7.1 129.°04 4.°0/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.74	+35 14.9	2.221	3.053	11.9	20.7
11 17	5 15.97	+35 27.1	2.160	3.065	8.9	20.5
11 27	5 6.19	+35 26.7	2.125	3.076	5.9	20.3
12 7	4 55.41	+35 12.0	2.118	3.087	4.0	20.2
12 17	4 44.79	+34 43.5	2.141	3.097	5.2	20.3
12 27	4 35.48	+34 4.6	2.193	3.107	7.9	20.5
1 6	4 28.33	+33 20.1	2.272	3.117	10.8	20.7
1 16	4 23.84	+32 34.9	2.373	3.126	13.4	20.9

69905 1998 SA_{146} 12 7.1 323.°07 3.°4/ 5.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.00	+14 15.8	2.100	2.962	11.3	19.2
11 17	5 11.21	+13 32.9	2.032	2.959	8.1	19.0
11 27	5 3.74	+12 52.9	1.991	2.956	4.9	18.8
12 7	4 55.40	+12 18.3	1.978	2.952	3.4	18.7
12 17	4 47.08	+11 51.9	1.994	2.950	5.6	18.8
12 27	4 39.73	+11 35.6	2.038	2.947	8.8	19.0
1 6	4 34.10	+11 30.2	2.108	2.944	11.9	19.2
1 16	4 30.67	+11 35.6	2.199	2.941	14.6	19.4

434807 2006 RX_{78} 12 7.1 4.°40 1.°0/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.53	+24 22.3	1.026	1.916	17.8	20.9
11 17	5 15.09	+24 33.9	0.973	1.915	12.6	20.6
11 27	5 6.21	+24 39.7	0.941	1.915	6.7	20.3
12 7	4 55.41	+24 38.5	0.932	1.917	1.1	19.9
12 17	4 44.64	+24 30.9	0.946	1.919	6.4	20.3
12 27	4 35.96	+24 20.6	0.985	1.923	12.3	20.6
1 6	4 30.74	+24 12.2	1.043	1.928	17.4	20.9
1 16	4 29.62	+24 8.9	1.119	1.934	21.6	21.2

47827 2000 EJ_{105} 12 7.1 78.°17 3.°1/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.11	+12 13.9	2.299	3.153	10.7	18.3
11 17	5 11.77	+12 10.3	2.248	3.169	7.7	18.1
11 27	5 3.94	+12 12.1	2.223	3.186	4.7	18.0
12 7	4 55.40	+12 20.3	2.228	3.202	3.1	17.9
12 17	4 46.98	+12 35.4	2.262	3.218	5.0	18.0
12 27	4 39.52	+12 57.4	2.325	3.234	7.9	18.2
1 6	4 33.68	+13 25.8	2.415	3.250	10.6	18.4
1 16	4 29.87	+13 59.9	2.528	3.266	13.0	18.6

225443 2000 DO_{26} 12 7.1 295.°97 0.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.79	+24 47.0	2.127	2.986	11.2	20.8
11 17	5 12.73	+24 43.6	2.035	2.963	8.0	20.6
11 27	5 4.67	+24 35.5	1.970	2.940	4.2	20.3
12 7	4 55.41	+24 22.4	1.933	2.918	0.6	20.0
12 17	4 45.95	+24 5.3	1.925	2.895	4.1	20.2
12 27	4 37.41	+23 46.1	1.947	2.872	8.1	20.4
1 6	4 30.71	+23 27.9	1.994	2.849	11.7	20.6
1 16	4 26.48	+23 13.1	2.064	2.826	14.8	20.8

381751 2009 SQ_{127} 12 7.1 138.°36 0.°1/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.08	+23 18.6	1.802	2.660	13.0	21.3
11 17	5 16.98	+23 1.4	1.745	2.673	9.1	21.1
11 27	5 6.73	+22 39.6	1.714	2.685	4.7	20.8
12 7	4 55.43	+22 13.6	1.712	2.697	0.1	20.5
12 17	4 44.34	+21 45.5	1.740	2.708	4.6	20.9
12 27	4 34.72	+21 18.5	1.796	2.719	8.9	21.1
1 6	4 27.46	+20 55.8	1.879	2.728	12.6	21.4
1 16	4 23.04	+20 39.7	1.983	2.737	15.6	21.6

335505 2005 YZ_{72} 12 7.1 68.°40 0.°7/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.10	+24 21.9	1.409	2.278	15.3	20.4
11 17	5 17.29	+24 25.6	1.370	2.302	10.7	20.2
11 27	5 6.94	+24 23.7	1.353	2.325	5.5	19.9
12 7	4 55.43	+24 15.6	1.364	2.349	0.7	19.7
12 17	4 44.32	+24 2.7	1.402	2.372	5.2	20.0
12 27	4 35.10	+23 48.1	1.467	2.395	9.9	20.4
1 6	4 28.73	+23 35.7	1.556	2.419	14.0	20.7
1 16	4 25.65	+23 28.0	1.666	2.442	17.2	21.0

473705 2015 YW_8 12 7.1 302.°00 2.°0/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.01	+30 22.0	2.050	2.902	11.9	21.0
11 17	5 13.67	+29 56.2	1.955	2.877	8.7	20.7
11 27	5 5.18	+29 18.9	1.885	2.851	5.0	20.5
12 7	4 55.42	+28 30.0	1.844	2.825	2.1	20.2
12 17	4 45.53	+27 31.3	1.832	2.800	4.5	20.3
12 27	4 36.71	+26 27.1	1.849	2.774	8.4	20.5
1 6	4 29.96	+25 22.8	1.892	2.749	12.1	20.7
1 16	4 25.87	+24 23.4	1.958	2.724	15.4	20.9

204555 2005 EY_{249} 12 7.1 156.°64 4.°2/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.67	+11 9.5	1.911	2.766	12.5	20.5
11 17	5 13.85	+10 52.6	1.849	2.770	9.1	20.3
11 27	5 5.14	+10 42.8	1.813	2.773	5.8	20.1
12 7	4 55.43	+10 42.0	1.805	2.776	4.2	20.0
12 17	4 45.76	+10 51.2	1.826	2.779	6.2	20.1
12 27	4 37.22	+11 11.0	1.875	2.782	9.6	20.3
1 6	4 30.64	+11 40.6	1.950	2.784	12.8	20.5
1 16	4 26.52	+12 18.7	2.045	2.786	15.6	20.7

391146 2005 YF_{67} 12 7.1 305.°11 3.°7/ 7.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.86	+31 53.1	1.463	2.325	15.3	21.1
11 17	5 16.32	+31 54.8	1.386	2.310	11.3	20.8
11 27	5 6.77	+31 42.2	1.332	2.296	6.9	20.5
12 7	4 55.43	+31 13.1	1.303	2.282	3.7	20.3
12 17	4 43.95	+30 28.4	1.301	2.268	6.1	20.4
12 27	4 34.08	+29 33.1	1.326	2.255	10.7	20.7
1 6	4 27.16	+28 34.8	1.374	2.241	15.1	20.9
1 16	4 23.87	+27 40.3	1.441	2.229	18.9	21.1

54357 2000 KN_{33} 12 7.1 206.°85 0.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.90	+22 7.4	1.889	2.749	12.4	19.4
11 17	5 15.58	+21 50.0	1.816	2.744	8.7	19.2
11 27	5 6.11	+21 29.1	1.768	2.739	4.5	18.9
12 7	4 55.44	+21 5.2	1.748	2.733	0.5	18.6
12 17	4 44.76	+20 40.2	1.759	2.727	4.6	18.9
12 27	4 35.30	+20 16.8	1.799	2.720	8.9	19.1
1 6	4 28.00	+19 58.0	1.864	2.713	12.7	19.4
1 16	4 23.43	+19 46.0	1.951	2.705	15.8	19.6

236868 2007 RG_{226} 12 7.1 131.°86 0.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.15	+21 41.2	1.898	2.759	12.3	21.3
11 17	5 14.94	+21 36.4	1.839	2.768	8.6	21.1
11 27	5 5.71	+21 29.3	1.804	2.776	4.4	20.9
12 7	4 55.45	+21 20.1	1.799	2.784	0.4	20.6
12 17	4 45.29	+21 9.8	1.823	2.792	4.4	20.9
12 27	4 36.40	+21 0.5	1.876	2.799	8.5	21.2
1 6	4 29.64	+20 54.4	1.955	2.806	12.1	21.4
1 16	4 25.51	+20 53.3	2.056	2.813	15.0	21.6

213838 2003 RF_{27} 12 7.1 110.°92 1.°1/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.08	+20 57.3	1.524	2.388	14.6	20.9
11 17	5 17.83	+20 36.2	1.477	2.407	10.2	20.7
11 27	5 7.20	+20 12.7	1.454	2.426	5.2	20.5
12 7	4 55.46	+19 47.8	1.459	2.443	1.1	20.2
12 17	4 44.06	+19 24.0	1.493	2.461	5.3	20.6
12 27	4 34.39	+19 4.5	1.554	2.477	9.9	20.9
1 6	4 27.40	+18 51.7	1.640	2.493	13.9	21.2
1 16	4 23.54	+18 47.3	1.747	2.508	17.1	21.4

367429 2008 SD_{21} 12 7.1 147.°93 2.°2/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.04	+30 55.6	2.664	3.504	9.9	22.2
11 17	5 13.14	+30 57.9	2.597	3.511	7.1	22.0
11 27	5 4.69	+30 52.2	2.557	3.519	4.3	21.9
12 7	4 55.44	+30 37.8	2.547	3.525	2.2	21.7
12 17	4 46.28	+30 15.5	2.568	3.532	3.8	21.8
12 27	4 38.09	+29 47.4	2.619	3.538	6.6	22.0
1 6	4 31.55	+29 16.8	2.698	3.544	9.3	22.2
1 16	4 27.11	+28 46.6	2.800	3.549	11.6	22.4

20710 1999 XP_{10} 12 7.1 228.°89 1.°2/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.68	+27 55.4	2.222	3.075	11.1	18.5
11 17	5 13.11	+27 33.6	2.148	3.072	7.9	18.3
11 27	5 4.75	+27 4.1	2.101	3.069	4.3	18.0
12 7	4 55.45	+26 27.0	2.083	3.066	1.2	17.8
12 17	4 46.21	+25 44.3	2.095	3.063	3.9	18.0
12 27	4 38.05	+24 59.3	2.136	3.060	7.5	18.2
1 6	4 31.77	+24 15.8	2.204	3.057	10.8	18.4
1 16	4 27.85	+23 37.1	2.295	3.054	13.6	18.6

270121 2001 RW_{95} 12 7.1 65.°36 1.°4/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.91	+19 57.4	1.343	2.216	15.7	20.4
11 17	5 17.10	+19 46.2	1.308	2.242	10.9	20.2
11 27	5 6.82	+19 34.4	1.297	2.269	5.6	20.0
12 7	4 55.46	+19 22.8	1.312	2.296	1.4	19.8
12 17	4 44.58	+19 13.2	1.354	2.323	5.6	20.1
12 27	4 35.63	+19 7.9	1.423	2.349	10.4	20.5
1 6	4 29.51	+19 8.9	1.516	2.376	14.4	20.8
1 16	4 26.64	+19 16.9	1.628	2.402	17.7	21.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
83220	2001 RW_{29}	12	7.1	42.°59	0.°3/	7.1 18
	h m	° ′			°	m
11 7	5 20.52	+23 59.2	1.772	2.637	12.8	19.7
11 17	5 13.98	+23 54.1	1.710	2.641	9.0	19.5
11 27	5 5.29	+23 44.4	1.673	2.644	4.7	19.2
12 7	4 55.46	+23 30.2	1.663	2.648	0.3	18.9
12 17	4 45.70	+23 12.9	1.682	2.652	4.5	19.2
12 27	4 37.26	+22 55.0	1.730	2.656	8.8	19.5
1 6	4 31.05	+22 39.6	1.802	2.661	12.6	19.7
1 16	4 27.60	+22 29.0	1.896	2.665	15.7	20.0
48110	2001 FX_{72}	12	7.1	242.°41	2.°2/	6.6 18
11 7	5 20.59	+16 53.1	1.796	2.660	12.7	19.7
11 17	5 14.01	+16 43.7	1.728	2.657	9.0	19.5
11 27	5 5.32	+16 36.4	1.685	2.654	4.9	19.3
12 7	4 55.46	+16 32.5	1.670	2.652	2.2	19.1
12 17	4 45.58	+16 32.9	1.684	2.648	5.3	19.3
12 27	4 36.87	+16 39.1	1.726	2.645	9.3	19.5
1 6	4 30.27	+16 51.9	1.792	2.642	13.1	19.7
1 16	4 26.36	+17 11.6	1.880	2.639	16.2	20.0
491275	2011 UV_{335}	12	7.1	19.°03	10.°2/	7.9 18
11 7	5 26.61	+40 52.0	1.271	2.115	18.2	20.0
11 17	5 19.69	+42 46.7	1.226	2.123	14.8	19.8
11 27	5 8.79	+44 19.5	1.201	2.132	11.7	19.7
12 7	4 55.48	+45 20.2	1.200	2.143	10.2	19.6
12 17	4 42.05	+45 44.2	1.223	2.155	11.2	19.7
12 27	4 30.91	+45 35.0	1.269	2.167	13.9	19.9
1 6	4 23.76	+45 2.6	1.336	2.181	16.9	20.1
1 16	4 21.28	+44 17.8	1.421	2.196	19.7	20.4
344596	2003 CP_{24}	12	7.1	262.°96	2.°5/	7.6 18
11 7	5 24.19	+29 19.3	1.704	2.560	13.7	21.5
11 17	5 16.98	+29 25.5	1.619	2.543	10.0	21.2
11 27	5 7.05	+29 21.8	1.559	2.526	5.8	20.9
12 7	4 55.48	+29 6.2	1.527	2.508	2.6	20.7
12 17	4 43.69	+28 39.1	1.523	2.490	5.3	20.8
12 27	4 33.23	+28 3.9	1.546	2.472	9.8	21.0
1 6	4 25.34	+27 26.0	1.595	2.453	13.9	21.3
1 16	4 20.71	+26 50.6	1.665	2.434	17.5	21.5
289546	2005 EZ_{226}	12	7.1	105.°20	1.°7/	7.5 18
11 7	5 23.50	+27 48.4	2.010	2.861	12.1	21.4
11 17	5 15.77	+27 52.8	1.958	2.880	8.6	21.2
11 27	5 6.09	+27 49.7	1.932	2.899	4.7	21.0
12 7	4 55.48	+27 38.3	1.935	2.918	1.7	20.9
12 17	4 45.09	+27 19.7	1.968	2.936	4.3	21.1
12 27	4 36.06	+26 56.6	2.031	2.953	7.9	21.4
1 6	4 29.20	+26 32.8	2.119	2.971	11.3	21.6
1 16	4 24.98	+26 11.3	2.230	2.987	14.0	21.8
434168	2002 TM_{80}	12	7.1	98.°58	5.°3/	8.2 18
11 7	5 27.96	+34 33.9	1.498	2.346	15.7	20.6
11 17	5 19.67	+35 9.5	1.445	2.359	11.8	20.4
11 27	5 8.37	+35 29.1	1.416	2.371	7.8	20.2
12 7	4 55.51	+35 28.9	1.413	2.383	5.3	20.1
12 17	4 42.86	+35 8.5	1.437	2.396	6.9	20.2
12 27	4 32.18	+34 32.7	1.488	2.407	10.6	20.4
1 6	4 24.67	+33 49.0	1.563	2.419	14.3	20.7
1 16	4 20.87	+33 4.6	1.658	2.430	17.5	20.9
83881	2001 UU_{116}	12	7.1	130.°53	3.°2/	5.9 18
11 7	5 19.37	+13 38.1	2.350	3.202	10.6	20.0
11 17	5 12.61	+12 57.2	2.295	3.216	7.6	19.8
11 27	5 4.40	+12 19.7	2.267	3.229	4.6	19.6
12 7	4 55.50	+11 47.7	2.269	3.242	3.3	19.6
12 17	4 46.75	+11 23.5	2.302	3.255	5.2	19.7
12 27	4 38.98	+11 8.5	2.364	3.266	8.0	19.9
1 6	4 32.84	+11 3.4	2.452	3.278	10.8	20.1
1 16	4 28.73	+11 7.9	2.562	3.289	13.1	20.3
58023	2002 VR_{40}	12	7.1	47.°57	6.°0/	7.2 18
11 7	5 26.52	+ 8 11.8	1.055	1.927	19.0	17.5
11 17	5 18.40	+ 8 33.4	1.032	1.960	13.8	17.3
11 27	5 7.52	+ 9 11.8	1.031	1.993	8.8	17.2
12 7	4 55.52	+10 6.5	1.054	2.027	6.0	17.1
12 17	4 44.19	+11 14.2	1.103	2.062	8.4	17.4
12 27	4 35.15	+12 30.8	1.176	2.096	12.7	17.7
1 6	4 29.36	+13 52.0	1.271	2.131	16.7	18.1
1 16	4 27.15	+15 14.3	1.386	2.166	19.9	18.4
202547	2006 DP_{149}	12	7.1	81.°71	4.°3/	5.7 18
11 7	5 17.13	+10 30.8	2.232	3.086	11.0	20.5
11 17	5 11.14	+ 9 48.3	2.179	3.098	8.1	20.3
11 27	5 3.67	+ 9 11.8	2.153	3.109	5.4	20.2
12 7	4 55.50	+ 8 44.2	2.155	3.121	4.3	20.1
12 17	4 47.45	+ 8 27.5	2.187	3.132	6.0	20.2
12 27	4 40.37	+ 8 22.7	2.247	3.144	8.7	20.4
1 6	4 34.90	+ 8 29.6	2.332	3.155	11.4	20.6
1 16	4 31.46	+ 8 47.1	2.438	3.167	13.7	20.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
395914	2013 AT_{87}	12	7.1	234.°98	1.°3/	7.4 18
	h m	° ′			°	m
11 7	5 22.11	+26 9.2	1.770	2.631	13.1	21.0
11 17	5 15.23	+26 14.6	1.702	2.630	9.3	20.8
11 27	5 6.02	+26 13.8	1.658	2.628	5.0	20.5
12 7	4 55.52	+26 5.7	1.642	2.626	1.3	20.3
12 17	4 45.02	+25 51.0	1.654	2.624	4.7	20.5
12 27	4 35.83	+25 32.4	1.695	2.621	9.0	20.7
1 6	4 28.97	+25 13.7	1.761	2.619	12.8	21.0
1 16	4 25.03	+24 58.0	1.848	2.617	16.0	21.2
20699	1999 VJ_{144}	12	7.1	167.°23	0.°2/	7.0 18
11 7	5 21.98	+23 29.3	2.130	2.985	11.4	18.2
11 17	5 14.69	+23 4.0	2.063	2.989	8.0	18.0
11 27	5 5.57	+22 34.0	2.022	2.993	4.1	17.8
12 7	4 55.52	+22 0.4	2.011	2.996	0.2	17.5
12 17	4 45.58	+21 25.1	2.031	2.999	4.1	17.8
12 27	4 36.79	+20 51.2	2.080	3.001	7.9	18.0
1 6	4 29.94	+20 21.6	2.156	3.003	11.3	18.3
1 16	4 25.53	+19 58.6	2.255	3.004	14.1	18.5
329873	2005 AL_{18}	12	7.1	346.°37	13.°4/	6.1 17
11 7	5 18.35	−15 29.9	1.886	2.648	16.3	19.5
11 17	5 12.33	−16 0.9	1.831	2.641	14.8	19.4
11 27	5 4.43	−16 2.4	1.796	2.635	13.7	19.3
12 7	4 55.53	−15 29.7	1.782	2.629	13.4	19.2
12 17	4 46.66	−14 21.5	1.791	2.624	13.9	19.3
12 27	4 38.88	−12 40.7	1.823	2.620	15.2	19.3
1 6	4 33.02	−10 33.8	1.876	2.616	16.8	19.4
1 16	4 29.58	− 8 8.8	1.948	2.613	18.5	19.6
63526	2001 PO_7	12	7.1	73.°74	1.°9/	7.7 18
11 7	5 22.14	+29 23.6	1.789	2.645	13.2	18.8
11 17	5 15.08	+29 5.4	1.730	2.655	9.4	18.6
11 27	5 5.84	+28 36.9	1.697	2.664	5.3	18.4
12 7	4 55.54	+27 58.2	1.692	2.674	2.0	18.2
12 17	4 45.46	+27 11.6	1.715	2.684	4.6	18.4
12 27	4 36.86	+26 21.6	1.767	2.694	8.7	18.7
1 6	4 30.62	+25 33.3	1.844	2.703	12.3	18.9
1 16	4 27.21	+24 50.6	1.944	2.713	15.3	19.2
45955	2001 AK_{40}	12	7.1	193.°25	0.°6/	6.9 18
11 7	5 22.07	+20 46.1	2.123	2.979	11.4	19.5
11 17	5 14.87	+20 50.0	2.050	2.977	8.0	19.3
11 27	5 5.74	+20 52.6	2.004	2.975	4.1	19.1
12 7	4 55.55	+20 54.0	1.987	2.972	0.6	18.8
12 17	4 45.32	+20 54.5	2.001	2.969	4.2	19.0
12 27	4 36.13	+20 55.6	2.044	2.965	8.0	19.3
1 6	4 28.85	+20 58.8	2.114	2.961	11.5	19.5
1 16	4 24.03	+21 5.8	2.207	2.956	14.3	19.7
275359	2011 AJ_{31}	12	7.1	85.°87	4.°3/	6.3 18
11 7	5 18.14	+ 9 13.9	2.188	3.039	11.3	20.1
11 17	5 11.92	+ 9 1.3	2.131	3.048	8.4	19.9
11 27	5 4.12	+ 8 56.5	2.101	3.056	5.6	19.8
12 7	4 55.54	+ 9 1.3	2.099	3.065	4.3	19.7
12 17	4 47.02	+ 9 16.5	2.126	3.074	5.9	19.8
12 27	4 39.47	+ 9 41.9	2.181	3.083	8.7	20.0
1 6	4 33.59	+10 16.6	2.263	3.091	11.5	20.2
1 16	4 29.81	+10 58.9	2.366	3.100	13.9	20.4
120500	1993 OM	12	7.1	44.°34	0.°5/	7.2 18
11 7	5 19.53	+25 48.3	1.972	2.833	11.9	19.5
11 17	5 13.11	+25 17.8	1.909	2.837	8.4	19.2
11 27	5 4.80	+24 40.5	1.871	2.842	4.4	19.0
12 7	4 55.54	+23 57.6	1.862	2.847	0.5	18.7
12 17	4 46.42	+23 11.6	1.882	2.852	4.2	19.0
12 27	4 38.52	+22 26.2	1.931	2.857	8.1	19.3
1 6	4 32.65	+21 45.2	2.006	2.862	11.6	19.5
1 16	4 29.28	+21 11.2	2.103	2.867	14.5	19.7
135888	2002 TA_{54}	12	7.1	51.°53	0.°4/	7.1 18
11 7	5 22.38	+22 48.5	1.562	2.430	14.1	19.0
11 17	5 15.40	+23 8.9	1.515	2.447	9.8	18.8
11 27	5 6.06	+23 26.5	1.492	2.464	5.1	18.6
12 7	4 55.56	+23 39.9	1.496	2.481	0.4	18.2
12 17	4 45.25	+23 49.2	1.529	2.499	4.8	18.6
12 27	4 36.50	+23 56.0	1.589	2.517	9.3	18.9
1 6	4 30.27	+24 2.6	1.673	2.535	13.2	19.2
1 16	4 27.06	+24 11.1	1.779	2.553	16.3	19.5
277874	2006 JV_{47}	12	7.1	162.°15	1.°9/	6.3 17
11 7	5 16.91	+17 19.4	2.663	3.519	9.4	20.9
11 17	5 10.89	+16 45.5	2.597	3.522	6.6	20.7
11 27	5 3.55	+16 11.9	2.557	3.525	3.7	20.5
12 7	4 55.54	+15 40.3	2.548	3.528	1.9	20.4
12 17	4 47.59	+15 12.6	2.569	3.530	4.0	20.6
12 27	4 40.45	+14 50.5	2.621	3.532	6.9	20.7
1 6	4 34.72	+14 35.3	2.699	3.534	9.6	20.9
1 16	4 30.81	+14 27.5	2.801	3.536	11.9	21.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
144670 2004 FB_{130}			12 7.1	84.°43	1.°5/ 6.9	18
	h m	° ′			°	m
11 7	5 22.29	+17 5.5	1.908	2.768	12.3	19.4
11 17	5 15.01	+17 28.5	1.856	2.784	8.6	19.2
11 27	5 5.79	+17 54.2	1.829	2.799	4.6	18.9
12 7	4 55.57	+18 21.9	1.832	2.815	1.5	18.8
12 17	4 45.47	+18 51.0	1.864	2.831	4.6	19.0
12 27	4 36.59	+19 21.5	1.925	2.846	8.5	19.3
1 6	4 29.79	+19 53.7	2.012	2.861	11.9	19.5
1 16	4 25.54	+20 27.7	2.122	2.876	14.7	19.8
449303 2013 EC_{115}			12 7.1	271.°21	1.°0/ 7.3	17
11 7	5 21.35	+25 15.8	1.900	2.760	12.4	21.8
11 17	5 14.71	+25 22.2	1.819	2.747	8.8	21.6
11 27	5 5.81	+25 23.6	1.763	2.733	4.7	21.3
12 7	4 55.58	+25 19.0	1.735	2.720	1.0	21.0
12 17	4 45.19	+25 8.9	1.737	2.706	4.5	21.3
12 27	4 35.92	+24 55.5	1.766	2.692	8.7	21.5
1 6	4 28.78	+24 41.8	1.822	2.678	12.6	21.7
1 16	4 24.43	+24 30.8	1.899	2.664	15.8	21.9
407095 2009 SB_{275}			12 7.1	190.°25	4.°8/ 5.5	18
11 7	5 17.32	+ 8 52.6	2.276	3.126	11.0	21.0
11 17	5 11.35	+ 8 9.3	2.212	3.126	8.2	20.9
11 27	5 3.86	+ 7 32.9	2.174	3.125	5.7	20.7
12 7	4 55.57	+ 7 6.2	2.164	3.125	4.8	20.7
12 17	4 47.32	+ 6 51.5	2.183	3.124	6.4	20.8
12 27	4 39.95	+ 6 49.8	2.231	3.123	9.0	20.9
1 6	4 34.15	+ 7 0.8	2.304	3.121	11.7	21.1
1 16	4 30.38	+ 7 23.3	2.398	3.120	14.0	21.3
494040 2016 BQ_{17}			12 7.1	85.°24	2.°9/ 6.4	17
11 7	5 17.64	+13 24.0	2.291	3.147	10.7	21.2
11 17	5 11.58	+13 15.0	2.229	3.152	7.6	21.0
11 27	5 3.98	+13 10.5	2.193	3.157	4.6	20.8
12 7	4 55.58	+13 11.6	2.186	3.162	2.9	20.7
12 17	4 47.22	+13 19.1	2.209	3.167	4.9	20.8
12 27	4 39.77	+13 33.6	2.261	3.172	7.9	21.0
1 6	4 33.91	+13 54.9	2.340	3.177	10.8	21.2
1 16	4 30.11	+14 22.6	2.441	3.183	13.3	21.4
517961 2015 TQ_{360}			12 7.1	177.°69	1.°3/ 6.9	18
11 7	5 21.68	+17 25.7	2.027	2.885	11.8	21.4
11 17	5 14.67	+17 48.7	1.958	2.885	8.3	21.1
11 27	5 5.68	+18 14.5	1.916	2.886	4.4	20.9
12 7	4 55.60	+18 42.3	1.902	2.886	1.3	20.7
12 17	4 45.45	+19 11.5	1.919	2.886	4.5	20.9
12 27	4 36.35	+19 42.1	1.965	2.886	8.3	21.1
1 6	4 29.19	+20 14.3	2.038	2.886	11.8	21.4
1 16	4 24.51	+20 48.6	2.133	2.885	14.7	21.6
150155 1997 EJ_{32}			12 7.1	329.°40	1.°9/ 7.6	17
11 7	5 20.26	+28 4.7	1.976	2.833	12.1	20.5
11 17	5 13.82	+28 13.3	1.906	2.830	8.6	20.3
11 27	5 5.28	+28 14.7	1.860	2.828	4.9	20.0
12 7	4 55.59	+28 7.8	1.843	2.825	1.9	19.8
12 17	4 45.89	+27 53.1	1.855	2.823	4.4	20.0
12 27	4 37.35	+27 33.0	1.895	2.821	8.2	20.2
1 6	4 30.90	+27 11.0	1.961	2.819	11.8	20.4
1 16	4 27.11	+26 50.6	2.050	2.817	14.7	20.6
223542 2004 EK_{42}			12 7.1	274.°59	2.°1/ 6.7	18
11 7	5 22.34	+18 26.8	1.490	2.361	14.5	20.3
11 17	5 15.72	+18 9.1	1.416	2.349	10.3	20.1
11 27	5 6.45	+17 51.8	1.366	2.337	5.6	19.8
12 7	4 55.61	+17 36.2	1.342	2.325	2.1	19.5
12 17	4 44.60	+17 24.3	1.346	2.313	5.9	19.7
12 27	4 34.96	+17 18.6	1.376	2.300	10.8	20.0
1 6	4 27.87	+17 21.1	1.430	2.288	15.3	20.2
1 16	4 24.03	+17 32.6	1.504	2.276	19.0	20.4
252556 2001 VT_{111}			12 7.1	353.°47	1.°9/ 7.4	18
11 7	5 21.61	+26 7.3	1.780	2.642	13.0	19.9
11 17	5 14.97	+26 41.9	1.713	2.640	9.2	19.7
11 27	5 5.96	+27 11.8	1.670	2.639	5.1	19.4
12 7	4 55.61	+27 34.5	1.655	2.638	1.9	19.2
12 17	4 45.16	+27 49.2	1.669	2.637	4.8	19.4
12 27	4 35.97	+27 57.0	1.711	2.637	8.9	19.7
1 6	4 29.08	+28 0.8	1.778	2.637	12.7	19.9
1 16	4 25.13	+28 3.6	1.866	2.637	15.8	20.1
12113 Hollows			12 7.1	84.°22	2.°5/ 6.7	18
11 7	5 19.56	+14 22.9	2.119	2.977	11.4	17.4
11 17	5 12.99	+14 28.3	2.062	2.987	8.1	17.2
11 27	5 4.73	+14 38.1	2.032	2.998	4.6	17.0
12 7	4 55.60	+14 52.8	2.030	3.009	2.5	16.9
12 17	4 46.55	+15 12.4	2.058	3.020	4.8	17.1
12 27	4 38.53	+15 37.2	2.115	3.030	8.1	17.3
1 6	4 32.28	+16 7.0	2.198	3.041	11.2	17.5
1 16	4 28.29	+16 41.2	2.304	3.051	13.9	17.7

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
155888 2001 FY_{83}			12 7.1	144.°51	0.°4/ 7.2	18
	h m	° ′			°	m
11 7	5 18.93	+24 11.5	2.634	3.485	9.6	21.1
11 17	5 12.37	+24 9.0	2.569	3.493	6.7	21.0
11 27	5 4.36	+24 3.0	2.531	3.501	3.5	20.8
12 7	4 55.60	+23 53.6	2.523	3.508	0.4	20.5
12 17	4 46.91	+23 41.4	2.546	3.515	3.3	20.8
12 27	4 39.10	+23 28.1	2.600	3.521	6.5	21.0
1 6	4 32.83	+23 15.7	2.681	3.528	9.3	21.2
1 16	4 28.53	+23 5.8	2.786	3.533	11.7	21.4
477362 2009 UT_{98}			12 7.1	72.°20	0.°8/ 7.2	18
11 7	5 24.65	+23 44.1	1.404	2.274	15.3	21.3
11 17	5 17.30	+24 3.7	1.351	2.284	10.7	21.0
11 27	5 7.20	+24 19.2	1.322	2.294	5.6	20.8
12 7	4 55.64	+24 28.9	1.319	2.304	0.8	20.4
12 17	4 44.22	+24 32.9	1.343	2.314	5.3	20.8
12 27	4 34.53	+24 33.2	1.395	2.324	10.3	21.1
1 6	4 27.71	+24 33.3	1.470	2.334	14.5	21.4
1 16	4 24.32	+24 36.1	1.565	2.344	18.0	21.7
487878 2015 TC_{133}			12 7.1	261.°81	2.°6/ 6.6	17
11 7	5 19.89	+14 45.3	2.026	2.885	11.7	21.6
11 17	5 13.45	+14 46.1	1.950	2.876	8.4	21.4
11 27	5 5.09	+14 51.1	1.900	2.867	4.8	21.2
12 7	4 55.62	+15 1.2	1.879	2.858	2.6	21.0
12 17	4 46.04	+15 16.9	1.887	2.849	5.1	21.2
12 27	4 37.44	+15 38.5	1.924	2.840	8.8	21.4
1 6	4 30.67	+16 6.1	1.986	2.830	12.2	21.6
1 16	4 26.31	+16 39.5	2.071	2.821	15.1	21.8
481786 2008 SD_{291}			12 7.1	94.°21	2.°2/ 6.7	18
11 7	5 23.06	+17 38.1	1.639	2.504	13.7	21.7
11 17	5 15.70	+17 22.1	1.591	2.521	9.6	21.4
11 27	5 6.19	+17 7.5	1.567	2.537	5.2	21.2
12 7	4 55.64	+16 55.8	1.571	2.553	2.2	21.1
12 17	4 45.32	+16 48.3	1.604	2.569	5.4	21.3
12 27	4 36.48	+16 46.9	1.664	2.584	9.6	21.6
1 6	4 30.01	+16 52.7	1.749	2.600	13.3	21.9
1 16	4 26.38	+17 5.9	1.855	2.614	16.3	22.1
515179 2011 SN_{249}			12 7.1	70.°79	4.°6/ 7.6	18
11 7	5 27.71	+31 46.1	1.672	2.520	14.4	20.5
11 17	5 19.31	+32 58.0	1.626	2.541	10.6	20.4
11 27	5 8.21	+33 58.8	1.604	2.561	6.8	20.2
12 7	4 55.66	+34 43.3	1.611	2.582	4.6	20.1
12 17	4 43.22	+35 9.3	1.646	2.603	6.3	20.2
12 27	4 32.47	+35 18.8	1.708	2.624	9.8	20.5
1 6	4 24.55	+35 16.8	1.796	2.644	13.1	20.7
1 16	4 20.01	+35 9.1	1.905	2.664	15.9	21.0
195048 2002 CW_{70}			12 7.1	229.°82	1.°4/ 7.4	18
11 7	5 23.03	+26 35.2	1.757	2.616	13.2	20.7
11 17	5 15.95	+26 35.5	1.685	2.612	9.4	20.4
11 27	5 6.47	+26 28.7	1.637	2.607	5.1	20.2
12 7	4 55.64	+26 13.8	1.617	2.601	1.4	19.9
12 17	4 44.78	+25 51.9	1.626	2.596	4.7	20.1
12 27	4 35.24	+25 26.1	1.664	2.590	9.1	20.4
1 6	4 28.09	+25 0.4	1.726	2.584	13.1	20.6
1 16	4 23.93	+24 38.6	1.810	2.578	16.4	20.8
232612 2003 UL_{118}			12 7.1	112.°12	2.°1/ 6.4	18
11 7	5 17.81	+17 43.2	2.304	3.163	10.5	20.6
11 17	5 11.68	+17 5.9	2.241	3.169	7.4	20.4
11 27	5 4.03	+16 28.7	2.206	3.174	4.1	20.2
12 7	4 55.62	+15 53.8	2.199	3.180	2.1	20.1
12 17	4 47.31	+15 23.2	2.223	3.185	4.5	20.2
12 27	4 39.95	+14 59.1	2.276	3.191	7.7	20.5
1 6	4 34.22	+14 43.0	2.356	3.196	10.7	20.7
1 16	4 30.56	+14 35.4	2.458	3.201	13.2	20.8
127510 2002 TM_{229}			12 7.1	245.°13	1.°9/ 6.7	18
11 7	5 23.01	+19 4.7	1.652	2.518	13.6	19.9
11 17	5 16.01	+18 41.9	1.575	2.506	9.6	19.6
11 27	5 6.55	+18 18.1	1.523	2.494	5.2	19.3
12 7	4 55.65	+17 54.8	1.498	2.482	1.9	19.1
12 17	4 44.62	+17 34.1	1.502	2.469	5.5	19.3
12 27	4 34.86	+17 18.8	1.534	2.455	10.2	19.5
1 6	4 27.47	+17 11.4	1.590	2.442	14.3	19.8
1 16	4 23.10	+17 13.2	1.667	2.428	17.8	20.0
470990 2009 SU_{108}			12 7.1	62.°18	6.°3/ 9.1	18
11 7	5 34.92	+38 4.2	1.273	2.113	18.4	20.4
11 17	5 24.19	+38 12.4	1.251	2.157	13.8	20.2
11 27	5 10.44	+37 56.5	1.251	2.201	9.3	20.1
12 7	4 55.68	+37 14.4	1.277	2.244	6.4	20.1
12 17	4 42.09	+36 10.4	1.330	2.287	7.6	20.3
12 27	4 31.40	+34 54.0	1.409	2.329	11.0	20.6
1 6	4 24.52	+33 35.7	1.512	2.370	14.6	20.9
1 16	4 21.58	+32 23.4	1.636	2.411	17.6	21.2

104362 2000 FS_{22} 12 7.1 340.°79 1.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.49	+24 6.4	1.138	2.024	16.8	18.9
11 17	5 15.10	+24 24.3	1.073	2.013	12.0	18.6
11 27	5 6.39	+24 38.0	1.029	2.003	6.4	18.3
12 7	4 55.65	+24 45.6	1.009	1.994	1.1	17.9
12 17	4 44.70	+24 46.8	1.014	1.986	6.2	18.2
12 27	4 35.52	+24 44.3	1.043	1.979	12.0	18.5
1 6	4 29.58	+24 42.1	1.093	1.974	17.1	18.8
1 16	4 27.65	+24 43.5	1.161	1.970	21.3	19.0

130323 2000 ED_{169} 12 7.1 325.°83 2.°8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.82	+27 55.1	1.818	2.678	12.8	18.8
11 17	5 14.61	+28 46.1	1.736	2.662	9.3	18.5
11 27	5 5.92	+29 32.4	1.680	2.646	5.5	18.3
12 7	4 55.66	+30 10.5	1.651	2.631	2.8	18.1
12 17	4 45.07	+30 38.3	1.651	2.617	5.2	18.2
12 27	4 35.57	+30 55.9	1.679	2.603	9.2	18.4
1 6	4 28.33	+31 6.2	1.731	2.590	13.0	18.6
1 16	4 24.10	+31 12.6	1.805	2.577	16.3	18.8

40216 1998 SF_{79} 12 7.1 104.°40 3.°6/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.28	+33 11.3	2.284	3.122	11.4	19.0
11 17	5 15.05	+33 43.0	2.223	3.133	8.4	18.8
11 27	5 5.87	+34 4.8	2.188	3.143	5.5	18.6
12 7	4 55.66	+34 14.5	2.182	3.153	3.6	18.5
12 17	4 45.50	+34 11.6	2.205	3.163	4.9	18.6
12 27	4 36.49	+33 58.2	2.258	3.173	7.7	18.8
1 6	4 29.48	+33 38.0	2.337	3.183	10.6	19.0
1 16	4 25.00	+33 15.2	2.439	3.192	13.0	19.2

70015 1998 YT_5 12 7.1 336.°62 0.°7/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.61	+24 13.6	1.680	2.552	13.1	18.4
11 17	5 12.32	+24 19.1	1.602	2.536	9.3	18.2
11 27	5 4.68	+24 20.5	1.549	2.521	4.9	17.9
12 7	4 55.65	+24 17.3	1.521	2.506	0.7	17.5
12 17	4 46.45	+24 10.1	1.522	2.493	4.7	17.8
12 27	4 38.42	+24 0.9	1.549	2.480	9.3	18.0
1 6	4 32.62	+23 52.7	1.601	2.468	13.4	18.3
1 16	4 29.73	+23 48.0	1.674	2.458	16.8	18.5

379627 2011 DM_{10} 12 7.1 357.°60 4.°8/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.68	+33 34.6	1.245	2.110	17.2	20.4
11 17	5 17.90	+33 42.9	1.185	2.108	12.8	20.1
11 27	5 7.73	+33 33.5	1.145	2.107	8.1	19.9
12 7	4 55.69	+33 3.4	1.130	2.107	4.9	19.7
12 17	4 43.74	+32 13.8	1.141	2.106	7.0	19.8
12 27	4 33.87	+31 11.5	1.176	2.107	11.6	20.1
1 6	4 27.45	+30 5.7	1.234	2.108	16.1	20.3
1 16	4 25.06	+29 4.4	1.311	2.109	19.9	20.6

510540 2012 HD_{59} 12 7.1 135.°94 4.°7/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.70	+11 33.2	1.634	2.492	14.1	22.1
11 17	5 16.18	+11 1.6	1.580	2.503	10.3	21.8
11 27	5 6.48	+10 37.2	1.552	2.513	6.5	21.7
12 7	4 55.69	+10 23.0	1.551	2.522	4.7	21.6
12 17	4 45.06	+10 20.7	1.578	2.531	7.0	21.7
12 27	4 35.85	+10 31.5	1.632	2.539	10.7	22.0
1 6	4 28.98	+10 54.4	1.711	2.547	14.2	22.2
1 16	4 24.94	+11 27.9	1.810	2.554	17.2	22.4

179097 2001 SG_{197} 12 7.1 348.°83 3.°6/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.33	+31 15.5	1.606	2.466	14.2	20.2
11 17	5 15.04	+31 36.3	1.539	2.462	10.4	20.0
11 27	5 6.11	+31 45.8	1.495	2.458	6.4	19.7
12 7	4 55.69	+31 41.8	1.478	2.455	3.6	19.5
12 17	4 45.22	+31 24.1	1.487	2.453	5.7	19.7
12 27	4 36.23	+30 56.0	1.524	2.451	9.8	19.9
1 6	4 29.87	+30 23.0	1.584	2.449	13.6	20.1
1 16	4 26.76	+29 50.2	1.666	2.448	17.0	20.4

53506 2000 AU_{119} 12 7.1 272.°92 4.°5/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.48	+13 40.5	1.483	2.352	14.6	19.2
11 17	5 15.00	+12 57.7	1.416	2.345	10.6	19.0
11 27	5 6.05	+12 19.4	1.373	2.338	6.5	18.7
12 7	4 55.69	+11 49.5	1.356	2.331	4.5	18.6
12 17	4 45.29	+11 31.1	1.366	2.324	7.3	18.7
12 27	4 36.26	+11 26.7	1.403	2.317	11.5	19.0
1 6	4 29.69	+11 36.8	1.462	2.310	15.6	19.2
1 16	4 26.21	+12 0.2	1.541	2.303	19.0	19.4

121106 1999 GW_1 12 7.1 162.°65 1.°0/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.74	+20 31.9	1.976	2.834	12.0	20.9
11 17	5 15.37	+20 15.9	1.912	2.840	8.4	20.7
11 27	5 6.04	+19 58.0	1.874	2.844	4.4	20.4
12 7	4 55.70	+19 39.2	1.864	2.849	1.0	20.2
12 17	4 45.43	+19 21.0	1.885	2.852	4.5	20.4
12 27	4 36.37	+19 5.7	1.935	2.855	8.5	20.7
1 6	4 29.35	+18 55.4	2.011	2.858	12.0	20.9
1 16	4 24.90	+18 51.5	2.110	2.860	14.9	21.1

479396 2013 YF_{27} 12 7.1 309.°83 0.°3/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.95	+21 55.6	1.350	2.226	15.3	20.7
11 17	5 15.78	+21 57.7	1.277	2.213	10.9	20.4
11 27	5 6.64	+21 57.4	1.227	2.200	5.7	20.1
12 7	4 55.71	+21 54.3	1.202	2.187	0.3	19.7
12 17	4 44.54	+21 49.3	1.204	2.175	5.7	20.0
12 27	4 34.87	+21 44.9	1.232	2.163	11.1	20.3
1 6	4 28.03	+21 44.0	1.282	2.151	15.9	20.6
1 16	4 24.77	+21 49.1	1.352	2.140	19.9	20.8

61279 2000 OF_{35} 12 7.1 60.°83 0.°7/ 6.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.48	+22 29.4	1.190	2.069	16.8	18.9
11 17	5 17.36	+22 4.8	1.143	2.080	11.7	18.6
11 27	5 7.27	+21 35.6	1.117	2.091	6.1	18.3
12 7	4 55.71	+21 3.2	1.117	2.102	0.7	18.0
12 17	4 44.46	+20 30.9	1.143	2.113	6.0	18.4
12 27	4 35.23	+20 3.1	1.194	2.125	11.4	18.7
1 6	4 29.16	+19 43.7	1.267	2.136	16.1	19.0
1 16	4 26.73	+19 34.7	1.360	2.148	19.8	19.3

323331 2003 UC_{175} 12 7.1 109.°01 2.°7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.87	+28 2.8	1.517	2.373	15.1	20.6
11 17	5 20.14	+28 38.0	1.468	2.392	10.8	20.4
11 27	5 8.65	+29 4.3	1.443	2.409	6.1	20.2
12 7	4 55.73	+29 18.6	1.445	2.427	2.7	20.0
12 17	4 43.05	+29 20.2	1.477	2.443	5.6	20.2
12 27	4 32.22	+29 12.2	1.535	2.459	9.9	20.5
1 6	4 24.36	+28 59.5	1.619	2.475	13.9	20.8
1 16	4 20.00	+28 46.9	1.723	2.490	17.1	21.1

435451 2008 EW_{73} 12 7.1 286.°45 1.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.98	+19 5.9	1.378	2.252	15.2	21.6
11 17	5 16.39	+19 1.7	1.306	2.240	10.8	21.3
11 27	5 6.92	+18 58.1	1.257	2.229	5.8	21.0
12 7	4 55.72	+18 55.7	1.234	2.218	1.6	20.7
12 17	4 44.31	+18 55.6	1.238	2.207	6.0	21.0
12 27	4 34.38	+18 59.7	1.269	2.196	11.2	21.2
1 6	4 27.21	+19 9.9	1.322	2.185	15.9	21.5
1 16	4 23.53	+19 27.4	1.394	2.175	19.8	21.7

360909 2005 SL_{221} 12 7.1 73.°44 0.°9/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.73	+25 27.4	1.937	2.797	12.2	21.3
11 17	5 14.06	+25 28.2	1.877	2.805	8.5	21.1
11 27	5 5.39	+25 23.7	1.842	2.813	4.5	20.9
12 7	4 55.70	+25 13.4	1.836	2.820	0.9	20.6
12 17	4 46.11	+24 58.4	1.859	2.828	4.2	20.9
12 27	4 37.74	+24 41.1	1.910	2.836	8.2	21.1
1 6	4 31.47	+24 24.5	1.987	2.844	11.7	21.4
1 16	4 27.80	+24 11.1	2.087	2.852	14.6	21.6

518868 2010 DB_{89} 12 7.1 337.°22 0.°1/ 7.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.10	+24 2.8	1.945	2.810	11.9	21.3
11 17	5 12.29	+23 44.1	1.873	2.804	8.3	21.1
11 27	5 4.53	+23 20.6	1.826	2.798	4.3	20.8
12 7	4 55.69	+22 52.9	1.807	2.792	0.1	20.5
12 17	4 46.85	+22 23.0	1.817	2.787	4.2	20.8
12 27	4 39.12	+21 53.7	1.855	2.782	8.3	21.0
1 6	4 33.36	+21 28.1	1.919	2.778	11.9	21.3
1 16	4 30.11	+21 8.5	2.005	2.774	15.0	21.5

133789 2003 WS_{122} 12 7.1 355.°16 1.°7/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.67	+26 39.3	1.800	2.665	12.7	19.8
11 17	5 12.88	+26 54.7	1.732	2.662	9.0	19.5
11 27	5 4.91	+27 4.3	1.689	2.659	5.0	19.3
12 7	4 55.70	+27 6.8	1.673	2.657	1.7	19.1
12 17	4 46.44	+27 2.3	1.686	2.655	4.6	19.3
12 27	4 38.40	+26 53.0	1.726	2.654	8.7	19.5
1 6	4 32.54	+26 41.9	1.791	2.654	12.4	19.7
1 16	4 29.45	+26 32.1	1.877	2.655	15.5	19.9

102184 1999 RX_{242} 12 7.1 84.°00 0.°4/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.46	+22 24.5	1.367	2.236	15.7	19.3
11 17	5 18.55	+22 49.6	1.319	2.251	11.0	19.0
11 27	5 7.85	+23 12.0	1.295	2.267	5.7	18.8
12 7	4 55.73	+23 29.8	1.298	2.283	0.4	18.4
12 17	4 43.83	+23 42.6	1.328	2.299	5.4	18.9
12 27	4 33.79	+23 52.1	1.386	2.314	10.4	19.2
1 6	4 26.71	+24 1.2	1.467	2.329	14.7	19.5
1 16	4 23.12	+24 12.3	1.568	2.344	18.1	19.8

386878 2011 FZ_{28} 12 7.1 296.°56 0.°4/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.52	+24 33.5	1.384	2.258	15.2	20.6
11 17	5 16.17	+24 18.2	1.307	2.242	10.8	20.3
11 27	5 6.86	+23 55.8	1.253	2.225	5.7	20.0
12 7	4 55.74	+23 26.3	1.224	2.210	0.4	19.5
12 17	4 44.40	+22 51.9	1.223	2.194	5.6	19.9
12 27	4 34.57	+22 16.9	1.247	2.178	11.0	20.2
1 6	4 27.59	+21 46.4	1.295	2.163	15.9	20.4
1 16	4 24.18	+21 24.4	1.361	2.148	19.9	20.6

523622 2007 TG_{422} 12 7.1 0.°49 0.°3/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	4 58.05	+10 19.0	37.822	38.667	0.8	22.5
11 17	4 57.30	+10 17.3	37.765	38.678	0.6	22.4
11 27	4 56.48	+10 16.0	37.736	38.689	0.4	22.4
12 7	4 55.63	+10 15.2	37.737	38.700	0.3	22.4
12 17	4 54.78	+10 15.0	37.767	38.710	0.4	22.4
12 27	4 53.96	+10 15.4	37.828	38.721	0.6	22.4
1 6	4 53.21	+10 16.5	37.917	38.732	0.8	22.5
1 16	4 52.56	+10 18.2	38.031	38.743	1.0	22.5

23367 1173 $T\text{-}_2$ 12 7.1 21.°98 4.°8/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.32	+35 43.8	1.962	2.801	12.9	18.9
11 17	5 15.45	+36 15.6	1.897	2.803	9.8	18.7
11 27	5 6.24	+36 34.3	1.856	2.805	6.7	18.5
12 7	4 55.74	+36 36.9	1.842	2.808	4.9	18.4
12 17	4 45.24	+36 23.0	1.856	2.811	6.0	18.5
12 27	4 36.09	+35 55.4	1.899	2.814	8.9	18.6
1 6	4 29.29	+35 19.3	1.966	2.817	12.0	18.8
1 16	4 25.43	+34 40.2	2.055	2.820	14.8	19.0

296471 2009 HS_{93} 12 7.1 138.°49 5.°4/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.90	+ 7 35.2	2.105	2.953	11.8	21.0
11 17	5 12.53	+ 6 53.5	2.048	2.959	8.9	20.8
11 27	5 4.54	+ 6 20.5	2.016	2.965	6.4	20.7
12 7	4 55.72	+ 5 59.3	2.013	2.970	5.4	20.6
12 17	4 46.99	+ 5 51.9	2.038	2.976	7.0	20.7
12 27	4 39.27	+ 5 59.0	2.091	2.981	9.6	20.9
1 6	4 33.27	+ 6 19.7	2.169	2.986	12.4	21.1
1 16	4 29.44	+ 6 52.0	2.269	2.990	14.7	21.3

271697 2004 RD_{145} 12 7.1 137.°89 0.°3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.09	+23 57.1	1.901	2.758	12.5	21.6
11 17	5 16.37	+23 49.6	1.842	2.769	8.8	21.4
11 27	5 6.58	+23 37.3	1.810	2.780	4.5	21.2
12 7	4 55.75	+23 20.5	1.805	2.790	0.3	20.9
12 17	4 45.08	+23 0.3	1.831	2.800	4.3	21.2
12 27	4 35.75	+22 39.6	1.886	2.809	8.4	21.5
1 6	4 28.65	+22 21.4	1.967	2.818	12.0	21.7
1 16	4 24.25	+22 8.1	2.070	2.826	15.0	22.0

9317 1988 RO_4 12 7.1 21.°11 6.°3/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.24	+ 6 40.2	1.809	2.665	13.1	17.2
11 17	5 11.59	+ 5 57.8	1.755	2.669	10.0	17.0
11 27	5 4.13	+ 5 26.4	1.725	2.673	7.3	16.9
12 7	4 55.73	+ 5 9.8	1.722	2.678	6.3	16.8
12 17	4 47.42	+ 5 9.9	1.746	2.684	7.9	16.9
12 27	4 40.22	+ 5 27.1	1.797	2.690	10.7	17.1
1 6	4 34.92	+ 5 59.8	1.870	2.696	13.7	17.3
1 16	4 32.00	+ 6 45.0	1.965	2.703	16.2	17.5

464414 2016 BA_{24} 12 7.1 231.°89 3.°6/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.53	+35 25.2	2.551	3.381	10.6	21.0
11 17	5 13.79	+35 32.3	2.472	3.376	8.0	20.9
11 27	5 5.25	+35 28.4	2.420	3.370	5.3	20.7
12 7	4 55.75	+35 11.8	2.396	3.364	3.7	20.6
12 17	4 46.24	+34 43.1	2.402	3.359	4.7	20.6
12 27	4 37.74	+34 4.7	2.438	3.353	7.2	20.8
1 6	4 31.04	+33 20.7	2.501	3.346	9.9	21.0
1 16	4 26.65	+32 35.4	2.587	3.340	12.4	21.1

300396 2007 RL_{240} 12 7.1 92.°36 2.°5/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.44	+29 1.8	1.738	2.594	13.5	21.2
11 17	5 16.24	+29 17.6	1.677	2.601	9.7	21.0
11 27	5 6.64	+29 24.4	1.641	2.607	5.6	20.8
12 7	4 55.77	+29 20.5	1.633	2.614	2.5	20.6
12 17	4 44.98	+29 6.4	1.653	2.620	5.0	20.8
12 27	4 35.65	+28 44.9	1.701	2.627	9.0	21.1
1 6	4 28.79	+28 20.5	1.775	2.633	12.7	21.3
1 16	4 24.95	+27 57.5	1.869	2.639	15.8	21.5

20674 1999 VT_1 12 7.1 24.°46 3.°9/ 5.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.65	+13 11.6	2.037	2.898	11.6	17.3
11 17	5 11.76	+12 23.3	1.975	2.899	8.4	17.1
11 27	5 4.19	+11 38.9	1.939	2.901	5.3	16.9
12 7	4 55.75	+11 1.4	1.931	2.902	3.9	16.8
12 17	4 47.38	+10 33.6	1.951	2.904	5.9	16.9
12 27	4 40.03	+10 17.5	2.000	2.906	9.1	17.1
1 6	4 34.44	+10 13.6	2.074	2.908	12.2	17.3
1 16	4 31.08	+10 21.3	2.169	2.910	14.8	17.5

23073 1999 XT_{75} 12 7.1 179.°11 0.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.52	+20 19.4	2.893	3.744	8.9	19.1
11 17	5 12.06	+20 19.1	2.821	3.745	6.2	18.9
11 27	5 4.27	+20 18.0	2.776	3.746	3.2	18.7
12 7	4 55.76	+20 16.3	2.762	3.747	0.6	18.5
12 17	4 47.25	+20 14.6	2.780	3.747	3.2	18.7
12 27	4 39.48	+20 13.8	2.828	3.746	6.2	18.9
1 6	4 33.06	+20 15.0	2.904	3.745	8.9	19.1
1 16	4 28.41	+20 19.3	3.005	3.744	11.1	19.2

518086 2016 AP_{228} 12 7.1 192.°05 3.°5/ 8.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.58	+34 53.4	2.524	3.356	10.6	21.3
11 17	5 13.80	+34 58.0	2.450	3.355	8.0	21.1
11 27	5 5.25	+34 51.6	2.402	3.354	5.2	21.0
12 7	4 55.78	+34 33.0	2.383	3.353	3.5	20.8
12 17	4 46.34	+34 2.7	2.394	3.352	4.6	20.9
12 27	4 37.94	+33 23.5	2.435	3.351	7.2	21.1
1 6	4 31.36	+32 39.4	2.503	3.349	9.9	21.3
1 16	4 27.07	+31 54.5	2.594	3.348	12.3	21.4

432957 2012 JT_3 12 7.1 137.°51 0.°3/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.98	+21 13.3	1.586	2.448	14.2	21.6
11 17	5 18.06	+21 29.7	1.527	2.457	10.0	21.3
11 27	5 7.62	+21 44.8	1.494	2.465	5.2	21.1
12 7	4 55.81	+21 57.4	1.488	2.473	0.3	20.7
12 17	4 44.08	+22 7.4	1.511	2.480	5.0	21.1
12 27	4 33.89	+22 16.3	1.562	2.487	9.7	21.4
1 6	4 26.30	+22 26.2	1.638	2.494	13.8	21.6
1 16	4 21.89	+22 39.1	1.735	2.500	17.1	21.9

11713 Stubbs 12 7.1 4.°59 5.°7/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.88	+13 21.4	1.344	2.222	15.3	16.9
11 17	5 13.22	+11 55.8	1.290	2.222	11.2	16.7
11 27	5 5.13	+10 34.4	1.258	2.222	7.3	16.5
12 7	4 55.79	+ 9 24.0	1.252	2.223	5.8	16.4
12 17	4 46.57	+ 8 30.5	1.273	2.225	8.5	16.5
12 27	4 38.87	+ 7 57.9	1.318	2.227	12.5	16.8
1 6	4 33.70	+ 7 46.8	1.384	2.230	16.4	17.0
1 16	4 31.57	+ 7 55.0	1.469	2.234	19.7	17.3

256097 2006 UK_{239} 12 7.1 26.°91 0.°8/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.15	+21 54.8	1.774	2.641	12.8	20.5
11 17	5 13.79	+21 30.2	1.710	2.642	8.9	20.3
11 27	5 5.34	+21 2.4	1.672	2.644	4.6	20.0
12 7	4 55.79	+20 32.5	1.661	2.646	0.8	19.7
12 17	4 46.32	+20 2.9	1.680	2.648	4.7	20.0
12 27	4 38.13	+19 36.7	1.726	2.651	8.9	20.3
1 6	4 32.10	+19 16.5	1.797	2.653	12.7	20.5
1 16	4 28.76	+19 4.1	1.889	2.656	15.8	20.8

439117 2011 SN_{109} 12 7.1 198.°93 8.°1/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.81	+43 42.5	1.908	2.714	14.5	20.6
11 17	5 20.47	+44 40.8	1.840	2.713	11.9	20.4
11 27	5 9.07	+45 19.7	1.795	2.712	9.5	20.3
12 7	4 55.85	+45 33.2	1.775	2.710	8.2	20.2
12 17	4 42.51	+45 19.2	1.783	2.708	8.8	20.2
12 27	4 30.84	+44 41.0	1.817	2.705	10.9	20.3
1 6	4 22.17	+43 46.0	1.875	2.703	13.5	20.5
1 16	4 17.20	+42 43.0	1.954	2.700	16.0	20.7

134226 2005 XJ_{64} 12 7.1 34.°61 2.°8/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.65	+15 31.9	1.692	2.562	13.1	19.3
11 17	5 12.66	+15 19.2	1.645	2.576	9.3	19.1
11 27	5 4.70	+15 10.4	1.623	2.592	5.2	18.9
12 7	4 55.79	+15 7.0	1.627	2.607	2.8	18.7
12 17	4 47.06	+15 10.1	1.660	2.624	5.5	18.9
12 27	4 39.62	+15 20.6	1.720	2.640	9.3	19.2
1 6	4 34.29	+15 38.6	1.804	2.658	12.8	19.5
1 16	4 31.54	+16 3.6	1.909	2.675	15.7	19.7

305176 2007 VA_{292} 12 7.1 69.°65 0.°0/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.51	+21 3.0	1.671	2.535	13.5	20.1
11 17	5 16.21	+21 33.8	1.619	2.549	9.5	19.9
11 27	5 6.62	+22 4.0	1.591	2.563	4.9	19.7
12 7	4 55.82	+22 31.9	1.592	2.577	0.1	19.3
12 17	4 45.13	+22 56.6	1.622	2.591	4.7	19.7
12 27	4 35.87	+23 18.9	1.679	2.605	9.1	20.0
1 6	4 29.01	+23 40.0	1.762	2.619	12.9	20.3
1 16	4 25.08	+24 1.8	1.866	2.634	16.0	20.5

294768 2008 CK_{32} 12 7.1 120.°08 0.°1/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.90	+22 42.4	1.983	2.844	11.9	21.5
11 17	5 14.17	+22 39.9	1.920	2.849	8.3	21.3
11 27	5 5.50	+22 34.3	1.882	2.854	4.3	21.0
12 7	4 55.81	+22 25.8	1.873	2.859	0.1	20.7
12 17	4 46.17	+22 15.4	1.894	2.863	4.2	21.0
12 27	4 37.70	+22 4.9	1.943	2.868	8.1	21.3
1 6	4 31.24	+21 56.8	2.019	2.872	11.6	21.5
1 16	4 27.29	+21 52.8	2.116	2.877	14.5	21.7

279675 2011 FM_{30} 12 7.1 294.°00 3.°3/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.65	+12 50.7	2.376	3.232	10.3	21.2
11 17	5 10.95	+12 25.4	2.308	3.230	7.5	21.0
11 27	5 3.77	+12 4.4	2.266	3.228	4.6	20.8
12 7	4 55.79	+11 49.3	2.253	3.226	3.3	20.7
12 17	4 47.83	+11 41.7	2.270	3.225	5.1	20.8
12 27	4 40.69	+11 42.8	2.316	3.223	8.0	21.0
1 6	4 35.07	+11 52.6	2.388	3.221	10.8	21.2
1 16	4 31.40	+12 10.8	2.482	3.219	13.2	21.4

261907 2006 JZ_{43} 12 7.1 79.°80 0.°0/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.27	+21 38.3	1.278	2.148	16.5	20.8
11 17	5 19.80	+21 59.0	1.239	2.172	11.5	20.6
11 27	5 8.50	+22 17.2	1.223	2.196	5.9	20.3
12 7	4 55.86	+22 31.6	1.234	2.219	0.1	19.9
12 17	4 43.63	+22 41.9	1.273	2.243	5.6	20.4
12 27	4 33.49	+22 50.2	1.337	2.266	10.7	20.8
1 6	4 26.49	+22 59.3	1.426	2.289	15.0	21.1
1 16	4 23.09	+23 11.4	1.534	2.311	18.4	21.4

83290 2001 RF_{92} 12 7.1 173.°85 0.°4/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.14	+24 11.8	2.055	2.913	11.7	19.9
11 17	5 14.34	+24 9.1	1.987	2.914	8.2	19.7
11 27	5 5.60	+24 2.0	1.944	2.915	4.3	19.4
12 7	4 55.82	+23 50.5	1.931	2.916	0.4	19.1
12 17	4 46.06	+23 35.5	1.947	2.916	4.1	19.4
12 27	4 37.42	+23 19.4	1.992	2.916	8.0	19.7
1 6	4 30.76	+23 4.6	2.064	2.917	11.4	19.9
1 16	4 26.60	+22 53.7	2.157	2.916	14.3	20.1

16381 1981 EG_{25} 12 7.1 191.°10 3.°5/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.29	+35 45.6	2.912	3.732	9.7	20.6
11 17	5 15.56	+36 0.8	2.833	3.730	7.3	20.5
11 27	5 6.16	+36 5.6	2.780	3.727	5.0	20.3
12 7	4 55.84	+35 58.6	2.758	3.723	3.5	20.2
12 17	4 45.51	+35 39.5	2.767	3.719	4.4	20.3
12 27	4 36.10	+35 10.5	2.806	3.714	6.7	20.4
1 6	4 28.37	+34 35.1	2.873	3.708	9.1	20.5
1 16	4 22.80	+33 57.2	2.965	3.702	11.3	20.7

475847 2007 BG_{48} 12 7.1 294.°73 4.°9/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.81	+11 21.1	1.443	2.310	15.1	21.2
11 17	5 15.43	+11 7.5	1.373	2.300	11.1	20.9
11 27	5 6.42	+11 3.1	1.325	2.289	7.0	20.6
12 7	4 55.85	+11 10.4	1.304	2.278	4.9	20.5
12 17	4 45.10	+11 31.0	1.309	2.267	7.5	20.6
12 27	4 35.67	+12 4.8	1.341	2.257	11.8	20.8
1 6	4 28.75	+12 50.5	1.395	2.247	16.0	21.0
1 16	4 25.02	+13 45.9	1.469	2.237	19.5	21.3

211820 2004 EB_{18} 12 7.1 122.°61 6.°7/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.65	+ 0 33.9	2.372	3.194	11.6	20.2
11 17	5 12.86	+ 0 5.9	2.325	3.210	9.3	20.1
11 27	5 4.68	− 0 8.6	2.304	3.226	7.4	20.0
12 7	4 55.83	− 0 7.4	2.310	3.241	6.7	20.0
12 17	4 47.11	+ 0 10.5	2.345	3.256	7.7	20.1
12 27	4 39.34	+ 0 44.4	2.408	3.270	9.7	20.2
1 6	4 33.14	+ 1 31.9	2.496	3.284	11.8	20.4
1 16	4 28.90	+ 2 30.0	2.605	3.298	13.7	20.6

492787 2014 QJ_{232} 12 7.1 6.°36 5.°6/ 8.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.75	+37 33.6	1.914	2.749	13.4	21.2
11 17	5 15.88	+38 6.1	1.848	2.749	10.3	21.0
11 27	5 6.55	+38 23.7	1.805	2.750	7.4	20.8
12 7	4 55.85	+38 23.2	1.789	2.750	5.6	20.7
12 17	4 45.14	+38 3.9	1.801	2.751	6.6	20.8
12 27	4 35.85	+37 29.0	1.840	2.753	9.3	20.9
1 6	4 29.04	+36 44.3	1.905	2.754	12.4	21.1
1 16	4 25.29	+35 56.1	1.990	2.756	15.1	21.3

472011 2013 WA_{90} 12 7.1 37.°26 0.°4/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.33	+26 10.3	1.149	2.029	17.1	20.5
11 17	5 16.67	+25 27.2	1.102	2.039	12.1	20.3
11 27	5 6.99	+24 33.4	1.076	2.049	6.3	20.0
12 7	4 55.86	+23 31.4	1.075	2.061	0.5	19.6
12 17	4 45.10	+22 26.5	1.100	2.072	5.9	20.1
12 27	4 36.46	+21 25.9	1.150	2.084	11.4	20.4
1 6	4 31.04	+20 35.6	1.223	2.097	16.1	20.7
1 16	4 29.30	+19 58.8	1.314	2.110	20.0	21.0

490937 2011 CS_{82} 12 7.1 167.°56 0.°3/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.94	+22 12.1	2.780	3.632	9.1	22.6
11 17	5 11.71	+22 3.2	2.710	3.635	6.4	22.5
11 27	5 4.12	+21 52.1	2.668	3.638	3.3	22.3
12 7	4 55.82	+21 39.2	2.656	3.641	0.3	22.0
12 17	4 47.56	+21 25.4	2.675	3.643	3.2	22.3
12 27	4 40.08	+21 12.2	2.724	3.645	6.3	22.5
1 6	4 34.02	+21 1.2	2.802	3.646	9.0	22.7
1 16	4 29.78	+20 53.7	2.903	3.647	11.3	22.8

407652 2011 GK_{88} 12 7.1 300.°95 12.°2/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.26	−13 2.7	2.176	2.945	14.2	20.7
11 17	5 10.84	−14 37.4	2.121	2.933	13.0	20.6
11 27	5 3.79	−15 50.0	2.088	2.921	12.3	20.6
12 7	4 55.83	−16 34.6	2.078	2.909	12.4	20.5
12 17	4 47.81	−16 47.6	2.090	2.897	13.2	20.6
12 27	4 40.65	−16 28.9	2.124	2.885	14.5	20.7
1 6	4 35.10	−15 42.0	2.177	2.873	16.0	20.7
1 16	4 31.65	−14 31.8	2.246	2.862	17.4	20.9

331297 2011 EM_{19} 12 7.1 199.°74 6.°3/ 5.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.97	+ 2 21.5	2.383	3.215	11.2	20.6
11 17	5 11.14	+ 1 50.9	2.321	3.214	8.9	20.5
11 27	5 3.87	+ 1 32.1	2.284	3.214	7.0	20.3
12 7	4 55.83	+ 1 27.7	2.274	3.213	6.3	20.3
12 17	4 47.80	+ 1 39.1	2.293	3.212	7.4	20.4
12 27	4 40.60	+ 2 6.3	2.339	3.211	9.5	20.5
1 6	4 34.87	+ 2 47.5	2.410	3.210	11.8	20.7
1 16	4 31.05	+ 3 40.0	2.503	3.208	13.9	20.8

252657 2001 YG_{110} 12 7.1 317.°79 2.°6/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.35	+30 20.3	1.876	2.730	12.8	20.2
11 17	5 14.77	+30 22.2	1.805	2.727	9.3	20.0
11 27	5 5.93	+30 14.0	1.758	2.723	5.5	19.7
12 7	4 55.86	+29 54.7	1.739	2.719	2.6	19.6
12 17	4 45.78	+29 25.1	1.749	2.716	4.8	19.7
12 27	4 36.99	+28 48.6	1.787	2.713	8.6	19.9
1 6	4 30.47	+28 9.9	1.850	2.709	12.3	20.1
1 16	4 26.78	+27 33.5	1.935	2.706	15.3	20.3

107970 2001 FS_{126} 12 7.1 278.°08 12.°0/ 3.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.66	− 7 42.6	1.801	2.606	15.3	19.5
11 17	5 12.64	− 9 15.0	1.752	2.604	13.5	19.4
11 27	5 4.74	−10 24.8	1.726	2.603	12.3	19.3
12 7	4 55.85	−11 5.4	1.723	2.601	12.1	19.3
12 17	4 46.99	−11 13.2	1.744	2.600	13.1	19.3
12 27	4 39.25	−10 48.6	1.788	2.598	14.8	19.5
1 6	4 33.46	− 9 55.8	1.851	2.597	16.8	19.6
1 16	4 30.12	− 8 40.9	1.931	2.595	18.7	19.8

512008 2015 LY_{1} 12 7.1 239.°00 9.°4/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.64	− 2 27.0	1.724	2.542	15.3	21.9
11 17	5 17.06	− 2 40.5	1.651	2.531	12.7	21.7
11 27	5 7.16	− 2 32.4	1.601	2.519	10.3	21.5
12 7	4 55.89	− 1 58.9	1.577	2.507	9.4	21.4
12 17	4 44.45	− 0 58.9	1.581	2.494	10.6	21.4
12 27	4 34.15	+ 0 25.3	1.610	2.481	13.2	21.6
1 6	4 26.03	+ 2 8.1	1.664	2.467	16.1	21.7
1 16	4 20.74	+ 4 3.4	1.739	2.452	18.9	21.9

30013 2000 CV_{77} 12 7.1 142.°42 1.°3/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.56	+26 49.2	1.913	2.764	12.7	20.1
11 17	5 17.45	+26 45.4	1.853	2.776	9.0	19.9
11 27	5 7.21	+26 34.3	1.819	2.788	4.8	19.6
12 7	4 55.89	+26 15.4	1.814	2.798	1.3	19.4
12 17	4 44.75	+25 49.9	1.840	2.808	4.4	19.7
12 27	4 35.00	+25 21.0	1.894	2.818	8.4	19.9
1 6	4 27.57	+24 52.8	1.975	2.826	12.0	20.2
1 16	4 22.94	+24 28.5	2.078	2.834	14.9	20.4

513772 2012 XP_{116} 12 7.1 90.°51 4.°4/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.40	+10 26.1	1.700	2.555	13.8	20.2
11 17	5 15.91	+10 26.2	1.654	2.574	10.0	20.0
11 27	5 6.39	+10 35.5	1.632	2.592	6.3	19.8
12 7	4 55.88	+10 54.9	1.638	2.611	4.4	19.7
12 17	4 45.58	+11 24.5	1.673	2.628	6.5	19.9
12 27	4 36.65	+12 3.5	1.736	2.646	10.0	20.2
1 6	4 29.96	+12 50.2	1.824	2.663	13.3	20.4
1 16	4 25.97	+13 42.8	1.933	2.680	16.1	20.6

113158 2002 RV_{97} 12 7.1 104.°49 0.°5/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.67	+22 24.1	1.564	2.428	14.3	20.2
11 17	5 17.68	+22 7.7	1.516	2.446	10.0	20.0
11 27	5 7.35	+21 47.5	1.493	2.464	5.1	19.8
12 7	4 55.90	+21 24.3	1.497	2.482	0.5	19.4
12 17	4 44.75	+21 0.1	1.530	2.499	5.0	19.8
12 27	4 35.28	+20 38.2	1.590	2.515	9.6	20.1
1 6	4 28.43	+20 21.7	1.676	2.531	13.5	20.4
1 16	4 24.65	+20 12.6	1.782	2.547	16.7	20.7

448957 2011 WL_{88} 12 7.1 8.°63 0.°1/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.23	+23 22.9	1.615	2.485	13.6	21.3
11 17	5 14.06	+23 7.4	1.552	2.485	9.5	21.1
11 27	5 5.58	+22 47.4	1.514	2.486	5.0	20.8
12 7	4 55.87	+22 23.5	1.503	2.488	0.1	20.4
12 17	4 46.22	+21 57.7	1.519	2.490	4.8	20.8
12 27	4 37.95	+21 33.3	1.563	2.492	9.4	21.1
1 6	4 32.06	+21 13.4	1.631	2.495	13.4	21.3
1 16	4 29.08	+21 0.4	1.720	2.498	16.7	21.6

399697 2004 TZ_{148} 12 7.1 59.°49 1.°3/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.38	+26 42.9	1.988	2.846	12.0	21.1
11 17	5 13.85	+26 44.3	1.928	2.854	8.5	20.9
11 27	5 5.36	+26 39.4	1.893	2.862	4.6	20.7
12 7	4 55.87	+26 27.8	1.886	2.870	1.3	20.5
12 17	4 46.48	+26 10.3	1.909	2.878	4.2	20.7
12 27	4 38.29	+25 49.6	1.960	2.887	8.0	20.9
1 6	4 32.16	+25 28.8	2.038	2.895	11.4	21.2
1 16	4 28.56	+25 10.8	2.137	2.904	14.2	21.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
23716	1998 FA_{107}		12	7.1	131.°21	4.°1/ 8.3 18
	h m	° ′			°	m
11 7	5 28.97	+34 6.6	1.775	2.614	14.1	19.6
11 17	5 20.05	+34 16.9	1.720	2.629	10.5	19.4
11 27	5 8.61	+34 12.6	1.688	2.644	6.7	19.3
12 7	4 55.92	+33 51.3	1.685	2.658	4.1	19.1
12 17	4 43.52	+33 14.3	1.711	2.672	5.7	19.3
12 27	4 32.86	+32 26.2	1.766	2.684	9.2	19.5
1 6	4 24.98	+31 33.7	1.846	2.696	12.7	19.7
1 16	4 20.34	+30 42.8	1.948	2.707	15.7	20.0
421627	2014 OM_{295}		12	7.2	70.°31	0.°9/ 6.9 14 C
11 7	5 21.25	+20 14.4	2.105	2.963	11.4	21.6
11 17	5 14.08	+20 3.7	2.067	2.995	7.9	21.4
11 27	5 5.32	+19 52.1	2.056	3.026	4.1	21.2
12 7	4 55.88	+19 40.4	2.073	3.058	0.9	21.1
12 17	4 46.73	+19 29.6	2.122	3.089	4.0	21.4
12 27	4 38.81	+19 21.4	2.199	3.120	7.6	21.6
1 6	4 32.78	+19 17.4	2.303	3.150	10.6	21.9
1 16	4 29.03	+19 18.4	2.430	3.180	13.1	22.1
298207	2002 TT_{311}		12	7.2	96.°31	2.°5/ 7.5 18
11 7	5 25.69	+27 56.0	1.918	2.768	12.7	20.4
11 17	5 17.63	+28 40.8	1.866	2.787	9.1	20.2
11 27	5 7.35	+29 18.6	1.840	2.805	5.2	20.0
12 7	4 55.91	+29 46.7	1.843	2.823	2.5	19.9
12 17	4 44.58	+30 3.9	1.876	2.841	4.8	20.0
12 27	4 34.63	+30 11.8	1.938	2.859	8.4	20.3
1 6	4 27.02	+30 13.5	2.026	2.876	11.8	20.5
1 16	4 22.27	+30 12.9	2.136	2.893	14.5	20.8
153617	2001 TR_{17}		12	7.2	59.°59	1.°0/ 7.3 18
11 7	5 24.73	+25 4.9	1.341	2.213	15.8	19.5
11 17	5 17.36	+25 7.8	1.299	2.232	11.0	19.3
11 27	5 7.28	+25 4.2	1.279	2.251	5.8	19.1
12 7	4 55.93	+24 53.4	1.285	2.270	1.0	18.8
12 17	4 44.91	+24 36.9	1.319	2.290	5.3	19.1
12 27	4 35.81	+24 18.3	1.379	2.309	10.2	19.5
1 6	4 29.65	+24 1.7	1.462	2.329	14.4	19.8
1 16	4 26.89	+23 50.3	1.566	2.349	17.8	20.1
71731	2000 JO_{35}		12	7.2	14.°03	0.°4/ 7.2 18
11 7	5 18.01	+23 45.2	1.672	2.544	13.1	17.4
11 17	5 12.45	+23 45.2	1.616	2.549	9.2	17.2
11 27	5 4.73	+23 41.3	1.584	2.556	4.8	16.9
12 7	4 55.89	+23 33.4	1.578	2.563	0.4	16.6
12 17	4 47.13	+23 22.7	1.601	2.572	4.5	17.0
12 27	4 39.69	+23 11.5	1.650	2.581	8.9	17.2
1 6	4 34.48	+23 2.5	1.725	2.591	12.6	17.5
1 16	4 32.00	+22 57.6	1.820	2.602	15.8	17.7
82788	2001 QS_{22}		12	7.2	95.°25	0.°6/ 7.3 18
11 7	5 25.92	+23 57.3	1.580	2.443	14.3	19.2
11 17	5 17.92	+24 6.4	1.533	2.462	10.0	19.0
11 27	5 7.52	+24 10.7	1.510	2.481	5.2	18.8
12 7	4 55.95	+24 9.4	1.515	2.500	0.6	18.5
12 17	4 44.64	+24 3.2	1.548	2.518	4.8	18.9
12 27	4 34.99	+23 54.6	1.610	2.536	9.4	19.2
1 6	4 27.98	+23 47.0	1.696	2.554	13.3	19.5
1 16	4 24.10	+23 43.1	1.803	2.571	16.4	19.7
137955	2000 CD_{15}		12	7.2	25.°07	1.°6/ 7.4 18
11 7	5 21.14	+26 3.8	0.920	1.815	19.0	18.6
11 17	5 15.60	+26 4.9	0.885	1.828	13.4	18.3
11 27	5 6.60	+25 56.6	0.870	1.844	7.1	18.1
12 7	4 55.93	+25 38.5	0.876	1.861	1.6	17.8
12 17	4 45.70	+25 13.1	0.906	1.880	6.4	18.1
12 27	4 37.89	+24 45.8	0.959	1.900	12.2	18.5
1 6	4 33.70	+24 22.4	1.032	1.921	17.2	18.9
1 16	4 33.52	+24 6.2	1.123	1.943	21.2	19.2
63553	2001 QV_{6}		12	7.2	147.°56	0.°1/ 7.1 18
11 7	5 26.34	+23 20.1	1.344	2.214	15.8	19.8
11 17	5 18.67	+23 5.4	1.285	2.218	11.1	19.6
11 27	5 8.10	+22 45.1	1.250	2.222	5.8	19.3
12 7	4 55.97	+22 19.8	1.241	2.226	0.1	18.9
12 17	4 43.96	+21 51.6	1.259	2.230	5.6	19.3
12 27	4 33.78	+21 24.7	1.304	2.233	10.9	19.6
1 6	4 26.61	+21 3.3	1.373	2.236	15.5	19.9
1 16	4 23.01	+20 50.4	1.460	2.238	19.2	20.1
55594	2002 RE_{62}		12	7.2	41.°60	4.°3/ 6.3 18
11 7	5 19.81	+13 8.4	1.569	2.438	14.0	19.0
11 17	5 13.63	+12 35.7	1.519	2.447	10.1	18.8
11 27	5 5.31	+12 9.0	1.492	2.457	6.2	18.6
12 7	4 55.92	+11 51.4	1.492	2.467	4.3	18.5
12 17	4 46.69	+11 44.9	1.519	2.477	6.7	18.7
12 27	4 38.82	+11 50.7	1.573	2.488	10.5	18.9
1 6	4 33.23	+12 8.5	1.651	2.499	14.1	19.2
1 16	4 30.38	+12 36.8	1.748	2.510	17.1	19.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
71274	2000 AC_{37}		12	7.2	133.°67	3.°2/ 8.3 18
	h m	° ′			°	m
11 7	5 21.23	+33 42.1	2.361	3.198	11.1	18.7
11 17	5 14.32	+33 44.3	2.293	3.203	8.2	18.5
11 27	5 5.59	+33 35.7	2.251	3.207	5.2	18.3
12 7	4 55.93	+33 15.3	2.238	3.211	3.3	18.2
12 17	4 46.35	+32 43.7	2.255	3.216	4.5	18.3
12 27	4 37.90	+32 4.0	2.301	3.220	7.4	18.5
1 6	4 31.36	+31 20.3	2.374	3.224	10.3	18.7
1 16	4 27.22	+30 36.9	2.471	3.228	12.8	18.9
73603	3214 $T\text{-}_{2}$		12	7.2	70.°58	2.°7/ 7.7 18
11 7	5 26.28	+28 48.4	1.620	2.476	14.3	19.3
11 17	5 18.14	+29 13.8	1.580	2.504	10.2	19.1
11 27	5 7.61	+29 29.6	1.565	2.531	5.8	19.0
12 7	4 55.96	+29 33.9	1.578	2.558	2.7	18.8
12 17	4 44.67	+29 26.9	1.619	2.586	5.1	19.0
12 27	4 35.14	+29 12.0	1.688	2.613	9.1	19.3
1 6	4 28.30	+28 53.7	1.782	2.639	12.7	19.6
1 16	4 24.60	+28 36.2	1.897	2.666	15.7	19.9
88239	2001 CU_{19}		12	7.2	166.°78	0.°8/ 6.9 18
11 7	5 19.57	+19 19.0	2.437	3.292	10.2	19.4
11 17	5 13.04	+19 31.1	2.368	3.294	7.1	19.2
11 27	5 4.92	+19 43.5	2.325	3.296	3.7	19.0
12 7	4 55.93	+19 56.2	2.313	3.297	0.8	18.7
12 17	4 46.91	+20 9.1	2.331	3.299	3.7	19.0
12 27	4 38.76	+20 22.9	2.380	3.300	7.1	19.2
1 6	4 32.20	+20 38.3	2.455	3.301	10.1	19.4
1 16	4 27.71	+20 56.3	2.554	3.302	12.6	19.6
82884	2001 QQ_{75}		12	7.2	73.°10	3.°9/ 7.9 18
11 7	5 24.64	+32 17.1	1.839	2.686	13.3	19.0
11 17	5 17.05	+32 55.9	1.788	2.703	9.8	18.9
11 27	5 7.11	+33 23.7	1.762	2.720	6.2	18.7
12 7	4 55.96	+33 37.3	1.763	2.737	3.9	18.6
12 17	4 44.95	+33 36.4	1.794	2.754	5.5	18.7
12 27	4 35.43	+33 23.6	1.852	2.771	8.9	19.0
1 6	4 28.39	+33 3.5	1.936	2.788	12.1	19.2
1 16	4 24.34	+32 41.1	2.041	2.805	14.9	19.4
267961	2004 FD_{39}		12	7.2	181.°41	1.°7/ 7.5 18
11 7	5 25.32	+26 46.4	1.700	2.557	13.7	21.2
11 17	5 17.69	+26 58.0	1.633	2.558	9.8	20.9
11 27	5 7.53	+27 2.6	1.590	2.558	5.4	20.7
12 7	4 55.97	+26 58.5	1.575	2.558	1.7	20.4
12 17	4 44.40	+26 46.1	1.589	2.558	4.9	20.7
12 27	4 34.27	+26 28.2	1.632	2.557	9.3	20.9
1 6	4 26.67	+26 8.9	1.699	2.556	13.3	21.2
1 16	4 22.21	+25 52.2	1.788	2.554	16.6	21.4
399738	2005 EH_{166}		12	7.2	291.°07	5.°4/ 5.7 18
11 7	5 19.44	+10 31.3	1.697	2.559	13.5	21.4
11 17	5 13.44	+ 9 41.9	1.626	2.548	10.0	21.1
11 27	5 5.30	+ 8 59.1	1.579	2.537	6.8	20.9
12 7	4 55.94	+ 8 27.3	1.560	2.526	5.5	20.8
12 17	4 46.50	+ 8 9.6	1.567	2.516	7.6	20.9
12 27	4 38.19	+ 8 8.1	1.602	2.505	11.1	21.1
1 6	4 31.97	+ 8 22.5	1.659	2.494	14.7	21.3
1 16	4 28.43	+ 8 51.1	1.737	2.484	17.7	21.5
302637	2002 RS_{134}		12	7.2	28.°28	9.°2/ 6.2 18
11 7	5 19.50	+ 0 11.5	1.530	2.373	15.7	19.8
11 17	5 13.43	− 0 21.7	1.482	2.379	12.7	19.6
11 27	5 5.23	− 0 34.6	1.457	2.386	10.2	19.5
12 7	4 55.94	− 0 23.2	1.456	2.394	9.2	19.4
12 17	4 46.77	+ 0 13.7	1.480	2.402	10.5	19.5
12 27	4 38.94	+ 1 13.9	1.529	2.411	13.1	19.7
1 6	4 33.33	+ 2 32.6	1.601	2.420	15.9	19.9
1 16	4 30.48	+ 4 4.0	1.692	2.429	18.5	20.1
68174	2001 BY_{39}		12	7.2	211.°76	0.°0/ 7.2 18
11 7	5 19.23	+23 50.4	2.390	3.245	10.3	19.8
11 17	5 12.85	+23 32.5	2.315	3.241	7.2	19.6
11 27	5 4.84	+23 10.5	2.267	3.237	3.8	19.4
12 7	4 55.94	+22 44.9	2.248	3.233	0.1	19.0
12 17	4 47.06	+22 17.3	2.260	3.229	3.6	19.4
12 27	4 39.11	+21 50.0	2.302	3.225	7.2	19.6
1 6	4 32.82	+21 25.4	2.371	3.220	10.3	19.8
1 16	4 28.67	+21 5.6	2.463	3.215	12.9	20.0
50556	2000 EQ_{24}		12	7.2	36.°22	2.°1/ 7.6 18
11 7	5 22.42	+27 26.9	1.340	2.213	15.7	17.9
11 17	5 15.82	+27 37.6	1.299	2.231	11.1	17.7
11 27	5 6.54	+27 39.3	1.280	2.250	6.1	17.5
12 7	4 55.97	+27 30.9	1.287	2.270	2.1	17.3
12 17	4 45.72	+27 13.6	1.321	2.291	5.4	17.5
12 27	4 37.35	+26 51.3	1.380	2.312	10.1	17.9
1 6	4 31.87	+26 28.7	1.463	2.334	14.2	18.2
1 16	4 29.72	+26 9.8	1.566	2.357	17.5	18.5

332577 2008 SB_{73} 12 7.2 75.°07 2.°1/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.71	+15 24.6	2.252	3.110	10.8	20.4
11 17	5 12.47	+15 28.6	2.191	3.117	7.6	20.2
11 27	5 4.63	+15 35.9	2.157	3.124	4.3	20.0
12 7	4 55.94	+15 46.9	2.151	3.131	2.1	19.9
12 17	4 47.29	+16 2.1	2.175	3.139	4.4	20.1
12 27	4 39.58	+16 21.8	2.229	3.146	7.7	20.3
1 6	4 33.52	+16 45.9	2.309	3.153	10.7	20.5
1 16	4 29.58	+17 14.5	2.412	3.160	13.3	20.7

497535 2006 BN_{245} 12 7.2 265.°14 19.°2/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.30	−15 14.1	1.116	1.910	23.4	21.2
11 17	5 19.02	−16 24.2	1.066	1.902	21.3	21.1
11 27	5 8.46	−16 50.7	1.032	1.894	19.7	20.9
12 7	4 56.01	−16 22.7	1.015	1.886	19.2	20.9
12 17	4 43.46	−14 56.2	1.018	1.877	20.0	20.9
12 27	4 32.72	−12 36.5	1.039	1.869	21.8	21.0
1 6	4 25.20	− 9 36.8	1.078	1.860	24.3	21.1
1 16	4 21.59	− 6 12.4	1.133	1.851	26.8	21.3

486650 2013 PK_{72} 12 7.2 233.°55 11.°2/ 2.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.98	−14 46.5	2.476	3.225	13.2	21.4
11 17	5 11.18	−15 54.9	2.424	3.219	12.1	21.3
11 27	5 3.95	−16 41.8	2.393	3.213	11.4	21.2
12 7	4 55.94	−17 2.7	2.386	3.207	11.3	21.2
12 17	4 47.93	−16 55.5	2.403	3.201	11.9	21.3
12 27	4 40.73	−16 20.6	2.441	3.194	13.0	21.3
1 6	4 34.99	−15 21.5	2.500	3.188	14.3	21.4
1 16	4 31.15	−14 2.8	2.577	3.181	15.6	21.5

341958 Chrétien 12 7.2 108.°59 1.°7/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.90	+27 57.7	1.730	2.584	13.6	20.9
11 17	5 17.81	+27 51.6	1.678	2.602	9.7	20.7
11 27	5 7.44	+27 36.5	1.652	2.619	5.3	20.5
12 7	4 56.00	+27 12.0	1.653	2.637	1.7	20.3
12 17	4 44.84	+26 39.8	1.685	2.653	4.7	20.6
12 27	4 35.29	+26 3.9	1.744	2.669	8.9	20.8
1 6	4 28.27	+25 29.0	1.829	2.685	12.5	21.1
1 16	4 24.23	+24 58.8	1.936	2.700	15.6	21.3

132760 2002 PB_{70} 12 7.2 72.°28 7.°2/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.81	+ 5 22.1	1.704	2.552	14.1	19.6
11 17	5 14.63	+ 4 17.4	1.675	2.582	10.9	19.5
11 27	5 5.67	+ 3 26.4	1.670	2.611	8.1	19.4
12 7	4 56.00	+ 2 53.4	1.692	2.641	7.2	19.4
12 17	4 46.70	+ 2 40.6	1.742	2.670	8.7	19.5
12 27	4 38.81	+ 2 48.0	1.818	2.698	11.3	19.8
1 6	4 33.05	+ 3 12.9	1.917	2.727	14.0	20.0
1 16	4 29.78	+ 3 51.9	2.036	2.755	16.3	20.2

187102 2005 QC_{30} 12 7.2 87.°45 0.°9/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.11	+25 30.1	1.529	2.390	14.8	20.4
11 17	5 18.72	+25 25.2	1.488	2.416	10.3	20.2
11 27	5 7.92	+25 13.2	1.471	2.442	5.4	20.0
12 7	4 56.05	+24 54.1	1.482	2.467	0.9	19.8
12 17	4 44.61	+24 29.7	1.522	2.491	4.9	20.1
12 27	4 34.99	+24 3.6	1.589	2.516	9.4	20.4
1 6	4 28.13	+23 40.2	1.681	2.539	13.3	20.7
1 16	4 24.45	+23 22.3	1.794	2.562	16.5	21.0

323342 2003 UK_{261} 12 7.2 66.°60 4.°3/ 8.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.82	+34 16.2	2.134	2.972	12.1	20.3
11 17	5 15.69	+34 57.8	2.075	2.983	9.1	20.2
11 27	5 6.44	+35 28.4	2.042	2.993	6.1	20.0
12 7	4 56.03	+35 45.1	2.036	3.004	4.3	19.9
12 17	4 45.65	+35 47.1	2.060	3.014	5.5	20.0
12 27	4 36.50	+35 36.6	2.112	3.025	8.3	20.2
1 6	4 29.51	+35 17.5	2.190	3.036	11.1	20.4
1 16	4 25.22	+34 54.5	2.290	3.047	13.7	20.6

491434 2012 FB_{22} 12 7.2 194.°37 6.°1/ 8.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.72	+41 41.9	2.434	3.240	11.8	21.3
11 17	5 17.08	+42 24.8	2.362	3.239	9.5	21.1
11 27	5 7.21	+42 52.9	2.314	3.237	7.3	21.0
12 7	4 56.05	+43 2.7	2.294	3.236	6.1	20.9
12 17	4 44.81	+42 52.9	2.303	3.234	6.7	21.0
12 27	4 34.75	+42 25.9	2.340	3.232	8.6	21.1
1 6	4 26.87	+41 46.4	2.403	3.230	11.0	21.2
1 16	4 21.78	+41 0.4	2.488	3.227	13.1	21.4

49976 1999 YR_4 12 7.2 138.°61 2.°0/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.06	+29 11.4	1.645	2.500	14.2	19.3
11 17	5 18.14	+28 55.5	1.585	2.508	10.2	19.1
11 27	5 7.73	+28 28.5	1.549	2.516	5.7	18.8
12 7	4 56.06	+27 49.9	1.540	2.523	2.0	18.6
12 17	4 44.60	+27 2.3	1.561	2.530	5.0	18.8
12 27	4 34.79	+26 10.6	1.609	2.536	9.4	19.1
1 6	4 27.64	+25 20.6	1.683	2.542	13.3	19.3
1 16	4 23.67	+24 36.9	1.779	2.547	16.6	19.6

96050 2004 QM_{14} 12 7.2 101.°87 0.°7/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.69	+22 20.2	2.073	2.933	11.4	20.0
11 17	5 13.29	+21 47.4	2.007	2.936	8.0	19.8
11 27	5 5.11	+21 10.8	1.968	2.940	4.1	19.6
12 7	4 56.02	+20 32.1	1.958	2.943	0.7	19.3
12 17	4 47.03	+19 53.6	1.978	2.946	4.2	19.6
12 27	4 39.14	+19 18.4	2.026	2.949	8.0	19.8
1 6	4 33.13	+18 49.2	2.101	2.952	11.4	20.1
1 16	4 29.48	+18 27.7	2.198	2.955	14.2	20.3

388914 2008 SR_{112} 12 7.2 356.°78 2.°7/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.55	+27 51.8	1.556	2.418	14.5	21.0
11 17	5 17.44	+28 27.5	1.491	2.418	10.4	20.8
11 27	5 7.56	+28 55.8	1.450	2.418	6.0	20.5
12 7	4 56.07	+29 13.8	1.436	2.417	2.7	20.3
12 17	4 44.49	+29 20.3	1.450	2.417	5.5	20.5
12 27	4 34.43	+29 17.3	1.491	2.417	9.9	20.7
1 6	4 27.10	+29 9.2	1.556	2.417	14.0	21.0
1 16	4 23.15	+29 0.2	1.641	2.418	17.4	21.2

206484 2003 UJ_{66} 12 7.2 35.°35 6.°7/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.35	+ 7 26.0	1.363	2.230	15.9	19.3
11 17	5 14.18	+ 7 1.3	1.321	2.242	12.0	19.1
11 27	5 5.69	+ 6 50.9	1.300	2.255	8.3	18.9
12 7	4 56.04	+ 6 58.0	1.304	2.269	6.7	18.9
12 17	4 46.58	+ 7 23.6	1.335	2.283	8.6	19.0
12 27	4 38.68	+ 8 6.3	1.390	2.298	12.1	19.3
1 6	4 33.26	+ 9 2.8	1.468	2.313	15.6	19.5
1 16	4 30.83	+10 9.3	1.565	2.329	18.6	19.8

252562 2001 WM_{20} 12 7.2 123.°40 2.°8/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.12	+30 12.2	2.083	2.930	12.0	20.4
11 17	5 15.86	+30 39.6	2.020	2.937	8.7	20.2
11 27	5 6.53	+30 58.7	1.982	2.944	5.2	20.0
12 7	4 56.06	+31 7.3	1.973	2.951	2.8	19.8
12 17	4 45.61	+31 5.3	1.993	2.957	4.7	20.0
12 27	4 36.36	+30 54.5	2.043	2.964	8.0	20.2
1 6	4 29.24	+30 38.6	2.119	2.970	11.3	20.4
1 16	4 24.77	+30 21.5	2.217	2.976	14.0	20.6

392032 2009 BG_{41} 12 7.2 237.°25 1.°2/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.64	+19 12.9	2.020	2.879	11.8	21.7
11 17	5 14.85	+19 10.1	1.941	2.869	8.3	21.5
11 27	5 6.04	+19 7.2	1.888	2.859	4.4	21.3
12 7	4 56.05	+19 4.8	1.864	2.848	1.2	21.0
12 17	4 45.94	+19 3.5	1.870	2.837	4.5	21.2
12 27	4 36.83	+19 4.8	1.904	2.825	8.5	21.4
1 6	4 29.65	+19 10.1	1.965	2.813	12.1	21.6
1 16	4 24.99	+19 20.6	2.048	2.801	15.2	21.8

333817 2012 FN_{39} 12 7.2 149.°85 4.°6/ 9.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.02	+40 10.8	2.867	3.673	10.2	21.4
11 17	5 15.43	+40 23.8	2.800	3.682	8.0	21.2
11 27	5 6.17	+40 23.7	2.759	3.690	5.9	21.1
12 7	4 56.05	+40 8.9	2.746	3.698	4.6	21.0
12 17	4 46.04	+39 39.7	2.764	3.705	5.2	21.1
12 27	4 37.10	+38 58.6	2.811	3.712	7.0	21.2
1 6	4 29.96	+38 9.8	2.886	3.718	9.2	21.4
1 16	4 25.07	+37 17.8	2.985	3.724	11.2	21.5

92492 2000 MV_3 12 7.2 141.°80 1.°0/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.94	+18 51.9	1.981	2.834	12.2	19.7
11 17	5 17.00	+19 5.4	1.921	2.847	8.5	19.5
11 27	5 7.07	+19 19.6	1.888	2.858	4.5	19.3
12 7	4 56.09	+19 33.9	1.885	2.869	1.0	19.0
12 17	4 45.18	+19 48.3	1.912	2.879	4.4	19.3
12 27	4 35.49	+20 3.6	1.969	2.889	8.4	19.6
1 6	4 27.90	+20 20.8	2.052	2.898	11.8	19.8
1 16	4 22.90	+20 40.9	2.158	2.906	14.7	20.0

228943 2003 TX_{49} 12 7.2 63.°13 9.°0/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.57	− 4 14.2	2.114	2.926	13.1	20.1
11 17	5 11.65	− 5 0.8	2.071	2.938	11.0	20.0
11 27	5 4.21	− 5 29.2	2.052	2.951	9.5	19.9
12 7	4 56.04	− 5 35.6	2.058	2.963	9.0	19.9
12 17	4 48.00	− 5 18.8	2.091	2.976	9.9	20.0
12 27	4 40.95	− 4 39.9	2.149	2.989	11.6	20.1
1 6	4 35.57	− 3 42.2	2.229	3.002	13.5	20.3
1 16	4 32.25	− 2 30.3	2.330	3.015	15.3	20.5

264401 2000 EK_{200} 12 7.2 217.°50 8.°1/10.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.48	+54 10.3	3.030	3.756	11.5	21.1
11 17	5 20.49	+54 51.8	2.950	3.748	10.1	21.0
11 27	5 9.02	+55 14.4	2.894	3.739	8.9	20.9
12 7	4 56.13	+55 13.8	2.863	3.730	8.2	20.8
12 17	4 43.19	+54 48.7	2.858	3.721	8.3	20.8
12 27	4 31.61	+54 1.3	2.880	3.711	9.2	20.9
1 6	4 22.48	+52 56.7	2.927	3.701	10.6	20.9
1 16	4 16.40	+51 41.7	2.996	3.691	12.0	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
6149 Pelčák			12 7.2	63.°53	4.°7/ 8.3	18
	h m	° ′			°	m
11 7	5 27.34	+33 40.3	1.353	2.209	16.6	17.6
11 17	5 19.42	+33 58.6	1.309	2.228	12.3	17.4
11 27	5 8.50	+34 0.2	1.288	2.247	7.8	17.2
12 7	4 56.13	+33 42.5	1.292	2.267	4.8	17.0
12 17	4 44.17	+33 6.8	1.323	2.286	6.6	17.2
12 27	4 34.36	+32 19.1	1.380	2.306	10.6	17.5
1 6	4 27.81	+31 27.3	1.460	2.326	14.6	17.8
1 16	4 24.98	+30 38.2	1.561	2.345	17.9	18.0
407644 2011 EL_{63}			12 7.2	255.°88	0.°6/ 7.3	18
11 7	5 20.47	+23 24.6	2.533	3.384	10.0	20.8
11 17	5 13.85	+23 53.4	2.447	3.371	7.0	20.6
11 27	5 5.50	+24 20.4	2.388	3.358	3.7	20.4
12 7	4 56.09	+24 44.6	2.359	3.344	0.6	20.1
12 17	4 46.51	+25 5.1	2.362	3.330	3.6	20.3
12 27	4 37.68	+25 22.3	2.395	3.317	7.0	20.5
1 6	4 30.41	+25 37.5	2.455	3.302	10.1	20.7
1 16	4 25.26	+25 52.3	2.539	3.288	12.7	20.9
319347 2006 CD_{17}			12 7.2	69.°85	5.°4/ 6.1	18
11 7	5 18.59	+ 7 12.0	2.047	2.896	12.1	20.3
11 17	5 12.42	+ 6 45.4	1.997	2.909	9.1	20.1
11 27	5 4.64	+ 6 28.7	1.973	2.922	6.4	20.0
12 7	4 56.08	+ 6 24.3	1.977	2.936	5.4	20.0
12 17	4 47.64	+ 6 33.3	2.009	2.950	6.8	20.1
12 27	4 40.24	+ 6 55.8	2.069	2.963	9.5	20.3
1 6	4 34.59	+ 7 30.1	2.153	2.977	12.2	20.5
1 16	4 31.12	+ 8 14.2	2.259	2.990	14.6	20.7
68883 2002 JQ_{60}			12 7.2	125.°93	0.°7/ 7.4	18
11 7	5 23.80	+26 27.3	2.005	2.857	12.1	19.7
11 17	5 16.16	+26 1.9	1.947	2.871	8.5	19.5
11 27	5 6.59	+25 29.2	1.915	2.884	4.5	19.3
12 7	4 56.12	+24 50.0	1.912	2.897	0.8	19.0
12 17	4 45.86	+24 6.6	1.940	2.909	4.1	19.3
12 27	4 36.94	+23 22.7	1.997	2.921	8.0	19.6
1 6	4 30.15	+22 42.2	2.081	2.932	11.4	19.8
1 16	4 25.95	+22 8.0	2.188	2.943	14.3	20.1
418569 2008 ST_{157}			12 7.2	15.°49	4.°4/ 5.9	18
11 7	5 16.63	+13 16.7	1.648	2.520	13.3	20.1
11 17	5 11.40	+12 25.8	1.597	2.526	9.6	19.9
11 27	5 4.23	+11 40.2	1.570	2.534	6.0	19.7
12 7	4 56.08	+11 3.5	1.569	2.542	4.4	19.6
12 17	4 48.06	+10 39.0	1.596	2.551	6.7	19.8
12 27	4 41.28	+10 28.5	1.649	2.561	10.2	20.0
1 6	4 36.55	+10 32.0	1.725	2.572	13.6	20.2
1 16	4 34.34	+10 48.3	1.822	2.584	16.5	20.4
297159 2010 VN_{13}			12 7.2	61.°65	0.°3/ 7.1	18
11 7	5 27.62	+22 51.3	1.123	2.001	17.7	20.0
11 17	5 19.49	+22 37.3	1.093	2.029	12.3	19.8
11 27	5 8.45	+22 18.6	1.084	2.057	6.3	19.5
12 7	4 56.16	+21 56.2	1.100	2.085	0.3	19.2
12 17	4 44.53	+21 32.6	1.142	2.113	5.9	19.7
12 27	4 35.22	+21 12.0	1.210	2.141	11.2	20.1
1 6	4 29.26	+20 58.1	1.300	2.169	15.7	20.4
1 16	4 26.98	+20 52.7	1.409	2.197	19.3	20.7
395703 2012 SB			12 7.2	19.°38	20.°1/28.2	17
11 7	5 20.44	− 3 54.0	0.793	1.665	23.7	19.3
11 17	5 15.10	− 8 12.1	0.772	1.668	21.2	19.2
11 27	5 6.43	−11 50.5	0.768	1.673	20.1	19.1
12 7	4 56.13	−14 27.5	0.784	1.678	20.7	19.2
12 17	4 46.19	−15 52.2	0.816	1.685	22.7	19.4
12 27	4 38.54	−16 6.9	0.863	1.693	25.2	19.6
1 6	4 34.35	−15 23.8	0.921	1.702	27.6	19.8
1 16	4 34.08	−13 58.0	0.990	1.712	29.7	20.0
260377 2004 VB_{31}			12 7.2	308.°33	1.°7/ 7.4	18
11 7	5 21.31	+25 51.6	2.045	2.902	11.8	20.1
11 17	5 14.75	+26 28.1	1.969	2.894	8.4	19.9
11 27	5 6.07	+27 0.9	1.919	2.887	4.6	19.6
12 7	4 56.13	+27 27.8	1.898	2.881	1.7	19.4
12 17	4 46.01	+27 47.8	1.906	2.874	4.3	19.6
12 27	4 36.91	+28 1.3	1.943	2.867	8.2	19.8
1 6	4 29.80	+28 10.7	2.006	2.861	11.6	20.0
1 16	4 25.31	+28 18.5	2.091	2.855	14.6	20.2
356613 2011 UM_8			12 7.2	354.°83	0.°5/ 7.3	18
11 7	5 21.56	+23 49.7	1.720	2.585	13.2	20.9
11 17	5 15.05	+23 56.1	1.653	2.584	9.3	20.7
11 27	5 6.23	+23 58.6	1.612	2.583	4.9	20.4
12 7	4 56.13	+23 56.6	1.598	2.583	0.5	20.1
12 17	4 46.01	+23 50.7	1.612	2.582	4.6	20.4
12 27	4 37.19	+23 42.9	1.654	2.582	9.0	20.7
1 6	4 30.66	+23 36.1	1.721	2.582	12.9	20.9
1 16	4 27.02	+23 32.7	1.810	2.583	16.2	21.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
254929 2005 SG_{135}			12 7.2	76.°99	1.°2/ 6.9	18
	h m	° ′			°	m
11 7	5 20.30	+19 58.3	1.923	2.786	12.1	21.1
11 17	5 13.82	+19 44.1	1.864	2.794	8.4	20.9
11 27	5 5.46	+19 29.1	1.831	2.802	4.4	20.6
12 7	4 56.12	+19 14.1	1.826	2.810	1.2	20.4
12 17	4 46.89	+19 0.7	1.850	2.818	4.5	20.7
12 27	4 38.82	+18 50.8	1.903	2.826	8.4	20.9
1 6	4 32.76	+18 46.1	1.982	2.834	11.9	21.2
1 16	4 29.17	+18 47.6	2.082	2.843	14.7	21.4
31960 2000 GC_{142}			12 7.2	95.°85	5.°8/ 6.4	18
11 7	5 24.54	+ 7 25.2	1.734	2.581	14.0	19.2
11 17	5 16.62	+ 7 0.8	1.697	2.608	10.4	19.0
11 27	5 6.81	+ 6 47.8	1.684	2.635	7.2	18.9
12 7	4 56.16	+ 6 48.6	1.699	2.661	5.8	18.8
12 17	4 45.84	+ 7 4.0	1.743	2.686	7.4	19.0
12 27	4 36.95	+ 7 33.3	1.814	2.711	10.5	19.2
1 6	4 30.27	+ 8 14.4	1.910	2.735	13.5	19.5
1 16	4 26.21	+ 9 4.6	2.027	2.758	16.0	19.7
226078 2002 KG_{16}			12 7.2	171.°52	2.°5/ 6.7	18
11 7	5 18.84	+12 59.0	2.712	3.559	9.5	20.4
11 17	5 12.43	+13 1.9	2.643	3.562	6.8	20.3
11 27	5 4.65	+13 9.0	2.601	3.564	4.1	20.1
12 7	4 56.14	+13 21.0	2.590	3.566	2.5	20.0
12 17	4 47.61	+13 38.2	2.610	3.567	4.3	20.1
12 27	4 39.83	+14 0.7	2.660	3.568	7.0	20.3
1 6	4 33.43	+14 28.3	2.737	3.569	9.6	20.5
1 16	4 28.83	+15 0.5	2.838	3.570	11.9	20.6
53711 2000 DP_{108}			12 7.2	321.°24	2.°7/ 6.6	18
11 7	5 21.21	+18 1.2	1.293	2.172	15.7	19.2
11 17	5 15.34	+17 33.3	1.225	2.161	11.2	18.9
11 27	5 6.60	+17 6.1	1.179	2.151	6.2	18.6
12 7	4 56.18	+16 42.0	1.159	2.141	2.7	18.4
12 17	4 45.63	+16 23.8	1.165	2.132	6.6	18.6
12 27	4 36.59	+16 14.6	1.196	2.123	11.8	18.8
1 6	4 30.35	+16 16.5	1.249	2.115	16.4	19.1
1 16	4 27.58	+16 29.7	1.320	2.108	20.4	19.3
22153 Kathbarnhart			12 7.2	285.°89	1.°1/ 6.9	18
11 7	5 21.55	+20 38.2	1.653	2.521	13.5	18.9
11 17	5 15.19	+20 24.9	1.576	2.508	9.5	18.6
11 27	5 6.40	+20 9.7	1.524	2.496	5.0	18.3
12 7	4 56.18	+19 53.5	1.499	2.484	1.1	18.0
12 17	4 45.82	+19 37.9	1.503	2.472	5.1	18.3
12 27	4 36.69	+19 25.3	1.533	2.459	9.8	18.5
1 6	4 29.87	+19 18.4	1.589	2.447	14.0	18.7
1 16	4 26.03	+19 18.8	1.664	2.435	17.5	19.0
314366 2005 UM_{39}			12 7.2	92.°88	0.°6/ 7.0	18
11 7	5 20.08	+21 31.6	2.041	2.901	11.6	21.3
11 17	5 13.64	+21 17.6	1.978	2.907	8.1	21.1
11 27	5 5.38	+21 1.4	1.942	2.913	4.2	20.8
12 7	4 56.17	+20 43.6	1.935	2.919	0.6	20.6
12 17	4 47.04	+20 25.8	1.957	2.925	4.2	20.9
12 27	4 39.03	+20 10.2	2.008	2.931	8.0	21.1
1 6	4 32.91	+19 58.6	2.084	2.937	11.4	21.3
1 16	4 29.19	+19 52.8	2.184	2.943	14.2	21.5
441191 2007 UC_7			12 7.2	32.°52	6.°7/10.1	17
11 7	5 26.43	+40 56.2	1.236	2.082	18.5	20.1
11 17	5 18.91	+40 21.5	1.194	2.101	14.3	19.9
11 27	5 8.21	+39 18.5	1.173	2.121	10.0	19.7
12 7	4 56.22	+37 46.8	1.175	2.142	6.9	19.6
12 17	4 45.01	+35 52.7	1.204	2.163	7.7	19.7
12 27	4 36.37	+33 47.9	1.258	2.186	11.2	20.0
1 6	4 31.27	+31 45.0	1.336	2.210	15.1	20.3
1 16	4 29.95	+29 53.4	1.435	2.234	18.4	20.6
385270 2001 RV_{107}			12 7.2	18.°55	1.°2/ 7.4	18
11 7	5 21.44	+25 1.4	1.096	1.982	17.3	19.9
11 17	5 15.72	+25 8.2	1.048	1.988	12.3	19.6
11 27	5 6.81	+25 8.1	1.022	1.995	6.5	19.3
12 7	4 56.21	+25 0.4	1.019	2.004	1.2	19.0
12 17	4 45.78	+24 46.3	1.041	2.013	6.0	19.4
12 27	4 37.38	+24 29.8	1.087	2.024	11.5	19.7
1 6	4 32.25	+24 15.3	1.154	2.036	16.3	20.0
1 16	4 30.93	+24 6.3	1.240	2.049	20.2	20.3
443848 2001 PY_{29}			12 7.2	71.°74	0.°4/ 7.1	17
11 7	5 24.40	+23 11.7	1.805	2.663	13.0	20.9
11 17	5 16.49	+22 43.1	1.770	2.697	9.0	20.7
11 27	5 6.72	+22 10.4	1.760	2.731	4.6	20.5
12 7	4 56.21	+21 35.1	1.780	2.765	0.4	20.2
12 17	4 46.15	+20 59.7	1.829	2.798	4.4	20.6
12 27	4 37.63	+20 27.5	1.907	2.831	8.3	20.9
1 6	4 31.38	+20 1.3	2.011	2.863	11.8	21.2
1 16	4 27.76	+19 42.7	2.137	2.894	14.5	21.5

381344 2008 CM_{49} 12 7.2 171.°54 0.°9/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.28	+20 35.1	1.674	2.535	13.7	21.6
11 17	5 17.63	+20 29.2	1.609	2.538	9.6	21.4
11 27	5 7.59	+20 21.8	1.570	2.541	5.0	21.1
12 7	4 56.24	+20 13.1	1.558	2.543	0.9	20.8
12 17	4 44.92	+20 4.2	1.576	2.544	5.0	21.1
12 27	4 35.00	+19 57.4	1.622	2.545	9.5	21.4
1 6	4 27.51	+19 55.0	1.692	2.545	13.5	21.7
1 16	4 23.03	+19 58.6	1.784	2.545	16.8	21.9

246075 2006 WK_{120} 12 7.2 333.°67 0.°2/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.90	+21 52.8	1.833	2.695	12.6	20.3
11 17	5 15.25	+22 18.6	1.764	2.693	8.9	20.1
11 27	5 6.37	+22 43.5	1.720	2.692	4.6	19.8
12 7	4 56.22	+23 6.0	1.705	2.690	0.2	19.5
12 17	4 45.97	+23 25.6	1.718	2.688	4.4	19.8
12 27	4 36.88	+23 42.8	1.760	2.687	8.7	20.1
1 6	4 29.94	+23 59.3	1.828	2.685	12.5	20.3
1 16	4 25.76	+24 16.8	1.917	2.684	15.6	20.5

172620 2003 WD_{140} 12 7.2 84.°06 0.°8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.79	+24 51.0	1.728	2.588	13.3	20.2
11 17	5 16.42	+24 54.0	1.678	2.606	9.4	20.0
11 27	5 6.86	+24 51.6	1.652	2.623	4.9	19.8
12 7	4 56.23	+24 43.5	1.655	2.640	0.8	19.5
12 17	4 45.81	+24 30.6	1.687	2.657	4.5	19.9
12 27	4 36.86	+24 15.5	1.747	2.674	8.7	20.1
1 6	4 30.29	+24 1.6	1.832	2.690	12.4	20.4
1 16	4 26.58	+23 51.3	1.939	2.706	15.4	20.6

233441 2006 HE_{78} 12 7.2 9.°62 9.°8/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.58	+45 9.3	1.763	2.571	15.5	19.6
11 17	5 20.18	+46 52.0	1.706	2.573	13.0	19.5
11 27	5 9.32	+48 14.6	1.670	2.576	10.9	19.3
12 7	4 56.29	+49 9.1	1.660	2.579	9.8	19.3
12 17	4 42.90	+49 31.4	1.675	2.583	10.4	19.3
12 27	4 31.21	+49 23.7	1.715	2.588	12.3	19.5
1 6	4 22.78	+48 53.3	1.777	2.594	14.6	19.6
1 16	4 18.42	+48 9.3	1.858	2.600	16.9	19.8

370898 2005 EZ_{329} 12 7.2 207.°88 2.°7/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.14	+31 44.0	2.513	3.353	10.4	21.5
11 17	5 13.63	+31 56.9	2.439	3.352	7.6	21.3
11 27	5 5.40	+32 1.4	2.391	3.350	4.7	21.1
12 7	4 56.21	+31 56.3	2.372	3.348	2.7	21.0
12 17	4 47.00	+31 41.8	2.384	3.346	4.1	21.1
12 27	4 38.74	+31 19.7	2.425	3.344	7.0	21.3
1 6	4 32.20	+30 53.4	2.493	3.342	9.8	21.4
1 16	4 27.89	+30 26.2	2.584	3.340	12.3	21.6

133001 2002 TF_{282} 12 7.2 85.°61 0.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.34	+24 3.7	1.911	2.767	12.5	20.3
11 17	5 16.46	+23 42.3	1.870	2.796	8.7	20.1
11 27	5 6.75	+23 16.2	1.854	2.825	4.5	19.9
12 7	4 56.24	+22 46.1	1.868	2.853	0.1	19.6
12 17	4 46.11	+22 14.4	1.912	2.881	4.2	20.0
12 27	4 37.41	+21 44.0	1.985	2.909	8.1	20.3
1 6	4 30.91	+21 17.9	2.085	2.936	11.4	20.5
1 16	4 26.99	+20 58.3	2.207	2.962	14.2	20.8

223104 2002 US_{66} 12 7.2 245.°37 4.°2/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.52	+14 4.5	1.496	2.363	14.6	21.2
11 17	5 15.87	+13 27.8	1.431	2.360	10.6	20.9
11 27	5 6.75	+12 55.6	1.390	2.356	6.4	20.7
12 7	4 56.25	+12 31.2	1.376	2.352	4.2	20.5
12 17	4 45.72	+12 17.4	1.389	2.348	7.0	20.7
12 27	4 36.59	+12 16.2	1.428	2.344	11.2	20.9
1 6	4 29.92	+12 28.2	1.491	2.339	15.3	21.2
1 16	4 26.31	+12 52.2	1.573	2.335	18.7	21.4

298458 2003 UX_{119} 12 7.2 98.°58 0.°3/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.66	+22 55.4	1.823	2.683	12.8	21.3
11 17	5 16.17	+22 36.9	1.773	2.702	8.9	21.1
11 27	5 6.68	+22 14.5	1.749	2.720	4.6	20.9
12 7	4 56.25	+21 49.1	1.753	2.738	0.3	20.6
12 17	4 46.07	+21 22.5	1.787	2.756	4.4	21.0
12 27	4 37.30	+20 57.7	1.850	2.774	8.5	21.2
1 6	4 30.77	+20 37.6	1.938	2.791	12.1	21.5
1 16	4 26.92	+20 24.0	2.048	2.808	15.0	21.7

336645 2009 WV_{116} 12 7.2 128.°00 0.°4/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.92	+24 47.3	1.632	2.494	13.9	21.5
11 17	5 17.36	+24 31.3	1.574	2.502	9.8	21.3
11 27	5 7.42	+24 8.9	1.540	2.511	5.1	21.1
12 7	4 56.26	+23 40.6	1.534	2.519	0.4	20.7
12 17	4 45.27	+23 8.4	1.557	2.527	4.8	21.1
12 27	4 35.82	+22 36.1	1.607	2.534	9.4	21.4
1 6	4 28.90	+22 7.7	1.683	2.541	13.3	21.6
1 16	4 25.03	+21 46.2	1.780	2.548	16.6	21.9

137604 1999 VP_{173} 12 7.2 22.°38 1.°0/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.58	+22 40.8	1.071	1.957	17.7	19.4
11 17	5 17.35	+23 21.8	1.023	1.963	12.5	19.2
11 27	5 7.75	+24 1.0	0.997	1.970	6.6	18.9
12 7	4 56.28	+24 35.1	0.994	1.979	1.0	18.5
12 17	4 44.88	+25 2.1	1.016	1.988	6.1	18.9
12 27	4 35.54	+25 23.2	1.062	1.999	11.8	19.3
1 6	4 29.62	+25 41.3	1.130	2.010	16.7	19.6
1 16	4 27.73	+25 59.3	1.216	2.022	20.7	19.9

21451 Fisher 12 7.2 4.°05 0.°3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.09	+22 20.7	1.238	2.117	16.3	18.1
11 17	5 16.72	+22 15.4	1.179	2.116	11.5	17.8
11 27	5 7.34	+22 6.5	1.143	2.116	6.0	17.5
12 7	4 56.28	+21 54.3	1.131	2.117	0.3	17.1
12 17	4 45.23	+21 40.3	1.146	2.118	5.8	17.5
12 27	4 35.96	+21 27.8	1.186	2.119	11.3	17.8
1 6	4 29.71	+21 20.2	1.248	2.121	16.0	18.1
1 16	4 27.12	+21 19.8	1.329	2.123	19.9	18.3

44310 1998 RU_1 12 7.2 188.°10 5.°3/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.29	+39 5.2	2.144	2.963	12.7	19.1
11 17	5 18.28	+39 19.6	2.071	2.963	9.9	18.9
11 27	5 7.92	+39 18.0	2.023	2.962	7.1	18.7
12 7	4 56.30	+38 57.7	2.002	2.960	5.4	18.6
12 17	4 44.74	+38 18.8	2.010	2.959	6.2	18.7
12 27	4 34.58	+37 25.1	2.048	2.956	8.8	18.8
1 6	4 26.81	+36 22.8	2.111	2.954	11.6	19.0
1 16	4 22.00	+35 18.4	2.197	2.951	14.3	19.2

244867 2003 UE_{222} 12 7.2 125.°78 1.°1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.49	+21 36.1	1.893	2.753	12.4	20.9
11 17	5 15.37	+20 58.3	1.834	2.763	8.7	20.7
11 27	5 6.30	+20 17.2	1.801	2.772	4.5	20.5
12 7	4 56.28	+19 34.6	1.797	2.781	1.1	20.3
12 17	4 46.43	+18 53.3	1.822	2.789	4.6	20.5
12 27	4 37.86	+18 16.7	1.876	2.798	8.6	20.8
1 6	4 31.40	+17 47.6	1.956	2.806	12.1	21.0
1 16	4 27.51	+17 27.6	2.058	2.813	15.1	21.2

391258 2006 RP_{33} 12 7.2 65.°91 3.°3/ 7.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.83	+29 53.2	1.685	2.535	14.2	20.6
11 17	5 19.27	+30 35.9	1.650	2.569	10.2	20.4
11 27	5 8.34	+31 8.0	1.640	2.603	6.0	20.2
12 7	4 56.32	+31 26.7	1.658	2.636	3.3	20.1
12 17	4 44.68	+31 31.8	1.705	2.669	5.3	20.3
12 27	4 34.78	+31 26.1	1.780	2.702	9.0	20.6
1 6	4 27.59	+31 14.2	1.881	2.734	12.4	20.9
1 16	4 23.51	+31 0.6	2.003	2.766	15.1	21.2

33870 2000 JP_{32} 12 7.2 51.°12 4.°4/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.71	+30 55.0	1.586	2.439	14.7	18.0
11 17	5 18.89	+32 6.5	1.541	2.460	10.8	17.8
11 27	5 8.34	+33 7.4	1.521	2.480	6.8	17.6
12 7	4 56.32	+33 52.8	1.528	2.502	4.4	17.5
12 17	4 44.42	+34 20.4	1.563	2.523	6.3	17.7
12 27	4 34.23	+34 32.0	1.626	2.545	9.9	17.9
1 6	4 26.87	+34 32.5	1.712	2.567	13.3	18.2
1 16	4 22.91	+34 27.3	1.820	2.589	16.3	18.4

233221 2005 YH_{13} 12 7.2 287.°24 0.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.61	+23 35.5	1.564	2.432	14.1	20.5
11 17	5 16.14	+23 28.5	1.487	2.419	10.0	20.2
11 27	5 7.02	+23 16.7	1.433	2.405	5.3	19.9
12 7	4 56.31	+23 0.0	1.406	2.391	0.2	19.5
12 17	4 45.42	+22 39.7	1.407	2.378	5.1	19.8
12 27	4 35.85	+22 18.9	1.435	2.364	10.0	20.1
1 6	4 28.80	+22 1.3	1.488	2.351	14.5	20.3
1 16	4 24.96	+21 49.8	1.560	2.338	18.1	20.5

16710 1995 SL_{20} 12 7.2 9.°16 6.°4/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.33	+32 56.9	1.040	1.918	18.8	18.1
11 17	5 17.66	+34 0.2	0.990	1.919	14.1	17.8
11 27	5 8.13	+34 47.9	0.960	1.921	9.4	17.5
12 7	4 56.33	+35 13.2	0.952	1.925	6.4	17.4
12 17	4 44.50	+35 13.5	0.967	1.930	8.5	17.5
12 27	4 34.97	+34 53.1	1.006	1.937	13.0	17.8
1 6	4 29.29	+34 20.7	1.064	1.945	17.5	18.1
1 16	4 28.12	+33 44.7	1.141	1.954	21.4	18.4

436808 2012 RB_4 12 7.2 70.°06 2.°5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.36	+17 21.9	1.420	2.290	15.1	20.7
11 17	5 16.96	+17 2.9	1.380	2.312	10.6	20.5
11 27	5 7.19	+16 46.1	1.363	2.334	5.8	20.3
12 7	4 56.33	+16 33.2	1.373	2.355	2.5	20.1
12 17	4 45.82	+16 25.9	1.411	2.377	5.9	20.4
12 27	4 37.02	+16 25.9	1.476	2.399	10.3	20.7
1 6	4 30.87	+16 34.2	1.564	2.421	14.3	21.0
1 16	4 27.80	+16 50.7	1.672	2.442	17.4	21.3

119030 2001 DO_8 12 7.2 193.°13 4.°8/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.04	+ 6 59.4	2.426	3.268	10.6	19.8
11 17	5 12.02	+ 6 37.2	2.360	3.267	8.1	19.6
11 27	5 4.54	+ 6 23.4	2.319	3.266	5.8	19.5
12 7	4 56.28	+ 6 20.1	2.307	3.265	4.8	19.4
12 17	4 48.01	+ 6 28.6	2.325	3.263	6.2	19.5
12 27	4 40.55	+ 6 49.0	2.371	3.262	8.6	19.6
1 6	4 34.56	+ 7 20.4	2.443	3.260	11.1	19.8
1 16	4 30.49	+ 8 1.1	2.537	3.257	13.4	20.0

270700 2002 QB_{76} 12 7.2 35.°58 3.°7/ 6.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.70	+12 31.4	2.100	2.958	11.4	20.8
11 17	5 11.94	+12 3.9	2.040	2.963	8.3	20.6
11 27	5 4.53	+11 41.5	2.005	2.967	5.2	20.4
12 7	4 56.28	+11 26.2	1.999	2.972	3.7	20.3
12 17	4 48.08	+11 19.9	2.022	2.977	5.6	20.4
12 27	4 40.85	+11 23.4	2.073	2.982	8.7	20.6
1 6	4 35.32	+11 36.8	2.149	2.987	11.7	20.8
1 16	4 31.95	+11 59.1	2.247	2.992	14.2	21.0

436619 2011 LN_9 12 7.2 115.°06 1.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.96	+19 18.8	1.859	2.718	12.6	22.2
11 17	5 16.37	+18 59.8	1.808	2.735	8.8	22.0
11 27	5 6.82	+18 40.3	1.783	2.753	4.7	21.8
12 7	4 56.34	+18 21.3	1.786	2.769	1.5	21.6
12 17	4 46.06	+18 4.7	1.819	2.786	4.7	21.8
12 27	4 37.13	+17 52.5	1.881	2.801	8.7	22.1
1 6	4 30.37	+17 46.5	1.969	2.816	12.2	22.4
1 16	4 26.22	+17 47.5	2.078	2.831	15.0	22.6

155071 2005 SS_{71} 12 7.2 67.°27 0.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.67	+23 16.2	1.342	2.213	15.8	20.9
11 17	5 18.03	+23 3.5	1.302	2.235	11.0	20.7
11 27	5 7.79	+22 46.0	1.286	2.258	5.7	20.5
12 7	4 56.35	+22 24.4	1.295	2.280	0.2	20.1
12 17	4 45.33	+22 0.8	1.332	2.303	5.3	20.6
12 27	4 36.23	+21 39.0	1.396	2.325	10.2	20.9
1 6	4 30.04	+21 22.5	1.483	2.347	14.4	21.2
1 16	4 27.17	+21 13.4	1.590	2.369	17.8	21.5

515988 2015 RN_{205} 12 7.2 108.°51 0.°8/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.77	+20 28.4	1.924	2.784	12.2	21.7
11 17	5 14.93	+20 26.0	1.864	2.793	8.5	21.5
11 27	5 6.14	+20 22.6	1.830	2.801	4.4	21.2
12 7	4 56.33	+20 18.4	1.825	2.810	0.8	21.0
12 17	4 46.59	+20 14.4	1.849	2.818	4.4	21.3
12 27	4 38.04	+20 12.2	1.902	2.826	8.3	21.5
1 6	4 31.54	+20 13.3	1.981	2.833	11.9	21.8
1 16	4 27.58	+20 19.2	2.081	2.841	14.8	22.0

11280 Sakurai 12 7.2 37.°23 4.°3/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.39	+16 27.8	0.972	1.864	18.5	16.9
11 17	5 16.16	+15 34.7	0.942	1.882	13.1	16.7
11 27	5 6.93	+14 46.5	0.931	1.903	7.5	16.5
12 7	4 56.35	+14 8.0	0.944	1.924	4.3	16.4
12 17	4 46.29	+13 43.4	0.980	1.946	7.9	16.7
12 27	4 38.47	+13 35.1	1.040	1.969	13.0	17.0
1 6	4 33.91	+13 42.9	1.120	1.993	17.5	17.4
1 16	4 32.99	+14 4.6	1.218	2.017	21.1	17.7

509577 2008 CZ_{131} 12 7.2 247.°93 3.°2/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.85	+30 26.3	1.648	2.499	14.3	22.0
11 17	5 19.24	+30 40.5	1.565	2.485	10.5	21.7
11 27	5 8.72	+30 44.0	1.506	2.470	6.3	21.4
12 7	4 56.40	+30 33.8	1.475	2.454	3.2	21.2
12 17	4 43.83	+30 9.5	1.472	2.438	5.6	21.3
12 27	4 32.67	+29 34.8	1.497	2.421	10.1	21.5
1 6	4 24.24	+28 55.5	1.546	2.404	14.3	21.8
1 16	4 19.29	+28 17.7	1.616	2.386	17.9	22.0

73974 1998 BT_{26} 12 7.2 328.°50 7.°3/ 9.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.24	+44 35.6	2.172	2.973	13.2	18.3
11 17	5 17.10	+45 9.2	2.099	2.968	10.8	18.2
11 27	5 7.44	+45 24.3	2.049	2.963	8.6	18.0
12 7	4 56.37	+45 17.0	2.024	2.958	7.4	17.9
12 17	4 45.27	+44 46.4	2.027	2.953	7.8	17.9
12 27	4 35.58	+43 55.7	2.057	2.949	9.7	18.0
1 6	4 28.38	+42 51.3	2.112	2.944	12.0	18.2
1 16	4 24.29	+41 40.3	2.189	2.941	14.4	18.4

240155 2002 NA_{50} 12 7.2 112.°66 1.°3/ 6.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.93	+19 40.6	2.063	2.919	11.7	21.8
11 17	5 15.51	+19 22.2	2.012	2.938	8.2	21.6
11 27	5 6.35	+19 2.9	1.988	2.958	4.3	21.4
12 7	4 56.36	+18 43.9	1.993	2.976	1.3	21.2
12 17	4 46.58	+18 26.7	2.028	2.994	4.3	21.5
12 27	4 38.01	+18 13.2	2.093	3.012	8.0	21.8
1 6	4 31.40	+18 5.0	2.184	3.029	11.2	22.0
1 16	4 27.17	+18 3.3	2.297	3.045	13.9	22.2

48461 1991 RN_6 12 7.2 88.°98 6.°8/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.99	+ 6 58.1	1.530	2.381	15.3	18.8
11 17	5 17.14	+ 6 12.4	1.495	2.408	11.5	18.7
11 27	5 7.21	+ 5 39.9	1.485	2.434	8.1	18.6
12 7	4 56.38	+ 5 24.2	1.502	2.460	6.8	18.5
12 17	4 45.95	+ 5 27.1	1.546	2.486	8.5	18.7
12 27	4 37.11	+ 5 48.2	1.616	2.510	11.7	19.0
1 6	4 30.71	+ 6 24.8	1.710	2.535	14.8	19.2
1 16	4 27.13	+ 7 13.3	1.823	2.558	17.4	19.5

266783 2009 SN_{241} 12 7.2 128.°80 3.°8/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.42	+34 21.9	1.836	2.671	13.8	20.9
11 17	5 20.39	+34 17.5	1.780	2.688	10.2	20.8
11 27	5 8.97	+33 58.1	1.749	2.705	6.5	20.6
12 7	4 56.43	+33 22.2	1.747	2.721	3.9	20.4
12 17	4 44.23	+32 31.8	1.774	2.736	5.4	20.6
12 27	4 33.75	+31 31.9	1.830	2.750	8.9	20.8
1 6	4 25.97	+30 29.5	1.913	2.763	12.3	21.1
1 16	4 21.32	+29 30.4	2.018	2.776	15.2	21.3

331648 2002 OQ_{31} 12 7.2 168.°97 8.°5/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.83	− 7 59.2	2.634	3.414	11.7	21.2
11 17	5 12.45	− 8 20.2	2.576	3.416	10.1	21.1
11 27	5 4.74	− 8 23.8	2.543	3.418	8.9	21.0
12 7	4 56.34	− 8 7.2	2.536	3.420	8.5	21.0
12 17	4 47.98	− 7 29.6	2.556	3.422	9.1	21.0
12 27	4 40.40	− 6 32.4	2.603	3.423	10.4	21.1
1 6	4 34.22	− 5 18.8	2.674	3.424	12.1	21.2
1 16	4 29.84	− 3 52.7	2.766	3.424	13.6	21.4

49056 1998 RZ_{39} 12 7.2 120.°13 3.°4/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.46	+14 27.8	1.635	2.495	14.0	19.0
11 17	5 16.95	+14 10.6	1.582	2.508	10.0	18.8
11 27	5 7.23	+13 58.2	1.555	2.521	5.8	18.6
12 7	4 56.40	+13 52.1	1.555	2.533	3.4	18.5
12 17	4 45.73	+13 53.8	1.583	2.544	6.0	18.7
12 27	4 36.49	+14 4.2	1.640	2.555	10.0	19.0
1 6	4 29.61	+14 23.4	1.721	2.566	13.7	19.2
1 16	4 25.60	+14 50.8	1.822	2.576	16.8	19.5

39321 2001 VC_{85} 12 7.2 144.°40 0.°9/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.09	+20 58.9	1.841	2.700	12.7	20.3
11 17	5 16.61	+20 43.9	1.781	2.708	8.9	20.1
11 27	5 7.04	+20 26.7	1.746	2.717	4.7	19.9
12 7	4 56.39	+20 8.1	1.740	2.725	0.9	19.6
12 17	4 45.86	+19 49.8	1.764	2.732	4.6	19.9
12 27	4 36.64	+19 34.1	1.816	2.739	8.8	20.2
1 6	4 29.62	+19 23.3	1.895	2.745	12.4	20.4
1 16	4 25.32	+19 19.1	1.995	2.751	15.4	20.6

419244 2009 VY_{47} 12 7.2 124.°53 2.°3/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.44	+16 23.6	2.361	3.217	10.4	21.5
11 17	5 12.32	+15 51.6	2.298	3.224	7.3	21.3
11 27	5 4.71	+15 20.9	2.263	3.230	4.2	21.1
12 7	4 56.34	+14 53.4	2.257	3.236	2.3	21.0
12 17	4 48.05	+14 30.9	2.281	3.242	4.5	21.1
12 27	4 40.67	+14 15.2	2.335	3.248	7.6	21.3
1 6	4 34.88	+14 7.4	2.415	3.254	10.5	21.5
1 16	4 31.09	+14 7.5	2.518	3.259	13.0	21.7

393549 2002 XH_{120} 12 7.2 84.°62 2.°1/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.89	+18 49.8	1.844	2.707	12.6	21.0
11 17	5 14.90	+18 7.6	1.796	2.725	8.8	20.8
11 27	5 6.07	+17 24.9	1.774	2.744	4.7	20.6
12 7	4 56.38	+16 44.3	1.780	2.762	2.1	20.5
12 17	4 46.95	+16 8.5	1.816	2.780	5.0	20.7
12 27	4 38.84	+15 40.4	1.880	2.798	8.8	21.0
1 6	4 32.82	+15 21.7	1.969	2.816	12.2	21.3
1 16	4 29.31	+15 13.1	2.081	2.834	15.0	21.5

145784 1998 KY_3 12 7.2 107.°72 6.°1/ 4.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.01	+11 30.9	1.651	2.505	14.2	19.5
11 17	5 17.74	+ 9 40.2	1.609	2.527	10.5	19.3
11 27	5 7.49	+ 7 55.6	1.594	2.548	7.2	19.2
12 7	4 56.42	+ 6 24.0	1.608	2.569	6.1	19.2
12 17	4 45.75	+ 5 11.4	1.651	2.589	8.3	19.3
12 27	4 36.64	+ 4 21.2	1.722	2.609	11.5	19.6
1 6	4 29.89	+ 3 53.4	1.817	2.627	14.6	19.8
1 16	4 25.88	+ 3 45.6	1.931	2.645	17.2	20.0

390615 2001 VN_3 12 7.2 340.°66 1.°6/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.63	+25 22.1	1.237	2.117	16.2	21.2
11 17	5 15.97	+25 40.1	1.171	2.108	11.6	20.9
11 27	5 7.15	+25 52.2	1.127	2.099	6.3	20.6
12 7	4 56.41	+25 56.6	1.107	2.092	1.6	20.2
12 17	4 45.49	+25 53.0	1.113	2.085	5.8	20.5
12 27	4 36.23	+25 44.3	1.144	2.079	11.3	20.8
1 6	4 30.05	+25 34.7	1.196	2.074	16.2	21.0
1 16	4 27.67	+25 28.3	1.268	2.070	20.2	21.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
157058	2003 ST_{166}	12	7.2	141.°86	4.°5/ 8.9	18
	h m	° ′			°	m
11 7	5 24.03	+40 13.3	3.111	3.911	9.6	20.8
11 17	5 16.19	+40 42.1	3.047	3.925	7.6	20.6
11 27	5 6.72	+40 58.9	3.011	3.938	5.6	20.5
12 7	4 56.41	+41 1.8	3.004	3.950	4.5	20.5
12 17	4 46.14	+40 50.5	3.027	3.962	5.0	20.5
12 27	4 36.85	+40 26.9	3.080	3.974	6.7	20.6
1 6	4 29.24	+39 54.5	3.160	3.984	8.7	20.8
1 16	4 23.78	+39 17.4	3.265	3.995	10.5	20.9
493769	2015 UD_2	12	7.2	13.°20	6.°3/ 5.4	17
11 7	5 18.78	+ 8 33.1	1.681	2.541	13.7	21.2
11 17	5 12.98	+ 7 29.6	1.624	2.542	10.4	21.0
11 27	5 5.20	+ 6 35.2	1.592	2.544	7.4	20.9
12 7	4 56.37	+ 5 54.7	1.586	2.546	6.4	20.8
12 17	4 47.62	+ 5 31.6	1.608	2.548	8.2	20.9
12 27	4 40.06	+ 5 27.5	1.655	2.551	11.3	21.1
1 6	4 34.55	+ 5 41.4	1.726	2.554	14.5	21.3
1 16	4 31.60	+ 6 10.8	1.815	2.557	17.3	21.5
453559	2010 AO_{43}	12	7.2	329.°89	9.°0/11.5	18
11 7	5 27.58	+50 27.2	2.040	2.815	14.8	19.9
11 17	5 19.64	+50 32.9	1.961	2.804	12.6	19.7
11 27	5 8.80	+50 13.0	1.902	2.794	10.5	19.6
12 7	4 56.45	+49 22.9	1.869	2.784	9.2	19.5
12 17	4 44.33	+48 2.6	1.861	2.774	9.3	19.5
12 27	4 34.11	+46 17.5	1.881	2.765	10.8	19.6
1 6	4 26.94	+44 17.0	1.925	2.757	13.1	19.7
1 16	4 23.30	+42 11.3	1.993	2.749	15.5	19.8
97197	1999 XB_3	12	7.2	12.°67	1.°6/ 6.8	18
11 7	5 19.00	+18 48.2	1.933	2.798	11.9	19.3
11 17	5 13.05	+18 30.2	1.869	2.799	8.4	19.1
11 27	5 5.22	+18 12.4	1.830	2.800	4.5	18.8
12 7	4 56.38	+17 55.9	1.819	2.802	1.6	18.6
12 17	4 47.57	+17 42.4	1.837	2.804	4.6	18.9
12 27	4 39.85	+17 33.7	1.883	2.806	8.5	19.1
1 6	4 34.04	+17 31.3	1.955	2.808	12.0	19.3
1 16	4 30.66	+17 35.8	2.048	2.811	14.9	19.5
433586	2013 YW_{40}	12	7.2	162.°29	1.°0/ 7.2	18
11 7	5 29.72	+16 47.8	1.819	2.667	13.4	20.6
11 17	5 20.78	+17 45.9	1.750	2.673	9.4	20.4
11 27	5 9.36	+18 48.7	1.709	2.678	5.0	20.1
12 7	4 56.49	+19 53.4	1.698	2.683	1.0	19.8
12 17	4 43.48	+20 56.9	1.719	2.686	4.8	20.1
12 27	4 31.73	+21 57.5	1.770	2.690	9.2	20.4
1 6	4 22.34	+22 54.8	1.848	2.692	13.0	20.6
1 16	4 15.96	+23 49.6	1.949	2.694	16.1	20.9
301454	2009 DM_{112}	12	7.2	357.°02	9.°0/ 9.2	17
11 7	5 24.50	+41 31.3	1.339	2.180	17.6	20.6
11 17	5 18.29	+42 24.4	1.278	2.176	14.2	20.4
11 27	5 8.45	+42 54.7	1.238	2.173	11.0	20.2
12 7	4 56.46	+42 55.2	1.221	2.172	9.1	20.1
12 17	4 44.41	+42 24.1	1.228	2.171	9.9	20.2
12 27	4 34.47	+41 26.7	1.258	2.171	12.7	20.3
1 6	4 28.14	+40 13.2	1.311	2.172	16.2	20.5
1 16	4 26.07	+38 54.2	1.383	2.175	19.4	20.8
494334	2016 TR_{30}	12	7.2	27.°49	0.°1/ 7.2	18
11 7	5 22.43	+24 21.0	1.228	2.108	16.3	20.2
11 17	5 16.16	+23 47.4	1.177	2.114	11.5	20.0
11 27	5 7.03	+23 6.4	1.148	2.121	6.0	19.7
12 7	4 56.43	+22 19.9	1.144	2.129	0.2	19.3
12 17	4 46.07	+21 32.0	1.166	2.138	5.7	19.7
12 27	4 37.59	+20 48.1	1.214	2.147	11.0	20.1
1 6	4 32.10	+20 13.0	1.284	2.157	15.6	20.4
1 16	4 30.11	+19 49.2	1.373	2.167	19.4	20.6
277857	2006 JD_{10}	12	7.3	310.°27	1.°1/ 7.5	17
11 7	5 19.70	+25 23.5	2.009	2.869	11.8	21.3
11 17	5 13.77	+25 34.3	1.925	2.853	8.4	21.1
11 27	5 5.74	+25 40.6	1.867	2.837	4.5	20.8
12 7	4 56.44	+25 41.6	1.837	2.821	1.1	20.5
12 17	4 46.96	+25 37.4	1.836	2.805	4.2	20.7
12 27	4 38.46	+25 29.5	1.863	2.790	8.2	21.0
1 6	4 31.91	+25 20.8	1.916	2.775	11.9	21.1
1 16	4 27.93	+25 13.8	1.991	2.761	15.0	21.3
54376	2000 KV_{56}	12	7.3	167.°29	0.°6/ 7.1	18 R
11 7	5 24.37	+21 5.3	1.931	2.788	12.4	19.9
11 17	5 16.84	+21 3.4	1.865	2.792	8.7	19.7
11 27	5 7.22	+20 59.7	1.825	2.796	4.5	19.4
12 7	4 56.49	+20 54.3	1.814	2.799	0.6	19.1
12 17	4 45.77	+20 48.0	1.833	2.802	4.4	19.4
12 27	4 36.27	+20 42.6	1.882	2.804	8.5	19.7
1 6	4 28.88	+20 40.1	1.956	2.805	12.1	19.9
1 16	4 24.16	+20 42.3	2.052	2.806	15.1	20.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
224175	2005 QE_{134}	12	7.3	331.°28	1.°9/ 7.6	18
	h m	° ′			°	m
11 7	5 21.70	+26 22.0	1.200	2.080	16.6	20.0
11 17	5 16.19	+26 34.6	1.130	2.066	11.9	19.7
11 27	5 7.37	+26 39.5	1.082	2.053	6.6	19.3
12 7	4 56.50	+26 34.8	1.057	2.041	1.9	19.0
12 17	4 45.36	+26 20.7	1.058	2.030	6.0	19.2
12 27	4 35.91	+26 0.6	1.084	2.020	11.7	19.5
1 6	4 29.65	+25 40.0	1.131	2.011	16.7	19.8
1 16	4 27.34	+25 23.6	1.196	2.002	21.0	20.0
188660	2005 SB_{93}	12	7.3	86.°31	0.°9/ 7.1	18
11 7	5 25.61	+21 30.3	1.504	2.370	14.7	20.9
11 17	5 17.85	+21 11.6	1.460	2.391	10.2	20.7
11 27	5 7.73	+20 50.1	1.440	2.412	5.3	20.4
12 7	4 56.51	+20 27.0	1.448	2.432	0.9	20.2
12 17	4 45.62	+20 4.4	1.483	2.453	5.1	20.5
12 27	4 36.45	+19 45.4	1.547	2.472	9.7	20.8
1 6	4 29.91	+19 32.6	1.634	2.492	13.7	21.1
1 16	4 26.45	+19 27.7	1.743	2.511	16.9	21.4
514593	2002 SQ_{75}	12	7.3	105.°63	1.°5/ 6.5	18
11 7	5 19.92	+19 43.4	2.721	3.571	9.4	20.9
11 17	5 13.09	+18 50.3	2.669	3.593	6.5	20.7
11 27	5 5.04	+17 55.9	2.645	3.614	3.5	20.5
12 7	4 56.45	+17 2.3	2.653	3.634	1.5	20.4
12 17	4 48.06	+16 12.0	2.692	3.655	3.7	20.6
12 27	4 40.60	+15 27.5	2.762	3.674	6.6	20.8
1 6	4 34.62	+14 50.6	2.860	3.694	9.2	21.0
1 16	4 30.45	+14 22.4	2.982	3.713	11.4	21.2
460766	2014 WC_2	12	7.3	337.°59	2.°6/ 6.4	17
11 7	5 17.60	+16 11.2	2.219	3.080	10.8	21.6
11 17	5 11.90	+15 34.9	2.151	3.077	7.7	21.4
11 27	5 4.59	+14 59.9	2.109	3.075	4.4	21.1
12 7	4 56.44	+14 28.5	2.095	3.074	2.6	21.0
12 17	4 48.31	+14 2.8	2.111	3.072	4.8	21.2
12 27	4 41.09	+13 44.8	2.156	3.070	8.1	21.4
1 6	4 35.50	+13 35.7	2.227	3.069	11.2	21.6
1 16	4 32.00	+13 35.7	2.320	3.067	13.8	21.8
182500	2001 ST_{212}	12	7.3	322.°52	3.°1/ 6.5	18
11 7	5 19.80	+15 25.1	1.784	2.649	12.8	20.2
11 17	5 13.77	+15 0.4	1.716	2.644	9.1	20.0
11 27	5 5.69	+14 38.6	1.673	2.640	5.3	19.8
12 7	4 56.48	+14 22.0	1.657	2.636	3.1	19.6
12 17	4 47.22	+14 12.5	1.670	2.632	5.7	19.8
12 27	4 39.10	+14 11.7	1.711	2.629	9.5	20.0
1 6	4 33.01	+14 20.3	1.776	2.625	13.2	20.2
1 16	4 29.52	+14 38.2	1.862	2.622	16.2	20.4
19516	1998 QF_{80}	12	7.3	69.°28	5.°3/ 9.2	18
11 7	5 31.87	+37 11.0	1.349	2.192	17.4	16.7
11 17	5 22.43	+36 55.2	1.314	2.223	13.0	16.5
11 27	5 10.07	+36 17.4	1.301	2.254	8.5	16.3
12 7	4 56.59	+35 16.7	1.313	2.285	5.4	16.2
12 17	4 43.94	+33 57.5	1.353	2.315	6.8	16.4
12 27	4 33.81	+32 29.0	1.420	2.345	10.5	16.7
1 6	4 27.16	+31 1.1	1.512	2.375	14.3	17.0
1 16	4 24.24	+29 41.4	1.624	2.404	17.5	17.3
60950	2000 JP_{61}	12	7.3	155.°53	0.°6/ 7.4	18
11 7	5 27.58	+24 22.2	1.526	2.387	14.8	18.6
11 17	5 19.53	+24 24.9	1.465	2.393	10.4	18.4
11 27	5 8.78	+24 22.0	1.428	2.399	5.5	18.1
12 7	4 56.57	+24 12.6	1.419	2.404	0.7	17.8
12 17	4 44.44	+23 57.8	1.438	2.408	5.1	18.1
12 27	4 33.95	+23 40.6	1.485	2.412	10.0	18.4
1 6	4 26.23	+23 25.0	1.557	2.416	14.2	18.7
1 16	4 21.86	+23 14.3	1.649	2.418	17.7	18.9
321264	2009 DX_{83}	12	7.3	203.°11	0.°4/ 7.2	18
11 7	5 22.64	+21 15.9	1.789	2.652	12.9	20.5
11 17	5 15.85	+21 24.4	1.722	2.651	9.1	20.3
11 27	5 6.81	+21 31.6	1.679	2.650	4.7	20.0
12 7	4 56.52	+21 37.1	1.665	2.650	0.4	19.7
12 17	4 46.18	+21 41.2	1.679	2.649	4.6	20.0
12 27	4 37.06	+21 45.3	1.722	2.648	8.9	20.3
1 6	4 30.14	+21 51.2	1.790	2.647	12.7	20.5
1 16	4 26.00	+22 0.7	1.879	2.645	15.9	20.7
259598	2003 UE_{270}	12	7.3	143.°07	3.°1/ 7.9	18
11 7	5 29.12	+30 8.0	1.650	2.499	14.5	21.5
11 17	5 20.56	+30 30.5	1.591	2.510	10.5	21.3
11 27	5 9.29	+30 42.3	1.557	2.520	6.2	21.1
12 7	4 56.59	+30 40.6	1.550	2.530	3.1	20.9
12 17	4 44.00	+30 25.6	1.573	2.538	5.4	21.0
12 27	4 33.09	+30 0.8	1.623	2.546	9.6	21.3
1 6	4 24.99	+29 31.6	1.699	2.554	13.4	21.6
1 16	4 20.25	+29 3.3	1.796	2.560	16.6	21.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
372928	2011 BW_{27}		12	7.3	260.°63	2.°1/ 7.9 18
	h m	° ′			°	m
11 7	5 20.39	+29 35.8	2.408	3.254	10.6	21.2
11 17	5 13.98	+29 40.1	2.325	3.243	7.7	21.0
11 27	5 5.76	+29 37.0	2.267	3.231	4.5	20.8
12 7	4 56.50	+29 25.5	2.239	3.219	2.1	20.6
12 17	4 47.14	+29 5.9	2.240	3.207	4.0	20.7
12 27	4 38.70	+28 40.6	2.272	3.195	7.2	20.9
1 6	4 31.99	+28 12.5	2.330	3.182	10.3	21.1
1 16	4 27.57	+27 45.1	2.411	3.170	13.0	21.3
329479	2002 QN_{91}		12	7.3	64.°05	0.°3/ 7.2 18
11 7	5 19.91	+21 22.1	2.159	3.018	11.1	20.2
11 17	5 13.54	+21 30.9	2.102	3.030	7.8	20.0
11 27	5 5.46	+21 38.4	2.071	3.042	4.0	19.8
12 7	4 56.49	+21 44.4	2.069	3.054	0.3	19.5
12 17	4 47.59	+21 49.2	2.097	3.067	3.8	19.8
12 27	4 39.73	+21 54.0	2.155	3.079	7.5	20.0
1 6	4 33.67	+22 0.1	2.238	3.092	10.7	20.3
1 16	4 29.87	+22 8.8	2.345	3.104	13.3	20.5
92465	2000 KB_{57}		12	7.3	242.°19	0.°2/ 7.2 18
11 7	5 24.28	+23 45.1	1.880	2.737	12.6	19.8
11 17	5 17.02	+23 15.5	1.795	2.722	8.9	19.5
11 27	5 7.45	+22 39.7	1.736	2.706	4.7	19.3
12 7	4 56.55	+21 58.6	1.705	2.690	0.3	18.9
12 17	4 45.51	+21 14.5	1.704	2.673	4.6	19.2
12 27	4 35.63	+20 31.4	1.732	2.655	9.1	19.4
1 6	4 27.94	+19 53.3	1.786	2.637	13.0	19.6
1 16	4 23.06	+19 23.3	1.861	2.618	16.4	19.8
394553	2007 UJ_{78}		12	7.3	118.°10	10.°9/ 6.6 17
11 7	5 43.31	+36 40.6	1.093	1.936	20.6	20.2
11 17	5 32.88	+39 45.0	1.045	1.946	16.3	20.0
11 27	5 16.82	+42 33.0	1.019	1.956	12.5	19.8
12 7	4 56.81	+44 44.3	1.018	1.966	10.9	19.8
12 17	4 35.96	+46 5.8	1.043	1.975	12.7	19.9
12 27	4 17.93	+46 39.3	1.093	1.984	16.2	20.2
1 6	4 5.27	+46 38.4	1.162	1.992	20.0	20.4
1 16	3 58.95	+46 19.3	1.248	2.000	23.2	20.7
441098	2007 RT_{312}		12	7.3	98.°04	2.°5/ 6.7 18
11 7	5 23.73	+16 10.9	1.951	2.806	12.3	21.7
11 17	5 16.09	+15 48.2	1.908	2.833	8.7	21.6
11 27	5 6.71	+15 27.8	1.892	2.859	4.9	21.4
12 7	4 56.53	+15 11.3	1.904	2.884	2.5	21.3
12 17	4 46.64	+15 0.3	1.947	2.909	5.0	21.5
12 27	4 38.04	+14 56.1	2.018	2.933	8.5	21.7
1 6	4 31.47	+14 59.4	2.116	2.956	11.7	22.0
1 16	4 27.35	+15 10.3	2.235	2.979	14.3	22.2
266214	2006 WV_{154}		12	7.3	116.°77	1.°5/ 6.7 18
11 7	5 21.65	+20 3.4	2.167	3.023	11.2	20.8
11 17	5 14.62	+19 21.2	2.112	3.039	7.8	20.6
11 27	5 5.95	+18 37.2	2.084	3.053	4.2	20.4
12 7	4 56.52	+17 53.6	2.085	3.068	1.5	20.2
12 17	4 47.27	+17 12.9	2.117	3.082	4.3	20.5
12 27	4 39.16	+16 37.9	2.178	3.095	7.8	20.7
1 6	4 32.88	+16 10.7	2.266	3.109	11.0	20.9
1 16	4 28.85	+15 52.4	2.377	3.121	13.6	21.1
4633	Marinbica		12	7.3	214.°09	0.°4/ 7.1 18
11 7	5 18.33	+21 36.2	2.800	3.651	9.1	18.7
11 17	5 12.24	+21 27.0	2.721	3.646	6.4	18.5
11 27	5 4.75	+21 15.8	2.669	3.639	3.3	18.3
12 7	4 56.49	+21 3.3	2.648	3.633	0.4	18.0
12 17	4 48.19	+20 50.2	2.658	3.626	3.3	18.2
12 27	4 40.63	+20 37.9	2.698	3.619	6.3	18.4
1 6	4 34.44	+20 28.1	2.766	3.611	9.1	18.6
1 16	4 30.06	+20 22.0	2.858	3.603	11.5	18.8
324288	2006 DV_9		12	7.3	104.°69	5.°5/ 9.0 18
11 7	5 25.58	+41 24.5	2.634	3.435	11.1	20.5
11 17	5 17.54	+42 5.4	2.580	3.455	8.8	20.3
11 27	5 7.56	+42 31.9	2.552	3.474	6.7	20.2
12 7	4 56.56	+42 41.3	2.552	3.493	5.6	20.2
12 17	4 45.65	+42 33.1	2.581	3.512	6.1	20.3
12 27	4 35.94	+42 9.6	2.639	3.530	7.8	20.4
1 6	4 28.28	+41 35.3	2.723	3.548	9.9	20.6
1 16	4 23.16	+40 55.4	2.831	3.565	11.8	20.7
198731	2005 EM_{23}		12	7.3	331.°38	3.°0/ 6.5 17
11 7	5 17.56	+15 14.5	1.942	2.807	11.9	20.3
11 17	5 12.13	+14 47.4	1.869	2.798	8.5	20.1
11 27	5 4.84	+14 23.0	1.822	2.789	5.0	19.9
12 7	4 56.50	+14 3.6	1.802	2.780	3.0	19.7
12 17	4 48.09	+13 51.2	1.810	2.772	5.4	19.8
12 27	4 40.65	+13 47.3	1.847	2.764	9.0	20.0
1 6	4 35.04	+13 52.9	1.908	2.756	12.4	20.2
1 16	4 31.79	+14 7.7	1.990	2.749	15.4	20.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
212117	2005 EQ_{189}		12	7.3	190.°64	2.°6/ 6.6 18
	h m	° ′			°	m
11 7	5 21.32	+15 53.3	1.992	2.850	11.9	21.2
11 17	5 14.67	+15 33.6	1.924	2.849	8.5	21.0
11 27	5 6.12	+15 16.3	1.881	2.848	4.9	20.8
12 7	4 56.54	+15 2.8	1.867	2.847	2.6	20.6
12 17	4 46.94	+14 54.9	1.883	2.845	5.1	20.8
12 27	4 38.41	+14 53.8	1.928	2.844	8.8	21.0
1 6	4 31.78	+15 0.6	1.998	2.841	12.2	21.2
1 16	4 27.58	+15 15.1	2.090	2.839	15.0	21.4
24246	1999 XC_{102}		12	7.3	328.°10	1.°7/ 7.0 17
11 7	5 19.91	+16 50.5	2.048	2.908	11.6	18.7
11 17	5 13.73	+17 3.5	1.977	2.904	8.2	18.5
11 27	5 5.67	+17 19.4	1.931	2.900	4.5	18.2
12 7	4 56.53	+17 38.4	1.914	2.897	1.7	18.0
12 17	4 47.30	+18 0.3	1.927	2.893	4.5	18.2
12 27	4 39.03	+18 25.3	1.968	2.890	8.2	18.4
1 6	4 32.57	+18 53.6	2.035	2.887	11.6	18.7
1 16	4 28.49	+19 25.3	2.125	2.884	14.5	18.9
136274	2003 YO_{111}		12	7.3	270.°80	2.°8/ 8.1 18
11 7	5 23.37	+30 55.9	1.820	2.671	13.2	19.9
11 17	5 16.52	+30 52.2	1.741	2.661	9.7	19.7
11 27	5 7.24	+30 37.2	1.688	2.651	5.8	19.4
12 7	4 56.57	+30 9.5	1.662	2.642	2.8	19.2
12 17	4 45.83	+29 30.4	1.664	2.632	5.0	19.3
12 27	4 36.40	+28 43.6	1.695	2.622	9.0	19.5
1 6	4 29.36	+27 54.6	1.752	2.611	12.8	19.8
1 16	4 25.30	+27 8.7	1.830	2.601	16.1	20.0
442434	2011 UV_{148}		12	7.3	71.°45	0.°3/ 7.2 18
11 7	5 23.36	+22 40.1	1.685	2.548	13.5	21.1
11 17	5 16.15	+22 25.2	1.640	2.570	9.4	20.9
11 27	5 6.85	+22 6.7	1.620	2.591	4.8	20.7
12 7	4 56.56	+21 45.5	1.627	2.612	0.3	20.4
12 17	4 46.56	+21 23.3	1.664	2.634	4.6	20.8
12 27	4 38.06	+21 3.1	1.728	2.655	8.8	21.1
1 6	4 31.91	+20 47.6	1.818	2.676	12.5	21.4
1 16	4 28.54	+20 38.4	1.929	2.697	15.5	21.6
24822	1995 BW_{11}		12	7.3	163.°65	0.°2/ 7.2 18 R
11 7	5 19.49	+22 13.0	2.339	3.195	10.5	18.5
11 17	5 13.23	+22 9.2	2.270	3.197	7.3	18.3
11 27	5 5.33	+22 3.1	2.227	3.198	3.8	18.1
12 7	4 56.53	+21 54.9	2.214	3.199	0.2	17.8
12 17	4 47.74	+21 45.6	2.231	3.200	3.7	18.1
12 27	4 39.88	+21 36.6	2.277	3.201	7.2	18.3
1 6	4 33.67	+21 29.7	2.350	3.201	10.3	18.5
1 16	4 29.61	+21 26.5	2.447	3.202	12.9	18.7
113896	2002 TB_{272}		12	7.3	343.°77	0.°9/ 7.5 17
11 7	5 18.80	+26 4.2	2.004	2.865	11.8	19.2
11 17	5 13.03	+25 54.9	1.931	2.859	8.3	19.0
11 27	5 5.32	+25 39.4	1.885	2.854	4.5	18.7
12 7	4 56.53	+25 18.1	1.866	2.850	0.9	18.5
12 17	4 47.73	+24 52.1	1.876	2.846	4.1	18.7
12 27	4 40.00	+24 24.2	1.914	2.842	8.0	18.9
1 6	4 34.21	+23 57.7	1.978	2.839	11.5	19.2
1 16	4 30.91	+23 35.3	2.065	2.837	14.5	19.4
159326	2006 CL_{15}		12	7.3	176.°09	1.°8/ 6.9 17
11 7	5 19.33	+16 55.9	2.340	3.196	10.5	20.0
11 17	5 13.09	+16 52.6	2.271	3.196	7.4	19.8
11 27	5 5.25	+16 51.1	2.229	3.197	4.1	19.6
12 7	4 56.54	+16 52.0	2.216	3.197	1.8	19.5
12 17	4 47.80	+16 56.0	2.233	3.198	4.2	19.6
12 27	4 39.95	+17 4.0	2.280	3.198	7.5	19.9
1 6	4 33.70	+17 16.6	2.353	3.198	10.5	20.1
1 16	4 29.53	+17 34.1	2.449	3.197	13.1	20.2
29351	1995 HP_2		12	7.3	27.°17	0.°0/ 7.3 18
11 7	5 21.69	+21 44.7	1.489	2.361	14.4	18.5
11 17	5 15.41	+22 5.6	1.436	2.370	10.1	18.3
11 27	5 6.66	+22 25.1	1.406	2.379	5.3	18.1
12 7	4 56.57	+22 42.1	1.403	2.388	0.1	17.7
12 17	4 46.55	+22 56.4	1.428	2.399	4.9	18.1
12 27	4 38.03	+23 9.1	1.479	2.410	9.6	18.4
1 6	4 32.04	+23 22.1	1.554	2.422	13.7	18.7
1 16	4 29.14	+23 37.2	1.650	2.434	17.1	18.9
442340	2011 SP_{183}		12	7.3	319.°32	0.°9/ 7.1 18
11 7	5 21.38	+20 34.7	1.691	2.558	13.3	20.8
11 17	5 15.08	+20 31.1	1.622	2.553	9.3	20.5
11 27	5 6.48	+20 26.3	1.577	2.549	4.9	20.2
12 7	4 56.58	+20 20.9	1.560	2.544	0.9	19.9
12 17	4 46.61	+20 15.7	1.571	2.540	4.8	20.2
12 27	4 37.87	+20 12.7	1.609	2.536	9.3	20.5
1 6	4 31.38	+20 13.8	1.673	2.533	13.3	20.7
1 16	4 27.75	+20 20.5	1.757	2.529	16.6	20.9

183084 2002 RY_{54} 12 7.3 74.°55 3.°2/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.23	+17 32.8	1.352	2.225	15.6	19.5
11 17	5 17.09	+16 45.1	1.307	2.240	11.0	19.3
11 27	5 7.44	+15 58.6	1.285	2.254	6.1	19.1
12 7	4 56.60	+15 16.8	1.288	2.269	3.2	18.9
12 17	4 46.07	+14 43.5	1.320	2.284	6.5	19.2
12 27	4 37.27	+14 21.8	1.377	2.299	11.1	19.5
1 6	4 31.21	+14 13.3	1.457	2.313	15.1	19.8
1 16	4 28.33	+14 17.5	1.557	2.328	18.5	20.0

103091 1999 XJ_{164} 12 7.3 236.°85 7.°7/10.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 33.52	+45 49.2	2.005	2.793	14.6	19.2
11 17	5 23.89	+45 55.4	1.914	2.778	12.0	19.0
11 27	5 11.16	+45 37.9	1.847	2.761	9.5	18.8
12 7	4 56.71	+44 51.5	1.807	2.744	7.8	18.6
12 17	4 42.29	+43 35.8	1.795	2.726	8.2	18.6
12 27	4 29.71	+41 56.2	1.811	2.707	10.5	18.7
1 6	4 20.25	+40 2.8	1.854	2.688	13.4	18.9
1 16	4 14.52	+38 6.1	1.920	2.668	16.2	19.0

66436 1999 NT_{52} 12 7.3 158.°08 5.°2/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.52	+10 7.5	1.928	2.781	12.5	19.3
11 17	5 14.74	+ 9 10.2	1.869	2.786	9.3	19.1
11 27	5 6.12	+ 8 19.4	1.836	2.790	6.4	18.9
12 7	4 56.58	+ 7 39.1	1.831	2.794	5.2	18.9
12 17	4 47.11	+ 7 12.2	1.855	2.798	7.0	19.0
12 27	4 38.78	+ 7 0.6	1.906	2.801	10.1	19.2
1 6	4 32.36	+ 7 4.1	1.982	2.804	13.1	19.4
1 16	4 28.34	+ 7 21.1	2.079	2.806	15.8	19.6

398417 2011 SX_{264} 12 7.3 91.°55 6.°9/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.90	+ 6 42.9	1.779	2.629	13.5	20.8
11 17	5 14.30	+ 5 27.2	1.733	2.643	10.4	20.7
11 27	5 5.88	+ 4 22.2	1.713	2.656	7.7	20.5
12 7	4 56.58	+ 3 33.0	1.719	2.670	6.9	20.5
12 17	4 47.47	+ 3 3.0	1.753	2.683	8.5	20.6
12 27	4 39.60	+ 2 53.5	1.814	2.696	11.3	20.8
1 6	4 33.75	+ 3 3.1	1.898	2.709	14.1	21.1
1 16	4 30.35	+ 3 28.9	2.001	2.722	16.5	21.3

504144 2006 SY_{129} 12 7.3 5.°26 22.°8/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.89	−16 11.0	1.006	1.813	24.6	20.5
11 17	5 15.38	−19 36.1	0.984	1.813	23.3	20.5
11 27	5 6.81	−22 13.1	0.978	1.813	22.8	20.4
12 7	4 56.61	−23 47.8	0.988	1.813	23.2	20.5
12 17	4 46.54	−24 14.1	1.012	1.815	24.3	20.6
12 27	4 38.38	−23 35.6	1.050	1.817	25.8	20.7
1 6	4 33.33	−22 3.7	1.099	1.819	27.4	20.8
1 16	4 31.97	−19 52.2	1.157	1.823	28.9	21.0

301397 2009 DP_{31} 12 7.3 316.°51 2.°8/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.06	+29 15.1	1.505	2.370	14.7	20.5
11 17	5 16.09	+29 24.5	1.426	2.353	10.7	20.2
11 27	5 7.24	+29 23.9	1.369	2.337	6.3	19.9
12 7	4 56.63	+29 11.1	1.339	2.320	2.8	19.7
12 17	4 45.75	+28 46.5	1.335	2.304	5.6	19.8
12 27	4 36.29	+28 13.5	1.358	2.289	10.3	20.0
1 6	4 29.53	+27 37.7	1.404	2.274	14.7	20.2
1 16	4 26.23	+27 4.4	1.471	2.260	18.5	20.5

187176 2005 SP_{36} 12 7.3 98.°30 0.°9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.04	+21 4.3	1.597	2.459	14.2	21.1
11 17	5 18.12	+20 52.5	1.550	2.480	9.9	20.9
11 27	5 7.92	+20 38.5	1.529	2.500	5.1	20.6
12 7	4 56.64	+20 23.1	1.535	2.520	0.9	20.4
12 17	4 45.66	+20 7.8	1.571	2.540	4.9	20.7
12 27	4 36.29	+19 55.3	1.634	2.559	9.4	21.0
1 6	4 29.45	+19 47.9	1.722	2.577	13.2	21.3
1 16	4 25.60	+19 47.2	1.831	2.595	16.3	21.6

209669 2005 CU_{56} 12 7.3 150.°21 6.°7/ 9.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.45	+42 23.0	2.010	2.818	13.8	20.7
11 17	5 20.07	+42 46.6	1.945	2.824	11.1	20.5
11 27	5 9.06	+42 51.0	1.903	2.829	8.4	20.3
12 7	4 56.68	+42 32.6	1.888	2.834	6.8	20.3
12 17	4 44.43	+41 51.2	1.901	2.838	7.4	20.3
12 27	4 33.83	+40 51.1	1.941	2.842	9.6	20.4
1 6	4 25.96	+39 40.0	2.008	2.846	12.3	20.6
1 16	4 21.36	+38 25.4	2.096	2.850	14.9	20.8

299583 2006 GK_{11} 12 7.3 307.°79 6.°1/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.60	+ 9 13.7	1.635	2.495	14.0	20.7
11 17	5 14.42	+ 8 17.9	1.573	2.493	10.6	20.4
11 27	5 6.10	+ 7 30.6	1.536	2.491	7.4	20.2
12 7	4 56.62	+ 6 56.5	1.526	2.489	6.1	20.2
12 17	4 47.14	+ 6 38.9	1.542	2.487	8.1	20.3
12 27	4 38.90	+ 6 39.4	1.585	2.485	11.5	20.5
1 6	4 32.82	+ 6 57.3	1.651	2.483	14.9	20.7
1 16	4 29.45	+ 7 30.0	1.736	2.481	17.8	20.9

116978 2004 HK_{28} 12 7.3 114.°38 2.°1/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.75	+16 45.4	1.998	2.857	11.8	20.0
11 17	5 14.25	+16 34.3	1.936	2.863	8.4	19.8
11 27	5 5.92	+16 25.3	1.900	2.868	4.6	19.6
12 7	4 56.61	+16 19.3	1.893	2.874	2.2	19.4
12 17	4 47.35	+16 17.6	1.915	2.879	4.8	19.6
12 27	4 39.16	+16 21.3	1.965	2.884	8.4	19.8
1 6	4 32.87	+16 31.1	2.042	2.889	11.8	20.1
1 16	4 28.96	+16 47.3	2.140	2.894	14.6	20.3

454041 2012 FS_{49} 12 7.3 247.°10 0.°7/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.05	+20 57.9	2.352	3.208	10.5	22.0
11 17	5 13.72	+20 50.6	2.269	3.196	7.4	21.7
11 27	5 5.67	+20 41.8	2.213	3.183	3.9	21.5
12 7	4 56.61	+20 31.9	2.186	3.170	0.7	21.2
12 17	4 47.45	+20 21.6	2.189	3.157	3.8	21.5
12 27	4 39.13	+20 12.7	2.222	3.144	7.4	21.7
1 6	4 32.44	+20 6.8	2.282	3.130	10.7	21.8
1 16	4 27.92	+20 5.5	2.365	3.116	13.4	22.0

483405 1999 CP_{2} 12 7.3 286.°14 6.°4/ 6.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.69	+ 5 6.9	1.874	2.719	13.2	21.6
11 17	5 14.46	+ 4 50.4	1.795	2.701	10.3	21.4
11 27	5 6.17	+ 4 46.7	1.739	2.684	7.6	21.2
12 7	4 56.63	+ 4 58.8	1.710	2.666	6.4	21.1
12 17	4 46.88	+ 5 28.1	1.710	2.648	8.0	21.1
12 27	4 38.05	+ 6 14.2	1.736	2.631	11.0	21.3
1 6	4 31.11	+ 7 14.7	1.787	2.613	14.2	21.5
1 16	4 26.69	+ 8 26.5	1.859	2.595	17.1	21.6

477247 2009 RS_{70} 12 7.3 128.°10 3.°0/ 6.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.31	+15 42.4	1.784	2.640	13.2	22.3
11 17	5 17.43	+15 12.0	1.733	2.657	9.4	22.1
11 27	5 7.53	+14 44.3	1.707	2.673	5.4	21.9
12 7	4 56.66	+14 21.3	1.710	2.689	3.0	21.8
12 17	4 46.01	+14 5.1	1.743	2.703	5.6	22.0
12 27	4 36.73	+13 57.5	1.804	2.717	9.4	22.3
1 6	4 29.69	+13 59.4	1.890	2.730	12.9	22.5
1 16	4 25.33	+14 10.5	1.998	2.743	15.8	22.8

71620 2000 EE_{40} 12 7.3 324.°06 2.°5/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.33	+29 43.7	2.036	2.889	11.9	18.8
11 17	5 14.23	+29 55.0	1.960	2.881	8.7	18.6
11 27	5 6.03	+29 58.1	1.909	2.873	5.1	18.3
12 7	4 56.63	+29 51.7	1.886	2.866	2.5	18.1
12 17	4 47.15	+29 35.9	1.891	2.858	4.5	18.3
12 27	4 38.75	+29 13.2	1.926	2.852	8.1	18.5
1 6	4 32.38	+28 47.2	1.986	2.845	11.5	18.7
1 16	4 28.62	+28 21.7	2.068	2.839	14.5	18.9

129637 1998 HH_{96} 12 7.3 186.°49 0.°5/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.31	+21 12.1	2.152	3.005	11.4	20.6
11 17	5 16.06	+21 14.0	2.080	3.005	8.0	20.3
11 27	5 6.90	+21 14.2	2.034	3.004	4.2	20.1
12 7	4 56.68	+21 12.8	2.018	3.003	0.5	19.8
12 17	4 46.43	+21 10.2	2.032	3.001	4.0	20.1
12 27	4 37.20	+21 7.9	2.077	2.999	7.9	20.3
1 6	4 29.86	+21 7.7	2.148	2.996	11.3	20.5
1 16	4 24.94	+21 11.2	2.241	2.992	14.1	20.7

450865 2007 XJ_{58} 12 7.3 350.°65 0.°3/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.95	+24 42.7	1.576	2.445	13.9	20.9
11 17	5 14.92	+24 21.8	1.510	2.442	9.8	20.7
11 27	5 6.46	+23 54.4	1.468	2.439	5.2	20.4
12 7	4 56.67	+23 21.4	1.452	2.437	0.3	20.0
12 17	4 46.90	+22 45.0	1.464	2.435	4.8	20.4
12 27	4 38.52	+22 9.3	1.504	2.434	9.5	20.6
1 6	4 32.59	+21 38.4	1.567	2.433	13.7	20.9
1 16	4 29.66	+21 15.0	1.651	2.433	17.1	21.1

135791 2002 RZ_{93} 12 7.3 71.°66 7.°1/ 8.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.85	+39 47.7	1.760	2.586	14.8	19.6
11 17	5 19.96	+40 46.3	1.704	2.596	11.7	19.4
11 27	5 9.17	+41 27.2	1.672	2.606	8.7	19.3
12 7	4 56.75	+41 45.3	1.665	2.616	7.1	19.2
12 17	4 44.34	+41 38.9	1.686	2.626	7.9	19.3
12 27	4 33.64	+41 11.5	1.733	2.636	10.4	19.5
1 6	4 25.87	+40 30.2	1.805	2.647	13.4	19.7
1 16	4 21.64	+39 42.5	1.897	2.657	16.0	19.9

224414 2005 UJ_{348} 12 7.3 8.°81 4.°4/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.07	+ 9 43.0	1.994	2.848	12.1	19.5
11 17	5 13.10	+ 9 33.1	1.930	2.849	9.0	19.3
11 27	5 5.36	+ 9 31.6	1.892	2.849	5.9	19.1
12 7	4 56.64	+ 9 40.2	1.881	2.850	4.4	19.0
12 17	4 47.91	+ 9 59.7	1.900	2.851	6.2	19.1
12 27	4 40.17	+10 30.0	1.946	2.853	9.2	19.3
1 6	4 34.21	+11 9.9	2.017	2.854	12.3	19.5
1 16	4 30.54	+11 57.6	2.110	2.856	15.0	19.7

31550 1999 DT_7 12 7.3 323.°31 3.°9/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.41	+13 26.4	1.520	2.387	14.5	18.7
11 17	5 15.91	+13 11.7	1.457	2.385	10.5	18.5
11 27	5 6.98	+13 3.4	1.418	2.383	6.3	18.2
12 7	4 56.69	+13 3.6	1.404	2.382	3.9	18.1
12 17	4 46.35	+13 13.5	1.419	2.380	6.6	18.2
12 27	4 37.36	+13 33.8	1.460	2.379	10.8	18.5
1 6	4 30.76	+14 4.2	1.524	2.377	14.8	18.7
1 16	4 27.18	+14 43.2	1.609	2.376	18.1	19.0

24239 Paulinehiga 12 7.3 49.°53 1.°3/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.64	+25 5.8	1.184	2.060	17.0	18.2
11 17	5 18.56	+25 19.3	1.141	2.075	12.0	18.0
11 27	5 8.42	+25 26.2	1.120	2.091	6.4	17.7
12 7	4 56.73	+25 24.9	1.123	2.108	1.3	17.5
12 17	4 45.34	+25 16.3	1.153	2.125	5.7	17.8
12 27	4 36.02	+25 3.9	1.208	2.142	11.0	18.2
1 6	4 29.94	+24 52.2	1.286	2.160	15.5	18.5
1 16	4 27.59	+24 44.7	1.382	2.177	19.2	18.8

480412 2015 KT_{92} 12 7.3 42.°57 3.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.14	+14 24.1	1.291	2.165	16.0	20.1
11 17	5 16.55	+14 23.1	1.244	2.176	11.5	19.9
11 27	5 7.31	+14 29.1	1.219	2.188	6.6	19.6
12 7	4 56.70	+14 43.1	1.220	2.200	3.5	19.5
12 17	4 46.26	+15 5.5	1.248	2.213	6.6	19.7
12 27	4 37.50	+15 36.0	1.301	2.226	11.2	20.0
1 6	4 31.50	+16 14.0	1.377	2.240	15.4	20.3
1 16	4 28.80	+16 58.0	1.472	2.254	18.9	20.6

482621 2013 AJ_{43} 12 7.3 13.°50 3.°2/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.49	+27 25.0	0.881	1.780	19.1	19.6
11 17	5 13.53	+27 57.6	0.845	1.790	13.7	19.4
11 27	5 6.02	+28 19.6	0.829	1.801	7.7	19.1
12 7	4 56.66	+28 28.2	0.833	1.816	3.2	18.9
12 17	4 47.57	+28 23.7	0.860	1.833	6.7	19.2
12 27	4 40.78	+28 10.4	0.909	1.852	12.3	19.6
1 6	4 37.58	+27 54.3	0.977	1.874	17.2	19.9
1 16	4 38.41	+27 40.0	1.063	1.897	21.2	20.3

372170 2008 TL_{42} 12 7.3 10.°31 2.°8/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.66	+32 3.0	2.219	3.063	11.4	20.6
11 17	5 14.25	+31 59.3	2.149	3.064	8.4	20.4
11 27	5 5.96	+31 45.5	2.104	3.064	5.1	20.2
12 7	4 56.67	+31 20.7	2.087	3.065	2.8	20.0
12 17	4 47.43	+30 46.0	2.101	3.066	4.4	20.1
12 27	4 39.30	+30 4.6	2.143	3.066	7.5	20.3
1 6	4 33.10	+29 20.6	2.211	3.067	10.7	20.5
1 16	4 29.34	+28 38.0	2.303	3.069	13.4	20.7

266607 2008 LV_{15} 12 7.3 295.°58 3.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.67	+14 53.6	1.398	2.268	15.3	21.0
11 17	5 17.06	+14 51.4	1.332	2.263	11.0	20.7
11 27	5 7.70	+14 55.2	1.289	2.257	6.3	20.4
12 7	4 56.74	+15 6.2	1.271	2.252	3.3	20.2
12 17	4 45.63	+15 24.8	1.281	2.246	6.5	20.4
12 27	4 35.95	+15 51.6	1.317	2.241	11.2	20.6
1 6	4 28.92	+16 26.4	1.376	2.236	15.6	20.9
1 16	4 25.21	+17 8.2	1.455	2.231	19.3	21.1

484372 2007 VQ_{212} 12 7.3 319.°29 1.°2/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.62	+19 17.3	1.619	2.488	13.7	21.2
11 17	5 15.42	+19 25.3	1.548	2.479	9.7	21.0
11 27	5 6.78	+19 34.4	1.500	2.472	5.1	20.7
12 7	4 56.71	+19 44.4	1.480	2.464	1.2	20.4
12 17	4 46.49	+19 55.6	1.487	2.457	5.1	20.6
12 27	4 37.49	+20 9.0	1.522	2.450	9.7	20.9
1 6	4 30.81	+20 25.9	1.581	2.443	13.8	21.1
1 16	4 27.11	+20 47.1	1.661	2.437	17.3	21.3

255573 2006 KW_{107} 12 7.3 56.°66 3.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.00	+27 49.2	1.121	1.996	18.0	20.3
11 17	5 20.47	+28 24.5	1.079	2.011	12.9	20.0
11 27	5 9.52	+28 49.8	1.058	2.027	7.3	19.8
12 7	4 56.80	+29 1.2	1.061	2.043	3.1	19.6
12 17	4 44.37	+28 58.4	1.090	2.059	6.4	19.8
12 27	4 34.22	+28 45.4	1.143	2.076	11.6	20.2
1 6	4 27.66	+28 28.4	1.219	2.093	16.2	20.5
1 16	4 25.18	+28 13.0	1.313	2.110	19.9	20.8

270080 2001 QL_{24} 12 7.3 66.°10 4.°6/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.55	+33 20.5	1.393	2.248	16.3	19.7
11 17	5 19.77	+33 39.5	1.346	2.264	12.0	19.4
11 27	5 9.02	+33 42.9	1.322	2.281	7.6	19.2
12 7	4 56.79	+33 27.7	1.324	2.299	4.6	19.1
12 17	4 44.88	+32 55.1	1.352	2.316	6.4	19.3
12 27	4 35.02	+32 10.4	1.407	2.333	10.5	19.5
1 6	4 28.34	+31 21.3	1.485	2.350	14.4	19.8
1 16	4 25.31	+30 34.4	1.584	2.368	17.7	20.1

386647 2009 SJ_{308} 12 7.3 35.°85 2.°1/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.19	+18 27.5	1.049	1.936	17.8	20.6
11 17	5 16.88	+18 21.7	1.014	1.954	12.5	20.3
11 27	5 7.54	+18 18.1	0.999	1.972	6.7	20.1
12 7	4 56.75	+18 17.8	1.008	1.992	2.1	19.9
12 17	4 46.34	+18 21.9	1.042	2.012	6.5	20.2
12 27	4 38.04	+18 32.1	1.100	2.034	11.8	20.6
1 6	4 32.95	+18 49.1	1.179	2.056	16.4	20.9
1 16	4 31.52	+19 13.1	1.277	2.078	20.1	21.2

273227 2006 JB_{61} 12 7.3 312.°88 1.°2/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.90	+25 57.7	2.059	2.917	11.6	20.8
11 17	5 13.92	+26 8.3	1.980	2.906	8.3	20.6
11 27	5 5.92	+26 14.1	1.925	2.894	4.5	20.3
12 7	4 56.72	+26 14.0	1.899	2.883	1.2	20.1
12 17	4 47.38	+26 8.3	1.902	2.872	4.1	20.3
12 27	4 39.04	+25 58.7	1.934	2.861	8.0	20.5
1 6	4 32.60	+25 47.9	1.992	2.851	11.5	20.7
1 16	4 28.68	+25 38.7	2.072	2.841	14.5	20.9

58977 1998 RK_{38} 12 7.3 86.°07 4.°1/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.43	+35 7.9	2.191	3.025	12.0	19.2
11 17	5 16.23	+35 29.6	2.133	3.038	9.0	19.1
11 27	5 7.01	+35 39.3	2.100	3.051	6.0	18.9
12 7	4 56.75	+35 34.9	2.096	3.064	4.1	18.8
12 17	4 46.60	+35 16.6	2.120	3.077	5.2	18.9
12 27	4 37.71	+34 47.2	2.174	3.090	7.9	19.1
1 6	4 30.93	+34 11.2	2.254	3.102	10.8	19.3
1 16	4 26.78	+33 33.4	2.356	3.115	13.3	19.5

66199 1999 BF_{13} 12 7.3 120.°32 2.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.77	+18 8.7	1.482	2.347	14.9	18.3
11 17	5 18.85	+17 46.2	1.432	2.361	10.5	18.1
11 27	5 8.44	+17 24.5	1.405	2.375	5.7	17.9
12 7	4 56.81	+17 5.2	1.406	2.388	2.3	17.7
12 17	4 45.40	+16 50.3	1.435	2.401	5.8	17.9
12 27	4 35.65	+16 42.2	1.491	2.413	10.3	18.2
1 6	4 28.57	+16 42.5	1.572	2.425	14.4	18.5
1 16	4 24.65	+16 51.8	1.673	2.436	17.7	18.8

480421 2015 KD_{112} 12 7.3 331.°34 6.°9/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.11	+ 9 42.4	1.370	2.238	15.6	20.4
11 17	5 15.13	+ 8 32.5	1.310	2.234	11.8	20.2
11 27	5 6.64	+ 7 31.5	1.274	2.230	8.3	19.9
12 7	4 56.76	+ 6 45.3	1.262	2.226	6.9	19.9
12 17	4 46.87	+ 6 18.9	1.276	2.222	9.2	20.0
12 27	4 38.42	+ 6 14.6	1.315	2.219	13.0	20.2
1 6	4 32.48	+ 6 31.3	1.376	2.216	16.8	20.4
1 16	4 29.64	+ 7 5.9	1.454	2.214	20.1	20.6

352278 2007 TZ_{350} 12 7.3 19.°74 0.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.83	+22 56.3	1.332	2.209	15.5	20.3
11 17	5 15.80	+23 3.8	1.278	2.214	10.9	20.0
11 27	5 7.03	+23 7.9	1.247	2.220	5.7	19.8
12 7	4 56.78	+23 8.1	1.241	2.227	0.3	19.4
12 17	4 46.60	+23 5.1	1.262	2.234	5.3	19.8
12 27	4 38.07	+23 1.3	1.309	2.242	10.4	20.1
1 6	4 32.33	+22 59.6	1.379	2.252	14.8	20.4
1 16	4 29.95	+23 2.3	1.468	2.261	18.4	20.7

155562 1999 VD_{183} 12 7.3 9.°11 0.°4/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.01	+22 44.3	2.009	2.868	11.8	19.5
11 17	5 14.64	+23 5.6	1.941	2.869	8.3	19.3
11 27	5 6.26	+23 25.0	1.899	2.869	4.4	19.1
12 7	4 56.77	+23 41.5	1.885	2.870	0.4	18.8
12 17	4 47.20	+23 54.7	1.901	2.871	4.1	19.1
12 27	4 38.70	+24 5.5	1.946	2.872	8.0	19.3
1 6	4 32.14	+24 15.7	2.016	2.873	11.5	19.5
1 16	4 28.10	+24 26.9	2.109	2.875	14.4	19.7

472439 2015 BV_{304} 12 7.3 250.°11 2.°8/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.95	+15 50.5	1.398	2.267	15.4	21.5
11 17	5 17.99	+15 51.7	1.332	2.263	11.0	21.2
11 27	5 8.23	+15 57.8	1.289	2.259	6.2	20.9
12 7	4 56.83	+16 9.5	1.273	2.254	2.8	20.7
12 17	4 45.30	+16 27.3	1.284	2.250	6.2	20.9
12 27	4 35.25	+16 51.7	1.321	2.246	11.1	21.2
1 6	4 27.89	+17 22.9	1.381	2.241	15.6	21.4
1 16	4 23.92	+18 0.5	1.462	2.236	19.3	21.6

436128 2009 TT_{40} 12 7.3 18.°57 10.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.09	+ 1 18.4	1.124	1.986	18.8	19.8
11 17	5 15.33	+ 0 51.9	1.080	1.991	15.1	19.6
11 27	5 6.80	+ 0 50.7	1.057	1.998	11.7	19.4
12 7	4 56.79	+ 1 19.5	1.055	2.005	10.3	19.4
12 17	4 46.90	+ 2 18.6	1.077	2.014	11.7	19.5
12 27	4 38.73	+ 3 43.8	1.121	2.023	14.9	19.7
1 6	4 33.42	+ 5 27.6	1.186	2.034	18.5	20.0
1 16	4 31.53	+ 7 22.1	1.269	2.045	21.6	20.2

263204 2008 AJ_6 12 7.3 220.°64 1.°8/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.21	+17 48.2	1.616	2.477	14.1	20.9
11 17	5 18.68	+17 50.7	1.542	2.470	10.0	20.7
11 27	5 8.54	+17 55.2	1.492	2.462	5.5	20.4
12 7	4 56.85	+18 1.8	1.470	2.453	1.8	20.1
12 17	4 44.97	+18 11.1	1.477	2.444	5.5	20.3
12 27	4 34.37	+18 24.1	1.511	2.434	10.2	20.6
1 6	4 26.24	+18 41.9	1.571	2.423	14.4	20.8
1 16	4 21.25	+19 5.6	1.651	2.412	17.9	21.0

210918 2001 SP_{273} 12 7.3 117.°36 0.°3/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.95	+24 16.0	2.251	3.102	11.0	21.3
11 17	5 15.63	+24 9.2	2.196	3.120	7.7	21.1
11 27	5 6.62	+23 58.2	2.168	3.137	4.0	20.9
12 7	4 56.80	+23 43.1	2.169	3.154	0.4	20.7
12 17	4 47.12	+23 25.0	2.201	3.171	3.7	21.0
12 27	4 38.58	+23 6.1	2.263	3.186	7.2	21.2
1 6	4 31.89	+22 48.9	2.352	3.202	10.4	21.4
1 16	4 27.50	+22 35.4	2.465	3.217	12.9	21.7

507891 2014 QM_{442} 12 7.3 145.°72 15.°3/10.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 43.75	+52 30.8	1.282	2.065	21.5	21.4
11 17	5 33.63	+54 32.9	1.232	2.071	18.9	21.2
11 27	5 17.38	+56 1.0	1.201	2.076	16.6	21.1
12 7	4 57.14	+56 39.7	1.190	2.080	15.4	21.0
12 17	4 36.60	+56 22.2	1.200	2.085	15.7	21.0
12 27	4 19.72	+55 15.3	1.232	2.089	17.3	21.2
1 6	4 8.87	+53 36.3	1.284	2.092	19.7	21.3
1 16	4 4.62	+51 43.0	1.352	2.095	22.1	21.5

46258 2001 HE_{45} 12 7.3 52.°06 2.°6/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.24	+29 4.5	1.206	2.077	17.2	17.8
11 17	5 19.00	+29 1.5	1.163	2.093	12.3	17.6
11 27	5 8.68	+28 46.0	1.141	2.110	6.9	17.3
12 7	4 56.87	+28 17.2	1.145	2.127	2.6	17.1
12 17	4 45.45	+27 37.5	1.174	2.145	5.9	17.4
12 27	4 36.20	+26 52.9	1.229	2.162	10.9	17.7
1 6	4 30.23	+26 10.1	1.306	2.180	15.3	18.0
1 16	4 27.98	+25 34.1	1.403	2.199	19.0	18.3

415631 2014 QM_{377} 12 7.3 309.°82 3.°6/ 6.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.65	+14 0.2	2.054	2.914	11.6	21.1
11 17	5 12.83	+13 14.3	1.986	2.910	8.4	20.9
11 27	5 5.27	+12 31.3	1.943	2.906	5.2	20.7
12 7	4 56.78	+11 54.2	1.929	2.903	3.6	20.6
12 17	4 48.29	+11 25.7	1.944	2.899	5.7	20.7
12 27	4 40.77	+11 7.9	1.987	2.896	9.0	20.9
1 6	4 35.00	+11 1.8	2.055	2.892	12.1	21.1
1 16	4 31.47	+11 7.0	2.144	2.889	14.8	21.3

262519 2006 UN_{281} 12 7.3 153.°52 1.°4/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.97	+26 1.3	1.977	2.832	12.2	20.4
11 17	5 16.08	+26 22.0	1.909	2.833	8.7	20.2
11 27	5 7.05	+26 37.7	1.867	2.835	4.7	19.9
12 7	4 56.84	+26 46.9	1.853	2.836	1.5	19.7
12 17	4 46.58	+26 49.4	1.869	2.838	4.3	19.9
12 27	4 37.47	+26 46.8	1.913	2.839	8.2	20.1
1 6	4 30.45	+26 41.8	1.984	2.840	11.7	20.4
1 16	4 26.10	+26 37.4	2.077	2.841	14.6	20.6

405910 2006 HC_{117} 12 7.3 191.°52 1.°7/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.89	+26 34.8	2.536	3.381	10.1	20.7
11 17	5 15.04	+27 14.1	2.461	3.381	7.2	20.5
11 27	5 6.45	+27 49.5	2.414	3.380	4.1	20.3
12 7	4 56.83	+28 19.2	2.397	3.379	1.7	20.2
12 17	4 47.09	+28 42.1	2.411	3.378	3.7	20.3
12 27	4 38.19	+28 58.7	2.456	3.377	6.9	20.5
1 6	4 30.92	+29 10.7	2.528	3.375	9.8	20.7
1 16	4 25.83	+29 20.2	2.624	3.374	12.3	20.9

202771 2007 RH_{278} 12 7.3 123.°69 0.°8/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.25	+18 57.0	2.810	3.660	9.1	20.4
11 17	5 12.88	+19 7.0	2.748	3.672	6.4	20.2
11 27	5 5.18	+19 17.5	2.714	3.684	3.4	20.0
12 7	4 56.79	+19 28.2	2.711	3.695	0.8	19.8
12 17	4 48.43	+19 39.5	2.739	3.706	3.3	20.1
12 27	4 40.84	+19 51.7	2.797	3.717	6.2	20.3
1 6	4 34.63	+20 5.7	2.884	3.727	8.8	20.5
1 16	4 30.19	+20 21.9	2.994	3.737	11.1	20.6

447838 2007 UA_{29} 12 7.3 339.°02 5.°0/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.01	+14 46.4	1.389	2.266	14.9	20.3
11 17	5 13.74	+13 30.0	1.323	2.256	10.9	20.1
11 27	5 5.98	+12 15.4	1.281	2.247	6.8	19.8
12 7	4 56.83	+11 8.3	1.264	2.238	5.0	19.7
12 17	4 47.64	+10 14.6	1.273	2.230	7.8	19.8
12 27	4 39.82	+ 9 38.9	1.308	2.223	12.1	20.0
1 6	4 34.46	+ 9 22.8	1.365	2.217	16.2	20.3
1 16	4 32.14	+ 9 25.2	1.440	2.212	19.7	20.5

147151 2002 TX_{293} 12 7.3 342.°62 0.°5/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.98	+24 25.4	1.081	1.969	17.3	19.6
11 17	5 15.10	+23 40.3	1.016	1.958	12.3	19.2
11 27	5 6.94	+22 45.0	0.973	1.947	6.5	18.9
12 7	4 56.86	+21 42.4	0.953	1.938	0.5	18.4
12 17	4 46.70	+20 37.8	0.957	1.930	6.3	18.8
12 27	4 38.38	+19 38.7	0.986	1.923	12.3	19.1
1 6	4 33.28	+18 51.6	1.035	1.918	17.6	19.4
1 16	4 32.07	+18 19.8	1.101	1.914	22.0	19.7

474147 1998 RF_{14} 12 7.3 89.°54 1.°5/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.76	+19 41.9	1.515	2.379	14.7	21.7
11 17	5 18.70	+19 24.3	1.474	2.404	10.3	21.5
11 27	5 8.33	+19 6.0	1.457	2.428	5.4	21.3
12 7	4 56.91	+18 48.2	1.468	2.452	1.5	21.1
12 17	4 45.85	+18 32.8	1.507	2.475	5.3	21.4
12 27	4 36.50	+18 22.1	1.574	2.498	9.7	21.7
1 6	4 29.78	+18 18.2	1.666	2.521	13.6	22.0
1 16	4 26.10	+18 22.0	1.778	2.542	16.7	22.3

156889 2003 EH_{20} 12 7.3 251.°68 0.°3/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.18	+24 1.2	1.709	2.570	13.4	21.0
11 17	5 17.25	+23 55.9	1.630	2.559	9.6	20.7
11 27	5 7.81	+23 45.7	1.576	2.547	5.1	20.4
12 7	4 56.90	+23 30.2	1.550	2.535	0.4	20.1
12 17	4 45.81	+23 10.4	1.552	2.522	4.7	20.4
12 27	4 35.98	+22 49.4	1.583	2.510	9.4	20.6
1 6	4 28.51	+22 30.6	1.638	2.497	13.6	20.8
1 16	4 24.08	+22 17.1	1.714	2.484	17.1	21.1

311618 2006 QO_3 12 7.3 54.°66 6.°3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.51	+ 8 12.9	1.546	2.405	14.7	20.0
11 17	5 14.92	+ 7 27.4	1.511	2.429	11.0	19.8
11 27	5 6.33	+ 6 53.8	1.500	2.453	7.7	19.7
12 7	4 56.85	+ 6 35.6	1.515	2.476	6.3	19.7
12 17	4 47.67	+ 6 34.7	1.556	2.501	8.0	19.8
12 27	4 39.94	+ 6 51.1	1.624	2.525	11.2	20.1
1 6	4 34.48	+ 7 22.5	1.715	2.549	14.3	20.3
1 16	4 31.68	+ 8 5.9	1.826	2.574	17.0	20.6

412808 2014 PJ_{32} 12 7.3 43.°72 4.°5/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.84	+10 17.8	1.824	2.682	12.9	20.6
11 17	5 13.72	+10 5.9	1.772	2.693	9.5	20.4
11 27	5 5.75	+10 2.6	1.745	2.704	6.1	20.2
12 7	4 56.84	+10 9.7	1.746	2.716	4.5	20.2
12 17	4 48.01	+10 27.8	1.774	2.728	6.3	20.3
12 27	4 40.34	+10 56.7	1.830	2.740	9.5	20.5
1 6	4 34.61	+11 35.1	1.911	2.753	12.7	20.8
1 16	4 31.31	+12 21.1	2.013	2.766	15.4	21.0

461320 2015 XH_{235} 12 7.3 339.°74 0.°9/ 7.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.20	+20 7.5	1.829	2.695	12.5	21.7
11 17	5 14.22	+20 10.4	1.760	2.690	8.8	21.5
11 27	5 6.13	+20 13.1	1.715	2.686	4.6	21.2
12 7	4 56.85	+20 15.7	1.697	2.682	0.9	20.9
12 17	4 47.49	+20 18.7	1.709	2.678	4.5	21.2
12 27	4 39.23	+20 23.6	1.748	2.675	8.7	21.4
1 6	4 33.02	+20 31.7	1.813	2.672	12.5	21.7
1 16	4 29.44	+20 44.1	1.899	2.670	15.6	21.9

145861 1999 LF_1 12 7.3 244.°89 2.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.02	+11 44.4	2.376	3.213	11.0	19.7
11 17	5 18.04	+12 24.6	2.283	3.197	8.0	19.5
11 27	5 8.10	+13 12.7	2.219	3.180	4.8	19.3
12 7	4 56.93	+14 8.0	2.185	3.163	2.6	19.1
12 17	4 45.45	+15 9.0	2.185	3.145	4.7	19.2
12 27	4 34.70	+16 13.9	2.216	3.127	8.1	19.4
1 6	4 25.59	+17 21.3	2.276	3.108	11.3	19.5
1 16	4 18.73	+18 30.0	2.361	3.089	14.1	19.7

173377 2000 BZ 12 7.3 180.°96 14.°6/11.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 42.49	+52 43.2	1.257	2.043	21.7	19.8
11 17	5 32.42	+54 2.0	1.200	2.044	19.0	19.6
11 27	5 16.54	+54 44.5	1.161	2.044	16.4	19.5
12 7	4 57.20	+54 37.0	1.141	2.044	14.8	19.4
12 17	4 38.00	+53 34.6	1.144	2.044	14.9	19.4
12 27	4 22.56	+51 46.2	1.168	2.043	16.7	19.5
1 6	4 12.91	+49 30.2	1.213	2.042	19.4	19.6
1 16	4 9.43	+47 5.1	1.276	2.040	22.2	19.8

490936 2011 CG_{81} 12 7.3 277.°76 1.°0/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.05	+26 52.5	2.261	3.114	10.9	21.8
11 17	5 13.87	+26 39.2	2.180	3.103	7.8	21.6
11 27	5 5.87	+26 19.4	2.125	3.093	4.2	21.4
12 7	4 56.85	+25 53.1	2.099	3.083	1.1	21.1
12 17	4 47.78	+25 21.6	2.103	3.073	3.8	21.3
12 27	4 39.66	+24 47.6	2.136	3.062	7.4	21.5
1 6	4 33.32	+24 14.4	2.196	3.052	10.7	21.7
1 16	4 29.28	+23 45.0	2.280	3.042	13.6	21.9

358706 2008 AC_{83} 12 7.3 60.°31 1.°2/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.23	+19 9.0	1.748	2.612	13.0	20.8
11 17	5 15.61	+19 16.1	1.688	2.618	9.2	20.5
11 27	5 6.83	+19 24.0	1.654	2.624	4.9	20.3
12 7	4 56.89	+19 32.6	1.647	2.631	1.2	20.1
12 17	4 46.97	+19 42.3	1.668	2.637	4.7	20.3
12 27	4 38.30	+19 53.9	1.718	2.644	8.9	20.6
1 6	4 31.82	+20 8.7	1.793	2.651	12.7	20.8
1 16	4 28.08	+20 27.5	1.890	2.657	15.8	21.1

78393 Dillon 12 7.3 112.°57 1.°1/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.79	+25 45.7	1.886	2.742	12.6	20.0
11 17	5 16.60	+25 48.8	1.827	2.752	8.9	19.8
11 27	5 7.30	+25 46.1	1.793	2.762	4.8	19.6
12 7	4 56.91	+25 37.0	1.788	2.772	1.1	19.3
12 17	4 46.61	+25 22.3	1.812	2.781	4.3	19.6
12 27	4 37.62	+25 4.6	1.864	2.791	8.3	19.9
1 6	4 30.83	+24 47.1	1.943	2.800	11.9	20.1
1 16	4 26.75	+24 32.7	2.044	2.809	14.8	20.3

243732 2000 KV_{13} 12 7.3 151.°94 1.°0/ 7.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.74	+21 24.8	1.762	2.617	13.4	21.6
11 17	5 19.35	+21 0.9	1.702	2.628	9.4	21.4
11 27	5 8.72	+20 33.7	1.669	2.639	4.9	21.1
12 7	4 56.96	+20 4.4	1.664	2.648	1.0	20.9
12 17	4 45.36	+19 35.1	1.689	2.657	4.8	21.2
12 27	4 35.22	+19 9.0	1.743	2.664	9.2	21.4
1 6	4 27.49	+18 49.0	1.823	2.671	13.0	21.7
1 16	4 22.66	+18 37.1	1.925	2.676	16.1	21.9

244328 2002 JL_5 12 7.3 209.°04 1.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.80	+27 17.5	2.183	3.029	11.5	21.0
11 17	5 17.32	+27 35.0	2.103	3.023	8.3	20.8
11 27	5 7.74	+27 46.6	2.050	3.016	4.6	20.6
12 7	4 56.93	+27 50.6	2.026	3.009	1.7	20.3
12 17	4 46.00	+27 46.9	2.033	3.001	4.2	20.5
12 27	4 36.10	+27 37.2	2.070	2.992	7.9	20.7
1 6	4 28.18	+27 24.5	2.133	2.983	11.3	20.9
1 16	4 22.83	+27 12.1	2.219	2.973	14.1	21.1

244135 2001 VP_{102} 12 7.3 95.°24 1.°8/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.08	+27 33.4	1.968	2.821	12.3	20.6
11 17	5 16.11	+27 47.8	1.907	2.830	8.8	20.4
11 27	5 7.07	+27 55.5	1.872	2.839	4.9	20.1
12 7	4 56.92	+27 55.2	1.865	2.848	1.8	20.0
12 17	4 46.83	+27 47.3	1.888	2.856	4.3	20.1
12 27	4 37.97	+27 33.8	1.939	2.865	8.1	20.4
1 6	4 31.25	+27 18.1	2.017	2.874	11.5	20.6
1 16	4 27.19	+27 3.5	2.117	2.882	14.4	20.8

196006 2002 RJ_{242} 12 7.3 259.°48 4.°0/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.15	+36 2.8	2.409	3.238	11.2	20.8
11 17	5 15.41	+36 13.4	2.328	3.229	8.5	20.6
11 27	5 6.72	+36 12.0	2.272	3.220	5.8	20.4
12 7	4 56.92	+35 56.9	2.244	3.211	4.1	20.3
12 17	4 47.05	+35 28.2	2.246	3.201	5.0	20.3
12 27	4 38.22	+34 48.4	2.277	3.192	7.7	20.5
1 6	4 31.31	+34 1.9	2.334	3.183	10.5	20.6
1 16	4 26.86	+33 13.6	2.415	3.173	13.0	20.8

206488 2003 UJ_{74} 12 7.3 46.°20 0.°9/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.96	+20 7.2	1.349	2.223	15.5	19.2
11 17	5 17.05	+20 16.4	1.310	2.244	10.8	19.0
11 27	5 7.62	+20 25.4	1.294	2.266	5.6	18.8
12 7	4 56.96	+20 33.9	1.304	2.289	0.9	18.5
12 17	4 46.60	+20 42.2	1.341	2.312	5.3	18.9
12 27	4 38.01	+20 51.9	1.405	2.335	10.1	19.2
1 6	4 32.16	+21 4.5	1.492	2.359	14.2	19.5
1 16	4 29.52	+21 21.2	1.599	2.383	17.5	19.8

424533 2008 EC_{100} 12 7.3 230.°71 2.°7/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.36	+27 42.9	1.747	2.597	13.7	21.4
11 17	5 20.41	+28 27.6	1.666	2.586	10.0	21.1
11 27	5 9.62	+29 6.7	1.610	2.575	5.8	20.8
12 7	4 57.04	+29 36.2	1.582	2.563	2.7	20.6
12 17	4 44.11	+29 54.0	1.584	2.550	5.3	20.8
12 27	4 32.42	+30 0.9	1.615	2.537	9.7	21.0
1 6	4 23.27	+30 0.8	1.671	2.523	13.7	21.2
1 16	4 17.45	+29 58.1	1.748	2.509	17.1	21.4

156862 2003 DF_9 12 7.3 258.°00 0.°9/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.03	+24 10.9	1.671	2.531	13.7	21.0
11 17	5 18.00	+24 28.8	1.591	2.519	9.8	20.8
11 27	5 8.33	+24 43.0	1.536	2.506	5.3	20.5
12 7	4 57.01	+24 52.0	1.509	2.493	0.9	20.1
12 17	4 45.44	+24 55.2	1.510	2.480	4.9	20.4
12 27	4 35.09	+24 54.2	1.539	2.467	9.6	20.6
1 6	4 27.19	+24 52.3	1.593	2.453	13.9	20.9
1 16	4 22.47	+24 52.4	1.668	2.439	17.4	21.1

181855 1998 WT_{31} 12 7.3 359.°13 0.°5/ 9.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 0.09	+40 55.2	36.800	37.592	0.9	23.2
11 17	4 59.03	+40 57.4	36.724	37.591	0.7	23.1
11 27	4 57.87	+40 58.5	36.675	37.591	0.6	23.1
12 7	4 56.66	+40 58.7	36.655	37.591	0.5	23.1
12 17	4 55.45	+40 58.0	36.664	37.591	0.5	23.1
12 27	4 54.29	+40 56.3	36.702	37.591	0.6	23.1
1 6	4 53.21	+40 53.9	36.769	37.591	0.8	23.1
1 16	4 52.28	+40 50.9	36.861	37.591	1.0	23.2

373392 2013 PR 12 7.3 184.°33 0.°3/ 7.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.25	+22 58.4	2.432	3.287	10.2	21.2
11 17	5 13.11	+22 33.0	2.361	3.287	7.1	21.0
11 27	5 5.42	+22 4.0	2.317	3.287	3.7	20.8
12 7	4 56.91	+21 32.4	2.302	3.287	0.3	20.5
12 17	4 48.44	+21 0.1	2.317	3.286	3.6	20.7
12 27	4 40.87	+20 29.3	2.363	3.286	7.0	21.0
1 6	4 34.89	+20 2.4	2.435	3.285	10.0	21.2
1 16	4 30.97	+19 41.3	2.531	3.285	12.6	21.3

244822 2003 TS_{43} 12 7.4 149.°15 1.°9/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.69	+27 25.3	1.905	2.758	12.7	20.8
11 17	5 17.37	+27 44.2	1.840	2.762	9.1	20.5
11 27	5 7.80	+27 56.5	1.800	2.767	5.1	20.3
12 7	4 57.00	+28 0.5	1.788	2.771	1.9	20.1
12 17	4 46.20	+27 56.0	1.806	2.775	4.5	20.3
12 27	4 36.66	+27 45.3	1.853	2.778	8.4	20.5
1 6	4 29.36	+27 31.7	1.926	2.781	12.0	20.8
1 16	4 24.87	+27 18.8	2.020	2.784	15.0	21.0

304323 2006 SH_{183} 12 7.4 152.°80 1.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.43	+19 34.0	1.923	2.785	12.2	21.2
11 17	5 14.93	+19 14.3	1.858	2.786	8.6	21.0
11 27	5 6.47	+18 53.8	1.818	2.788	4.6	20.7
12 7	4 56.96	+18 33.7	1.806	2.789	1.4	20.5
12 17	4 47.47	+18 15.7	1.823	2.791	4.6	20.7
12 27	4 39.11	+18 1.9	1.869	2.792	8.5	21.0
1 6	4 32.74	+17 54.2	1.941	2.793	12.1	21.2
1 16	4 28.88	+17 53.7	2.034	2.794	15.1	21.4

116865 2004 FE_{98} 12 7.4 80.°35 15.°5/ 4.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.22	−13 39.5	1.519	2.301	18.7	19.2
11 17	5 15.59	−15 17.2	1.490	2.313	17.0	19.1
11 27	5 6.80	−16 21.6	1.480	2.326	15.8	19.0
12 7	4 56.97	−16 45.6	1.491	2.338	15.5	19.1
12 17	4 47.36	−16 27.1	1.523	2.350	16.2	19.1
12 27	4 39.21	−15 29.0	1.575	2.362	17.6	19.3
1 6	4 33.40	−13 58.9	1.644	2.375	19.2	19.4
1 16	4 30.38	−12 5.8	1.730	2.387	20.8	19.6

393782 2005 JB_{51} 12 7.4 92.°06 4.°8/ 5.7 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.55	+10 20.8	2.133	2.980	11.7	22.5
11 17	5 15.21	+ 9 15.8	2.097	3.010	8.7	22.4
11 27	5 6.39	+ 8 17.6	2.087	3.039	5.9	22.3
12 7	4 56.96	+ 7 29.6	2.106	3.068	4.8	22.3
12 17	4 47.82	+ 6 54.6	2.156	3.096	6.4	22.4
12 27	4 39.85	+ 6 34.1	2.234	3.124	9.1	22.6
1 6	4 33.67	+ 6 27.8	2.337	3.151	11.7	22.8
1 16	4 29.66	+ 6 34.3	2.462	3.178	13.9	23.1

418779 2008 UV_{276} 12 7.4 296.°13 3.°8/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.68	+33 13.5	2.327	3.163	11.2	20.6
11 17	5 15.90	+33 59.1	2.252	3.159	8.4	20.4
11 27	5 7.07	+34 36.1	2.202	3.155	5.6	20.3
12 7	4 57.00	+35 1.4	2.182	3.151	3.9	20.1
12 17	4 46.76	+35 13.7	2.191	3.147	5.1	20.2
12 27	4 37.50	+35 14.0	2.229	3.143	7.9	20.4
1 6	4 30.14	+35 5.7	2.293	3.139	10.7	20.6
1 16	4 25.32	+34 52.5	2.381	3.135	13.3	20.7

120256 2004 GV_{17} 12 7.4 97.°12 0.°2/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.83	+24 3.7	1.590	2.450	14.3	20.6
11 17	5 18.84	+23 52.6	1.543	2.471	10.0	20.4
11 27	5 8.50	+23 36.1	1.520	2.491	5.2	20.1
12 7	4 57.05	+23 14.6	1.526	2.511	0.3	19.8
12 17	4 45.90	+22 49.8	1.560	2.530	4.7	20.2
12 27	4 36.42	+22 25.3	1.622	2.549	9.3	20.5
1 6	4 29.54	+22 4.5	1.710	2.568	13.2	20.8
1 16	4 25.72	+21 50.0	1.818	2.586	16.3	21.0

230291 2001 YB_{31} 12 7.4 195.°55 1.°4/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.60	+25 17.9	1.731	2.589	13.5	20.5
11 17	5 18.24	+25 43.4	1.662	2.588	9.6	20.3
11 27	5 8.37	+26 4.3	1.618	2.586	5.2	20.0
12 7	4 57.05	+26 18.5	1.601	2.585	1.4	19.8
12 17	4 45.61	+26 25.4	1.614	2.583	4.7	20.0
12 27	4 35.49	+26 26.6	1.654	2.581	9.1	20.3
1 6	4 27.79	+26 25.1	1.720	2.578	13.1	20.5
1 16	4 23.15	+26 24.3	1.808	2.576	16.4	20.7

230770 2003 YV_{10} 12 7.4 297.°30 2.°0/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.35	+28 21.7	2.245	3.095	11.1	20.1
11 17	5 14.23	+28 36.2	2.162	3.083	8.0	19.9
11 27	5 6.17	+28 44.4	2.106	3.072	4.6	19.7
12 7	4 56.98	+28 45.0	2.078	3.060	2.0	19.5
12 17	4 47.64	+28 38.0	2.080	3.048	4.1	19.6
12 27	4 39.22	+28 25.1	2.111	3.036	7.6	19.8
1 6	4 32.62	+28 9.2	2.169	3.025	10.8	20.0
1 16	4 28.41	+27 53.3	2.249	3.013	13.7	20.1

484570 2008 LS_{11} 12 7.4 280.°23 2.°5/ 7.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.28	+14 27.9	2.012	2.869	11.9	21.4
11 17	5 14.89	+14 38.6	1.935	2.860	8.6	21.2
11 27	5 6.53	+14 54.4	1.884	2.850	4.9	21.0
12 7	4 57.01	+15 15.7	1.861	2.841	2.5	20.8
12 17	4 47.32	+15 42.4	1.868	2.832	5.0	20.9
12 27	4 38.57	+16 14.5	1.904	2.823	8.7	21.1
1 6	4 31.66	+16 51.6	1.966	2.814	12.2	21.3
1 16	4 27.17	+17 33.2	2.050	2.805	15.1	21.5

78790 2002 VH_{120} 12 7.4 165.°96 3.°3/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.42	+33 19.4	2.026	2.859	12.8	19.3
11 17	5 19.88	+33 17.4	1.957	2.866	9.5	19.1
11 27	5 9.08	+33 2.5	1.915	2.871	5.9	18.9
12 7	4 57.09	+32 33.2	1.901	2.876	3.4	18.7
12 17	4 45.24	+31 50.6	1.917	2.880	5.0	18.8
12 27	4 34.81	+30 59.0	1.963	2.883	8.4	19.0
1 6	4 26.78	+30 3.9	2.036	2.885	11.7	19.3
1 16	4 21.66	+29 11.0	2.132	2.886	14.6	19.5

331393 2012 FJ_{19} 12 7.4 160.°07 2.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.01	+17 15.6	1.565	2.427	14.4	21.6
11 17	5 18.45	+16 58.5	1.504	2.432	10.2	21.4
11 27	5 8.43	+16 43.1	1.468	2.437	5.7	21.1
12 7	4 57.08	+16 30.8	1.459	2.440	2.5	20.9
12 17	4 45.77	+16 23.3	1.478	2.444	5.7	21.1
12 27	4 35.92	+16 22.4	1.525	2.447	10.2	21.4
1 6	4 28.58	+16 29.5	1.597	2.449	14.3	21.7
1 16	4 24.32	+16 44.9	1.689	2.451	17.6	21.9

513928 2014 DQ_4 12 7.4 117.°32 0.°8/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.54	+21 54.3	1.927	2.782	12.4	21.2
11 17	5 16.95	+21 25.4	1.873	2.800	8.7	21.0
11 27	5 7.45	+20 53.3	1.846	2.817	4.5	20.8
12 7	4 57.04	+20 19.4	1.848	2.833	0.8	20.5
12 17	4 46.85	+19 45.9	1.880	2.849	4.3	20.8
12 27	4 37.99	+19 15.8	1.942	2.864	8.3	21.1
1 6	4 31.24	+18 51.8	2.029	2.878	11.8	21.3
1 16	4 27.07	+18 35.6	2.139	2.892	14.6	21.6

414295 2008 QJ_{21} 12 7.4 76.°88 8.°7/11.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.47	+51 33.4	2.304	3.061	13.8	20.5
11 17	5 21.53	+52 2.4	2.251	3.078	11.8	20.4
11 27	5 9.95	+52 8.1	2.221	3.096	10.0	20.3
12 7	4 57.13	+51 46.9	2.216	3.113	8.9	20.3
12 17	4 44.66	+50 58.6	2.237	3.131	8.9	20.3
12 27	4 34.07	+49 47.9	2.285	3.148	10.1	20.4
1 6	4 26.37	+48 22.2	2.357	3.165	11.8	20.6
1 16	4 22.02	+46 50.0	2.452	3.182	13.6	20.7

134524 1999 RH_{18} 12 7.4 52.°45 2.°2/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.38	+26 42.3	1.095	1.971	18.2	19.1
11 17	5 20.58	+27 2.9	1.064	1.997	12.8	18.9
11 27	5 9.58	+27 14.0	1.053	2.024	7.0	18.7
12 7	4 57.12	+27 13.4	1.067	2.051	2.2	18.5
12 17	4 45.20	+27 2.1	1.107	2.078	6.0	18.8
12 27	4 35.69	+26 44.7	1.172	2.106	11.2	19.2
1 6	4 29.69	+26 26.8	1.258	2.134	15.7	19.5
1 16	4 27.57	+26 12.7	1.364	2.161	19.3	19.8

457267 2008 RP_{41} 12 7.4 339.°21 5.°9/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.33	+40 30.7	2.307	3.121	12.1	21.3
11 17	5 17.17	+41 11.7	2.237	3.120	9.6	21.2
11 27	5 7.76	+41 38.3	2.191	3.120	7.3	21.0
12 7	4 57.06	+41 47.0	2.173	3.120	6.0	20.9
12 17	4 46.27	+41 36.6	2.183	3.120	6.6	21.0
12 27	4 36.68	+41 9.6	2.220	3.120	8.7	21.1
1 6	4 29.28	+40 30.7	2.284	3.119	11.1	21.3
1 16	4 24.66	+39 45.7	2.370	3.119	13.5	21.4

451848 2013 LG_{18} 12 7.4 284.°97 3.°0/ 6.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.42	+16 31.2	1.918	2.780	12.2	21.7
11 17	5 14.40	+15 46.3	1.832	2.760	8.8	21.4
11 27	5 6.32	+15 1.6	1.773	2.740	5.1	21.2
12 7	4 57.01	+14 19.6	1.741	2.719	3.0	21.0
12 17	4 47.54	+13 43.6	1.738	2.699	5.6	21.1
12 27	4 39.03	+13 16.6	1.763	2.679	9.5	21.3
1 6	4 32.43	+13 0.8	1.814	2.658	13.2	21.5
1 16	4 28.34	+12 56.6	1.885	2.638	16.3	21.7

232142 2002 CQ_{16} 12 7.4 265.°76 6.°1/ 9.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.58	+38 53.6	1.731	2.561	14.8	20.4
11 17	5 20.02	+39 9.0	1.650	2.548	11.6	20.1
11 27	5 9.46	+39 5.9	1.592	2.535	8.3	19.9
12 7	4 57.13	+38 40.1	1.560	2.521	6.2	19.8
12 17	4 44.66	+37 51.2	1.555	2.508	7.2	19.8
12 27	4 33.79	+36 43.9	1.578	2.494	10.4	19.9
1 6	4 25.81	+35 26.5	1.626	2.480	13.9	20.1
1 16	4 21.41	+34 7.6	1.694	2.466	17.2	20.3

139921 2001 RR_{123} 12 7.4 12.°49 0.°2/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.10	+23 18.0	1.530	2.401	14.2	19.7
11 17	5 15.15	+23 19.2	1.470	2.403	10.0	19.5
11 27	5 6.76	+23 16.7	1.434	2.406	5.2	19.2
12 7	4 57.03	+23 10.3	1.425	2.410	0.3	18.9
12 17	4 47.32	+23 1.0	1.443	2.414	4.8	19.2
12 27	4 39.03	+22 51.2	1.487	2.419	9.5	19.5
1 6	4 33.20	+22 43.8	1.556	2.425	13.6	19.8
1 16	4 30.41	+22 41.0	1.645	2.431	17.0	20.0

60274 1999 XJ_{82} 12 7.4 289.°50 1.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.26	+19 58.9	1.715	2.580	13.2	19.6
11 17	5 15.84	+19 57.3	1.644	2.574	9.3	19.4
11 27	5 7.11	+19 55.3	1.598	2.569	5.0	19.1
12 7	4 57.05	+19 53.3	1.578	2.563	1.1	18.8
12 17	4 46.88	+19 52.0	1.588	2.557	4.8	19.1
12 27	4 37.91	+19 53.1	1.625	2.551	9.3	19.3
1 6	4 31.16	+19 58.2	1.687	2.546	13.3	19.5
1 16	4 27.26	+20 8.8	1.770	2.540	16.6	19.8

73922 1997 LZ_{12} 12 7.4 221.°17 0.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.73	+21 3.9	1.906	2.765	12.3	20.2
11 17	5 15.99	+21 4.7	1.833	2.761	8.7	20.0
11 27	5 7.12	+21 4.1	1.787	2.757	4.6	19.8
12 7	4 57.05	+21 2.1	1.768	2.753	0.6	19.4
12 17	4 46.89	+20 59.3	1.779	2.749	4.4	19.7
12 27	4 37.85	+20 57.3	1.819	2.744	8.6	20.0
1 6	4 30.87	+20 58.2	1.885	2.739	12.3	20.2
1 16	4 26.53	+21 3.3	1.972	2.734	15.4	20.4

54276 2000 JG_{45} 12 7.4 28.°44 1.°9/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.64	+25 18.0	1.537	2.403	14.4	18.0
11 17	5 17.01	+26 2.0	1.481	2.410	10.2	17.8
11 27	5 7.77	+26 41.7	1.449	2.418	5.6	17.6
12 7	4 57.07	+27 14.1	1.444	2.427	1.9	17.4
12 17	4 46.35	+27 37.7	1.466	2.436	5.1	17.6
12 27	4 37.11	+27 53.5	1.516	2.445	9.6	17.9
1 6	4 30.48	+28 4.3	1.590	2.455	13.5	18.1
1 16	4 27.05	+28 13.3	1.684	2.466	16.8	18.4

106133 2000 TA_{41} 12 7.4 358.°72 2.°1/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.58	+24 20.2	1.161	2.038	17.3	19.0
11 17	5 19.85	+25 18.3	1.102	2.036	12.4	18.7
11 27	5 9.58	+26 14.1	1.064	2.035	6.8	18.4
12 7	4 57.14	+27 2.5	1.051	2.035	2.2	18.1
12 17	4 44.46	+27 40.0	1.064	2.035	6.3	18.4
12 27	4 33.65	+28 6.7	1.102	2.035	11.8	18.7
1 6	4 26.26	+28 26.3	1.162	2.036	16.8	19.0
1 16	4 23.05	+28 43.0	1.240	2.038	20.8	19.2

177320 2003 YG_{42} 12 7.4 312.°33 0.°8/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.78	+21 17.9	1.741	2.605	13.0	20.8
11 17	5 15.43	+21 4.6	1.672	2.602	9.2	20.6
11 27	5 6.85	+20 49.1	1.628	2.599	4.8	20.3
12 7	4 57.04	+20 32.1	1.612	2.597	0.8	20.0
12 17	4 47.19	+20 15.1	1.624	2.594	4.7	20.3
12 27	4 38.56	+20 0.6	1.664	2.591	9.1	20.6
1 6	4 32.14	+19 50.9	1.729	2.589	13.0	20.8
1 16	4 28.49	+19 47.9	1.816	2.586	16.2	21.0

193250 2000 SV_{76} 12 7.4 353.°08 2.°7/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.92	+28 27.4	1.117	2.001	17.2	19.4
11 17	5 15.16	+28 31.1	1.056	1.993	12.5	19.1
11 27	5 7.08	+28 23.2	1.016	1.987	7.1	18.7
12 7	4 57.05	+28 2.1	0.999	1.982	2.7	18.5
12 17	4 46.92	+27 29.5	1.006	1.978	6.2	18.7
12 27	4 38.67	+26 50.3	1.037	1.976	11.7	19.0
1 6	4 33.68	+26 11.5	1.089	1.976	16.6	19.3
1 16	4 32.61	+25 38.3	1.159	1.977	20.8	19.5

243449 2009 HP_{19} 12 7.4 77.°58 2.°3/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.43	+15 33.8	1.883	2.740	12.6	20.5
11 17	5 16.18	+15 41.8	1.838	2.763	8.9	20.3
11 27	5 7.07	+15 53.6	1.819	2.787	4.9	20.1
12 7	4 57.05	+16 9.1	1.829	2.810	2.3	20.0
12 17	4 47.22	+16 28.6	1.868	2.833	4.8	20.2
12 27	4 38.66	+16 52.1	1.936	2.855	8.5	20.5
1 6	4 32.15	+17 19.6	2.030	2.878	11.8	20.8
1 16	4 28.15	+17 51.1	2.146	2.900	14.5	21.0

244199 2001 YE_{89} 12 7.4 323.°72 3.°6/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.30	+31 50.8	1.279	2.148	16.5	19.8
11 17	5 16.81	+31 38.4	1.199	2.127	12.3	19.5
11 27	5 7.98	+31 9.3	1.141	2.107	7.5	19.1
12 7	4 57.09	+30 21.4	1.108	2.088	3.7	18.9
12 17	4 45.93	+29 16.6	1.100	2.070	6.3	19.0
12 27	4 36.45	+28 1.7	1.117	2.052	11.5	19.2
1 6	4 30.15	+26 45.9	1.156	2.036	16.5	19.4
1 16	4 27.78	+25 37.2	1.214	2.021	20.7	19.7

443975 2003 UF_{104} 12 7.4 2.°05 3.°4/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.78	+31 23.6	1.221	2.095	16.8	19.7
11 17	5 15.51	+31 13.4	1.162	2.093	12.3	19.5
11 27	5 7.13	+30 47.5	1.125	2.092	7.3	19.2
12 7	4 57.05	+30 5.1	1.112	2.093	3.5	19.0
12 17	4 47.06	+29 8.8	1.124	2.095	6.1	19.1
12 27	4 38.94	+28 5.4	1.161	2.098	11.0	19.4
1 6	4 33.95	+27 2.9	1.220	2.102	15.6	19.7
1 16	4 32.64	+26 7.6	1.298	2.108	19.4	20.0

175237 2005 GC_{182} 12 7.4 191.°20 0.°6/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.82	+25 6.1	2.386	3.234	10.6	21.5
11 17	5 15.72	+24 58.9	2.310	3.232	7.5	21.3
11 27	5 6.86	+24 46.8	2.262	3.230	4.0	21.1
12 7	4 57.06	+24 29.7	2.243	3.227	0.6	20.8
12 17	4 47.23	+24 8.8	2.255	3.224	3.6	21.1
12 27	4 38.37	+23 46.0	2.297	3.220	7.2	21.3
1 6	4 31.25	+23 24.1	2.367	3.216	10.3	21.5
1 16	4 26.37	+23 5.6	2.460	3.211	13.0	21.6

418601 2008 SH_{262} 12 7.4 94.°61 0.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.25	+22 16.0	2.414	3.268	10.3	21.7
11 17	5 13.77	+22 13.1	2.358	3.284	7.2	21.6
11 27	5 5.77	+22 8.1	2.329	3.300	3.7	21.4
12 7	4 57.02	+22 1.0	2.330	3.315	0.2	21.1
12 17	4 48.36	+21 52.7	2.361	3.331	3.5	21.4
12 27	4 40.67	+21 44.7	2.422	3.346	6.8	21.7
1 6	4 34.61	+21 38.7	2.510	3.361	9.7	21.9
1 16	4 30.61	+21 35.9	2.622	3.376	12.2	22.1

29295 1993 OC_{13} 12 7.4 105.°98 0.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.33	+21 49.5	1.637	2.499	13.9	19.8
11 17	5 17.83	+21 36.2	1.584	2.513	9.7	19.5
11 27	5 8.04	+21 20.1	1.556	2.527	5.1	19.3
12 7	4 57.10	+21 1.7	1.556	2.541	0.6	19.0
12 17	4 46.36	+20 42.7	1.585	2.555	4.8	19.3
12 27	4 37.13	+20 25.9	1.642	2.568	9.2	19.6
1 6	4 30.34	+20 14.0	1.724	2.581	13.1	19.9
1 16	4 26.50	+20 8.8	1.827	2.593	16.3	20.2

73300 2002 JY_{69} 12 7.4 188.°46 2.°0/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.32	+17 6.5	1.735	2.592	13.5	20.0
11 17	5 18.62	+17 6.5	1.666	2.592	9.6	19.8
11 27	5 8.55	+17 8.9	1.622	2.591	5.3	19.6
12 7	4 57.14	+17 13.9	1.607	2.589	2.0	19.3
12 17	4 45.65	+17 22.2	1.621	2.587	5.2	19.5
12 27	4 35.43	+17 34.7	1.663	2.584	9.6	19.8
1 6	4 27.51	+17 52.3	1.731	2.580	13.5	20.0
1 16	4 22.51	+18 15.7	1.820	2.575	16.7	20.2

471207 2010 UP_{26} 12 7.4 325.°64 1.°4/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.23	+22 22.5	1.138	2.022	17.0	20.6
11 17	5 16.67	+21 37.3	1.071	2.010	12.1	20.3
11 27	5 7.86	+20 44.9	1.024	1.998	6.4	19.9
12 7	4 57.12	+19 48.4	1.002	1.987	1.4	19.6
12 17	4 46.22	+18 52.8	1.006	1.977	6.5	19.9
12 27	4 37.09	+18 4.4	1.033	1.967	12.4	20.2
1 6	4 31.10	+17 28.7	1.081	1.958	17.6	20.5
1 16	4 28.97	+17 8.2	1.147	1.950	21.9	20.7

72782 2001 FF_{167} 12 7.4 315.°96 2.°0/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.02	+17 34.3	1.996	2.859	11.7	18.7
11 17	5 13.31	+17 16.1	1.921	2.850	8.3	18.5
11 27	5 5.71	+16 58.9	1.872	2.841	4.6	18.2
12 7	4 57.04	+16 44.2	1.850	2.832	2.0	18.0
12 17	4 48.28	+16 33.5	1.858	2.823	4.7	18.2
12 27	4 40.49	+16 28.4	1.894	2.815	8.5	18.4
1 6	4 34.51	+16 30.2	1.955	2.807	12.0	18.6
1 16	4 30.90	+16 39.3	2.038	2.799	15.0	18.8

287652 2003 KV_{19} 12 7.4 127.°78 3.°6/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.17	+13 46.4	1.735	2.594	13.4	20.5
11 17	5 16.25	+13 27.0	1.677	2.601	9.6	20.3
11 27	5 7.23	+13 12.6	1.644	2.608	5.8	20.1
12 7	4 57.10	+13 5.2	1.638	2.615	3.6	20.0
12 17	4 47.04	+13 6.1	1.661	2.621	6.0	20.2
12 27	4 38.23	+13 16.5	1.712	2.627	9.7	20.4
1 6	4 31.59	+13 36.2	1.788	2.633	13.3	20.6
1 16	4 27.64	+14 4.4	1.885	2.639	16.3	20.9

23614 1996 FX 12 7.4 307.°37 6.°5/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.05	+ 6 13.8	1.951	2.801	12.5	19.0
11 17	5 12.62	+ 5 17.5	1.877	2.786	9.8	18.8
11 27	5 5.36	+ 4 30.4	1.827	2.771	7.4	18.7
12 7	4 57.03	+ 3 57.0	1.805	2.756	6.6	18.6
12 17	4 48.60	+ 3 40.5	1.810	2.742	8.1	18.6
12 27	4 41.06	+ 3 42.5	1.841	2.728	10.9	18.8
1 6	4 35.27	+ 4 2.2	1.896	2.714	13.8	18.9
1 16	4 31.78	+ 4 37.3	1.971	2.701	16.4	19.1

60224 1999 VE_{118} 12 7.4 122.°79 1.°9/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.81	+17 46.4	2.095	2.948	11.7	20.3
11 17	5 16.34	+17 25.0	2.042	2.966	8.2	20.1
11 27	5 7.14	+17 4.3	2.017	2.984	4.5	19.9
12 7	4 57.10	+16 45.5	2.020	3.002	1.9	19.7
12 17	4 47.24	+16 30.2	2.054	3.018	4.5	20.0
12 27	4 38.55	+16 20.2	2.118	3.034	8.1	20.2
1 6	4 31.77	+16 16.7	2.208	3.050	11.2	20.4
1 16	4 27.34	+16 20.2	2.320	3.064	13.9	20.7

449352 2013 GT_{40} 12 7.4 282.°73 5.°9/ 8.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.58	+36 30.2	1.885	2.718	13.6	21.2
11 17	5 19.32	+37 33.3	1.803	2.704	10.6	21.0
11 27	5 9.18	+38 24.4	1.746	2.690	7.6	20.8
12 7	4 57.19	+38 58.1	1.716	2.676	6.0	20.7
12 17	4 44.78	+39 11.2	1.714	2.662	7.1	20.7
12 27	4 33.59	+39 4.9	1.740	2.648	10.1	20.9
1 6	4 24.96	+38 44.5	1.790	2.634	13.3	21.0
1 16	4 19.70	+38 16.2	1.861	2.620	16.3	21.2

111002 2001 VN 12 7.4 343.°37 29.°9/12.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 13.72	−25 6.9	0.820	1.613	29.9	18.3
11 17	5 11.14	−28 48.4	0.798	1.597	29.9	18.2
11 27	5 5.10	−31 27.9	0.788	1.583	30.3	18.2
12 7	4 57.03	−32 50.0	0.787	1.571	31.1	18.2
12 17	4 48.80	−32 48.0	0.793	1.561	32.1	18.2
12 27	4 42.43	−31 24.4	0.807	1.554	33.2	18.3
1 6	4 39.41	−28 50.9	0.827	1.549	34.3	18.4
1 16	4 40.43	−25 22.0	0.853	1.546	35.4	18.5

48830 1997 YN_2 12 7.4 38.°96 4.°7/ 9.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.30	+38 6.0	1.985	2.815	13.1	17.6
11 17	5 16.32	+37 51.0	1.927	2.828	10.0	17.4
11 27	5 7.21	+37 19.4	1.894	2.840	6.9	17.3
12 7	4 57.11	+36 30.4	1.888	2.854	4.8	17.2
12 17	4 47.28	+35 26.0	1.910	2.867	5.6	17.2
12 27	4 38.96	+34 11.5	1.961	2.881	8.4	17.4
1 6	4 32.98	+32 53.5	2.039	2.896	11.4	17.7
1 16	4 29.77	+31 38.1	2.139	2.910	14.1	17.9

520827 2014 UU_{216} 12 7.4 95.°44 1.°7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.54	+25 34.2	2.376	3.218	10.8	20.6
11 17	5 17.68	+26 34.6	2.316	3.234	7.7	20.4
11 27	5 7.94	+27 31.4	2.284	3.249	4.3	20.2
12 7	4 57.15	+28 21.9	2.282	3.264	1.7	20.1
12 17	4 46.29	+29 4.1	2.313	3.279	3.9	20.3
12 27	4 36.43	+29 38.0	2.374	3.293	7.2	20.5
1 6	4 28.40	+30 5.1	2.464	3.308	10.1	20.7
1 16	4 22.75	+30 27.8	2.577	3.322	12.6	20.9

79261 1995 FE_{15} 12 7.4 68.°20 6.°4/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.74	+ 6 51.1	1.764	2.615	13.6	19.3
11 17	5 14.36	+ 6 3.0	1.720	2.632	10.3	19.1
11 27	5 6.16	+ 5 26.4	1.701	2.648	7.5	19.0
12 7	4 57.07	+ 5 4.9	1.709	2.665	6.4	19.0
12 17	4 48.18	+ 5 0.5	1.744	2.681	7.9	19.1
12 27	4 40.51	+ 5 13.4	1.806	2.698	10.7	19.3
1 6	4 34.85	+ 5 41.9	1.891	2.715	13.6	19.5
1 16	4 31.63	+ 6 23.0	1.997	2.732	16.1	19.8

266000 2006 DF_{131} 12 7.4 53.°82 4.°1/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.42	+33 34.1	2.014	2.855	12.5	20.4
11 17	5 16.51	+34 9.5	1.956	2.866	9.4	20.3
11 27	5 7.41	+34 33.9	1.922	2.876	6.1	20.1
12 7	4 57.12	+34 44.7	1.917	2.887	4.1	20.0
12 17	4 46.86	+34 41.2	1.940	2.899	5.4	20.1
12 27	4 37.89	+34 25.7	1.992	2.910	8.4	20.3
1 6	4 31.14	+34 2.7	2.069	2.921	11.4	20.5
1 16	4 27.16	+33 36.8	2.168	2.933	14.1	20.7

484906 2009 RF_{45} 12 7.4 113.°47 4.°5/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.52	+36 22.9	2.327	3.153	11.6	21.9
11 17	5 17.09	+36 53.6	2.266	3.164	8.9	21.8
11 27	5 7.65	+37 12.1	2.230	3.175	6.1	21.6
12 7	4 57.13	+37 16.0	2.223	3.185	4.5	21.5
12 17	4 46.66	+37 4.9	2.245	3.196	5.4	21.6
12 27	4 37.37	+36 41.3	2.296	3.206	7.9	21.8
1 6	4 30.14	+36 9.4	2.373	3.216	10.5	22.0
1 16	4 25.50	+35 34.1	2.474	3.226	12.9	22.2

86189 1999 RK_{242} 12 7.4 56.°60 3.°2/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.21	+14 31.7	1.856	2.718	12.5	19.3
11 17	5 14.03	+14 6.0	1.805	2.731	8.9	19.1
11 27	5 6.01	+13 44.4	1.778	2.743	5.3	18.9
12 7	4 57.07	+13 28.9	1.779	2.756	3.3	18.8
12 17	4 48.26	+13 21.2	1.809	2.769	5.5	18.9
12 27	4 40.61	+13 22.6	1.866	2.782	9.0	19.2
1 6	4 34.92	+13 33.1	1.949	2.795	12.3	19.4
1 16	4 31.64	+13 52.3	2.053	2.809	15.1	19.6

269242 2008 QO_{13} 12 7.4 47.°25 6.°7/ 9.5 17

11 7	5 25.68	+41 16.2	1.929	2.748	13.9	19.9
11 17	5 18.23	+41 54.8	1.883	2.769	11.1	19.8
11 27	5 8.31	+42 15.1	1.860	2.789	8.3	19.7
12 7	4 57.15	+42 13.9	1.863	2.811	6.8	19.6
12 17	4 46.21	+41 50.9	1.894	2.832	7.3	19.7
12 27	4 36.90	+41 10.2	1.951	2.854	9.5	19.9
1 6	4 30.21	+40 18.3	2.033	2.876	12.0	20.1
1 16	4 26.64	+39 22.0	2.138	2.898	14.4	20.3

33350 1998 XY_{86} 12 7.4 9.°07 4.°4/ 6.5 18

11 7	5 18.52	+16 26.8	0.986	1.882	17.9	17.7
11 17	5 13.99	+15 36.7	0.941	1.883	12.9	17.4
11 27	5 6.36	+14 50.1	0.915	1.887	7.5	17.1
12 7	4 57.09	+14 12.3	0.912	1.892	4.4	17.0
12 17	4 47.94	+13 47.8	0.931	1.898	7.9	17.2
12 27	4 40.70	+13 39.9	0.974	1.907	13.1	17.5
1 6	4 36.60	+13 48.8	1.036	1.916	17.9	17.8
1 16	4 36.15	+14 12.4	1.116	1.928	21.8	18.1

478448 2012 KQ_{43} 12 7.4 171.°78 1.°0/ 7.1 16

11 7	5 26.07	+21 28.5	1.782	2.639	13.2	22.2
11 17	5 18.32	+20 59.2	1.716	2.643	9.3	22.0
11 27	5 8.33	+20 26.3	1.676	2.646	4.9	21.7
12 7	4 57.16	+19 51.3	1.664	2.649	1.0	21.5
12 17	4 46.07	+19 16.6	1.682	2.650	4.8	21.8
12 27	4 36.32	+18 45.7	1.729	2.651	9.2	22.0
1 6	4 28.89	+18 21.5	1.802	2.652	13.0	22.3
1 16	4 24.29	+18 6.0	1.896	2.651	16.2	22.5

373024 2011 DA_{41} 12 7.4 115.°16 4.°0/ 6.2 17

11 7	5 18.05	+10 48.2	2.345	3.196	10.6	21.0
11 17	5 12.30	+10 18.5	2.280	3.197	7.9	20.9
11 27	5 5.07	+ 9 54.6	2.242	3.199	5.2	20.7
12 7	4 57.05	+ 9 38.5	2.232	3.200	4.0	20.6
12 17	4 49.03	+ 9 31.8	2.252	3.201	5.5	20.7
12 27	4 41.86	+ 9 35.5	2.300	3.203	8.3	20.9
1 6	4 36.20	+ 9 49.4	2.375	3.204	11.0	21.1
1 16	4 32.49	+10 12.5	2.471	3.205	13.4	21.3

414690 2009 WO_{154} 12 7.4 105.°65 3.°9/ 8.4 18

11 7	5 23.64	+34 40.5	2.362	3.192	11.3	21.2
11 17	5 16.42	+35 9.3	2.301	3.204	8.5	21.0
11 27	5 7.29	+35 27.4	2.266	3.216	5.7	20.9
12 7	4 57.13	+35 32.6	2.260	3.228	3.9	20.8
12 17	4 47.01	+35 24.5	2.283	3.239	5.0	20.9
12 27	4 38.02	+35 5.5	2.336	3.250	7.6	21.0
1 6	4 31.00	+34 39.2	2.416	3.261	10.3	21.2
1 16	4 26.46	+34 10.1	2.518	3.272	12.6	21.4

84634 2002 VL_{53} 12 7.4 111.°88 0.°4/ 7.3 18

11 7	5 22.65	+21 24.8	1.908	2.767	12.3	19.9
11 17	5 15.85	+21 25.7	1.846	2.774	8.7	19.7
11 27	5 7.02	+21 24.9	1.810	2.781	4.5	19.5
12 7	4 57.12	+21 22.4	1.802	2.787	0.5	19.2
12 17	4 47.26	+21 18.9	1.824	2.794	4.3	19.5
12 27	4 38.58	+21 16.0	1.875	2.800	8.3	19.8
1 6	4 31.96	+21 15.6	1.951	2.806	11.9	20.0
1 16	4 27.93	+21 19.4	2.049	2.812	14.9	20.2

420706 2012 LW_{15} 12 7.4 339.°81 1.°3/ 7.2 17

11 7	5 20.30	+17 45.8	2.106	2.965	11.4	20.5
11 17	5 14.15	+18 2.5	2.035	2.962	8.0	20.3
11 27	5 6.15	+18 21.6	1.990	2.959	4.3	20.0
12 7	4 57.09	+18 42.6	1.973	2.957	1.3	19.8
12 17	4 47.95	+19 5.5	1.987	2.955	4.2	20.0
12 27	4 39.73	+19 30.3	2.029	2.953	7.9	20.2
1 6	4 33.28	+19 57.4	2.098	2.951	11.3	20.5
1 16	4 29.15	+20 27.1	2.189	2.949	14.1	20.7

164161 2003 YW_{154} 12 7.4 56.°64 8.°7/10.5 18

11 7	5 29.98	+44 56.9	1.584	2.396	16.8	19.0
11 17	5 21.73	+45 24.8	1.535	2.412	13.6	18.8
11 27	5 10.27	+45 27.2	1.507	2.427	10.7	18.7
12 7	4 57.24	+44 59.4	1.503	2.443	8.8	18.6
12 17	4 44.60	+44 2.2	1.525	2.459	9.2	18.7
12 27	4 34.21	+42 42.3	1.573	2.475	11.4	18.9
1 6	4 27.25	+41 10.3	1.645	2.491	14.2	19.1
1 16	4 24.15	+39 36.0	1.737	2.508	16.8	19.3

315570 2008 CY_{50} 12 7.4 299.°54 7.°8/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.54	+ 3 7.3	1.797	2.640	13.7	20.3
11 17	5 13.86	+ 2 21.2	1.720	2.621	11.0	20.1
11 27	5 6.10	+ 1 48.5	1.666	2.601	8.7	19.9
12 7	4 57.10	+ 1 33.9	1.638	2.582	7.9	19.8
12 17	4 47.88	+ 1 40.5	1.637	2.563	9.3	19.8
12 27	4 39.61	+ 2 9.0	1.661	2.543	12.1	20.0
1 6	4 33.24	+ 2 57.2	1.708	2.525	15.2	20.1
1 16	4 29.39	+ 4 1.4	1.775	2.506	18.0	20.3

278124 2007 CM_{28} 12 7.4 171.°32 0.°7/ 7.2 18

11 7	5 24.92	+21 26.3	1.882	2.738	12.6	21.9
11 17	5 17.47	+21 14.3	1.815	2.742	8.9	21.7
11 27	5 7.89	+20 59.7	1.774	2.745	4.7	21.4
12 7	4 57.16	+20 43.0	1.762	2.747	0.7	21.1
12 17	4 46.45	+20 25.8	1.780	2.749	4.5	21.4
12 27	4 36.98	+20 10.2	1.826	2.750	8.7	21.7
1 6	4 29.67	+19 58.9	1.899	2.750	12.4	21.9
1 16	4 25.07	+19 53.6	1.993	2.750	15.4	22.1

226537 2003 UF_{183} 12 7.4 349.°57 0.°4/ 7.3 17

11 7	5 19.40	+22 34.6	2.032	2.893	11.6	20.2
11 17	5 13.54	+22 16.8	1.962	2.891	8.1	19.9
11 27	5 5.82	+21 55.6	1.918	2.889	4.3	19.7
12 7	4 57.09	+21 32.0	1.902	2.888	0.4	19.4
12 17	4 48.36	+21 7.6	1.916	2.886	4.1	19.7
12 27	4 40.66	+20 44.8	1.958	2.885	8.0	19.9
1 6	4 34.83	+20 26.2	2.027	2.884	11.4	20.1
1 16	4 31.38	+20 13.5	2.117	2.883	14.3	20.3

41306 1999 XT_{146} 12 7.4 148.°96 0.°2/ 7.3 18

11 7	5 20.58	+22 6.2	2.314	3.169	10.6	20.2
11 17	5 14.17	+22 4.8	2.246	3.172	7.5	20.0
11 27	5 6.09	+22 1.3	2.205	3.176	3.9	19.8
12 7	4 57.10	+21 55.7	2.194	3.179	0.3	19.5
12 17	4 48.12	+21 48.8	2.212	3.182	3.6	19.8
12 27	4 40.08	+21 42.2	2.261	3.185	7.2	20.0
1 6	4 33.73	+21 37.4	2.336	3.187	10.3	20.2
1 16	4 29.55	+21 36.1	2.434	3.190	13.0	20.4

201685 2003 UN_{107} 12 7.4 65.°31 8.°0/ 5.1 18

11 7	5 18.59	+ 0 1.7	2.101	2.929	12.6	19.9
11 17	5 12.63	− 1 3.1	2.064	2.948	10.3	19.8
11 27	5 5.19	− 1 52.7	2.052	2.968	8.5	19.7
12 7	4 57.07	− 2 23.2	2.065	2.987	8.0	19.7
12 17	4 49.11	− 2 32.6	2.106	3.007	9.0	19.8
12 27	4 42.17	− 2 21.0	2.173	3.027	10.9	20.0
1 6	4 36.89	− 1 50.9	2.262	3.047	13.0	20.2
1 16	4 33.66	− 1 6.0	2.372	3.066	14.9	20.3

284623 2007 VF_{52} 12 7.4 102.°41 2.°0/ 7.9 18

11 7	5 26.22	+28 38.2	1.998	2.844	12.4	21.2
11 17	5 18.21	+28 48.7	1.949	2.867	8.9	21.0
11 27	5 8.19	+28 51.1	1.925	2.890	5.0	20.8
12 7	4 57.19	+28 44.1	1.931	2.912	2.1	20.7
12 17	4 46.41	+28 28.6	1.966	2.934	4.3	20.9
12 27	4 37.02	+28 7.3	2.031	2.955	7.9	21.2
1 6	4 29.86	+27 44.0	2.123	2.975	11.2	21.4
1 16	4 25.39	+27 22.2	2.237	2.995	13.9	21.6

21094 1992 EP_{7} 12 7.4 137.°09 5.°5/ 6.2 18

11 7	5 21.69	+ 5 38.7	2.276	3.111	11.5	19.2
11 17	5 14.78	+ 5 12.3	2.222	3.124	8.8	19.0
11 27	5 6.33	+ 4 55.9	2.195	3.136	6.4	18.9
12 7	4 57.12	+ 4 51.8	2.196	3.148	5.5	18.8
12 17	4 48.01	+ 5 1.1	2.226	3.160	6.7	18.9
12 27	4 39.85	+ 5 23.7	2.285	3.171	9.1	19.1
1 6	4 33.34	+ 5 58.3	2.370	3.181	11.6	19.3
1 16	4 28.90	+ 6 42.5	2.477	3.191	13.8	19.5

270904 2002 TT_{305} 12 7.4 35.°20 1.°5/ 7.1 18

11 7	5 19.40	+18 3.3	2.032	2.894	11.6	20.4
11 17	5 13.46	+18 3.0	1.973	2.902	8.1	20.2
11 27	5 5.75	+18 4.1	1.940	2.910	4.4	19.9
12 7	4 57.10	+18 7.1	1.935	2.918	1.5	19.8
12 17	4 48.49	+18 12.6	1.959	2.926	4.3	20.0
12 27	4 40.91	+18 21.5	2.012	2.935	8.0	20.2
1 6	4 35.15	+18 34.6	2.090	2.944	11.3	20.4
1 16	4 31.68	+18 52.2	2.191	2.954	14.0	20.7

260769 2005 MP_{50} 12 7.4 194.°53 8.°3/ 6.2 18

11 7	5 20.75	− 1 15.6	1.988	2.810	13.5	20.8
11 17	5 14.39	− 1 41.5	1.928	2.810	11.0	20.7
11 27	5 6.24	− 1 50.2	1.892	2.809	9.0	20.5
12 7	4 57.13	− 1 38.3	1.881	2.809	8.3	20.5
12 17	4 48.00	− 1 4.7	1.898	2.808	9.3	20.6
12 27	4 39.87	− 0 10.7	1.941	2.808	11.4	20.7
1 6	4 33.53	+ 1 0.3	2.009	2.807	13.9	20.8
1 16	4 29.48	+ 2 23.7	2.097	2.807	16.1	21.0

499166 2009 SL_{69} 12 7.4 328.°86 19.°2/ 4.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 40.17	+48 51.4	0.967	1.792	24.1	20.7
11 17	5 33.38	+52 44.5	0.916	1.782	21.5	20.5
11 27	5 18.89	+56 11.9	0.883	1.772	19.7	20.4
12 7	4 57.66	+58 46.9	0.870	1.763	19.3	20.3
12 17	4 33.51	+60 9.8	0.875	1.755	20.5	20.3
12 27	4 12.42	+60 20.9	0.898	1.748	22.8	20.5
1 6	3 59.05	+59 39.3	0.936	1.742	25.5	20.6
1 16	3 55.03	+58 28.2	0.985	1.737	28.1	20.8

79696 1998 SZ_{66} 12 7.4 87.°46 1.°1/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.78	+24 17.1	1.485	2.347	15.0	19.2
11 17	5 19.81	+24 43.1	1.437	2.365	10.6	19.0
11 27	5 9.20	+25 4.5	1.414	2.384	5.7	18.8
12 7	4 57.24	+25 19.1	1.417	2.402	1.1	18.5
12 17	4 45.48	+25 26.5	1.449	2.420	5.0	18.8
12 27	4 35.45	+25 29.0	1.509	2.437	9.7	19.2
1 6	4 28.21	+25 29.8	1.593	2.455	13.8	19.4
1 16	4 24.30	+25 32.0	1.697	2.472	17.0	19.7

225203 2008 KM_{36} 12 7.4 91.°51 5.°8/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.87	+ 7 4.9	2.220	3.063	11.5	20.9
11 17	5 13.47	+ 5 48.6	2.176	3.081	8.8	20.7
11 27	5 5.62	+ 4 40.9	2.158	3.099	6.5	20.6
12 7	4 57.11	+ 3 45.9	2.169	3.117	5.9	20.6
12 17	4 48.77	+ 3 6.6	2.208	3.135	7.2	20.7
12 27	4 41.44	+ 2 44.4	2.276	3.152	9.6	20.9
1 6	4 35.74	+ 2 38.9	2.369	3.170	11.9	21.1
1 16	4 32.06	+ 2 48.1	2.482	3.187	14.0	21.3

234897 2002 TH_{171} 12 7.4 359.°36 9.°2/10.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.22	+48 22.7	1.989	2.776	14.7	19.6
11 17	5 19.09	+49 10.6	1.923	2.775	12.5	19.5
11 27	5 9.00	+49 36.3	1.879	2.774	10.5	19.3
12 7	4 57.23	+49 34.7	1.859	2.773	9.3	19.3
12 17	4 45.43	+49 4.3	1.865	2.773	9.5	19.3
12 27	4 35.33	+48 8.6	1.896	2.774	11.1	19.4
1 6	4 28.16	+46 55.3	1.950	2.775	13.2	19.5
1 16	4 24.54	+45 33.0	2.026	2.777	15.4	19.7

24288 1999 XR_{189} 12 7.4 59.°43 3.°7/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.67	+29 9.9	1.205	2.072	17.5	18.0
11 17	5 21.54	+29 53.7	1.169	2.096	12.6	17.8
11 27	5 10.19	+30 25.7	1.155	2.121	7.4	17.6
12 7	4 57.28	+30 41.9	1.167	2.146	3.7	17.4
12 17	4 44.78	+30 41.8	1.204	2.172	6.4	17.7
12 27	4 34.57	+30 29.5	1.267	2.197	11.0	18.0
1 6	4 27.82	+30 11.5	1.353	2.223	15.2	18.3
1 16	4 24.98	+29 53.5	1.459	2.248	18.7	18.6

206084 2002 RT_{81} 12 7.4 130.°37 4.°6/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.94	+37 11.9	2.382	3.199	11.7	20.7
11 17	5 19.41	+37 40.6	2.325	3.217	8.9	20.6
11 27	5 8.85	+37 56.1	2.293	3.234	6.2	20.4
12 7	4 57.23	+37 56.0	2.290	3.251	4.6	20.4
12 17	4 45.74	+37 40.1	2.317	3.266	5.4	20.4
12 27	4 35.54	+37 11.1	2.374	3.281	7.8	20.6
1 6	4 27.50	+36 33.8	2.458	3.295	10.4	20.8
1 16	4 22.12	+35 53.3	2.566	3.309	12.7	21.0

296944 2010 DX_{62} 12 7.4 146.°83 0.°0/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.05	+22 0.6	2.162	3.014	11.4	21.0
11 17	5 16.68	+22 14.0	2.099	3.023	8.0	20.8
11 27	5 7.44	+22 25.5	2.062	3.031	4.2	20.6
12 7	4 57.19	+22 34.5	2.054	3.039	0.2	20.2
12 17	4 46.95	+22 40.9	2.077	3.047	3.9	20.6
12 27	4 37.79	+22 46.0	2.130	3.054	7.6	20.8
1 6	4 30.53	+22 51.4	2.210	3.060	10.9	21.0
1 16	4 25.68	+22 58.8	2.313	3.066	13.7	21.2

311104 2004 HR_{23} 12 7.4 335.°04 8.°0/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.15	+38 23.6	1.537	2.376	15.8	19.8
11 17	5 19.59	+39 50.6	1.465	2.365	12.6	19.5
11 27	5 9.57	+41 3.0	1.416	2.355	9.6	19.3
12 7	4 57.28	+41 52.8	1.393	2.345	8.0	19.2
12 17	4 44.47	+42 15.3	1.395	2.336	9.1	19.3
12 27	4 33.22	+42 11.6	1.422	2.328	12.1	19.4
1 6	4 25.14	+41 48.6	1.472	2.320	15.4	19.6
1 16	4 21.13	+41 14.5	1.540	2.313	18.5	19.8

381035 2006 VU_{59} 12 7.4 98.°77 0.°3/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.50	+22 1.2	1.428	2.295	15.2	20.5
11 17	5 19.21	+22 31.4	1.367	2.298	10.8	20.3
11 27	5 9.06	+23 0.6	1.330	2.301	5.7	20.0
12 7	4 57.25	+23 26.3	1.319	2.304	0.4	19.6
12 17	4 45.37	+23 47.5	1.336	2.307	5.2	20.0
12 27	4 35.06	+24 5.0	1.380	2.309	10.3	20.3
1 6	4 27.56	+24 21.2	1.447	2.312	14.7	20.5
1 16	4 23.52	+24 38.5	1.535	2.315	18.3	20.8

442312 2011 SL_{96} 12 7.4 45.°61 7.°5/ 9.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.92	+41 41.6	1.497	2.327	16.7	20.0
11 17	5 20.22	+41 57.9	1.451	2.344	13.2	19.8
11 27	5 9.46	+41 50.5	1.426	2.362	9.8	19.7
12 7	4 57.26	+41 16.1	1.425	2.380	7.6	19.6
12 17	4 45.48	+40 16.2	1.451	2.398	8.2	19.7
12 27	4 35.88	+38 57.9	1.503	2.417	10.9	19.9
1 6	4 29.56	+37 31.2	1.579	2.437	14.1	20.1
1 16	4 26.93	+36 5.1	1.675	2.457	17.0	20.4

212564 2006 SJ_{81} 12 7.4 193.°65 1.°2/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.89	+19 49.6	2.182	3.037	11.2	21.5
11 17	5 15.18	+19 34.1	2.110	3.036	7.9	21.3
11 27	5 6.67	+19 17.6	2.064	3.034	4.2	21.1
12 7	4 57.17	+19 0.9	2.048	3.031	1.2	20.8
12 17	4 47.65	+18 45.3	2.061	3.029	4.1	21.1
12 27	4 39.11	+18 32.9	2.105	3.026	7.8	21.3
1 6	4 32.36	+18 25.2	2.174	3.022	11.2	21.5
1 16	4 27.90	+18 23.5	2.267	3.018	13.9	21.7

188744 2005 UO_{148} 12 7.4 217.°15 3.°1/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.09	+15 33.7	2.241	3.097	10.9	20.7
11 17	5 13.82	+14 37.6	2.169	3.093	7.8	20.5
11 27	5 5.92	+13 42.3	2.124	3.088	4.7	20.3
12 7	4 57.14	+12 50.8	2.108	3.083	3.1	20.2
12 17	4 48.38	+12 6.2	2.122	3.079	5.2	20.3
12 27	4 40.54	+11 31.3	2.166	3.074	8.4	20.5
1 6	4 34.36	+11 7.6	2.235	3.068	11.5	20.7
1 16	4 30.30	+10 55.5	2.327	3.063	14.0	20.9

474935 2005 SW_{271} 12 7.4 345.°62 4.°8/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.92	+32 42.7	1.372	2.232	16.2	21.1
11 17	5 19.16	+33 14.6	1.308	2.229	12.1	20.9
11 27	5 9.17	+33 32.8	1.266	2.226	7.8	20.6
12 7	4 57.27	+33 33.0	1.249	2.224	4.8	20.4
12 17	4 45.27	+33 14.4	1.258	2.222	6.8	20.5
12 27	4 35.06	+32 41.1	1.293	2.221	11.0	20.8
1 6	4 28.02	+32 0.4	1.351	2.220	15.3	21.0
1 16	4 24.82	+31 19.2	1.428	2.219	18.9	21.3

490990 2011 FU_{103} 12 7.4 261.°28 6.°8/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.16	+43 49.9	2.473	3.268	12.0	21.5
11 17	5 18.65	+44 43.5	2.391	3.256	9.8	21.3
11 27	5 8.71	+45 22.2	2.334	3.244	7.9	21.2
12 7	4 57.26	+45 41.3	2.303	3.232	6.9	21.1
12 17	4 45.53	+45 39.0	2.301	3.220	7.4	21.1
12 27	4 34.90	+45 16.8	2.326	3.208	9.1	21.2
1 6	4 26.47	+44 39.4	2.376	3.196	11.3	21.3
1 16	4 20.94	+43 53.0	2.449	3.183	13.5	21.4

427779 2005 BF_{17} 12 7.4 312.°68 5.°2/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.71	+11 42.2	1.241	2.113	16.7	20.8
11 17	5 17.46	+11 25.5	1.176	2.106	12.3	20.5
11 27	5 8.24	+11 18.9	1.134	2.098	7.8	20.2
12 7	4 57.25	+11 25.3	1.116	2.091	5.2	20.1
12 17	4 46.06	+11 46.3	1.124	2.084	8.0	20.2
12 27	4 36.41	+12 21.9	1.156	2.078	12.7	20.5
1 6	4 29.60	+13 10.4	1.210	2.072	17.2	20.7
1 16	4 26.35	+14 9.1	1.283	2.066	21.1	21.0

89879 2002 CH_{211} 12 7.4 83.°40 0.°1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.74	+22 57.6	2.014	2.872	11.8	20.0
11 17	5 15.16	+23 0.2	1.954	2.881	8.3	19.8
11 27	5 6.67	+22 59.8	1.920	2.890	4.3	19.6
12 7	4 57.19	+22 56.4	1.914	2.899	0.2	19.3
12 17	4 47.76	+22 50.6	1.938	2.908	4.0	19.6
12 27	4 39.47	+22 44.1	1.991	2.917	7.9	19.9
1 6	4 33.13	+22 39.0	2.070	2.926	11.3	20.1
1 16	4 29.25	+22 37.3	2.171	2.935	14.1	20.3

458651 2011 GC_{58} 12 7.4 326.°12 7.°4/ 7.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.06	+37 28.3	1.799	2.631	14.2	20.3
11 17	5 20.13	+39 17.1	1.714	2.610	11.3	20.1
11 27	5 9.91	+40 56.3	1.654	2.590	8.7	19.9
12 7	4 57.34	+42 17.4	1.621	2.570	7.4	19.7
12 17	4 43.92	+43 14.4	1.615	2.551	8.6	19.8
12 27	4 31.54	+43 45.8	1.637	2.532	11.5	19.9
1 6	4 21.86	+43 56.0	1.682	2.514	14.6	20.1
1 16	4 15.96	+43 52.0	1.746	2.497	17.5	20.2

239422 2007 TF_{124} 12 7.4 87.°82 2.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.12	+17 18.7	1.744	2.606	13.2	20.8
11 17	5 16.16	+16 55.2	1.694	2.622	9.3	20.6
11 27	5 7.18	+16 33.4	1.670	2.638	5.1	20.3
12 7	4 57.22	+16 14.8	1.673	2.654	2.4	20.2
12 17	4 47.43	+16 1.3	1.705	2.670	5.2	20.4
12 27	4 38.99	+15 54.6	1.765	2.685	9.1	20.7
1 6	4 32.73	+15 56.0	1.850	2.700	12.7	20.9
1 16	4 29.11	+16 5.4	1.956	2.715	15.6	21.2

138461 2000 JA_{35} 12 7.4 140.°84 2.°4/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.36	+18 0.8	1.991	2.851	11.9	20.3
11 17	5 14.83	+17 12.7	1.928	2.855	8.4	20.1
11 27	5 6.48	+16 24.2	1.890	2.858	4.7	19.9
12 7	4 57.19	+15 37.9	1.882	2.862	2.4	19.7
12 17	4 47.99	+14 56.7	1.903	2.865	5.0	19.9
12 27	4 39.90	+14 23.7	1.952	2.869	8.7	20.1
1 6	4 33.71	+14 0.8	2.028	2.872	12.0	20.4
1 16	4 29.90	+13 48.7	2.125	2.874	14.8	20.6

96495 1998 KH_{28} 12 7.4 244.°94 1.°4/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.22	+26 24.7	1.835	2.691	12.9	19.4
11 17	5 17.29	+26 32.6	1.758	2.683	9.2	19.2
11 27	5 7.97	+26 34.4	1.706	2.674	5.1	18.9
12 7	4 57.25	+26 28.7	1.681	2.665	1.4	18.6
12 17	4 46.39	+26 15.8	1.685	2.655	4.5	18.8
12 27	4 36.71	+25 58.2	1.719	2.646	8.8	19.1
1 6	4 29.29	+25 39.5	1.777	2.636	12.7	19.3
1 16	4 24.78	+25 23.3	1.857	2.626	16.0	19.5

446443 2014 JZ_{45} 12 7.4 184.°95 0.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.14	+22 53.8	2.087	2.941	11.6	22.2
11 17	5 16.14	+22 41.3	2.016	2.941	8.2	21.9
11 27	5 7.21	+22 25.2	1.971	2.941	4.3	21.7
12 7	4 57.23	+22 5.9	1.955	2.940	0.2	21.4
12 17	4 47.24	+21 44.7	1.970	2.939	4.0	21.7
12 27	4 38.34	+21 24.0	2.014	2.938	7.9	21.9
1 6	4 31.37	+21 6.3	2.084	2.935	11.4	22.1
1 16	4 26.87	+20 53.9	2.177	2.933	14.3	22.3

172817 2004 HS_{54} 12 7.4 263.°40 0.°8/ 7.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.53	+21 24.9	2.002	2.862	11.8	20.7
11 17	5 15.17	+21 7.7	1.921	2.849	8.4	20.5
11 27	5 6.78	+20 48.0	1.866	2.837	4.4	20.2
12 7	4 57.22	+20 26.4	1.840	2.824	0.8	19.9
12 17	4 47.53	+20 4.5	1.842	2.811	4.3	20.2
12 27	4 38.84	+19 44.8	1.874	2.798	8.4	20.4
1 6	4 32.08	+19 29.7	1.932	2.785	12.1	20.6
1 16	4 27.83	+19 21.0	2.011	2.772	15.2	20.8

44615 1999 RQ_{34} 12 7.4 357.°63 4.°8/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.30	+14 26.7	1.126	2.010	17.1	18.3
11 17	5 15.84	+13 47.5	1.070	2.007	12.4	18.0
11 27	5 7.38	+13 14.2	1.036	2.004	7.5	17.7
12 7	4 57.24	+12 51.0	1.025	2.003	4.8	17.6
12 17	4 47.08	+12 41.3	1.039	2.003	7.9	17.8
12 27	4 38.63	+12 47.3	1.077	2.004	12.9	18.0
1 6	4 33.15	+13 8.7	1.136	2.005	17.5	18.3
1 16	4 31.27	+13 43.4	1.212	2.007	21.4	18.6

522276 2016 BX_{20} 12 7.4 24.°96 8.°3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.35	− 0 11.0	1.744	2.579	14.5	20.2
11 17	5 13.51	− 0 26.7	1.697	2.589	11.7	20.0
11 27	5 5.82	− 0 23.6	1.673	2.600	9.3	19.9
12 7	4 57.18	+ 0 1.1	1.674	2.611	8.3	19.9
12 17	4 48.63	+ 0 47.7	1.701	2.623	9.4	20.0
12 27	4 41.24	+ 1 53.9	1.755	2.636	11.6	20.1
1 6	4 35.81	+ 3 15.3	1.832	2.649	14.2	20.3
1 16	4 32.80	+ 4 46.8	1.929	2.663	16.6	20.5

470941 2009 HO_{92} 12 7.4 185.°35 0.°5/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.86	+23 21.4	1.664	2.521	14.0	22.3
11 17	5 19.92	+23 35.4	1.596	2.522	9.9	22.1
11 27	5 9.37	+23 45.9	1.552	2.522	5.3	21.8
12 7	4 57.32	+23 51.5	1.536	2.521	0.5	21.4
12 17	4 45.19	+23 52.1	1.549	2.519	4.8	21.8
12 27	4 34.46	+23 49.7	1.591	2.517	9.5	22.0
1 6	4 26.26	+23 47.2	1.658	2.514	13.6	22.3
1 16	4 21.25	+23 47.7	1.746	2.510	17.0	22.5

381137 2007 EO_{128} 12 7.4 7.°61 1.°9/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.24	+26 24.8	0.975	1.867	18.4	19.6
11 17	5 15.56	+26 31.8	0.926	1.867	13.2	19.4
11 27	5 7.38	+26 29.7	0.897	1.870	7.2	19.1
12 7	4 57.25	+26 17.2	0.890	1.874	2.0	18.7
12 17	4 47.17	+25 55.7	0.906	1.880	6.3	19.0
12 27	4 39.22	+25 30.2	0.945	1.887	12.1	19.4
1 6	4 34.77	+25 6.5	1.005	1.896	17.3	19.7
1 16	4 34.38	+24 48.7	1.081	1.907	21.5	20.0

457793 2009 QR_{28} 12 7.4 70.°46 22.°2/ 6.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.64	−20 17.0	1.064	1.839	25.5	21.1
11 17	5 18.62	−22 17.0	1.047	1.852	23.8	21.1
11 27	5 8.66	−23 25.1	1.044	1.865	22.6	21.0
12 7	4 57.31	−23 32.0	1.056	1.878	22.2	21.1
12 17	4 46.37	−22 36.3	1.083	1.891	22.6	21.1
12 27	4 37.53	−20 45.0	1.127	1.905	23.7	21.3
1 6	4 31.86	−18 11.7	1.184	1.918	25.1	21.4
1 16	4 29.82	−15 11.1	1.255	1.931	26.5	21.6

224697 2006 BT_{32} 12 7.4 345.°93 1.°5/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.69	+26 37.5	1.847	2.708	12.6	20.3
11 17	5 14.75	+26 45.1	1.776	2.703	9.0	20.1
11 27	5 6.62	+26 46.7	1.730	2.699	5.0	19.9
12 7	4 57.25	+26 41.2	1.712	2.696	1.5	19.6
12 17	4 47.80	+26 29.2	1.722	2.692	4.4	19.8
12 27	4 39.52	+26 13.0	1.760	2.690	8.5	20.1
1 6	4 33.37	+25 55.9	1.823	2.687	12.2	20.3
1 16	4 29.94	+25 41.0	1.908	2.685	15.3	20.5

167723 2004 VE_{19} 12 7.4 43.°99 0.°5/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.06	+21 53.1	0.972	1.859	18.9	19.5
11 17	5 19.27	+21 50.8	0.937	1.877	13.2	19.3
11 27	5 9.12	+21 45.7	0.922	1.896	6.9	19.0
12 7	4 57.34	+21 37.8	0.930	1.915	0.6	18.7
12 17	4 46.00	+21 28.8	0.963	1.935	6.3	19.1
12 27	4 37.03	+21 22.2	1.019	1.956	12.1	19.5
1 6	4 31.63	+21 21.1	1.096	1.977	17.0	19.9
1 16	4 30.21	+21 27.1	1.191	1.999	20.9	20.2

418454 2008 RL_9 12 7.4 182.°46 2.°6/ 6.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.56	+15 0.1	2.599	3.451	9.7	22.0
11 17	5 12.61	+14 26.1	2.530	3.451	7.0	21.8
11 27	5 5.27	+13 53.9	2.488	3.451	4.1	21.6
12 7	4 57.20	+13 25.6	2.475	3.451	2.6	21.5
12 17	4 49.15	+13 2.9	2.493	3.451	4.4	21.7
12 27	4 41.88	+12 47.3	2.541	3.450	7.3	21.8
1 6	4 36.01	+12 39.8	2.615	3.449	10.0	22.0
1 16	4 31.98	+12 40.6	2.713	3.448	12.3	22.2

285864 2001 HN_{60} 12 7.4 232.°15 2.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.11	+14 8.0	2.291	3.139	11.0	22.2
11 17	5 16.10	+14 11.0	2.206	3.125	7.9	22.0
11 27	5 7.25	+14 18.3	2.147	3.111	4.7	21.7
12 7	4 57.30	+14 30.5	2.118	3.096	2.6	21.6
12 17	4 47.15	+14 47.9	2.119	3.080	4.7	21.7
12 27	4 37.81	+15 10.8	2.151	3.064	8.1	21.9
1 6	4 30.12	+15 39.3	2.210	3.047	11.4	22.0
1 16	4 24.65	+16 13.0	2.292	3.030	14.2	22.2

414282 2008 MN_3 12 7.4 80.°79 9.°4/10.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 34.55	+51 52.6	2.411	3.159	13.5	20.3
11 17	5 24.88	+53 19.4	2.367	3.181	11.7	20.2
11 27	5 12.10	+54 24.2	2.346	3.204	10.2	20.1
12 7	4 57.48	+55 1.2	2.351	3.226	9.4	20.1
12 17	4 42.76	+55 8.2	2.381	3.248	9.6	20.2
12 27	4 29.73	+54 48.0	2.438	3.270	10.6	20.3
1 6	4 19.73	+54 7.5	2.517	3.291	12.1	20.4
1 16	4 13.43	+53 14.6	2.618	3.313	13.6	20.6

27161 1999 AR_4 12 7.4 356.°05 4.°4/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.78	+12 2.9	1.308	2.185	15.7	17.4
11 17	5 14.56	+12 8.2	1.248	2.179	11.5	17.2
11 27	5 6.69	+12 24.2	1.209	2.175	7.1	16.9
12 7	4 57.27	+12 52.3	1.195	2.172	4.4	16.8
12 17	4 47.73	+13 32.4	1.207	2.171	7.0	16.9
12 27	4 39.58	+14 23.2	1.244	2.170	11.5	17.2
1 6	4 34.01	+15 22.6	1.303	2.171	15.8	17.4
1 16	4 31.68	+16 27.9	1.382	2.173	19.4	17.7

157710 2006 AR_{68} 12 7.4 359.°64 0.°4/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 16.54	+21 51.2	2.267	3.130	10.5	20.2
11 17	5 11.45	+21 42.6	2.199	3.128	7.4	20.0
11 27	5 4.76	+21 32.0	2.156	3.127	3.9	19.8
12 7	4 57.19	+21 20.1	2.142	3.126	0.4	19.5
12 17	4 49.61	+21 7.9	2.157	3.127	3.7	19.8
12 27	4 42.91	+20 57.1	2.200	3.127	7.2	20.0
1 6	4 37.80	+20 49.4	2.270	3.129	10.3	20.2
1 16	4 34.77	+20 46.0	2.363	3.131	13.0	20.4

372878 2010 XY_2 12 7.4 296.°51 5.°4/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.02	+ 8 4.1	2.161	3.011	11.5	20.9
11 17	5 12.51	+ 7 17.1	2.088	3.000	8.8	20.7
11 27	5 5.34	+ 6 37.4	2.041	2.990	6.3	20.5
12 7	4 57.25	+ 6 8.6	2.021	2.979	5.4	20.4
12 17	4 49.07	+ 5 53.2	2.030	2.969	6.9	20.5
12 27	4 41.74	+ 5 52.5	2.066	2.958	9.6	20.7
1 6	4 36.00	+ 6 6.3	2.127	2.948	12.4	20.8
1 16	4 32.36	+ 6 32.9	2.209	2.938	14.9	21.0

458114 2010 CC_{128} 12 7.4 350.°28 8.°4/ 9.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.58	+40 52.5	1.461	2.304	16.3	19.6
11 17	5 15.67	+41 44.4	1.391	2.290	13.2	19.4
11 27	5 7.51	+42 16.5	1.342	2.279	10.2	19.2
12 7	4 57.35	+42 22.7	1.317	2.268	8.5	19.1
12 17	4 46.93	+42 0.8	1.315	2.260	9.2	19.1
12 27	4 38.21	+41 14.5	1.338	2.253	12.0	19.2
1 6	4 32.61	+40 11.8	1.384	2.247	15.3	19.4
1 16	4 30.88	+39 1.8	1.448	2.244	18.5	19.6

248173 2004 XX_{68} 12 7.4 347.°10 2.°9/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.89	+13 55.3	1.701	2.566	13.3	19.5
11 17	5 14.26	+14 10.6	1.631	2.559	9.6	19.2
11 27	5 6.43	+14 33.0	1.585	2.552	5.6	19.0
12 7	4 57.31	+15 2.7	1.566	2.546	2.9	18.8
12 17	4 48.03	+15 39.3	1.575	2.541	5.5	19.0
12 27	4 39.83	+16 22.3	1.612	2.536	9.5	19.2
1 6	4 33.71	+17 10.5	1.673	2.532	13.4	19.4
1 16	4 30.29	+18 2.8	1.756	2.529	16.6	19.6

55838 Hagongda 12 7.4 161.°10 3.°0/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.69	+15 10.8	2.029	2.882	12.0	19.8
11 17	5 16.46	+14 36.0	1.966	2.888	8.6	19.6
11 27	5 7.38	+14 3.7	1.930	2.894	5.1	19.4
12 7	4 57.35	+13 35.9	1.922	2.900	3.1	19.2
12 17	4 47.39	+13 14.9	1.945	2.904	5.3	19.4
12 27	4 38.54	+13 2.6	1.997	2.908	8.8	19.6
1 6	4 31.60	+12 59.9	2.075	2.912	12.1	19.8
1 16	4 27.07	+13 6.7	2.175	2.914	14.8	20.0

89134 2001 UW_{15} 12 7.4 93.°77 0.°1/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.95	+24 23.1	1.926	2.785	12.3	20.0
11 17	5 15.43	+24 0.9	1.860	2.787	8.6	19.8
11 27	5 6.91	+23 33.5	1.819	2.789	4.5	19.5
12 7	4 57.33	+23 1.5	1.806	2.791	0.2	19.2
12 17	4 47.80	+22 27.0	1.823	2.793	4.2	19.5
12 27	4 39.45	+21 53.1	1.869	2.796	8.2	19.8
1 6	4 33.16	+21 23.2	1.940	2.798	11.8	20.0
1 16	4 29.44	+20 59.8	2.033	2.800	14.9	20.2

485185 2010 TD_{28} 12 7.4 155.°00 1.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.64	+26 16.1	2.093	2.945	11.7	22.0
11 17	5 15.84	+26 10.0	2.025	2.949	8.3	21.8
11 27	5 7.11	+25 57.9	1.983	2.952	4.5	21.5
12 7	4 57.34	+25 39.5	1.970	2.954	1.0	21.3
12 17	4 47.60	+25 15.9	1.987	2.957	3.9	21.5
12 27	4 38.99	+24 49.9	2.033	2.959	7.7	21.7
1 6	4 32.34	+24 24.5	2.106	2.961	11.1	22.0
1 16	4 28.17	+24 2.7	2.201	2.963	14.0	22.2

392378 2010 HV_{104} 12 7.4 236.°00 6.°1/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.07	+ 6 1.6	1.958	2.800	12.8	21.2
11 17	5 15.51	+ 5 35.5	1.885	2.791	9.9	20.9
11 27	5 6.99	+ 5 20.3	1.836	2.781	7.2	20.8
12 7	4 57.34	+ 5 19.1	1.815	2.771	6.1	20.7
12 17	4 47.57	+ 5 33.6	1.822	2.761	7.6	20.8
12 27	4 38.76	+ 6 3.8	1.857	2.750	10.5	20.9
1 6	4 31.79	+ 6 48.1	1.917	2.739	13.5	21.1
1 16	4 27.23	+ 7 43.8	1.998	2.727	16.3	21.3

262074 2006 RR_{54} 12 7.4 41.°54 1.°2/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.01	+25 46.7	1.829	2.687	12.8	21.0
11 17	5 16.37	+25 57.4	1.762	2.688	9.1	20.8
11 27	5 7.49	+26 2.6	1.721	2.690	5.0	20.5
12 7	4 57.36	+26 1.4	1.707	2.691	1.3	20.3
12 17	4 47.20	+25 54.0	1.722	2.692	4.4	20.5
12 27	4 38.28	+25 42.7	1.765	2.693	8.5	20.8
1 6	4 31.56	+25 30.5	1.834	2.695	12.3	21.0
1 16	4 27.64	+25 20.5	1.925	2.696	15.4	21.2

286900 2002 PQ_{61} 12 7.4 26.°73 7.°4/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.80	+ 8 40.2	1.403	2.271	15.4	19.6
11 17	5 14.17	+ 7 15.4	1.358	2.280	11.7	19.4
11 27	5 6.30	+ 6 1.4	1.337	2.289	8.5	19.2
12 7	4 57.31	+ 5 4.7	1.340	2.299	7.4	19.2
12 17	4 48.50	+ 4 30.0	1.369	2.309	9.4	19.3
12 27	4 41.14	+ 4 19.1	1.422	2.320	12.7	19.5
1 6	4 36.13	+ 4 30.5	1.498	2.332	16.0	19.8
1 16	4 33.95	+ 5 0.4	1.591	2.345	18.8	20.0

368367 2002 QX_{151} 12 7.4 125.°97 3.°8/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.45	+11 18.6	2.411	3.261	10.4	21.4
11 17	5 12.60	+10 43.5	2.349	3.266	7.7	21.3
11 27	5 5.31	+10 13.4	2.314	3.271	5.0	21.1
12 7	4 57.28	+ 9 50.6	2.308	3.276	3.8	21.0
12 17	4 49.30	+ 9 36.9	2.331	3.280	5.4	21.2
12 27	4 42.15	+ 9 33.3	2.383	3.285	8.0	21.3
1 6	4 36.48	+ 9 40.0	2.461	3.289	10.7	21.5
1 16	4 32.72	+ 9 56.1	2.562	3.294	13.0	21.7

185412 2006 WN_{161} 12 7.4 190.°91 0.°6/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.72	+23 46.2	1.975	2.832	12.1	20.6
11 17	5 16.05	+23 59.0	1.905	2.832	8.5	20.3
11 27	5 7.29	+24 8.6	1.862	2.831	4.5	20.1
12 7	4 57.37	+24 14.0	1.846	2.831	0.6	19.8
12 17	4 47.38	+24 15.5	1.860	2.830	4.1	20.1
12 27	4 38.49	+24 14.5	1.903	2.830	8.1	20.3
1 6	4 31.62	+24 13.3	1.972	2.829	11.7	20.5
1 16	4 27.35	+24 14.0	2.063	2.829	14.7	20.8

64499 2001 VG_{65} 12 7.4 318.°64 3.°3/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.99	+29 24.6	1.683	2.541	13.8	19.2
11 17	5 16.85	+30 5.1	1.602	2.525	10.1	19.0
11 27	5 7.99	+30 38.4	1.546	2.510	6.1	18.7
12 7	4 57.41	+31 1.2	1.516	2.495	3.3	18.5
12 17	4 46.48	+31 11.5	1.514	2.480	5.5	18.6
12 27	4 36.76	+31 10.7	1.540	2.466	9.7	18.8
1 6	4 29.49	+31 2.6	1.589	2.453	13.7	19.0
1 16	4 25.46	+30 51.7	1.659	2.440	17.1	19.2

156943 2003 GC_4 12 7.4 170.°39 1.°3/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.27	+19 52.8	1.990	2.845	12.1	20.8
11 17	5 16.98	+19 36.0	1.923	2.849	8.5	20.6
11 27	5 7.72	+19 17.9	1.882	2.852	4.5	20.3
12 7	4 57.40	+18 59.6	1.871	2.855	1.3	20.1
12 17	4 47.10	+18 42.4	1.889	2.857	4.4	20.4
12 27	4 37.94	+18 28.7	1.937	2.858	8.4	20.6
1 6	4 30.79	+18 20.2	2.011	2.859	11.9	20.8
1 16	4 26.18	+18 18.3	2.107	2.859	14.8	21.0

104232 2000 ET_{129} 12 7.4 137.°27 0.°1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.10	+23 0.6	1.961	2.818	12.2	19.2
11 17	5 16.25	+23 3.6	1.896	2.823	8.6	19.0
11 27	5 7.37	+23 3.5	1.857	2.827	4.5	18.8
12 7	4 57.38	+23 0.1	1.847	2.832	0.2	18.5
12 17	4 47.41	+22 53.9	1.866	2.836	4.1	18.8
12 27	4 38.60	+22 46.8	1.914	2.840	8.1	19.0
1 6	4 31.82	+22 41.1	1.988	2.844	11.7	19.3
1 16	4 27.62	+22 38.8	2.085	2.848	14.6	19.5

77990 2002 JV_{33} 12 7.4 86.°52 0.°2/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.97	+21 45.0	1.798	2.654	13.1	19.3
11 17	5 18.15	+21 53.8	1.754	2.680	9.1	19.1
11 27	5 8.27	+22 0.4	1.736	2.706	4.8	18.9
12 7	4 57.42	+22 4.3	1.746	2.731	0.3	18.6
12 17	4 46.82	+22 6.0	1.786	2.756	4.3	18.9
12 27	4 37.66	+22 7.0	1.855	2.781	8.4	19.2
1 6	4 30.78	+22 9.6	1.950	2.805	11.9	19.5
1 16	4 26.63	+22 15.3	2.067	2.828	14.8	19.8

358557 2007 TV_{198} 12 7.4 56.°92 2.°0/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.86	+27 40.8	1.530	2.392	14.7	21.1
11 17	5 17.81	+27 48.8	1.481	2.408	10.5	20.9
11 27	5 8.25	+27 48.3	1.456	2.424	5.8	20.7
12 7	4 57.42	+27 38.1	1.458	2.441	2.0	20.5
12 17	4 46.81	+27 19.3	1.487	2.457	5.0	20.7
12 27	4 37.85	+26 55.3	1.544	2.474	9.4	21.0
1 6	4 31.55	+26 30.7	1.625	2.491	13.3	21.3
1 16	4 28.41	+26 9.4	1.727	2.508	16.5	21.6

345824 2007 HO_{76} 12 7.4 192.°24 0.°6/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.92	+20 55.6	2.048	2.900	11.9	22.0
11 17	5 17.51	+20 58.0	1.974	2.899	8.4	21.8
11 27	5 8.05	+20 59.1	1.927	2.897	4.4	21.5
12 7	4 57.43	+20 58.6	1.909	2.894	0.6	21.2
12 17	4 46.73	+20 57.1	1.921	2.890	4.2	21.5
12 27	4 37.10	+20 56.0	1.963	2.886	8.2	21.7
1 6	4 29.45	+20 57.2	2.032	2.881	11.8	22.0
1 16	4 24.36	+21 2.3	2.123	2.876	14.7	22.2

486475 2013 GV_{66} 12 7.4 336.°43 0.°8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.09	+21 47.3	1.553	2.420	14.2	20.4
11 17	5 17.61	+22 42.1	1.481	2.412	10.1	20.1
11 27	5 8.39	+23 38.2	1.433	2.404	5.4	19.8
12 7	4 57.45	+24 32.3	1.413	2.397	0.8	19.5
12 17	4 46.20	+25 21.5	1.420	2.391	5.0	19.8
12 27	4 36.19	+26 4.7	1.455	2.385	9.8	20.0
1 6	4 28.69	+26 43.1	1.515	2.380	14.1	20.3
1 16	4 24.48	+27 18.5	1.595	2.376	17.7	20.5

281008 2006 DU_{207} 12 7.4 165.°94 5.°5/ 9.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.03	+43 8.2	2.940	3.730	10.4	21.4
11 17	5 17.40	+43 39.1	2.869	3.734	8.4	21.2
11 27	5 7.92	+43 56.3	2.824	3.738	6.6	21.1
12 7	4 57.43	+43 57.2	2.807	3.741	5.5	21.1
12 17	4 46.91	+43 41.2	2.819	3.744	5.9	21.1
12 27	4 37.42	+43 10.3	2.860	3.747	7.4	21.2
1 6	4 29.77	+42 28.6	2.928	3.749	9.4	21.3
1 16	4 24.47	+41 41.0	3.019	3.751	11.2	21.5

269267 2008 RO_{65} 12 7.4 118.°37 0.°2/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.15	+22 4.7	2.292	3.147	10.7	21.1
11 17	5 13.98	+22 3.9	2.223	3.149	7.5	20.9
11 27	5 6.13	+22 1.1	2.181	3.151	3.9	20.6
12 7	4 57.35	+21 56.4	2.168	3.153	0.3	20.3
12 17	4 48.56	+21 50.4	2.185	3.155	3.6	20.6
12 27	4 40.70	+21 44.7	2.232	3.156	7.2	20.9
1 6	4 34.52	+21 40.8	2.305	3.158	10.4	21.1
1 16	4 30.51	+21 40.4	2.401	3.160	13.0	21.3

514578 2000 EP_{51} 12 7.4 262.°32 0.°5/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.00	+24 20.7	1.598	2.461	14.1	22.0
11 17	5 18.16	+24 15.5	1.519	2.448	10.1	21.7
11 27	5 8.63	+24 4.8	1.465	2.435	5.4	21.4
12 7	4 57.48	+23 48.1	1.437	2.422	0.5	21.0
12 17	4 46.10	+23 26.6	1.438	2.409	4.9	21.3
12 27	4 36.05	+23 3.3	1.466	2.395	9.9	21.6
1 6	4 28.51	+22 42.2	1.519	2.381	14.3	21.8
1 16	4 24.20	+22 26.9	1.592	2.367	17.9	22.0

226398 2003 QH_{20} 12 7.4 123.°45 5.°1/ 9.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.40	+39 57.3	2.588	3.396	11.1	20.4
11 17	5 17.70	+40 26.4	2.527	3.410	8.7	20.3
11 27	5 8.08	+40 41.9	2.492	3.423	6.4	20.1
12 7	4 57.45	+40 41.5	2.485	3.435	5.1	20.1
12 17	4 46.89	+40 24.7	2.507	3.447	5.7	20.1
12 27	4 37.48	+39 54.1	2.559	3.459	7.6	20.3
1 6	4 30.06	+39 14.1	2.637	3.471	9.9	20.5
1 16	4 25.13	+38 29.7	2.739	3.482	12.0	20.6

20977 1981 EN_{7} 12 7.4 70.°49 4.°4/ 8.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.04	+36 1.7	2.059	2.892	12.6	18.3
11 17	5 16.99	+36 15.9	1.998	2.901	9.6	18.1
11 27	5 7.78	+36 16.6	1.961	2.910	6.5	18.0
12 7	4 57.44	+36 1.7	1.952	2.919	4.5	17.9
12 17	4 47.20	+35 31.7	1.972	2.929	5.5	18.0
12 27	4 38.30	+34 50.1	2.020	2.938	8.3	18.1
1 6	4 31.65	+34 2.1	2.094	2.947	11.3	18.4
1 16	4 27.75	+33 13.1	2.191	2.956	13.9	18.6

390674 2002 TV_{109} 12 7.4 62.°96 1.°6/ 7.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.67	+17 55.8	1.589	2.450	14.3	20.4
11 17	5 18.66	+18 7.5	1.557	2.485	10.0	20.2
11 27	5 8.53	+18 20.8	1.550	2.520	5.3	20.0
12 7	4 57.48	+18 35.4	1.571	2.555	1.6	19.8
12 17	4 46.82	+18 51.3	1.621	2.589	4.9	20.1
12 27	4 37.79	+19 9.2	1.699	2.624	9.1	20.5
1 6	4 31.24	+19 29.9	1.802	2.658	12.7	20.8
1 16	4 27.56	+19 53.8	1.927	2.691	15.6	21.0

46276 2001 JQ_{4} 12 7.4 123.°16 6.°5/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.99	+ 5 50.3	1.947	2.791	12.8	18.6
11 17	5 14.59	+ 4 53.2	1.894	2.799	9.9	18.5
11 27	5 6.43	+ 4 6.7	1.866	2.807	7.4	18.3
12 7	4 57.40	+ 3 34.9	1.865	2.814	6.6	18.3
12 17	4 48.44	+ 3 20.3	1.892	2.822	8.0	18.4
12 27	4 40.57	+ 3 23.9	1.946	2.829	10.6	18.6
1 6	4 34.53	+ 3 44.2	2.024	2.836	13.3	18.8
1 16	4 30.79	+ 4 18.6	2.122	2.842	15.7	19.0

218255 2003 AP_{36} 12 7.4 256.°56 2.°9/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.96	+31 57.6	2.256	3.095	11.5	20.7
11 17	5 16.96	+32 2.4	2.165	3.077	8.5	20.5
11 27	5 7.85	+31 57.4	2.099	3.058	5.3	20.3
12 7	4 57.46	+31 40.7	2.062	3.039	2.9	20.1
12 17	4 46.89	+31 12.7	2.055	3.020	4.5	20.2
12 27	4 37.31	+30 35.9	2.078	3.000	7.9	20.3
1 6	4 29.68	+29 54.6	2.128	2.980	11.2	20.5
1 16	4 24.63	+29 13.4	2.200	2.959	14.1	20.7

241788 2001 PS_{34} 12 7.4 109.°47 1.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.39	+20 1.4	2.024	2.881	11.8	20.1
11 17	5 15.53	+19 21.6	1.968	2.894	8.3	20.0
11 27	5 6.91	+18 40.1	1.937	2.907	4.4	19.7
12 7	4 57.42	+17 58.9	1.936	2.919	1.6	19.6
12 17	4 48.09	+17 20.8	1.965	2.931	4.5	19.8
12 27	4 39.93	+16 48.4	2.023	2.943	8.2	20.0
1 6	4 33.70	+16 24.1	2.108	2.955	11.5	20.3
1 16	4 29.83	+16 8.8	2.214	2.966	14.2	20.5

387589 2001 UJ_{215} 12 7.4 10.°29 0.°2/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.34	+22 24.5	1.153	2.036	16.9	20.3
11 17	5 16.72	+22 38.3	1.100	2.038	11.9	20.0
11 27	5 7.97	+22 49.7	1.067	2.041	6.3	19.7
12 7	4 57.47	+22 57.8	1.059	2.045	0.3	19.3
12 17	4 46.95	+23 2.5	1.077	2.050	5.7	19.7
12 27	4 38.25	+23 6.2	1.118	2.055	11.3	20.0
1 6	4 32.65	+23 11.6	1.182	2.062	16.1	20.3
1 16	4 30.77	+23 21.0	1.264	2.070	20.1	20.6

41741 2000 VG 12 7.4 62.°92 0.°5/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.25	+23 36.3	1.326	2.197	16.0	19.0
11 17	5 19.24	+23 44.5	1.267	2.199	11.3	18.7
11 27	5 9.23	+23 48.4	1.230	2.201	6.0	18.4
12 7	4 57.52	+23 46.8	1.218	2.203	0.6	18.1
12 17	4 45.80	+23 40.2	1.234	2.206	5.4	18.4
12 27	4 35.79	+23 31.6	1.276	2.208	10.7	18.7
1 6	4 28.75	+23 24.5	1.341	2.210	15.3	19.0
1 16	4 25.33	+23 22.1	1.425	2.213	19.1	19.3

407446 2010 UY 12 7.4 349.°87 2.°2/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.78	+28 1.3	1.906	2.760	12.6	21.6
11 17	5 16.25	+28 23.0	1.836	2.759	9.1	21.3
11 27	5 7.49	+28 37.9	1.792	2.758	5.2	21.1
12 7	4 57.45	+28 44.2	1.776	2.757	2.2	20.9
12 17	4 47.34	+28 41.8	1.789	2.757	4.5	21.1
12 27	4 38.40	+28 32.5	1.829	2.756	8.4	21.3
1 6	4 31.62	+28 19.7	1.896	2.756	12.0	21.5
1 16	4 27.61	+28 6.9	1.984	2.756	15.0	21.7

79412 1997 JO_{14} 12 7.4 118.°87 0.°8/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.69	+20 45.2	1.766	2.623	13.3	19.7
11 17	5 18.76	+20 42.5	1.714	2.640	9.3	19.5
11 27	5 8.67	+20 38.3	1.688	2.658	4.9	19.3
12 7	4 57.50	+20 32.6	1.689	2.674	0.8	19.0
12 17	4 46.51	+20 26.4	1.721	2.690	4.6	19.3
12 27	4 36.93	+20 21.7	1.781	2.705	8.8	19.6
1 6	4 29.68	+20 20.5	1.867	2.720	12.5	19.9
1 16	4 25.25	+20 24.3	1.975	2.733	15.5	20.1

451915 2014 KV_{53} 12 7.4 101.°77 2.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.31	+15 21.5	2.008	2.864	12.0	21.2
11 17	5 15.48	+15 6.3	1.956	2.880	8.5	21.0
11 27	5 6.89	+14 54.2	1.929	2.895	4.9	20.8
12 7	4 57.43	+14 46.5	1.931	2.910	2.6	20.7
12 17	4 48.08	+14 44.6	1.963	2.925	4.9	20.9
12 27	4 39.87	+14 49.2	2.024	2.940	8.4	21.2
1 6	4 33.54	+15 1.0	2.110	2.954	11.6	21.4
1 16	4 29.56	+15 19.5	2.218	2.968	14.3	21.6

376753 1999 VB_{40} 12 7.4 352.°77 3.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.73	+26 46.8	1.143	2.022	17.4	20.6
11 17	5 18.75	+27 34.5	1.083	2.017	12.6	20.3
11 27	5 9.23	+28 16.1	1.044	2.014	7.2	20.0
12 7	4 57.54	+28 46.9	1.029	2.011	3.0	19.8
12 17	4 45.61	+29 4.4	1.039	2.009	6.5	20.0
12 27	4 35.54	+29 10.3	1.073	2.008	11.9	20.3
1 6	4 28.89	+29 9.5	1.129	2.008	16.8	20.6
1 16	4 26.40	+29 7.2	1.203	2.009	20.9	20.8

521888 2015 TP_{382} 12 7.4 301.°41 2.°6/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.57	+16 8.5	1.924	2.786	12.2	21.2
11 17	5 14.51	+15 48.0	1.855	2.782	8.7	21.0
11 27	5 6.50	+15 29.9	1.811	2.779	5.0	20.7
12 7	4 57.42	+15 15.8	1.795	2.775	2.6	20.6
12 17	4 48.29	+15 7.2	1.809	2.772	5.1	20.7
12 27	4 40.20	+15 5.8	1.850	2.769	8.9	20.9
1 6	4 34.01	+15 12.4	1.916	2.766	12.3	21.2
1 16	4 30.26	+15 27.0	2.004	2.763	15.3	21.4

159048 2004 TY_{123} 12 7.4 101.°05 2.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.83	+16 59.4	1.684	2.545	13.6	20.9
11 17	5 17.50	+16 45.4	1.634	2.561	9.6	20.7
11 27	5 8.03	+16 33.7	1.609	2.577	5.3	20.5
12 7	4 57.50	+16 25.2	1.611	2.593	2.4	20.4
12 17	4 47.13	+16 21.5	1.642	2.608	5.3	20.6
12 27	4 38.17	+16 23.9	1.702	2.623	9.3	20.9
1 6	4 31.49	+16 33.2	1.786	2.638	13.0	21.1
1 16	4 27.60	+16 49.7	1.892	2.652	16.0	21.4

54152 2000 HX_{45} 12 7.4 310.°56 1.°8/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.76	+25 25.8	1.447	2.313	15.1	18.5
11 17	5 18.93	+26 0.5	1.379	2.308	10.9	18.2
11 27	5 9.14	+26 30.8	1.334	2.304	6.0	17.9
12 7	4 57.55	+26 53.6	1.315	2.299	1.9	17.6
12 17	4 45.75	+27 7.4	1.324	2.295	5.4	17.9
12 27	4 35.43	+27 13.8	1.360	2.291	10.3	18.1
1 6	4 27.93	+27 16.1	1.419	2.287	14.8	18.4
1 16	4 23.97	+27 18.3	1.499	2.283	18.5	18.6

144022 2004 BW_{13} 12 7.4 244.°24 1.°7/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.31	+18 34.0	1.654	2.515	13.8	20.9
11 17	5 18.27	+18 29.8	1.575	2.503	9.8	20.6
11 27	5 8.68	+18 26.5	1.521	2.491	5.4	20.3
12 7	4 57.54	+18 24.4	1.495	2.478	1.7	20.1
12 17	4 46.16	+18 24.5	1.497	2.465	5.3	20.3
12 27	4 35.98	+18 28.5	1.527	2.452	10.0	20.5
1 6	4 28.15	+18 37.9	1.582	2.438	14.2	20.7
1 16	4 23.38	+18 53.7	1.658	2.423	17.7	20.9

519726 2013 CA_{26} 12 7.4 207.°66 4.°0/ 8.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.85	+36 26.6	2.441	3.263	11.3	22.6
11 17	5 18.14	+36 33.1	2.360	3.256	8.6	22.4
11 27	5 8.39	+36 27.0	2.304	3.250	5.9	22.2
12 7	4 57.53	+36 6.3	2.276	3.243	4.1	22.1
12 17	4 46.63	+35 31.3	2.280	3.235	5.0	22.2
12 27	4 36.83	+34 44.8	2.313	3.226	7.6	22.3
1 6	4 29.03	+33 51.8	2.373	3.217	10.5	22.5
1 16	4 23.77	+32 57.3	2.457	3.208	13.0	22.6

521911 2015 UY_{15} 12 7.4 13.°29 4.°0/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.10	+31 13.2	1.701	2.553	14.0	20.6
11 17	5 18.21	+32 2.3	1.636	2.554	10.3	20.4
11 27	5 8.66	+32 42.0	1.596	2.555	6.5	20.1
12 7	4 57.54	+33 8.3	1.582	2.557	4.0	20.0
12 17	4 46.28	+33 19.6	1.596	2.559	5.8	20.1
12 27	4 36.40	+33 17.6	1.638	2.561	9.5	20.3
1 6	4 29.10	+33 6.6	1.704	2.563	13.2	20.6
1 16	4 25.02	+32 51.8	1.792	2.566	16.3	20.8

373097 2011 FR_{150} 12 7.4 194.°91 5.°7/ 9.6 18

11 7	5 24.67	+43 4.3	2.670	3.466	11.1	20.8
11 17	5 17.30	+43 25.3	2.595	3.464	9.0	20.7
11 27	5 7.94	+43 31.3	2.545	3.463	7.0	20.5
12 7	4 57.50	+43 19.6	2.522	3.461	5.8	20.5
12 17	4 47.07	+42 49.9	2.528	3.459	6.2	20.5
12 27	4 37.76	+42 4.9	2.563	3.457	7.9	20.6
1 6	4 30.44	+41 9.3	2.625	3.455	10.0	20.7
1 16	4 25.63	+40 8.6	2.710	3.452	12.1	20.9

272057 2005 EV_{174} 12 7.4 19.°92 4.°4/ 5.9 17

11 7	5 17.93	+10 22.2	2.292	3.144	10.8	20.5
11 17	5 12.35	+ 9 38.1	2.228	3.144	8.1	20.3
11 27	5 5.27	+ 8 59.8	2.191	3.145	5.5	20.1
12 7	4 57.39	+ 8 30.0	2.182	3.146	4.4	20.1
12 17	4 49.53	+ 8 10.9	2.201	3.147	5.9	20.2
12 27	4 42.53	+ 8 3.9	2.250	3.148	8.6	20.3
1 6	4 37.04	+ 8 8.9	2.323	3.149	11.3	20.5
1 16	4 33.53	+ 8 25.0	2.418	3.151	13.7	20.7

516610 2007 RM_{177} 12 7.4 66.°15 5.°0/ 6.4 18

11 7	5 23.05	+11 40.0	1.561	2.423	14.4	21.1
11 17	5 16.23	+10 56.1	1.521	2.444	10.5	20.9
11 27	5 7.33	+10 20.0	1.506	2.466	6.8	20.8
12 7	4 57.48	+ 9 55.2	1.517	2.487	5.0	20.7
12 17	4 47.91	+ 9 44.0	1.556	2.509	7.1	20.9
12 27	4 39.81	+ 9 47.2	1.621	2.531	10.6	21.1
1 6	4 34.00	+10 4.0	1.710	2.552	14.0	21.4
1 16	4 30.92	+10 32.4	1.820	2.574	16.8	21.6

71583 2000 DW_{61} 12 7.4 11.°06 3.°8/ 6.6 18

11 7	5 18.54	+13 52.7	1.717	2.585	13.1	18.5
11 17	5 13.17	+13 22.6	1.659	2.587	9.4	18.3
11 27	5 5.82	+12 57.4	1.626	2.591	5.7	18.1
12 7	4 57.42	+12 39.7	1.619	2.595	3.8	18.0
12 17	4 49.05	+12 31.5	1.640	2.600	6.0	18.1
12 27	4 41.83	+12 34.2	1.688	2.605	9.7	18.3
1 6	4 36.62	+12 47.7	1.760	2.612	13.1	18.6
1 16	4 33.93	+13 11.2	1.852	2.619	16.1	18.8

244157 2001 WR_{90} 12 7.4 112.°35 4.°7/ 8.6 18

11 7	5 26.80	+36 3.7	2.156	2.982	12.4	20.2
11 17	5 18.94	+36 43.7	2.098	2.996	9.4	20.0
11 27	5 8.85	+37 11.1	2.065	3.010	6.5	19.9
12 7	4 57.55	+37 22.7	2.060	3.023	4.8	19.8
12 17	4 46.30	+37 17.8	2.085	3.036	5.7	19.9
12 27	4 36.35	+36 58.9	2.139	3.049	8.3	20.0
1 6	4 28.67	+36 30.7	2.218	3.061	11.1	20.3
1 16	4 23.80	+35 58.5	2.321	3.073	13.6	20.5

422303 2014 SC_{160} 12 7.5 70.°31 4.°0/ 8.4 17

11 7	5 23.70	+33 50.1	2.142	2.979	12.0	21.1
11 17	5 16.75	+34 22.6	2.082	2.989	9.0	20.9
11 27	5 7.70	+34 44.4	2.047	2.999	5.9	20.7
12 7	4 57.52	+34 52.9	2.040	3.009	4.0	20.6
12 17	4 47.36	+34 47.8	2.062	3.020	5.2	20.7
12 27	4 38.39	+34 31.3	2.112	3.030	8.0	20.9
1 6	4 31.54	+34 7.3	2.189	3.040	11.0	21.1
1 16	4 27.33	+33 40.5	2.289	3.050	13.5	21.3

67811 2000 VL_{23} 12 7.5 34.°57 0.°4/ 7.6 18

11 7	5 21.55	+24 22.2	1.843	2.705	12.6	19.2
11 17	5 15.29	+24 16.8	1.781	2.709	8.9	19.0
11 27	5 6.95	+24 6.8	1.744	2.714	4.7	18.8
12 7	4 57.49	+23 52.3	1.734	2.719	0.5	18.5
12 17	4 48.07	+23 34.3	1.753	2.724	4.2	18.8
12 27	4 39.88	+23 15.5	1.801	2.730	8.3	19.0
1 6	4 33.79	+22 58.8	1.874	2.735	12.0	19.3
1 16	4 30.35	+22 46.4	1.969	2.741	15.1	19.5

224709 2006 BL_{120} 12 7.5 126.°87 0.°4/ 7.3 18

11 7	5 20.39	+22 18.3	2.497	3.349	10.0	21.1
11 17	5 13.99	+22 2.9	2.435	3.359	7.0	20.9
11 27	5 6.11	+21 44.9	2.399	3.369	3.7	20.7
12 7	4 57.46	+21 25.1	2.393	3.378	0.4	20.4
12 17	4 48.88	+21 4.5	2.418	3.387	3.4	20.7
12 27	4 41.21	+20 45.2	2.473	3.396	6.7	20.9
1 6	4 35.12	+20 29.1	2.555	3.404	9.6	21.1
1 16	4 31.02	+20 17.5	2.661	3.412	12.1	21.3

331345 2012 BX_{119} 12 7.5 177.°75 0.°8/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.85	+20 24.2	2.460	3.312	10.2	21.5
11 17	5 14.40	+20 13.7	2.389	3.313	7.1	21.3
11 27	5 6.36	+20 2.1	2.345	3.314	3.8	21.1
12 7	4 57.48	+19 49.9	2.331	3.315	0.8	20.9
12 17	4 48.58	+19 38.2	2.347	3.315	3.6	21.1
12 27	4 40.55	+19 28.3	2.394	3.315	7.0	21.3
1 6	4 34.10	+19 22.0	2.467	3.314	10.0	21.5
1 16	4 29.69	+19 20.2	2.565	3.314	12.6	21.7

202738 2007 LK_1 12 7.5 211.°61 2.°6/ 6.5 17

11 7	5 19.18	+15 16.8	2.440	3.293	10.2	20.5
11 17	5 13.22	+14 43.9	2.368	3.290	7.3	20.3
11 27	5 5.74	+14 12.9	2.322	3.286	4.3	20.1
12 7	4 57.45	+13 45.5	2.306	3.283	2.6	20.0
12 17	4 49.14	+13 23.9	2.320	3.278	4.6	20.1
12 27	4 41.65	+13 9.5	2.363	3.274	7.6	20.3
1 6	4 35.65	+13 3.4	2.433	3.270	10.5	20.5
1 16	4 31.61	+13 5.8	2.525	3.265	13.0	20.6

176997 2003 AK_{30} 12 7.5 300.°52 2.°3/ 6.9 17

11 7	5 20.93	+17 20.2	1.777	2.642	12.8	20.3
11 17	5 15.08	+17 3.8	1.694	2.623	9.2	20.1
11 27	5 6.98	+16 48.8	1.635	2.604	5.2	19.8
12 7	4 57.51	+16 36.6	1.604	2.586	2.3	19.5
12 17	4 47.80	+16 28.9	1.601	2.567	5.3	19.7
12 27	4 39.10	+16 27.5	1.626	2.549	9.5	19.9
1 6	4 32.44	+16 33.8	1.675	2.531	13.5	20.1
1 16	4 28.50	+16 48.2	1.746	2.513	16.9	20.3

372901 2011 AC_{43} 12 7.5 195.°55 1.°8/ 6.9 18

11 7	5 19.43	+16 24.1	2.754	3.603	9.3	21.6
11 17	5 13.29	+16 16.8	2.679	3.601	6.6	21.4
11 27	5 5.76	+16 11.1	2.632	3.598	3.7	21.2
12 7	4 57.46	+16 7.8	2.614	3.595	1.8	21.1
12 17	4 49.13	+16 7.7	2.628	3.591	3.7	21.2
12 27	4 41.50	+16 11.6	2.672	3.588	6.7	21.4
1 6	4 35.23	+16 20.0	2.744	3.583	9.4	21.6
1 16	4 30.74	+16 33.4	2.839	3.579	11.7	21.7

97354 2000 AZ_{24} 12 7.5 37.°69 1.°7/ 8.0 17

11 7	5 21.50	+28 48.4	2.040	2.892	11.9	19.1
11 17	5 15.13	+28 33.8	1.974	2.896	8.6	18.9
11 27	5 6.83	+28 10.7	1.934	2.900	4.8	18.7
12 7	4 57.51	+27 39.0	1.921	2.904	1.7	18.4
12 17	4 48.26	+27 0.6	1.939	2.908	4.1	18.6
12 27	4 40.18	+26 18.6	1.985	2.913	7.8	18.9
1 6	4 34.12	+25 37.3	2.057	2.917	11.2	19.1
1 16	4 30.55	+25 0.1	2.152	2.922	14.0	19.3

204030 2003 UU_{92} 12 7.5 61.°33 0.°5/ 7.6 18

11 7	5 24.37	+24 50.4	1.541	2.407	14.4	20.0
11 17	5 17.40	+24 35.4	1.493	2.423	10.1	19.7
11 27	5 8.06	+24 14.4	1.469	2.439	5.4	19.5
12 7	4 57.56	+23 47.8	1.471	2.456	0.5	19.2
12 17	4 47.30	+23 17.8	1.502	2.473	4.7	19.6
12 27	4 38.65	+22 48.1	1.560	2.490	9.3	19.9
1 6	4 32.54	+22 22.5	1.642	2.507	13.2	20.1
1 16	4 29.46	+22 3.5	1.746	2.524	16.5	20.4

158197 2001 SQ_1 12 7.5 350.°48 0.°2/ 7.5 18

11 7	5 20.31	+23 58.5	1.102	1.989	17.1	18.9
11 17	5 15.52	+23 45.1	1.040	1.981	12.2	18.6
11 27	5 7.49	+23 25.3	1.000	1.974	6.5	18.3
12 7	4 57.55	+22 59.7	0.983	1.968	0.3	17.8
12 17	4 47.49	+22 30.7	0.990	1.964	5.9	18.2
12 27	4 39.21	+22 3.1	1.021	1.961	11.8	18.5
1 6	4 34.09	+21 41.5	1.073	1.959	16.9	18.8
1 16	4 32.82	+21 28.9	1.143	1.959	21.2	19.1

241819 2001 SW_{75} 12 7.5 99.°12 3.°0/ 6.4 18

11 7	5 22.44	+15 53.5	2.053	2.908	11.8	20.5
11 17	5 15.49	+15 1.5	2.004	2.928	8.4	20.3
11 27	5 6.88	+14 11.4	1.982	2.947	4.9	20.1
12 7	4 57.52	+13 26.0	1.989	2.966	3.0	20.1
12 17	4 48.37	+12 48.3	2.026	2.985	5.2	20.2
12 27	4 40.38	+12 20.5	2.092	3.003	8.5	20.5
1 6	4 34.25	+12 3.8	2.184	3.021	11.5	20.7
1 16	4 30.40	+11 58.1	2.298	3.038	14.1	20.9

513623 2011 KH_8 12 7.5 196.°77 0.°9/ 7.3 18

11 7	5 25.08	+20 6.9	1.937	2.792	12.4	21.9
11 17	5 17.76	+20 8.6	1.864	2.790	8.8	21.7
11 27	5 8.30	+20 9.7	1.817	2.787	4.6	21.4
12 7	4 57.60	+20 10.1	1.799	2.783	0.9	21.1
12 17	4 46.80	+20 10.4	1.810	2.779	4.4	21.4
12 27	4 37.12	+20 12.0	1.851	2.775	8.6	21.6
1 6	4 29.51	+20 16.5	1.918	2.769	12.3	21.9
1 16	4 24.56	+20 25.5	2.007	2.763	15.4	22.1

493089 2014 SS_{319} 12 7.5 161.°74 1.°6/ 6.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.74	+18 39.8	2.352	3.207	10.4	22.0
11 17	5 13.65	+18 16.9	2.284	3.209	7.4	21.8
11 27	5 5.99	+17 53.7	2.242	3.211	4.0	21.6
12 7	4 57.49	+17 31.7	2.230	3.212	1.6	21.4
12 17	4 49.01	+17 12.3	2.248	3.214	4.0	21.6
12 27	4 41.41	+16 57.4	2.296	3.215	7.4	21.8
1 6	4 35.41	+16 48.3	2.370	3.216	10.4	22.0
1 16	4 31.47	+16 45.8	2.467	3.217	13.0	22.2

209941 2006 DD_{35} 12 7.5 98.°38 1.°9/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.40	+27 1.4	1.373	2.233	16.1	20.5
11 17	5 21.91	+27 13.8	1.327	2.253	11.5	20.3
11 27	5 10.52	+27 17.3	1.304	2.272	6.3	20.0
12 7	4 57.69	+27 10.1	1.308	2.292	2.0	19.8
12 17	4 45.18	+26 53.1	1.340	2.310	5.4	20.1
12 27	4 34.66	+26 30.4	1.399	2.328	10.2	20.4
1 6	4 27.26	+26 7.2	1.482	2.346	14.5	20.7
1 16	4 23.46	+25 47.9	1.585	2.363	17.9	21.0

30438 2000 LL_{34} 12 7.5 145.°62 4.°6/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.60	+ 8 38.8	2.320	3.163	11.0	18.7
11 17	5 14.17	+ 8 7.4	2.261	3.171	8.3	18.6
11 27	5 6.23	+ 7 43.4	2.228	3.179	5.7	18.4
12 7	4 57.51	+ 7 29.1	2.224	3.186	4.6	18.4
12 17	4 48.84	+ 7 26.0	2.250	3.193	6.0	18.5
12 27	4 41.07	+ 7 34.7	2.304	3.199	8.6	18.6
1 6	4 34.87	+ 7 54.6	2.385	3.205	11.2	18.8
1 16	4 30.68	+ 8 24.3	2.487	3.211	13.5	19.0

104341 2000 FR_{13} 12 7.5 158.°95 6.°0/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.29	+ 2 54.3	2.417	3.242	11.3	20.3
11 17	5 14.61	+ 2 29.3	2.358	3.249	8.9	20.1
11 27	5 6.45	+ 2 15.7	2.325	3.255	6.8	20.0
12 7	4 57.52	+ 2 15.8	2.319	3.261	6.0	20.0
12 17	4 48.63	+ 2 30.8	2.344	3.266	7.1	20.0
12 27	4 40.59	+ 3 0.3	2.396	3.271	9.2	20.2
1 6	4 34.07	+ 3 42.5	2.474	3.275	11.5	20.3
1 16	4 29.51	+ 4 35.0	2.575	3.278	13.6	20.5

76581 2000 GC_{135} 12 7.5 90.°59 2.°1/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.01	+15 31.2	2.402	3.255	10.4	18.6
11 17	5 13.76	+15 32.5	2.345	3.268	7.4	18.5
11 27	5 6.02	+15 36.8	2.314	3.280	4.2	18.3
12 7	4 57.51	+15 44.5	2.312	3.292	2.1	18.1
12 17	4 49.04	+15 56.0	2.341	3.305	4.1	18.3
12 27	4 41.45	+16 11.8	2.400	3.317	7.2	18.5
1 6	4 35.42	+16 32.0	2.485	3.329	10.1	18.7
1 16	4 31.38	+16 56.6	2.594	3.341	12.5	18.9

37881 1998 FL_{48} 12 7.5 152.°80 0.°4/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.21	+24 50.5	1.737	2.597	13.3	19.3
11 17	5 17.29	+24 36.3	1.671	2.599	9.4	19.1
11 27	5 8.06	+24 16.0	1.631	2.601	5.0	18.9
12 7	4 57.60	+23 50.1	1.618	2.603	0.5	18.5
12 17	4 47.16	+23 20.2	1.633	2.604	4.5	18.8
12 27	4 38.07	+22 49.8	1.678	2.606	8.9	19.1
1 6	4 31.30	+22 22.5	1.747	2.607	12.8	19.3
1 16	4 27.41	+22 1.3	1.838	2.608	16.1	19.6

153702 2001 UO_{47} 12 7.5 65.°91 1.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.71	+20 8.8	1.387	2.257	15.4	19.5
11 17	5 18.46	+20 3.7	1.343	2.276	10.8	19.3
11 27	5 8.66	+19 58.0	1.323	2.295	5.7	19.1
12 7	4 57.62	+19 52.1	1.330	2.314	1.2	18.8
12 17	4 46.84	+19 47.2	1.363	2.333	5.3	19.1
12 27	4 37.80	+19 45.5	1.424	2.353	10.1	19.5
1 6	4 31.50	+19 48.9	1.508	2.372	14.2	19.8
1 16	4 28.41	+19 58.4	1.612	2.392	17.6	20.1

310067 2010 KB_9 12 7.5 200.°44 6.°6/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.41	+ 5 58.7	2.029	2.870	12.5	21.4
11 17	5 14.95	+ 4 47.8	1.964	2.867	9.7	21.2
11 27	5 6.73	+ 3 45.9	1.925	2.864	7.4	21.0
12 7	4 57.55	+ 2 57.8	1.914	2.861	6.6	21.0
12 17	4 48.36	+ 2 26.9	1.931	2.857	8.1	21.1
12 27	4 40.15	+ 2 15.1	1.976	2.853	10.7	21.2
1 6	4 33.72	+ 2 21.6	2.044	2.848	13.5	21.4
1 16	4 29.56	+ 2 44.2	2.133	2.843	15.9	21.6

265145 2003 UA_{339} 12 7.5 297.°71 0.°1/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.68	+22 58.6	2.084	2.943	11.5	20.5
11 17	5 14.75	+22 59.9	1.994	2.922	8.2	20.3
11 27	5 6.78	+22 58.6	1.930	2.900	4.3	20.0
12 7	4 57.55	+22 54.2	1.894	2.879	0.2	19.6
12 17	4 48.08	+22 47.3	1.888	2.858	4.0	19.9
12 27	4 39.49	+22 39.6	1.910	2.837	8.1	20.1
1 6	4 32.71	+22 33.2	1.958	2.816	11.7	20.3
1 16	4 28.40	+22 30.3	2.029	2.795	14.9	20.5

268626 2006 DS_{28} 12 7.5 219.°73 0.°2/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.33	+23 33.6	2.603	3.453	9.8	21.5
11 17	5 14.07	+23 32.3	2.524	3.447	6.9	21.3
11 27	5 6.24	+23 28.0	2.471	3.440	3.6	21.1
12 7	4 57.53	+23 20.7	2.449	3.434	0.3	20.8
12 17	4 48.75	+23 10.9	2.457	3.427	3.3	21.1
12 27	4 40.75	+23 0.2	2.495	3.419	6.6	21.3
1 6	4 34.26	+22 50.3	2.561	3.412	9.6	21.4
1 16	4 29.75	+22 43.1	2.651	3.404	12.1	21.6

2437 Amnestia 12 7.5 50.°26 1.°7/ 7.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.74	+20 55.2	1.088	1.970	17.8	15.6
11 17	5 18.94	+20 23.3	1.046	1.984	12.5	15.3
11 27	5 9.05	+19 48.9	1.026	1.999	6.6	15.1
12 7	4 57.66	+19 14.6	1.030	2.015	1.7	14.8
12 17	4 46.61	+18 43.8	1.060	2.031	6.3	15.1
12 27	4 37.68	+18 20.8	1.114	2.047	11.8	15.5
1 6	4 32.00	+18 8.5	1.189	2.064	16.5	15.8
1 16	4 30.04	+18 7.7	1.283	2.080	20.3	16.1

110799 2001 UF_{40} 12 7.5 355.°33 2.°7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.88	+16 16.2	1.817	2.681	12.7	19.9
11 17	5 14.82	+15 52.8	1.752	2.680	9.0	19.7
11 27	5 6.75	+15 31.6	1.712	2.679	5.2	19.4
12 7	4 57.57	+15 14.6	1.699	2.679	2.7	19.3
12 17	4 48.37	+15 3.6	1.715	2.679	5.3	19.4
12 27	4 40.29	+15 0.3	1.758	2.679	9.2	19.7
1 6	4 34.22	+15 5.6	1.827	2.679	12.7	19.9
1 16	4 30.69	+15 19.5	1.917	2.679	15.8	20.1

269359 2008 UJ_{205} 12 7.5 132.°88 3.°1/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.62	+10 25.7	2.595	3.435	10.1	19.9
11 17	5 14.83	+10 45.3	2.530	3.443	7.4	19.7
11 27	5 6.59	+11 11.6	2.492	3.450	4.6	19.6
12 7	4 57.57	+11 44.7	2.484	3.457	3.1	19.5
12 17	4 48.52	+12 24.2	2.508	3.464	4.6	19.6
12 27	4 40.25	+13 9.2	2.562	3.470	7.3	19.8
1 6	4 33.43	+13 58.8	2.645	3.477	9.9	20.0
1 16	4 28.51	+14 51.8	2.751	3.483	12.2	20.1

197441 2003 YN_{94} 12 7.5 291.°07 1.°7/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.44	+29 22.5	2.510	3.353	10.3	20.5
11 17	5 15.12	+29 12.9	2.403	3.320	7.5	20.3
11 27	5 6.93	+28 55.4	2.323	3.287	4.4	20.0
12 7	4 57.58	+28 29.2	2.272	3.254	1.8	19.8
12 17	4 47.99	+27 55.0	2.252	3.220	3.8	19.9
12 27	4 39.16	+27 15.2	2.262	3.186	7.2	20.0
1 6	4 31.94	+26 33.5	2.299	3.152	10.4	20.2
1 16	4 26.95	+25 53.3	2.360	3.117	13.3	20.3

127733 2003 EB_{58} 12 7.5 265.°46 0.°6/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.05	+20 16.4	1.740	2.591	13.7	19.7
11 17	5 21.92	+21 29.7	1.650	2.573	9.8	19.4
11 27	5 10.86	+22 47.6	1.585	2.555	5.3	19.1
12 7	4 57.78	+24 6.0	1.551	2.536	0.6	18.7
12 17	4 44.04	+25 20.1	1.547	2.517	4.9	19.0
12 27	4 31.27	+26 27.3	1.574	2.497	9.8	19.2
1 6	4 20.86	+27 27.3	1.627	2.477	14.1	19.4
1 16	4 13.76	+28 22.1	1.702	2.457	17.7	19.6

211930 2004 VM_{20} 12 7.5 33.°10 2.°7/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.04	+18 45.3	0.990	1.879	18.5	19.9
11 17	5 17.98	+18 15.4	0.948	1.888	13.1	19.6
11 27	5 8.66	+17 46.5	0.926	1.899	7.1	19.4
12 7	4 57.66	+17 21.6	0.928	1.911	2.7	19.1
12 17	4 46.92	+17 3.7	0.953	1.924	7.0	19.4
12 27	4 38.32	+16 56.1	1.002	1.937	12.6	19.8
1 6	4 33.10	+17 0.3	1.072	1.951	17.5	20.1
1 16	4 31.74	+17 15.9	1.159	1.966	21.5	20.4

199156 2005 YL_{170} 12 7.5 328.°00 3.°0/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.72	+16 34.8	1.476	2.346	14.6	20.5
11 17	5 16.51	+16 11.4	1.411	2.342	10.5	20.3
11 27	5 7.79	+15 50.6	1.369	2.338	6.0	20.0
12 7	4 57.63	+15 34.4	1.354	2.335	3.0	19.8
12 17	4 47.39	+15 25.1	1.366	2.332	6.1	20.0
12 27	4 38.53	+15 24.5	1.404	2.329	10.6	20.2
1 6	4 32.13	+15 33.8	1.466	2.326	14.8	20.5
1 16	4 28.81	+15 52.9	1.548	2.323	18.4	20.7

125314 2001 VW_{34} 12 7.5 11.°26 0.°9/ 7.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.07	+22 8.4	1.111	1.998	17.1	18.5
11 17	5 15.84	+21 46.4	1.060	2.001	12.0	18.3
11 27	5 7.55	+21 20.6	1.031	2.004	6.3	18.0
12 7	4 57.61	+20 52.6	1.025	2.009	0.9	17.6
12 17	4 47.77	+20 25.4	1.043	2.016	6.0	18.0
12 27	4 39.78	+20 3.2	1.086	2.023	11.5	18.3
1 6	4 34.87	+19 49.4	1.150	2.032	16.4	18.6
1 16	4 33.58	+19 45.5	1.233	2.042	20.3	18.9

25614 Jankrál 12 7.5 27.°65 0.°2/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.74	+23 46.7	2.031	2.890	11.7	18.6
11 17	5 14.63	+23 41.3	1.965	2.893	8.3	18.3
11 27	5 6.62	+23 32.1	1.925	2.895	4.4	18.1
12 7	4 57.59	+23 19.2	1.913	2.898	0.3	17.8
12 17	4 48.56	+23 3.8	1.931	2.901	3.9	18.1
12 27	4 40.61	+22 47.9	1.977	2.904	7.8	18.3
1 6	4 34.56	+22 34.0	2.049	2.908	11.3	18.6
1 16	4 30.93	+22 24.1	2.143	2.911	14.1	18.8

124094 2001 HK_{33} 12 7.5 227.°17 1.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.49	+18 17.3	2.419	3.274	10.2	20.4
11 17	5 13.51	+17 55.5	2.345	3.270	7.2	20.2
11 27	5 5.97	+17 33.7	2.297	3.265	4.0	19.9
12 7	4 57.56	+17 13.2	2.278	3.260	1.6	19.8
12 17	4 49.12	+16 55.5	2.289	3.255	4.0	19.9
12 27	4 41.50	+16 42.2	2.331	3.250	7.3	20.1
1 6	4 35.42	+16 34.6	2.399	3.244	10.3	20.3
1 16	4 31.34	+16 33.6	2.490	3.238	12.9	20.5

48667 1995 WS_{33} 12 7.5 155.°86 2.°7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.29	+16 36.4	1.733	2.592	13.4	19.3
11 17	5 17.93	+16 8.7	1.672	2.598	9.6	19.1
11 27	5 8.38	+15 42.7	1.637	2.604	5.4	18.9
12 7	4 57.68	+15 20.5	1.629	2.609	2.7	18.7
12 17	4 47.04	+15 4.0	1.650	2.614	5.5	18.9
12 27	4 37.70	+14 55.5	1.700	2.618	9.6	19.2
1 6	4 30.61	+14 56.0	1.774	2.621	13.3	19.4
1 16	4 26.29	+15 5.8	1.870	2.624	16.4	19.6

30098 2000 EE_{151} 12 7.5 187.°16 0.°2/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.72	+22 14.7	1.959	2.812	12.3	19.2
11 17	5 18.21	+22 14.6	1.887	2.812	8.7	19.0
11 27	5 8.56	+22 11.8	1.841	2.811	4.6	18.8
12 7	4 57.69	+22 6.0	1.824	2.810	0.3	18.4
12 17	4 46.77	+21 57.9	1.838	2.807	4.2	18.7
12 27	4 37.00	+21 49.5	1.880	2.805	8.4	19.0
1 6	4 29.32	+21 43.1	1.949	2.801	12.1	19.2
1 16	4 24.33	+21 40.8	2.041	2.797	15.1	19.4

285873 2001 NY_{7} 12 7.5 121.°52 0.°3/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.57	+22 31.3	1.419	2.281	15.6	21.0
11 17	5 21.25	+22 22.8	1.368	2.296	11.0	20.8
11 27	5 10.20	+22 10.3	1.340	2.311	5.8	20.5
12 7	4 57.76	+21 53.8	1.340	2.325	0.4	20.2
12 17	4 45.56	+21 35.1	1.368	2.339	5.2	20.6
12 27	4 35.17	+21 17.5	1.424	2.352	10.2	20.9
1 6	4 27.68	+21 4.5	1.504	2.364	14.5	21.2
1 16	4 23.61	+20 58.3	1.603	2.375	18.0	21.4

282773 2006 JG_{48} 12 7.5 131.°24 2.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.41	+16 40.8	1.977	2.832	12.1	21.2
11 17	5 16.39	+16 23.8	1.918	2.843	8.6	21.0
11 27	5 7.50	+16 8.7	1.886	2.853	4.8	20.8
12 7	4 57.65	+15 56.7	1.883	2.863	2.3	20.6
12 17	4 47.88	+15 49.3	1.909	2.873	4.8	20.8
12 27	4 39.25	+15 47.8	1.964	2.882	8.5	21.0
1 6	4 32.57	+15 53.2	2.045	2.891	11.8	21.3
1 16	4 28.33	+16 5.6	2.148	2.899	14.6	21.5

314851 2006 UZ_{199} 12 7.5 20.°80 0.°1/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.59	+23 11.5	1.186	2.070	16.4	20.2
11 17	5 15.26	+23 5.2	1.145	2.083	11.5	20.0
11 27	5 7.15	+22 54.7	1.125	2.098	6.0	19.7
12 7	4 57.64	+22 40.6	1.129	2.114	0.3	19.4
12 17	4 48.35	+22 24.7	1.159	2.132	5.4	19.8
12 27	4 40.89	+22 10.3	1.213	2.150	10.6	20.2
1 6	4 36.32	+22 0.5	1.290	2.171	15.0	20.5
1 16	4 35.10	+21 57.3	1.386	2.192	18.6	20.8

137346 1999 TP_{90} 12 7.5 51.°37 3.°3/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.81	+27 51.6	1.138	2.010	17.9	18.9
11 17	5 21.28	+28 38.3	1.100	2.030	12.9	18.7
11 27	5 10.40	+29 15.2	1.083	2.050	7.4	18.5
12 7	4 57.79	+29 37.9	1.090	2.071	3.4	18.3
12 17	4 45.48	+29 45.2	1.123	2.092	6.3	18.5
12 27	4 35.43	+29 40.7	1.181	2.114	11.3	18.9
1 6	4 28.91	+29 30.3	1.261	2.136	15.8	19.2
1 16	4 26.39	+29 19.4	1.361	2.158	19.4	19.5

28145 1998 TY_{18} 12 7.5 214.°71 1.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.99	+25 49.6	2.175	3.025	11.4	19.4
11 17	5 16.95	+25 56.0	2.096	3.018	8.2	19.2
11 27	5 7.90	+25 57.4	2.044	3.011	4.5	18.9
12 7	4 57.69	+25 52.8	2.020	3.004	1.1	18.7
12 17	4 47.36	+25 42.5	2.027	2.996	3.9	18.9
12 27	4 38.04	+25 28.5	2.063	2.988	7.7	19.1
1 6	4 30.62	+25 13.6	2.126	2.979	11.2	19.3
1 16	4 25.68	+25 0.7	2.212	2.970	14.1	19.5

426461 2013 QS_{73} 12 7.5 10.°47 3.°3/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.17	+16 37.4	1.064	1.950	17.8	20.5
11 17	5 17.43	+16 20.7	1.012	1.951	12.7	20.2
11 27	5 8.47	+16 8.3	0.981	1.953	7.2	19.9
12 7	4 57.72	+16 2.6	0.973	1.955	3.3	19.7
12 17	4 46.97	+16 5.4	0.990	1.959	7.1	20.0
12 27	4 38.10	+16 18.2	1.030	1.963	12.6	20.3
1 6	4 32.41	+16 41.5	1.091	1.968	17.5	20.6
1 16	4 30.53	+17 14.2	1.170	1.974	21.5	20.9

492137 2013 NU_{8} 12 7.5 76.°15 0.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.01	+26 11.7	2.190	3.043	11.2	21.2
11 17	5 14.71	+25 52.7	2.123	3.047	7.9	21.0
11 27	5 6.63	+25 27.6	2.082	3.051	4.3	20.8
12 7	4 57.64	+24 57.0	2.070	3.055	0.8	20.5
12 17	4 48.70	+24 22.3	2.088	3.059	3.7	20.8
12 27	4 40.81	+23 46.7	2.136	3.063	7.4	21.0
1 6	4 34.75	+23 13.1	2.210	3.067	10.6	21.2
1 16	4 30.99	+22 44.4	2.307	3.071	13.4	21.4

515099 2010 VT_{140} 12 7.5 124.°45 4.°6/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.55	+10 17.2	2.264	3.111	11.1	21.6
11 17	5 14.16	+ 9 19.7	2.209	3.123	8.3	21.5
11 27	5 6.26	+ 8 27.9	2.181	3.134	5.7	21.3
12 7	4 57.63	+ 7 45.1	2.182	3.144	4.6	21.3
12 17	4 49.10	+ 7 13.9	2.212	3.155	6.2	21.4
12 27	4 41.52	+ 6 56.1	2.271	3.165	8.8	21.6
1 6	4 35.57	+ 6 51.6	2.356	3.174	11.4	21.8
1 16	4 31.64	+ 6 59.4	2.462	3.184	13.7	22.0

116455 2004 AT_{2} 12 7.5 189.°57 3.°0/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.28	+33 11.3	2.185	3.020	11.9	20.2
11 17	5 17.83	+33 2.1	2.110	3.019	8.8	20.0
11 27	5 8.34	+32 41.0	2.061	3.018	5.5	19.8
12 7	4 57.74	+32 7.1	2.041	3.017	3.1	19.7
12 17	4 47.19	+31 21.5	2.050	3.015	4.5	19.8
12 27	4 37.85	+30 28.0	2.090	3.012	7.8	19.9
1 6	4 30.61	+29 31.7	2.156	3.009	11.0	20.1
1 16	4 25.99	+28 37.4	2.246	3.006	13.8	20.3

69059 2002 YL_{18} 12 7.5 59.°67 1.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.54	+26 0.7	1.401	2.268	15.5	19.1
11 17	5 18.62	+25 48.1	1.344	2.274	11.0	18.8
11 27	5 8.94	+25 27.5	1.310	2.280	5.9	18.5
12 7	4 57.78	+24 58.8	1.302	2.287	1.1	18.2
12 17	4 46.73	+24 24.2	1.321	2.293	5.1	18.5
12 27	4 37.40	+23 48.2	1.368	2.300	10.1	18.8
1 6	4 30.90	+23 15.7	1.437	2.306	14.5	19.1
1 16	4 27.78	+22 50.4	1.527	2.313	18.1	19.4

506061 2015 MT_{7} 12 7.5 267.°12 1.°0/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.23	+20 47.7	1.626	2.490	13.8	21.9
11 17	5 17.62	+20 34.7	1.547	2.477	9.9	21.7
11 27	5 8.46	+20 19.6	1.493	2.464	5.3	21.4
12 7	4 57.76	+20 3.0	1.465	2.450	1.1	21.0
12 17	4 46.84	+19 46.7	1.466	2.436	5.1	21.3
12 27	4 37.14	+19 33.1	1.495	2.422	9.9	21.5
1 6	4 29.81	+19 24.9	1.548	2.408	14.2	21.8
1 16	4 25.55	+19 24.2	1.621	2.393	17.8	22.0

454110 2013 CR_{68} 12 7.5 187.°83 3.°3/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.26	+34 10.4	2.350	3.180	11.4	21.6
11 17	5 17.74	+34 5.5	2.274	3.179	8.5	21.4
11 27	5 8.27	+33 48.7	2.224	3.178	5.4	21.2
12 7	4 57.76	+33 19.1	2.204	3.177	3.3	21.1
12 17	4 47.29	+32 37.4	2.213	3.175	4.5	21.1
12 27	4 37.95	+31 47.1	2.253	3.172	7.5	21.3
1 6	4 30.61	+30 52.8	2.320	3.169	10.5	21.5
1 16	4 25.76	+29 59.4	2.410	3.166	13.1	21.7

182490 2001 SU_{164} 12 7.5 358.°40 9.°0/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.33	+39 31.1	1.378	2.222	17.1	18.7
11 17	5 19.38	+41 6.0	1.318	2.218	13.7	18.5
11 27	5 9.78	+42 23.4	1.279	2.215	10.6	18.3
12 7	4 57.84	+43 14.4	1.264	2.213	9.0	18.2
12 17	4 45.51	+43 34.5	1.274	2.213	10.0	18.3
12 27	4 35.00	+43 25.6	1.307	2.214	12.8	18.5
1 6	4 27.97	+42 55.6	1.362	2.216	16.1	18.7
1 16	4 25.23	+42 13.9	1.436	2.220	19.2	18.9

278041 2006 WV_{79} 12 7.5 52.°14 0.°2/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.87	+24 52.6	1.210	2.085	16.8	20.7
11 17	5 18.90	+24 9.4	1.164	2.099	11.8	20.5
11 27	5 9.04	+23 18.0	1.142	2.114	6.2	20.2
12 7	4 57.79	+22 20.8	1.144	2.129	0.3	19.8
12 17	4 46.92	+21 22.7	1.173	2.145	5.6	20.3
12 27	4 38.06	+20 29.7	1.227	2.160	10.9	20.6
1 6	4 32.29	+19 47.1	1.304	2.177	15.5	20.9
1 16	4 30.03	+19 17.2	1.401	2.193	19.2	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
391000	2005 SC_{99}	12	7.5	348.°87	19.°8/23.2	18
	h m	° ′			°	m
11 7	5 11.17	− 3 21.8	0.845	1.725	21.8	18.8
11 17	5 9.31	− 7 57.3	0.803	1.703	20.2	18.6
11 27	5 4.37	−12 7.4	0.782	1.685	20.0	18.5
12 7	4 57.59	−15 26.6	0.780	1.670	21.3	18.5
12 17	4 50.64	−17 37.8	0.794	1.657	23.7	18.6
12 27	4 45.31	−18 35.8	0.821	1.648	26.4	18.8
1 6	4 42.95	−18 27.6	0.860	1.642	29.0	18.9
1 16	4 44.27	−17 25.7	0.907	1.640	31.2	19.1
404363	2013 GW_{20}	12	7.5	287.°42	2.°8/ 7.9	17
11 7	5 24.37	+29 0.6	1.823	2.676	13.1	21.4
11 17	5 17.75	+29 31.6	1.740	2.661	9.6	21.2
11 27	5 8.57	+29 55.6	1.682	2.646	5.7	20.9
12 7	4 57.80	+30 9.7	1.651	2.631	2.8	20.7
12 17	4 46.72	+30 12.7	1.649	2.616	5.1	20.8
12 27	4 36.76	+30 6.2	1.675	2.601	9.1	21.0
1 6	4 29.10	+29 53.9	1.727	2.587	13.0	21.2
1 16	4 24.49	+29 40.1	1.799	2.572	16.3	21.4
411959	2012 HS_{36}	12	7.5	60.°18	2.°7/ 7.2	18
11 7	5 21.11	+13 27.6	2.156	3.009	11.4	20.6
11 17	5 14.77	+13 40.0	2.093	3.015	8.2	20.4
11 27	5 6.71	+13 57.9	2.056	3.020	4.8	20.2
12 7	4 57.71	+14 21.5	2.048	3.026	2.7	20.0
12 17	4 48.68	+14 50.5	2.069	3.032	4.7	20.2
12 27	4 40.59	+15 24.8	2.120	3.037	8.0	20.4
1 6	4 34.20	+16 3.7	2.197	3.043	11.1	20.6
1 16	4 30.02	+16 46.5	2.297	3.049	13.8	20.8
79672	1998 SM_{43}	12	7.5	64.°89	8.°2/ 9.2	18
11 7	5 30.17	+42 16.2	1.699	2.516	15.6	19.0
11 17	5 22.14	+43 23.5	1.646	2.528	12.6	18.8
11 27	5 10.93	+44 10.8	1.616	2.539	9.8	18.7
12 7	4 57.91	+44 31.7	1.611	2.551	8.3	18.6
12 17	4 44.88	+44 24.3	1.632	2.563	8.9	18.7
12 27	4 33.71	+43 52.4	1.679	2.575	11.2	18.9
1 6	4 25.71	+43 4.0	1.749	2.587	13.9	19.1
1 16	4 21.51	+42 7.7	1.841	2.599	16.5	19.3
473600	2015 XU_{258}	12	7.5	357.°33	0.°6/ 7.6	17
11 7	5 21.78	+24 12.6	1.911	2.771	12.3	21.4
11 17	5 15.55	+24 18.4	1.843	2.770	8.7	21.1
11 27	5 7.24	+24 20.4	1.799	2.769	4.7	20.9
12 7	4 57.75	+24 18.0	1.784	2.769	0.6	20.6
12 17	4 48.21	+24 11.7	1.798	2.769	4.1	20.9
12 27	4 39.79	+24 3.3	1.840	2.769	8.2	21.1
1 6	4 33.41	+23 55.5	1.908	2.769	11.9	21.3
1 16	4 29.64	+23 50.5	1.998	2.769	14.9	21.5
403357	2009 HP	12	7.5	244.°94	4.°5/ 6.7	18
11 7	5 22.75	+ 8 37.3	2.258	3.098	11.4	21.0
11 17	5 16.01	+ 8 28.3	2.172	3.081	8.6	20.8
11 27	5 7.44	+ 8 27.6	2.112	3.064	5.8	20.6
12 7	4 57.77	+ 8 36.9	2.080	3.046	4.5	20.5
12 17	4 47.90	+ 8 57.0	2.079	3.027	6.0	20.6
12 27	4 38.79	+ 9 28.1	2.107	3.008	9.0	20.7
1 6	4 31.28	+10 9.3	2.162	2.988	12.0	20.9
1 16	4 25.97	+10 58.9	2.239	2.967	14.7	21.0
351062	2003 SO_{335}	12	7.5	350.°54	1.°9/ 7.2	18
11 7	5 22.67	+17 45.7	1.508	2.378	14.4	20.5
11 17	5 16.54	+17 50.6	1.443	2.375	10.3	20.2
11 27	5 7.90	+17 58.4	1.402	2.372	5.6	20.0
12 7	4 57.80	+18 9.1	1.387	2.370	1.9	19.7
12 17	4 47.59	+18 23.2	1.400	2.369	5.4	19.9
12 27	4 38.70	+18 41.4	1.439	2.368	10.1	20.2
1 6	4 32.25	+19 4.5	1.503	2.367	14.3	20.5
1 16	4 28.87	+19 32.6	1.586	2.367	17.8	20.7
456880	2007 VM_{102}	12	7.5	11.°63	8.°1/ 5.9	16
11 7	5 39.81	+25 34.5	0.855	1.732	21.9	19.9
11 17	5 31.39	+29 23.9	0.802	1.732	16.3	19.6
11 27	5 17.08	+33 21.9	0.770	1.733	10.6	19.3
12 7	4 58.29	+37 1.9	0.764	1.735	8.1	19.2
12 17	4 37.99	+39 58.9	0.784	1.738	11.7	19.4
12 27	4 20.12	+42 3.5	0.827	1.742	17.3	19.7
1 6	4 7.71	+43 23.6	0.890	1.746	22.3	20.0
1 16	4 2.11	+44 13.9	0.967	1.751	26.4	20.3
274289	2008 QV_{12}	12	7.5	115.°42	0.°3/ 7.6	18
11 7	5 21.28	+24 7.5	2.507	3.357	10.1	21.6
11 17	5 14.70	+24 2.1	2.448	3.370	7.1	21.4
11 27	5 6.60	+23 53.2	2.415	3.384	3.7	21.2
12 7	4 57.73	+23 40.8	2.412	3.397	0.4	20.9
12 17	4 48.95	+23 25.8	2.440	3.410	3.3	21.2
12 27	4 41.10	+23 10.0	2.499	3.423	6.6	21.5
1 6	4 34.85	+22 55.5	2.584	3.435	9.5	21.7
1 16	4 30.64	+22 44.0	2.694	3.447	11.9	21.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
197442	2003 YV_{94}	12	7.5	310.°67	1.°2/ 7.3	18
	h m	° ′			°	m
11 7	5 20.46	+18 14.1	2.219	3.076	10.9	19.6
11 17	5 14.41	+18 26.4	2.145	3.071	7.7	19.3
11 27	5 6.59	+18 40.3	2.097	3.066	4.2	19.1
12 7	4 57.74	+18 55.8	2.077	3.061	1.2	18.9
12 17	4 48.78	+19 12.8	2.088	3.057	4.0	19.1
12 27	4 40.69	+19 31.8	2.128	3.052	7.6	19.3
1 6	4 34.26	+19 53.2	2.195	3.048	10.9	19.5
1 16	4 30.04	+20 17.6	2.285	3.043	13.6	19.7
272445	2005 UX_{12}	12	7.5	180.°90	1.°1/ 7.2	18
11 7	5 25.20	+21 18.1	1.747	2.606	13.3	21.5
11 17	5 18.01	+20 50.8	1.680	2.607	9.4	21.2
11 27	5 8.54	+20 20.3	1.638	2.608	5.0	21.0
12 7	4 57.85	+19 47.9	1.624	2.608	1.1	20.7
12 17	4 47.17	+19 16.2	1.639	2.608	4.8	21.0
12 27	4 37.79	+18 48.2	1.682	2.607	9.2	21.2
1 6	4 30.70	+18 26.9	1.751	2.606	13.1	21.5
1 16	4 26.43	+18 14.1	1.842	2.604	16.3	21.7
418588	2008 SO_{233}	12	7.5	149.°92	3.°1/ 8.4	17
11 7	5 23.08	+33 2.5	2.672	3.503	10.1	22.0
11 17	5 16.10	+33 28.3	2.604	3.509	7.5	21.8
11 27	5 7.42	+33 45.7	2.562	3.515	4.9	21.7
12 7	4 57.80	+33 52.7	2.549	3.521	3.1	21.6
12 17	4 48.14	+33 49.1	2.567	3.526	4.2	21.7
12 27	4 39.41	+33 36.4	2.615	3.531	6.8	21.8
1 6	4 32.35	+33 17.6	2.690	3.536	9.3	22.0
1 16	4 27.47	+32 56.2	2.790	3.540	11.6	22.2
407227	2009 WH_{9}	12	7.5	8.°34	0.°7/ 7.4	17
11 7	5 19.92	+20 55.0	1.635	2.506	13.4	19.8
11 17	5 14.44	+20 57.2	1.575	2.508	9.5	19.6
11 27	5 6.72	+20 58.6	1.539	2.510	5.0	19.4
12 7	4 57.77	+20 59.3	1.529	2.514	0.7	19.0
12 17	4 48.80	+20 59.9	1.547	2.518	4.6	19.4
12 27	4 41.08	+21 2.1	1.592	2.524	9.0	19.6
1 6	4 35.58	+21 7.5	1.662	2.530	13.0	19.9
1 16	4 32.85	+21 17.4	1.753	2.536	16.2	20.1
265172	2003 WY_{189}	12	7.5	68.°64	6.°7/10.5	18
11 7	5 28.06	+44 34.1	2.187	2.982	13.3	19.5
11 17	5 19.84	+44 46.5	2.138	3.005	10.7	19.4
11 27	5 9.39	+44 39.2	2.112	3.028	8.3	19.3
12 7	4 57.90	+44 9.8	2.113	3.051	6.8	19.3
12 17	4 46.77	+43 19.4	2.142	3.074	7.1	19.3
12 27	4 37.29	+42 12.5	2.200	3.096	8.9	19.5
1 6	4 30.33	+40 56.2	2.283	3.119	11.1	19.7
1 16	4 26.32	+39 37.3	2.389	3.142	13.3	19.8
450709	2006 YB_{31}	12	7.5	204.°72	4.°2/ 9.1	17
11 7	5 25.17	+36 58.7	2.329	3.152	11.7	21.0
11 17	5 17.79	+36 57.3	2.252	3.149	8.9	20.9
11 27	5 8.38	+36 42.2	2.200	3.146	6.1	20.7
12 7	4 57.87	+36 11.8	2.176	3.142	4.2	20.6
12 17	4 47.39	+35 26.8	2.182	3.138	5.1	20.6
12 27	4 38.08	+34 30.6	2.218	3.134	7.8	20.8
1 6	4 30.84	+33 28.6	2.280	3.129	10.7	20.9
1 16	4 26.19	+32 26.1	2.366	3.124	13.2	21.1
78499	2002 RQ_{74}	12	7.5	304.°22	5.°3/ 8.4	18
11 7	5 27.04	+33 34.9	1.351	2.208	16.6	19.2
11 17	5 20.39	+34 9.4	1.279	2.197	12.5	18.9
11 27	5 10.27	+34 29.6	1.228	2.186	8.3	18.6
12 7	4 57.98	+34 30.2	1.202	2.176	5.4	18.4
12 17	4 45.37	+34 9.8	1.202	2.165	7.2	18.5
12 27	4 34.49	+33 32.2	1.227	2.155	11.5	18.7
1 6	4 26.89	+32 45.3	1.275	2.145	15.9	19.0
1 16	4 23.36	+31 57.1	1.342	2.136	19.8	19.2
121936	2000 ER_{6}	12	7.5	208.°23	0.°3/ 7.4	18
11 7	5 25.48	+22 16.3	1.702	2.562	13.6	21.0
11 17	5 18.37	+22 12.0	1.631	2.559	9.6	20.7
11 27	5 8.84	+22 4.7	1.585	2.555	5.1	20.5
12 7	4 57.90	+21 54.3	1.566	2.552	0.4	20.1
12 17	4 46.88	+21 41.9	1.577	2.547	4.7	20.4
12 27	4 37.14	+21 29.7	1.616	2.543	9.3	20.7
1 6	4 29.75	+21 20.7	1.680	2.538	13.3	20.9
1 16	4 25.34	+21 17.1	1.765	2.533	16.7	21.1
81625	2000 HA_{75}	12	7.5	15.°57	5.°5/ 5.9	18
11 7	5 18.13	+ 9 27.9	1.870	2.728	12.6	18.0
11 17	5 12.82	+ 8 32.0	1.814	2.732	9.5	17.8
11 27	5 5.74	+ 7 43.8	1.783	2.736	6.6	17.6
12 7	4 57.75	+ 7 7.2	1.779	2.741	5.5	17.6
12 17	4 49.80	+ 6 45.3	1.803	2.747	7.2	17.7
12 27	4 42.90	+ 6 39.4	1.854	2.753	10.1	17.9
1 6	4 37.81	+ 6 49.0	1.928	2.760	13.1	18.1
1 16	4 35.00	+ 7 12.2	2.023	2.767	15.6	18.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
279588	2011 ER_3	12	7.5	15.°12	2.°8/ 8.2	17
	h m	° ′			°	m
11 7	5 21.81	+30 40.9	2.066	2.915	12.0	21.1
11 17	5 15.55	+30 56.0	1.999	2.916	8.8	20.9
11 27	5 7.25	+31 2.5	1.957	2.918	5.3	20.7
12 7	4 57.82	+30 58.6	1.942	2.920	2.8	20.6
12 17	4 48.37	+30 44.7	1.957	2.923	4.5	20.7
12 27	4 40.03	+30 23.0	2.000	2.926	7.9	20.9
1 6	4 33.73	+29 57.3	2.069	2.929	11.1	21.1
1 16	4 29.98	+29 31.4	2.161	2.932	13.9	21.3
125095	2001 UF_{30}	12	7.5	86.°76	3.°0/ 7.1	18
11 7	5 25.19	+15 25.6	1.519	2.383	14.7	19.7
11 17	5 18.07	+15 16.6	1.468	2.396	10.5	19.5
11 27	5 8.59	+15 12.1	1.442	2.409	6.0	19.3
12 7	4 57.89	+15 13.3	1.442	2.422	3.0	19.1
12 17	4 47.31	+15 21.1	1.470	2.435	5.8	19.3
12 27	4 38.22	+15 36.3	1.525	2.447	10.1	19.6
1 6	4 31.60	+15 58.9	1.604	2.460	14.0	19.9
1 16	4 27.96	+16 28.5	1.704	2.472	17.2	20.1
209976	2006 HQ_{39}	12	7.5	233.°45	0.°2/ 7.5	18
11 7	5 24.24	+22 7.8	1.874	2.731	12.6	20.6
11 17	5 17.40	+22 11.0	1.797	2.724	8.9	20.4
11 27	5 8.30	+22 12.0	1.746	2.716	4.7	20.1
12 7	4 57.89	+22 10.2	1.723	2.708	0.3	19.7
12 17	4 47.32	+22 6.4	1.730	2.700	4.3	20.0
12 27	4 37.86	+22 2.1	1.765	2.692	8.7	20.3
1 6	4 30.52	+21 59.7	1.826	2.683	12.5	20.5
1 16	4 25.92	+22 1.1	1.909	2.674	15.7	20.7
382636	2002 QP_{103}	12	7.5	56.°95	2.°4/ 7.2	18
11 7	5 26.23	+17 11.4	1.218	2.093	16.8	20.8
11 17	5 19.13	+17 10.5	1.177	2.110	11.9	20.6
11 27	5 9.23	+17 13.3	1.158	2.128	6.5	20.4
12 7	4 57.93	+17 20.2	1.164	2.147	2.4	20.2
12 17	4 46.89	+17 31.7	1.197	2.166	6.1	20.4
12 27	4 37.73	+17 48.9	1.255	2.184	11.1	20.8
1 6	4 31.55	+18 12.1	1.336	2.204	15.5	21.1
1 16	4 28.83	+18 41.2	1.436	2.223	19.0	21.4
508076	2015 DM_{46}	12	7.5	220.°43	5.°2/ 8.4	18
11 7	5 30.29	+34 9.8	1.599	2.440	15.2	21.2
11 17	5 22.32	+34 52.9	1.525	2.435	11.5	21.0
11 27	5 11.16	+35 22.8	1.475	2.428	7.7	20.7
12 7	4 58.04	+35 34.2	1.451	2.421	5.2	20.6
12 17	4 44.65	+35 25.3	1.455	2.414	6.8	20.6
12 27	4 32.84	+34 58.9	1.487	2.406	10.6	20.8
1 6	4 24.03	+34 21.9	1.542	2.398	14.5	21.1
1 16	4 18.97	+33 41.7	1.619	2.389	17.9	21.3
260579	2005 ES_{274}	12	7.5	260.°65	1.°8/ 7.2	18
11 7	5 25.50	+18 55.2	1.429	2.297	15.1	20.8
11 17	5 18.76	+18 44.1	1.357	2.288	10.8	20.5
11 27	5 9.19	+18 33.3	1.309	2.280	5.9	20.2
12 7	4 57.94	+18 23.8	1.287	2.271	1.8	20.0
12 17	4 46.48	+18 17.0	1.293	2.262	5.7	20.2
12 27	4 36.44	+18 15.2	1.325	2.253	10.8	20.5
1 6	4 29.06	+18 20.4	1.381	2.244	15.4	20.7
1 16	4 25.06	+18 33.6	1.456	2.234	19.2	20.9
412193	2013 GB_{101}	12	7.5	236.°47	3.°8/ 6.3	17
11 7	5 20.80	+12 5.8	2.267	3.116	11.0	22.0
11 17	5 14.59	+11 28.4	2.188	3.105	8.1	21.8
11 27	5 6.69	+10 55.2	2.135	3.094	5.2	21.6
12 7	4 57.82	+10 28.6	2.112	3.082	3.9	21.5
12 17	4 48.85	+10 10.9	2.118	3.070	5.6	21.6
12 27	4 40.72	+10 3.6	2.153	3.057	8.7	21.8
1 6	4 34.17	+10 7.2	2.214	3.044	11.7	22.0
1 16	4 29.74	+10 21.3	2.297	3.031	14.3	22.1
50096	2000 AM_{97}	12	7.5	324.°48	3.°9/ 8.4	18
11 7	5 21.83	+32 39.8	1.810	2.661	13.3	18.1
11 17	5 16.05	+33 1.3	1.726	2.643	10.0	17.8
11 27	5 7.74	+33 12.0	1.666	2.625	6.4	17.6
12 7	4 57.87	+33 9.1	1.633	2.608	4.0	17.4
12 17	4 47.73	+32 51.9	1.627	2.591	5.6	17.5
12 27	4 38.76	+32 22.9	1.649	2.575	9.2	17.7
1 6	4 32.11	+31 47.1	1.695	2.559	12.9	17.8
1 16	4 28.49	+31 9.8	1.763	2.544	16.2	18.0
50994	2000 GS_{94}	12	7.5	335.°75	5.°4/ 6.3	18
11 7	5 18.78	+ 6 47.3	2.169	3.014	11.6	18.6
11 17	5 13.17	+ 6 21.8	2.103	3.011	8.9	18.4
11 27	5 5.93	+ 6 5.8	2.062	3.009	6.4	18.3
12 7	4 57.79	+ 6 1.9	2.049	3.006	5.4	18.2
12 17	4 49.61	+ 6 11.3	2.064	3.004	6.7	18.3
12 27	4 42.29	+ 6 34.5	2.106	3.001	9.3	18.4
1 6	4 36.56	+ 7 10.0	2.174	2.999	12.0	18.6
1 16	4 32.90	+ 7 55.7	2.264	2.997	14.5	18.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
297806	2002 AQ_{31}	12	7.5	122.°51	13.°3/12.0	18
	h m	° ′			°	m
11 7	5 41.33	+51 12.6	1.225	2.020	21.7	19.7
11 17	5 31.42	+52 2.4	1.171	2.026	18.6	19.5
11 27	5 16.27	+52 14.8	1.136	2.033	15.6	19.4
12 7	4 58.30	+51 38.7	1.121	2.039	13.6	19.3
12 17	4 40.85	+50 12.4	1.128	2.045	13.6	19.3
12 27	4 27.05	+48 6.5	1.159	2.050	15.5	19.4
1 6	4 18.57	+45 39.8	1.211	2.055	18.4	19.6
1 16	4 15.67	+43 9.8	1.282	2.060	21.4	19.9
65593	2375 T_{-3}	12	7.5	74.°83	2.°6/ 8.1	18
11 7	5 27.85	+28 49.3	1.512	2.369	15.1	18.6
11 17	5 20.07	+29 3.9	1.466	2.390	10.8	18.4
11 27	5 9.67	+29 8.6	1.445	2.410	6.2	18.2
12 7	4 57.98	+29 1.5	1.450	2.431	2.6	18.0
12 17	4 46.56	+28 43.6	1.483	2.452	5.2	18.2
12 27	4 36.92	+28 18.6	1.543	2.472	9.5	18.5
1 6	4 30.10	+27 51.6	1.629	2.493	13.4	18.8
1 16	4 26.56	+27 27.1	1.735	2.513	16.6	19.1
210851	2001 QD_{275}	12	7.5	142.°69	1.°3/ 7.8	18
11 7	5 24.36	+26 15.4	2.166	3.014	11.5	20.9
11 17	5 17.18	+26 29.1	2.102	3.022	8.2	20.7
11 27	5 8.06	+26 37.6	2.063	3.030	4.5	20.5
12 7	4 57.90	+26 39.7	2.054	3.037	1.3	20.3
12 17	4 47.75	+26 35.7	2.075	3.044	3.9	20.5
12 27	4 38.69	+26 27.2	2.125	3.050	7.5	20.7
1 6	4 31.57	+26 16.9	2.203	3.057	10.8	20.9
1 16	4 26.91	+26 7.7	2.303	3.062	13.5	21.1
271254	2003 UT_{102}	12	7.5	35.°38	3.°5/ 8.1	17
11 7	5 23.58	+31 37.7	2.079	2.922	12.1	19.8
11 17	5 16.88	+32 19.0	2.013	2.926	9.0	19.7
11 27	5 8.02	+32 51.6	1.973	2.931	5.7	19.5
12 7	4 57.92	+33 12.8	1.961	2.935	3.6	19.3
12 17	4 47.72	+33 21.5	1.978	2.940	5.0	19.4
12 27	4 38.66	+33 19.1	2.024	2.944	8.1	19.6
1 6	4 31.68	+33 9.2	2.096	2.949	11.3	19.9
1 16	4 27.37	+32 55.6	2.190	2.954	14.0	20.1
73633	4702 T_{-3}	12	7.5	198.°88	5.°5/ 5.6	18
11 7	5 18.89	+ 6 29.5	2.339	3.180	11.0	20.0
11 17	5 13.13	+ 5 39.1	2.274	3.179	8.5	19.9
11 27	5 5.87	+ 4 56.9	2.236	3.177	6.3	19.7
12 7	4 57.81	+ 4 26.2	2.225	3.176	5.6	19.7
12 17	4 49.75	+ 4 9.3	2.243	3.175	6.8	19.8
12 27	4 42.50	+ 4 7.3	2.290	3.173	9.2	19.9
1 6	4 36.74	+ 4 19.6	2.361	3.171	11.7	20.1
1 16	4 32.93	+ 4 44.6	2.453	3.169	13.9	20.2
254108	2004 LS_{28}	12	7.5	149.°07	1.°3/ 7.1	18
11 7	5 21.46	+20 8.0	2.275	3.129	10.8	20.6
11 17	5 14.97	+19 37.4	2.209	3.134	7.6	20.4
11 27	5 6.84	+19 5.3	2.170	3.139	4.1	20.2
12 7	4 57.87	+18 33.0	2.160	3.144	1.3	20.0
12 17	4 48.95	+18 2.5	2.181	3.148	4.0	20.2
12 27	4 41.00	+17 36.2	2.232	3.153	7.5	20.5
1 6	4 34.75	+17 16.0	2.309	3.157	10.6	20.7
1 16	4 30.65	+17 3.2	2.410	3.160	13.2	20.9
247311	2001 TD_{125}	12	7.5	33.°98	3.°7/ 8.6	18
11 7	5 24.13	+32 54.2	1.543	2.398	15.0	19.7
11 17	5 17.56	+32 49.1	1.490	2.409	11.0	19.5
11 27	5 8.40	+32 29.5	1.460	2.421	6.8	19.3
12 7	4 57.94	+31 54.4	1.456	2.434	3.8	19.1
12 17	4 47.71	+31 6.0	1.480	2.447	5.5	19.2
12 27	4 39.16	+30 9.6	1.530	2.460	9.4	19.5
1 6	4 33.33	+29 11.7	1.605	2.475	13.2	19.8
1 16	4 30.68	+28 18.1	1.701	2.489	16.5	20.0
185975	2001 KE_{40}	12	7.5	202.°54	4.°5/ 6.5	18
11 7	5 24.65	+11 28.3	1.896	2.746	12.8	20.9
11 17	5 17.52	+10 54.4	1.825	2.741	9.5	20.7
11 27	5 8.32	+10 26.4	1.779	2.737	6.1	20.5
12 7	4 57.95	+10 6.9	1.761	2.731	4.5	20.4
12 17	4 47.51	+ 9 58.3	1.773	2.725	6.5	20.5
12 27	4 38.14	+10 1.8	1.812	2.718	9.9	20.7
1 6	4 30.76	+10 17.5	1.878	2.710	13.3	20.9
1 16	4 25.94	+10 44.2	1.964	2.702	16.2	21.1
196634	2003 SC_3	12	7.5	352.°12	1.°9/ 8.0	17
11 7	5 21.63	+28 28.9	2.105	2.956	11.7	19.8
11 17	5 15.39	+28 33.5	2.034	2.955	8.4	19.6
11 27	5 7.19	+28 30.7	1.989	2.955	4.8	19.4
12 7	4 57.90	+28 19.9	1.972	2.954	1.9	19.2
12 17	4 48.57	+28 1.7	1.984	2.953	4.1	19.3
12 27	4 40.30	+27 38.2	2.026	2.953	7.7	19.5
1 6	4 33.98	+27 13.1	2.093	2.953	11.0	19.7
1 16	4 30.13	+26 49.4	2.183	2.953	13.9	19.9

361855 2008 EX_1 12 7.5 235.°08 3.°7/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.74	+13 18.1	2.092	2.947	11.6	21.0
11 17	5 14.63	+12 37.4	2.020	2.941	8.5	20.8
11 27	5 6.75	+12 0.3	1.974	2.935	5.3	20.6
12 7	4 57.88	+11 29.5	1.957	2.929	3.7	20.4
12 17	4 48.97	+11 7.3	1.968	2.923	5.7	20.6
12 27	4 40.99	+10 55.7	2.009	2.917	8.9	20.7
1 6	4 34.74	+10 55.4	2.074	2.911	12.1	20.9
1 16	4 30.73	+11 5.9	2.162	2.904	14.8	21.1

172547 2003 UU_{60} 12 7.5 86.°65 2.°0/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.92	+17 41.5	1.388	2.250	15.9	19.6
11 17	5 21.39	+17 45.2	1.350	2.278	11.2	19.4
11 27	5 10.31	+17 51.0	1.336	2.305	6.0	19.2
12 7	4 58.06	+17 58.9	1.349	2.332	2.0	19.0
12 17	4 46.18	+18 9.4	1.390	2.359	5.6	19.3
12 27	4 36.18	+18 23.4	1.459	2.385	10.2	19.7
1 6	4 29.02	+18 41.9	1.552	2.410	14.3	20.0
1 16	4 25.15	+19 5.4	1.665	2.434	17.5	20.3

26951 1997 JZ_{15} 12 7.5 120.°82 2.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.44	+18 31.5	1.634	2.495	13.9	19.2
11 17	5 18.16	+17 51.5	1.578	2.506	9.8	19.0
11 27	5 8.64	+17 11.2	1.548	2.517	5.4	18.8
12 7	4 57.98	+16 32.9	1.545	2.527	2.4	18.6
12 17	4 47.48	+15 59.9	1.571	2.537	5.5	18.8
12 27	4 38.43	+15 35.0	1.625	2.546	9.7	19.1
1 6	4 31.73	+15 20.3	1.704	2.555	13.5	19.4
1 16	4 27.90	+15 16.4	1.803	2.564	16.7	19.6

100667 1997 WH_{40} 12 7.5 17.°17 0.°8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.16	+21 38.5	1.153	2.036	16.8	18.8
11 17	5 16.62	+21 25.9	1.103	2.042	11.9	18.6
11 27	5 8.09	+21 10.7	1.074	2.048	6.3	18.3
12 7	4 57.95	+20 53.9	1.070	2.055	0.9	18.0
12 17	4 47.92	+20 37.7	1.091	2.063	5.8	18.3
12 27	4 39.70	+20 25.2	1.136	2.073	11.2	18.7
1 6	4 34.50	+20 19.4	1.204	2.083	16.0	19.0
1 16	4 32.86	+20 21.9	1.290	2.095	19.8	19.3

485562 2011 UA_{163} 12 7.5 38.°15 1.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.62	+22 37.2	1.506	2.376	14.4	20.3
11 17	5 16.32	+21 49.6	1.454	2.387	10.1	20.1
11 27	5 7.70	+20 57.0	1.426	2.398	5.3	19.8
12 7	4 57.93	+20 2.5	1.425	2.410	1.1	19.5
12 17	4 48.38	+19 9.9	1.452	2.422	5.1	19.9
12 27	4 40.36	+18 23.8	1.506	2.435	9.7	20.2
1 6	4 34.79	+17 47.8	1.584	2.448	13.7	20.4
1 16	4 32.16	+17 23.6	1.682	2.461	17.0	20.7

230143 2001 QQ_{13} 12 7.5 32.°01 8.°2/ 9.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.81	+38 41.4	1.097	1.954	19.5	18.9
11 17	5 21.12	+39 28.4	1.058	1.970	15.2	18.7
11 27	5 10.60	+39 50.9	1.039	1.987	11.0	18.6
12 7	4 58.09	+39 43.1	1.042	2.005	8.3	18.5
12 17	4 45.96	+39 5.2	1.069	2.024	9.3	18.6
12 27	4 36.42	+38 5.1	1.119	2.044	12.7	18.8
1 6	4 30.81	+36 54.2	1.191	2.065	16.5	19.1
1 16	4 29.54	+35 42.7	1.281	2.086	19.9	19.4

227232 2005 SX_2 12 7.5 46.°14 1.°6/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.97	+25 32.7	1.160	2.036	17.4	19.2
11 17	5 19.88	+25 52.1	1.123	2.057	12.3	19.0
11 27	5 9.72	+26 4.3	1.107	2.078	6.7	18.7
12 7	4 58.05	+26 7.3	1.117	2.101	1.7	18.5
12 17	4 46.74	+26 1.9	1.152	2.124	5.6	18.8
12 27	4 37.56	+25 51.4	1.212	2.147	10.8	19.2
1 6	4 31.64	+25 40.6	1.295	2.171	15.3	19.5
1 16	4 29.43	+25 33.0	1.397	2.195	18.9	19.8

44070 1998 FP_{61} 12 7.5 128.°15 3.°6/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.89	+15 23.5	1.587	2.448	14.3	18.9
11 17	5 18.50	+14 39.8	1.533	2.459	10.3	18.6
11 27	5 8.84	+13 59.0	1.504	2.469	6.1	18.4
12 7	4 58.01	+13 24.2	1.502	2.480	3.7	18.3
12 17	4 47.34	+12 58.5	1.529	2.489	6.3	18.5
12 27	4 38.13	+12 44.3	1.583	2.498	10.3	18.7
1 6	4 31.31	+12 42.5	1.661	2.507	14.1	19.0
1 16	4 27.39	+12 52.5	1.759	2.515	17.2	19.2

520181 2014 DH_{53} 12 7.5 325.°03 0.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.08	+24 37.1	1.324	2.198	15.7	21.1
11 17	5 17.36	+24 36.7	1.252	2.186	11.3	20.8
11 27	5 8.61	+24 30.5	1.202	2.174	6.1	20.5
12 7	4 58.01	+24 17.7	1.177	2.162	0.8	20.1
12 17	4 47.15	+23 59.5	1.179	2.151	5.4	20.4
12 27	4 37.80	+23 39.1	1.206	2.141	10.9	20.6
1 6	4 31.31	+23 20.9	1.255	2.131	15.7	20.9
1 16	4 28.42	+23 8.6	1.324	2.122	19.7	21.1

40790 1999 TP_{32} 12 7.5 138.°38 0.°8/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.23	+21 31.8	1.881	2.738	12.6	20.0
11 17	5 17.21	+21 14.7	1.819	2.745	8.8	19.8
11 27	5 8.14	+20 55.0	1.782	2.752	4.7	19.6
12 7	4 57.98	+20 33.6	1.774	2.759	0.8	19.3
12 17	4 47.89	+20 12.0	1.795	2.765	4.3	19.6
12 27	4 39.03	+19 52.9	1.846	2.771	8.5	19.8
1 6	4 32.27	+19 38.6	1.922	2.776	12.1	20.1
1 16	4 28.13	+19 30.8	2.020	2.781	15.1	20.3

388961 2008 TX_{85} 12 7.5 173.°27 1.°1/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.04	+25 53.1	1.835	2.688	13.0	22.2
11 17	5 18.67	+25 56.3	1.767	2.690	9.3	22.0
11 27	5 8.99	+25 53.4	1.724	2.692	5.1	21.8
12 7	4 58.03	+25 43.6	1.709	2.693	1.2	21.5
12 17	4 47.05	+25 27.5	1.724	2.694	4.4	21.7
12 27	4 37.35	+25 7.8	1.768	2.695	8.6	22.0
1 6	4 29.94	+24 48.0	1.837	2.695	12.4	22.2
1 16	4 25.39	+24 31.4	1.928	2.694	15.6	22.4

163041 2001 XR_{203} 12 7.5 36.°55 3.°5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.43	+18 9.0	0.990	1.878	18.5	19.8
11 17	5 18.30	+17 19.4	0.949	1.889	13.2	19.5
11 27	5 8.97	+16 31.1	0.929	1.901	7.3	19.3
12 7	4 58.03	+15 48.6	0.932	1.914	3.5	19.1
12 17	4 47.40	+15 16.5	0.960	1.928	7.4	19.4
12 27	4 38.92	+14 58.7	1.010	1.942	12.8	19.7
1 6	4 33.76	+14 56.4	1.081	1.957	17.6	20.1
1 16	4 32.40	+15 8.6	1.169	1.973	21.5	20.4

103484 2000 AR_{227} 12 7.5 3.°33 4.°2/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.23	+31 56.3	1.216	2.084	17.3	19.3
11 17	5 19.06	+32 7.3	1.157	2.083	12.8	19.1
11 27	5 9.52	+32 3.1	1.119	2.083	7.9	18.8
12 7	4 58.07	+31 40.8	1.105	2.084	4.3	18.6
12 17	4 46.61	+31 1.3	1.116	2.085	6.5	18.7
12 27	4 37.12	+30 10.5	1.153	2.087	11.3	19.0
1 6	4 30.96	+29 16.5	1.211	2.090	15.9	19.3
1 16	4 28.76	+28 26.4	1.288	2.093	19.8	19.5

268208 2005 BR_{17} 12 7.5 317.°34 1.°8/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.84	+17 34.4	2.269	3.125	10.7	21.2
11 17	5 13.93	+17 21.9	2.200	3.125	7.6	21.0
11 27	5 6.37	+17 10.4	2.157	3.125	4.2	20.8
12 7	4 57.92	+17 1.1	2.143	3.125	1.8	20.6
12 17	4 49.43	+16 55.0	2.159	3.124	4.2	20.8
12 27	4 41.83	+16 53.4	2.204	3.124	7.6	21.0
1 6	4 35.84	+16 57.1	2.275	3.124	10.7	21.2
1 16	4 31.96	+17 6.8	2.369	3.124	13.3	21.4

72824 2001 HG_4 12 7.5 251.°89 2.°3/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.91	+16 37.7	2.642	3.492	9.6	20.0
11 17	5 13.86	+15 55.8	2.553	3.475	6.9	19.8
11 27	5 6.32	+15 13.8	2.492	3.457	4.0	19.5
12 7	4 57.93	+14 33.6	2.460	3.438	2.3	19.4
12 17	4 49.43	+13 57.5	2.460	3.420	4.3	19.5
12 27	4 41.64	+13 27.8	2.489	3.400	7.3	19.7
1 6	4 35.23	+13 6.1	2.546	3.381	10.2	19.8
1 16	4 30.67	+12 53.2	2.626	3.361	12.6	20.0

326785 2003 SH_{269} 12 7.5 74.°70 4.°0/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.59	+12 30.1	2.177	3.031	11.2	20.9
11 17	5 13.65	+11 36.1	2.122	3.041	8.2	20.7
11 27	5 6.17	+10 46.4	2.093	3.052	5.3	20.6
12 7	4 57.91	+10 4.1	2.092	3.062	4.0	20.5
12 17	4 49.75	+ 9 32.0	2.121	3.072	5.7	20.6
12 27	4 42.55	+ 9 11.8	2.179	3.082	8.6	20.8
1 6	4 37.00	+ 9 4.0	2.261	3.092	11.4	21.0
1 16	4 33.52	+ 9 7.9	2.366	3.102	13.8	21.2

21297 1996 VW_{29} 12 7.5 93.°20 1.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.87	+24 13.8	1.409	2.272	15.6	18.1
11 17	5 20.99	+24 35.2	1.360	2.288	11.1	17.9
11 27	5 10.30	+24 51.9	1.333	2.303	5.9	17.6
12 7	4 58.13	+25 1.8	1.334	2.319	1.1	17.3
12 17	4 46.12	+25 4.8	1.362	2.334	5.1	17.6
12 27	4 35.89	+25 3.3	1.418	2.348	10.0	18.0
1 6	4 28.58	+25 0.9	1.498	2.363	14.3	18.3
1 16	4 24.73	+25 0.7	1.598	2.377	17.7	18.5

237362 1993 FY_{31} 12 7.5 157.°99 2.°2/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.15	+29 13.1	2.282	3.122	11.3	21.0
11 17	5 18.46	+29 33.7	2.215	3.129	8.2	20.8
11 27	5 8.80	+29 46.9	2.174	3.136	4.8	20.6
12 7	4 58.06	+29 51.2	2.163	3.143	2.3	20.4
12 17	4 47.32	+29 46.3	2.182	3.148	4.1	20.6
12 27	4 37.66	+29 34.2	2.232	3.153	7.4	20.8
1 6	4 29.95	+29 17.9	2.308	3.158	10.5	21.0
1 16	4 24.73	+29 1.0	2.408	3.161	13.2	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
104538 2000 GJ_{56}		12 7.5	251.°70	0.°5/	7.6	18
	h m	° ′			°	m
11 7	5 25.94	+23 49.3	1.695	2.554	13.7	19.9
11 17	5 18.94	+23 55.9	1.614	2.541	9.8	19.6
11 27	5 9.32	+23 58.7	1.558	2.528	5.3	19.3
12 7	4 58.10	+23 56.4	1.529	2.514	0.6	18.9
12 17	4 46.61	+23 49.4	1.529	2.500	4.7	19.2
12 27	4 36.32	+23 39.8	1.557	2.486	9.5	19.5
1 6	4 28.42	+23 30.8	1.611	2.471	13.7	19.7
1 16	4 23.62	+23 25.5	1.685	2.456	17.3	19.9
13124 1994 PS		12 7.5	260.°37	7.°4/	5.9	18
11 7	5 23.21	+ 5 48.1	1.600	2.450	14.8	17.4
11 17	5 16.85	+ 4 59.8	1.530	2.439	11.5	17.2
11 27	5 8.14	+ 4 23.7	1.484	2.428	8.6	17.0
12 7	4 58.04	+ 4 4.7	1.463	2.417	7.4	16.9
12 17	4 47.77	+ 4 6.1	1.468	2.406	9.2	17.0
12 27	4 38.65	+ 4 28.6	1.500	2.394	12.4	17.1
1 6	4 31.73	+ 5 10.3	1.554	2.382	15.9	17.3
1 16	4 27.67	+ 6 7.5	1.628	2.370	18.9	17.5
418636 2008 TE_{51}		12 7.5	87.°25	3.°0/	8.2	17
11 7	5 22.86	+31 22.7	2.319	3.160	11.1	21.5
11 17	5 16.18	+31 49.3	2.254	3.167	8.2	21.3
11 27	5 7.61	+32 7.6	2.216	3.174	5.1	21.2
12 7	4 58.01	+32 15.9	2.205	3.181	3.0	21.0
12 17	4 48.38	+32 13.7	2.225	3.188	4.4	21.1
12 27	4 39.78	+32 2.8	2.274	3.195	7.3	21.3
1 6	4 33.04	+31 46.3	2.349	3.202	10.3	21.5
1 16	4 28.69	+31 27.9	2.448	3.209	12.8	21.7
396380 2014 DC_{115}		12 7.5	339.°05	4.°2/	8.3	18
11 7	5 24.06	+31 17.2	1.251	2.120	16.8	20.4
11 17	5 18.34	+31 38.1	1.183	2.110	12.5	20.1
11 27	5 9.25	+31 45.8	1.137	2.102	7.7	19.8
12 7	4 58.10	+31 36.8	1.115	2.094	4.2	19.6
12 17	4 46.73	+31 10.8	1.118	2.087	6.6	19.7
12 27	4 37.14	+30 32.1	1.147	2.081	11.4	20.0
1 6	4 30.77	+29 48.3	1.197	2.076	16.1	20.2
1 16	4 28.38	+29 6.2	1.266	2.071	20.1	20.5
316364 2010 SJ_{19}		12 7.5	47.°06	0.°4/	7.6	17
11 7	5 22.75	+23 33.5	1.813	2.674	12.8	21.0
11 17	5 16.33	+23 39.5	1.752	2.680	9.0	20.8
11 27	5 7.76	+23 41.9	1.716	2.686	4.8	20.5
12 7	4 58.03	+23 40.5	1.707	2.692	0.5	20.2
12 17	4 48.30	+23 35.7	1.728	2.699	4.2	20.5
12 27	4 39.80	+23 29.4	1.776	2.705	8.4	20.8
1 6	4 33.45	+23 24.0	1.850	2.712	12.1	21.0
1 16	4 29.80	+23 21.8	1.946	2.719	15.2	21.3
182348 2001 QB_{35}		12 7.6	90.°18	0.°7/	7.7	18
11 7	5 28.82	+24 45.4	1.578	2.435	14.6	20.7
11 17	5 20.56	+24 45.5	1.535	2.461	10.3	20.5
11 27	5 9.92	+24 39.8	1.517	2.486	5.4	20.3
12 7	4 58.15	+24 27.8	1.526	2.511	0.8	20.0
12 17	4 46.72	+24 10.8	1.564	2.535	4.6	20.4
12 27	4 36.99	+23 52.0	1.631	2.559	9.1	20.7
1 6	4 29.92	+23 35.0	1.722	2.582	13.0	21.0
1 16	4 25.96	+23 22.7	1.835	2.604	16.1	21.3
320107 2007 ET_{132}		12 7.6	19.°38	0.°9/	7.8	18
11 7	5 21.95	+25 19.9	1.829	2.690	12.7	20.5
11 17	5 15.80	+25 21.5	1.765	2.692	9.0	20.3
11 27	5 7.51	+25 17.9	1.726	2.695	4.9	20.1
12 7	4 58.04	+25 8.6	1.714	2.698	1.0	19.8
12 17	4 48.56	+24 54.6	1.731	2.702	4.2	20.0
12 27	4 40.29	+24 38.1	1.776	2.706	8.4	20.3
1 6	4 34.15	+24 22.2	1.846	2.710	12.1	20.5
1 16	4 30.70	+24 9.6	1.938	2.714	15.1	20.7
85163 1988 SQ_2		12 7.6	15.°69	3.°7/	6.5	17
11 7	5 16.51	+12 0.6	2.235	3.092	10.8	18.2
11 17	5 11.56	+11 28.7	2.178	3.099	7.9	18.0
11 27	5 5.12	+11 2.1	2.147	3.106	5.1	17.8
12 7	4 57.92	+10 42.9	2.143	3.114	3.7	17.8
12 17	4 50.76	+10 32.8	2.169	3.122	5.4	17.9
12 27	4 44.46	+10 33.0	2.222	3.132	8.2	18.1
1 6	4 39.68	+10 43.2	2.301	3.141	10.9	18.3
1 16	4 36.84	+11 2.6	2.403	3.151	13.3	18.5
45493 2000 AE_{241}		12 7.6	300.°53	2.°9/	6.6	18
11 7	5 19.61	+16 10.5	2.065	2.925	11.5	18.1
11 17	5 13.97	+15 26.0	1.986	2.912	8.3	17.9
11 27	5 6.51	+14 42.3	1.933	2.899	4.9	17.7
12 7	4 58.01	+14 2.0	1.908	2.886	2.9	17.5
12 17	4 49.41	+13 27.9	1.913	2.873	5.2	17.6
12 27	4 41.72	+13 2.6	1.945	2.861	8.7	17.8
1 6	4 35.75	+12 47.8	2.004	2.848	12.1	18.0
1 16	4 32.05	+12 43.9	2.083	2.836	15.0	18.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V	
293853 2007 RU_{236}		12 7.6	111.°22	5.°6/	6.3	18	
	h m	° ′			°	m	
11 7	5 22.79	+ 8 44.2	1.816	2.666	13.3	21.0	
11 17	5 16.14	+ 8 3.5	1.763	2.677	10.0	20.8	
11 27	5 7.59	+ 7 32.0	1.735	2.687	6.9	20.7	
12 7	4 58.06	+ 7 12.8	1.735	2.697	5.6	20.6	
12 17	4 48.63	+ 7 8.2	1.762	2.707	7.2	20.7	
12 27	4 40.37	+ 7 18.6	1.817	2.717	10.3	20.9	
1 6	4 34.11	+ 7 43.1	1.896	2.726	13.3	21.1	
1 16	4 30.32	+ 8 19.2	1.996	2.735	16.0	21.4	
130361 2000 GN_{86}		12 7.6	243.°45	4.°0/	6.5	18	
11 7	5 19.28	+ 8 31.4	2.787	3.624	9.6	21.1	
11 17	5 13.37	+ 8 15.0	2.702	3.610	7.2	20.9	
11 27	5 6.08	+ 8 5.1	2.645	3.595	5.0	20.7	
12 7	4 58.00	+ 8 3.3	2.617	3.579	4.0	20.6	
12 17	4 49.79	+ 8 10.6	2.619	3.563	5.2	20.7	
12 27	4 42.19	+ 8 27.5	2.651	3.547	7.6	20.8	
1 6	4 35.84	+ 8 53.6	2.710	3.530	10.1	21.0	
1 16	4 31.21	+ 9 27.8	2.792	3.513	12.3	21.1	
133657 2003 US_{169}		12 7.6	337.°87	1.°5/	7.3	18	
11 7	5 20.24	+18 21.0	1.909	2.772	12.1	19.3	
11 17	5 14.57	+18 22.8	1.836	2.765	8.6	19.1	
11 27	5 6.89	+18 26.1	1.789	2.758	4.7	18.9	
12 7	4 58.04	+18 31.3	1.769	2.752	1.5	18.6	
12 17	4 49.08	+18 38.9	1.778	2.747	4.5	18.8	
12 27	4 41.10	+18 49.8	1.815	2.742	8.5	19.1	
1 6	4 35.03	+19 4.9	1.878	2.737	12.1	19.3	
1 16	4 31.43	+19 24.7	1.962	2.733	15.2	19.5	
474764 2005 QS_{81}		12 7.6	88.°93	0.°7/	7.7	16	
11 7	5 28.59	+24 37.5	1.517	2.377	14.9	21.6	
11 17	5 20.54	+24 40.6	1.472	2.399	10.5	21.4	
11 27	5 9.98	+24 38.0	1.452	2.421	5.6	21.2	
12 7	4 58.20	+24 29.0	1.459	2.443	0.8	20.9	
12 17	4 46.72	+24 14.8	1.494	2.465	4.8	21.2	
12 27	4 36.98	+23 58.5	1.557	2.486	9.4	21.6	
1 6	4 29.96	+23 43.7	1.645	2.507	13.4	21.9	
1 16	4 26.14	+23 33.4	1.754	2.527	16.6	22.1	
82094 2001 EN_{17}		12 7.6	246.°18	14.°3/	4.5	18	
11 7	5 24.84	−14 53.2	1.801	2.558	17.1	19.2	
11 17	5 17.87	−15 58.9	1.738	2.544	15.6	19.1	
11 27	5 8.66	−16 36.0	1.694	2.529	14.6	19.0	
12 7	4 58.14	−16 37.5	1.672	2.514	14.4	18.9	
12 17	4 47.46	−15 59.9	1.673	2.498	15.1	18.9	
12 27	4 37.85	−14 44.5	1.695	2.481	16.6	19.0	
1 6	4 30.32	−12 57.3	1.738	2.464	18.4	19.1	
1 16	4 25.48	−10 46.5	1.798	2.447	20.3	19.2	
286256 2001 UE_{227}		12 7.6	60.°88	4.°4/	6.6	18	
11 7	5 21.53	+12 2.5	1.765	2.624	13.2	20.8	
11 17	5 15.32	+11 28.5	1.713	2.635	9.6	20.6	
11 27	5 7.18	+11 1.0	1.686	2.646	6.1	20.4	
12 7	4 58.06	+10 42.6	1.685	2.657	4.4	20.3	
12 17	4 49.03	+10 35.5	1.714	2.669	6.4	20.5	
12 27	4 41.20	+10 40.6	1.769	2.680	9.7	20.7	
1 6	4 35.39	+10 57.5	1.849	2.692	13.0	20.9	
1 16	4 32.08	+11 24.7	1.949	2.703	15.8	21.2	
24151 1999 VR_{184}		12 7.6	342.°29	2.°3/	7.1	18	
11 7	5 18.44	+18 23.3	1.472	2.350	14.2	18.5	
11 17	5 13.78	+18 1.1	1.399	2.334	10.2	18.2	
11 27	5 6.65	+17 39.5	1.349	2.320	5.6	17.9	
12 7	4 58.04	+17 20.4	1.324	2.307	2.3	17.7	
12 17	4 49.22	+17 6.2	1.326	2.295	5.6	17.9	
12 27	4 41.62	+16 59.3	1.353	2.284	10.4	18.1	
1 6	4 36.33	+17 1.4	1.404	2.275	14.7	18.3	
1 16	4 34.05	+17 13.0	1.474	2.267	18.4	18.6	
122007 2000 GC_7		12 7.6	129.°33	1.°2/	7.8	18	R
11 7	5 27.50	+25 47.9	1.786	2.638	13.4	20.0	
11 17	5 19.67	+25 54.9	1.728	2.651	9.5	19.8	
11 27	5 9.54	+25 55.9	1.695	2.663	5.2	19.6	
12 7	4 58.20	+25 49.8	1.691	2.675	1.2	19.4	
12 17	4 46.95	+25 37.2	1.716	2.686	4.4	19.6	
12 27	4 37.12	+25 20.7	1.770	2.697	8.6	19.9	
1 6	4 29.67	+25 4.0	1.849	2.707	12.4	20.1	
1 16	4 25.15	+24 50.1	1.951	2.716	15.4	20.4	
415571 2014 QB_{265}		12 7.6	13.°67	10.°8/	6.9	18	
11 7	5 19.00	− 4 4.2	1.537	2.366	16.4	19.8	
11 17	5 13.74	− 4 34.7	1.493	2.373	13.7	19.6	
11 27	5 6.42	− 4 40.6	1.469	2.381	11.6	19.5	
12 7	4 58.03	− 4 17.7	1.469	2.390	10.8	19.5	
12 17	4 49.71	− 3 25.5	1.493	2.400	11.6	19.6	
12 27	4 42.64	− 2 6.9	1.541	2.411	13.7	19.7	
1 6	4 37.69	− 0 28.2	1.611	2.423	16.1	19.9	
1 16	4 35.35	+ 1 23.8	1.700	2.437	18.4	20.1	

152202 2005 QE_{143} 12 7.6 17.°52 6.°8/ 5.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 18.74	+11 34.6	1.286	2.164	15.8	18.8
11 17	5 13.78	+ 9 56.4	1.244	2.173	11.8	18.6
11 27	5 6.48	+ 8 26.4	1.226	2.185	8.1	18.4
12 7	4 58.04	+ 7 12.0	1.232	2.197	6.8	18.4
12 17	4 49.81	+ 6 19.1	1.263	2.211	9.1	18.5
12 27	4 43.11	+ 5 50.9	1.319	2.226	12.7	18.8
1 6	4 38.85	+ 5 46.3	1.396	2.243	16.2	19.1
1 16	4 37.48	+ 6 2.0	1.491	2.260	19.2	19.3

217874 2001 QQ_{208} 12 7.6 55.°32 0.°3/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 23.20	+21 45.9	1.753	2.616	13.1	20.2
11 17	5 16.70	+21 49.6	1.693	2.622	9.2	20.0
11 27	5 8.02	+21 51.4	1.658	2.629	4.9	19.7
12 7	4 58.14	+21 51.1	1.650	2.635	0.4	19.4
12 17	4 48.27	+21 49.4	1.671	2.642	4.4	19.7
12 27	4 39.67	+21 47.9	1.720	2.649	8.7	20.0
1 6	4 33.25	+21 48.7	1.795	2.656	12.5	20.2
1 16	4 29.59	+21 53.4	1.891	2.664	15.6	20.5

303631 2005 JK_{86} 12 7.6 66.°01 0.°2/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 23.63	+22 13.7	1.738	2.600	13.2	20.6
11 17	5 17.01	+22 16.2	1.679	2.607	9.3	20.4
11 27	5 8.18	+22 16.3	1.643	2.614	4.9	20.2
12 7	4 58.15	+22 13.8	1.636	2.621	0.3	19.8
12 17	4 48.14	+22 9.3	1.657	2.628	4.4	20.2
12 27	4 39.41	+22 4.8	1.706	2.635	8.7	20.5
1 6	4 32.91	+22 2.5	1.781	2.642	12.5	20.7
1 16	4 29.20	+22 4.3	1.877	2.649	15.7	20.9

294965 2008 DS_{88} 12 7.6 68.°65 1.°3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 22.01	+19 56.7	1.902	2.763	12.3	20.9
11 17	5 15.72	+19 38.9	1.838	2.766	8.7	20.7
11 27	5 7.46	+19 20.2	1.799	2.769	4.7	20.5
12 7	4 58.12	+19 1.6	1.788	2.772	1.3	20.3
12 17	4 48.80	+18 44.7	1.806	2.775	4.4	20.5
12 27	4 40.60	+18 31.7	1.853	2.778	8.4	20.7
1 6	4 34.39	+18 24.3	1.925	2.781	12.0	21.0
1 16	4 30.68	+18 23.7	2.019	2.784	15.0	21.2

179144 2001 SS_{344} 12 7.6 165.°18 2.°7/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 24.88	+31 43.9	2.242	3.080	11.6	20.3
11 17	5 17.63	+31 41.6	2.172	3.084	8.5	20.1
11 27	5 8.43	+31 29.3	2.128	3.087	5.2	19.9
12 7	4 58.20	+31 6.0	2.112	3.090	2.7	19.8
12 17	4 48.00	+30 32.6	2.127	3.093	4.2	19.9
12 27	4 38.94	+29 52.1	2.171	3.095	7.5	20.1
1 6	4 31.87	+29 9.0	2.243	3.096	10.6	20.3
1 16	4 27.30	+28 27.3	2.338	3.098	13.3	20.5

117698 2005 ED_{290} 12 7.6 137.°10 1.°7/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 23.09	+18 37.4	1.942	2.800	12.2	20.8
11 17	5 16.42	+18 19.9	1.879	2.806	8.6	20.6
11 27	5 7.81	+18 2.6	1.842	2.811	4.7	20.4
12 7	4 58.16	+17 46.7	1.833	2.816	1.7	20.2
12 17	4 48.54	+17 33.5	1.853	2.821	4.6	20.4
12 27	4 40.04	+17 25.0	1.903	2.825	8.4	20.6
1 6	4 33.51	+17 22.7	1.978	2.829	11.9	20.9
1 16	4 29.46	+17 27.3	2.075	2.833	14.8	21.1

329405 2002 CW_{218} 12 7.6 274.°77 3.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 25.64	+16 15.3	1.427	2.294	15.2	21.4
11 17	5 19.10	+15 50.2	1.345	2.274	11.1	21.1
11 27	5 9.63	+15 27.2	1.285	2.253	6.4	20.8
12 7	4 58.28	+15 8.8	1.251	2.232	3.3	20.6
12 17	4 46.50	+14 57.5	1.245	2.210	6.6	20.7
12 27	4 35.97	+14 55.8	1.265	2.189	11.6	20.9
1 6	4 28.03	+15 5.3	1.308	2.166	16.4	21.1
1 16	4 23.51	+15 26.3	1.370	2.144	20.4	21.4

148432 2000 WS_{176} 12 7.6 117.°75 0.°3/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 22.54	+23 39.6	2.094	2.949	11.6	20.4
11 17	5 16.02	+23 42.9	2.028	2.953	8.2	20.2
11 27	5 7.61	+23 42.8	1.987	2.957	4.4	19.9
12 7	4 58.16	+23 39.1	1.976	2.961	0.4	19.6
12 17	4 48.69	+23 32.3	1.994	2.965	3.8	19.9
12 27	4 40.28	+23 24.1	2.042	2.969	7.6	20.2
1 6	4 33.75	+23 16.8	2.116	2.973	11.0	20.4
1 16	4 29.64	+23 12.4	2.212	2.976	13.9	20.6

127763 2003 FO_{38} 12 7.6 59.°19 0.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 26.57	+25 4.4	1.356	2.224	15.8	19.3
11 17	5 19.33	+24 54.7	1.313	2.244	11.1	19.0
11 27	5 9.43	+24 38.2	1.294	2.265	5.9	18.8
12 7	4 58.25	+24 15.2	1.301	2.285	0.8	18.5
12 17	4 47.40	+23 47.8	1.334	2.306	5.0	18.9
12 27	4 38.40	+23 20.2	1.395	2.327	9.9	19.2
1 6	4 32.26	+22 56.4	1.479	2.349	14.1	19.5
1 16	4 29.45	+22 39.3	1.584	2.370	17.6	19.8

18126 2000 OU_3 12 7.6 174.°19 2.°1/ 6.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.62	+17 3.8	2.441	3.291	10.3	19.0
11 17	5 15.09	+16 33.2	2.372	3.294	7.3	18.8
11 27	5 7.02	+16 3.2	2.330	3.296	4.2	18.6
12 7	4 58.13	+15 35.4	2.317	3.297	2.1	18.5
12 17	4 49.25	+15 11.6	2.336	3.299	4.2	18.6
12 27	4 41.25	+14 53.7	2.385	3.299	7.4	18.8
1 6	4 34.80	+14 42.8	2.460	3.299	10.3	19.0
1 16	4 30.36	+14 39.7	2.559	3.299	12.8	19.2

132431 2002 GF_{160} 12 7.6 109.°54 3.°5/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 24.06	+13 43.4	1.952	2.804	12.4	20.4
11 17	5 16.91	+13 9.9	1.903	2.823	8.9	20.3
11 27	5 7.97	+12 40.8	1.880	2.842	5.4	20.1
12 7	4 58.18	+12 18.3	1.885	2.860	3.5	20.0
12 17	4 48.55	+12 4.3	1.920	2.877	5.6	20.2
12 27	4 40.12	+12 0.1	1.984	2.894	8.9	20.4
1 6	4 33.64	+12 6.0	2.073	2.911	12.0	20.6
1 16	4 29.56	+12 21.2	2.184	2.927	14.7	20.8

279322 2009 XN_{13} 12 7.6 321.°84 1.°6/ 7.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 19.88	+19 52.6	2.124	2.984	11.2	20.6
11 17	5 14.11	+19 14.7	2.052	2.979	7.9	20.4
11 27	5 6.59	+18 35.0	2.005	2.974	4.3	20.2
12 7	4 58.11	+17 55.4	1.987	2.970	1.6	20.0
12 17	4 49.60	+17 18.3	1.999	2.965	4.3	20.1
12 27	4 42.06	+16 46.5	2.039	2.961	8.0	20.4
1 6	4 36.24	+16 22.3	2.106	2.957	11.3	20.6
1 16	4 32.66	+16 6.8	2.194	2.953	14.1	20.8

34504 2000 SJ_{158} 12 7.6 251.°92 0.°4/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 22.03	+21 33.0	2.037	2.894	11.7	19.1
11 17	5 15.73	+21 32.3	1.967	2.893	8.3	18.9
11 27	5 7.49	+21 29.8	1.922	2.892	4.4	18.6
12 7	4 58.16	+21 25.8	1.906	2.891	0.5	18.3
12 17	4 48.77	+21 20.8	1.920	2.890	4.0	18.6
12 27	4 40.40	+21 16.4	1.962	2.889	7.9	18.8
1 6	4 33.91	+21 14.5	2.031	2.888	11.4	19.0
1 16	4 29.85	+21 16.6	2.122	2.887	14.4	19.2

441478 2008 RP_{128} 12 7.6 278.°49 3.°4/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 26.44	+31 23.3	1.563	2.417	14.9	20.8
11 17	5 19.59	+31 31.0	1.487	2.407	11.0	20.6
11 27	5 9.81	+31 26.4	1.434	2.397	6.7	20.3
12 7	4 58.29	+31 7.0	1.407	2.386	3.5	20.1
12 17	4 46.58	+30 32.9	1.408	2.376	5.6	20.2
12 27	4 36.35	+29 48.5	1.436	2.365	10.0	20.4
1 6	4 28.89	+29 0.1	1.488	2.355	14.3	20.6
1 16	4 24.90	+28 14.0	1.561	2.345	17.9	20.8

113196 2002 RJ_{108} 12 7.6 83.°65 3.°9/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 29.17	+31 23.2	1.865	2.706	13.4	19.0
11 17	5 20.93	+32 19.1	1.817	2.729	9.9	18.8
11 27	5 10.27	+33 4.9	1.795	2.752	6.2	18.7
12 7	4 58.32	+33 36.8	1.801	2.774	3.9	18.6
12 17	4 46.46	+33 53.3	1.836	2.796	5.4	18.7
12 27	4 36.07	+33 56.4	1.900	2.818	8.7	18.9
1 6	4 28.17	+33 50.3	1.990	2.840	11.9	19.2
1 16	4 23.31	+33 39.8	2.101	2.861	14.6	19.4

280902 2005 XK_{62} 12 7.6 11.°21 1.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 25.96	+23 31.6	1.423	2.290	15.3	20.3
11 17	5 19.23	+24 4.9	1.360	2.291	10.9	20.0
11 27	5 9.61	+24 35.8	1.321	2.291	5.9	19.8
12 7	4 58.29	+25 1.6	1.308	2.293	1.1	19.4
12 17	4 46.83	+25 21.0	1.322	2.294	5.1	19.7
12 27	4 36.88	+25 35.0	1.363	2.296	10.2	20.0
1 6	4 29.71	+25 46.4	1.428	2.297	14.6	20.3
1 16	4 25.99	+25 58.0	1.513	2.300	18.2	20.6

124971 2001 TJ_{109} 12 7.6 13.°47 4.°9/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 26.24	+33 31.9	1.332	2.191	16.6	18.7
11 17	5 19.69	+33 52.3	1.273	2.193	12.5	18.5
11 27	5 9.91	+33 56.9	1.236	2.195	8.0	18.2
12 7	4 58.31	+33 42.4	1.223	2.197	5.0	18.1
12 17	4 46.71	+33 8.9	1.236	2.201	6.7	18.2
12 27	4 37.00	+32 21.7	1.274	2.204	10.9	18.4
1 6	4 30.49	+31 28.6	1.336	2.208	15.1	18.7
1 16	4 27.78	+30 37.0	1.417	2.213	18.8	18.9

168573 1999 XZ_{141} 12 7.6 42.°77 6.°1/10.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 36.14	+41 12.4	0.948	1.800	22.3	18.5
11 17	5 27.21	+39 45.3	0.892	1.805	17.2	18.2
11 27	5 13.84	+37 36.2	0.855	1.810	11.4	18.0
12 7	4 58.51	+34 45.2	0.841	1.816	6.6	17.7
12 17	4 44.09	+31 25.3	0.853	1.822	7.8	17.8
12 27	4 33.08	+27 59.3	0.891	1.829	13.3	18.1
1 6	4 26.71	+24 49.7	0.951	1.836	18.7	18.5
1 16	4 25.14	+22 9.6	1.031	1.843	23.2	18.8

31488 1999 CM_{53} 12 7.6 198.°84 3.°1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.07	+13 49.4	2.020	2.874	12.0	18.7
11 17	5 15.70	+13 38.6	1.951	2.873	8.7	18.5
11 27	5 7.46	+13 32.3	1.908	2.872	5.2	18.3
12 7	4 58.18	+13 32.1	1.894	2.871	3.1	18.2
12 17	4 48.83	+13 38.7	1.908	2.869	5.2	18.3
12 27	4 40.46	+13 53.1	1.952	2.868	8.7	18.5
1 6	4 33.91	+14 15.0	2.021	2.866	12.0	18.7
1 16	4 29.71	+14 44.0	2.112	2.864	14.8	18.9

77806 2001 QU_{123} 12 7.6 289.°65 7.°9/ 9.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.36	+43 4.5	1.862	2.673	14.7	18.7
11 17	5 21.05	+43 50.9	1.783	2.661	12.0	18.5
11 27	5 10.65	+44 18.4	1.727	2.648	9.5	18.3
12 7	4 58.36	+44 21.4	1.696	2.636	8.0	18.2
12 17	4 45.79	+43 57.6	1.692	2.624	8.5	18.2
12 27	4 34.73	+43 10.1	1.714	2.612	10.8	18.3
1 6	4 26.55	+42 6.2	1.760	2.601	13.7	18.5
1 16	4 21.99	+40 54.7	1.827	2.589	16.5	18.7

23621 1996 PA 12 7.6 106.°90 13.°8/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 33.19	− 8 22.4	1.314	2.114	20.2	18.8
11 17	5 23.59	− 9 20.3	1.289	2.144	17.2	18.7
11 27	5 11.51	− 9 45.0	1.285	2.174	14.8	18.7
12 7	4 58.40	− 9 30.9	1.304	2.202	13.8	18.7
12 17	4 45.85	− 8 38.3	1.347	2.229	14.5	18.8
12 27	4 35.31	− 7 12.7	1.413	2.254	16.4	19.0
1 6	4 27.72	− 5 23.5	1.500	2.278	18.7	19.2
1 16	4 23.44	− 3 20.3	1.605	2.301	20.8	19.5

401616 2013 GK_{50} 12 7.6 166.°16 0.°2/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.24	+23 8.4	2.091	2.945	11.6	21.7
11 17	5 16.56	+23 15.8	2.022	2.947	8.2	21.4
11 27	5 7.93	+23 20.3	1.979	2.949	4.4	21.2
12 7	4 58.22	+23 21.6	1.965	2.950	0.4	20.9
12 17	4 48.46	+23 19.9	1.981	2.951	3.9	21.2
12 27	4 39.73	+23 16.7	2.026	2.952	7.7	21.4
1 6	4 32.90	+23 14.1	2.097	2.953	11.2	21.7
1 16	4 28.51	+23 14.1	2.191	2.954	14.0	21.9

197303 2003 WS_{131} 12 7.6 284.°50 0.°5/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.69	+25 33.1	2.305	3.157	10.7	20.1
11 17	5 14.72	+25 15.3	2.220	3.144	7.7	19.9
11 27	5 6.96	+24 51.9	2.162	3.131	4.1	19.6
12 7	4 58.18	+24 23.2	2.132	3.117	0.6	19.3
12 17	4 49.29	+23 50.7	2.133	3.104	3.6	19.5
12 27	4 41.29	+23 17.0	2.163	3.090	7.3	19.8
1 6	4 34.98	+22 45.1	2.220	3.077	10.6	19.9
1 16	4 30.89	+22 17.6	2.301	3.064	13.4	20.1

383148 2005 UZ_{265} 12 7.6 137.°71 0.°4/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.83	+21 42.7	1.844	2.698	12.9	21.9
11 17	5 19.15	+21 43.3	1.785	2.709	9.1	21.7
11 27	5 9.30	+21 41.6	1.751	2.721	4.8	21.5
12 7	4 58.31	+21 37.5	1.746	2.731	0.4	21.2
12 17	4 47.39	+21 31.6	1.771	2.741	4.3	21.5
12 27	4 37.77	+21 26.0	1.825	2.750	8.5	21.8
1 6	4 30.38	+21 22.7	1.905	2.759	12.2	22.0
1 16	4 25.74	+21 23.8	2.007	2.767	15.2	22.3

53129 1999 AY_{29} 12 7.6 5.°12 1.°4/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.28	+19 25.6	1.688	2.553	13.4	19.1
11 17	5 16.17	+19 18.9	1.623	2.553	9.5	18.9
11 27	5 7.83	+19 12.4	1.583	2.554	5.1	18.7
12 7	4 58.23	+19 6.6	1.570	2.554	1.4	18.4
12 17	4 48.58	+19 2.8	1.585	2.555	4.8	18.6
12 27	4 40.15	+19 2.4	1.628	2.556	9.2	18.9
1 6	4 33.92	+19 7.2	1.696	2.558	13.1	19.2
1 16	4 30.46	+19 17.9	1.784	2.559	16.3	19.4

256603 2007 VW_{30} 12 7.6 223.°01 2.°0/ 8.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.42	+28 17.6	1.441	2.301	15.6	20.4
11 17	5 21.02	+28 11.0	1.371	2.296	11.3	20.1
11 27	5 10.59	+27 53.6	1.324	2.291	6.4	19.8
12 7	4 58.40	+27 24.2	1.303	2.286	2.1	19.5
12 17	4 46.12	+26 44.3	1.310	2.281	5.3	19.7
12 27	4 35.50	+25 58.8	1.344	2.275	10.4	20.0
1 6	4 27.82	+25 14.0	1.402	2.269	14.9	20.2
1 16	4 23.74	+24 35.3	1.480	2.263	18.7	20.5

413165 2002 NZ_{69} 12 7.6 44.°48 0.°5/ 7.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.32	+26 34.8	1.776	2.634	13.1	19.5
11 17	5 16.51	+25 50.2	1.735	2.662	9.2	19.3
11 27	5 7.79	+24 58.3	1.720	2.690	4.9	19.1
12 7	4 58.25	+24 1.1	1.733	2.718	0.6	18.9
12 17	4 49.08	+23 2.1	1.775	2.746	4.1	19.2
12 27	4 41.37	+22 5.9	1.846	2.775	8.1	19.5
1 6	4 35.89	+21 16.4	1.942	2.804	11.6	19.8
1 16	4 32.98	+20 36.2	2.061	2.833	14.5	20.0

145106 2005 GF_{105} 12 7.6 108.°35 0.°6/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.88	+24 3.9	1.930	2.784	12.4	20.1
11 17	5 17.77	+24 14.6	1.871	2.796	8.8	19.9
11 27	5 8.58	+24 21.4	1.838	2.807	4.7	19.7
12 7	4 58.30	+24 23.6	1.833	2.818	0.7	19.4
12 17	4 48.07	+24 21.4	1.859	2.829	4.1	19.7
12 27	4 39.06	+24 16.8	1.913	2.840	8.1	19.9
1 6	4 32.16	+24 12.0	1.993	2.850	11.6	20.2
1 16	4 27.90	+24 9.5	2.095	2.861	14.5	20.4

218824 2006 TD_{26} 12 7.6 129.°40 1.°5/ 7.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.68	+20 5.9	1.693	2.549	13.8	21.5
11 17	5 19.77	+19 39.5	1.638	2.564	9.7	21.3
11 27	5 9.63	+19 11.5	1.609	2.579	5.2	21.0
12 7	4 58.36	+18 43.3	1.609	2.592	1.5	20.8
12 17	4 47.28	+18 17.1	1.637	2.605	4.9	21.1
12 27	4 37.66	+17 55.8	1.694	2.617	9.2	21.4
1 6	4 30.43	+17 41.8	1.777	2.629	13.0	21.6
1 16	4 26.08	+17 36.4	1.881	2.640	16.2	21.9

102671 1999 VW_{62} 12 7.6 20.°98 3.°4/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.49	+27 8.7	1.142	2.020	17.4	18.3
11 17	5 18.60	+28 11.6	1.098	2.031	12.5	18.1
11 27	5 9.40	+29 7.4	1.075	2.043	7.3	17.8
12 7	4 58.35	+29 50.8	1.075	2.057	3.5	17.7
12 17	4 47.34	+30 18.9	1.102	2.071	6.4	17.9
12 27	4 38.29	+30 33.6	1.152	2.087	11.3	18.2
1 6	4 32.54	+30 39.3	1.225	2.105	15.7	18.5
1 16	4 30.70	+30 41.1	1.316	2.123	19.4	18.8

451784 2013 GK_{109} 12 7.6 241.°73 3.°4/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.60	+32 47.9	2.343	3.175	11.3	22.0
11 17	5 18.39	+33 13.5	2.254	3.160	8.5	21.7
11 27	5 9.02	+33 29.9	2.191	3.145	5.5	21.5
12 7	4 58.34	+33 34.7	2.157	3.129	3.4	21.4
12 17	4 47.42	+33 27.1	2.153	3.113	4.8	21.4
12 27	4 37.42	+33 8.7	2.178	3.096	7.8	21.6
1 6	4 29.35	+32 43.2	2.231	3.079	10.9	21.8
1 16	4 23.82	+32 15.0	2.307	3.061	13.6	21.9

384410 2009 WM_{126} 12 7.6 285.°30 0.°3/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.38	+23 2.1	1.515	2.380	14.6	20.8
11 17	5 18.89	+23 13.2	1.434	2.364	10.5	20.5
11 27	5 9.55	+23 21.4	1.378	2.348	5.6	20.2
12 7	4 58.38	+23 25.7	1.347	2.332	0.5	19.8
12 17	4 46.84	+23 25.9	1.344	2.316	5.1	20.1
12 27	4 36.57	+23 23.8	1.368	2.300	10.2	20.3
1 6	4 28.88	+23 22.6	1.417	2.284	14.8	20.6
1 16	4 24.56	+23 25.0	1.485	2.268	18.7	20.8

367921 2012 BA_{133} 12 7.6 322.°55 6.°4/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.96	+ 7 40.8	1.658	2.516	14.0	20.8
11 17	5 14.61	+ 7 1.3	1.586	2.501	10.7	20.6
11 27	5 7.07	+ 6 32.3	1.537	2.488	7.7	20.4
12 7	4 58.24	+ 6 17.9	1.513	2.474	6.4	20.3
12 17	4 49.21	+ 6 20.7	1.517	2.461	8.2	20.3
12 27	4 41.23	+ 6 41.8	1.546	2.449	11.5	20.5
1 6	4 35.28	+ 7 19.6	1.598	2.437	14.9	20.7
1 16	4 31.99	+ 8 11.2	1.670	2.426	18.0	20.9

409288 2004 RP_{293} 12 7.6 121.°76 4.°1/ 8.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.78	+35 23.6	2.158	2.989	12.2	22.0
11 17	5 17.76	+35 38.6	2.090	2.993	9.2	21.8
11 27	5 8.62	+35 41.1	2.047	2.997	6.2	21.6
12 7	4 58.32	+35 29.2	2.032	3.000	4.2	21.5
12 17	4 48.03	+35 3.0	2.046	3.004	5.2	21.6
12 27	4 38.95	+34 25.4	2.089	3.007	8.0	21.8
1 6	4 32.00	+33 41.4	2.158	3.011	11.0	22.0
1 16	4 27.73	+32 55.9	2.250	3.014	13.7	22.1

133617 2003 UY_{116} 12 7.6 139.°63 1.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.09	+19 32.0	1.833	2.692	12.8	19.9
11 17	5 17.29	+19 27.0	1.769	2.696	9.0	19.7
11 27	5 8.38	+19 21.8	1.731	2.700	4.8	19.5
12 7	4 58.31	+19 16.9	1.720	2.704	1.2	19.2
12 17	4 48.23	+19 13.3	1.739	2.708	4.5	19.5
12 27	4 39.33	+19 12.5	1.786	2.711	8.7	19.7
1 6	4 32.53	+19 16.0	1.859	2.715	12.4	20.0
1 16	4 28.40	+19 24.9	1.953	2.718	15.4	20.2

70555 1999 TW_{139} 12 7.6 71.°05 6.°2/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.55	+10 6.5	1.591	2.449	14.4	19.6
11 17	5 16.78	+ 8 47.5	1.550	2.468	10.8	19.4
11 27	5 7.99	+ 7 37.1	1.535	2.488	7.5	19.2
12 7	4 58.28	+ 6 40.8	1.546	2.508	6.2	19.2
12 17	4 48.84	+ 6 2.6	1.584	2.527	8.1	19.4
12 27	4 40.81	+ 5 44.2	1.649	2.547	11.2	19.6
1 6	4 35.02	+ 5 44.8	1.738	2.567	14.4	19.9
1 16	4 31.88	+ 6 1.8	1.846	2.586	17.1	20.1

137746 1999 XP_{153} 12 7.6 336.°86 1.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.76	+23 3.9	1.078	1.966	17.3	19.0
11 17	5 16.17	+22 15.7	1.010	1.951	12.4	18.7
11 27	5 8.26	+21 18.9	0.963	1.936	6.7	18.4
12 7	4 58.32	+20 16.7	0.938	1.923	1.2	18.0
12 17	4 48.15	+19 14.5	0.939	1.911	6.4	18.3
12 27	4 39.70	+18 19.7	0.962	1.901	12.5	18.6
1 6	4 34.42	+17 38.0	1.007	1.891	17.9	18.8
1 16	4 33.06	+17 12.5	1.068	1.884	22.4	19.1

444470 2006 KJ_{26} 12 7.6 128.°87 1.°5/ 7.4 18

11 7	5 25.78	+17 9.5	1.995	2.846	12.2	21.8
11 17	5 18.31	+17 27.4	1.935	2.858	8.7	21.6
11 27	5 8.86	+17 47.8	1.902	2.870	4.7	21.4
12 7	4 58.35	+18 10.2	1.897	2.881	1.5	21.2
12 17	4 47.85	+18 34.3	1.924	2.891	4.4	21.4
12 27	4 38.48	+19 0.0	1.980	2.902	8.2	21.7
1 6	4 31.10	+19 27.9	2.062	2.911	11.6	21.9
1 16	4 26.23	+19 58.2	2.167	2.920	14.4	22.1

352361 2007 VD_{205} 12 7.6 258.°03 0.°9/ 7.8 18

11 7	5 24.46	+24 54.8	1.883	2.739	12.6	21.4
11 17	5 17.77	+25 4.5	1.803	2.728	9.0	21.2
11 27	5 8.77	+25 9.7	1.748	2.717	4.9	20.9
12 7	4 58.36	+25 9.4	1.721	2.705	1.0	20.6
12 17	4 47.74	+25 3.7	1.723	2.694	4.3	20.8
12 27	4 38.20	+24 54.4	1.754	2.682	8.6	21.1
1 6	4 30.80	+24 44.5	1.810	2.670	12.5	21.3
1 16	4 26.20	+24 37.0	1.889	2.658	15.7	21.5

23701 Liqibin 12 7.6 135.°37 0.°1/ 7.6 18

11 7	5 21.29	+23 21.3	2.633	3.481	9.7	19.5
11 17	5 14.85	+23 18.2	2.568	3.490	6.8	19.4
11 27	5 6.94	+23 12.3	2.531	3.500	3.6	19.2
12 7	4 58.27	+23 3.6	2.524	3.509	0.2	18.9
12 17	4 49.62	+22 52.8	2.548	3.518	3.2	19.2
12 27	4 41.83	+22 41.5	2.602	3.526	6.4	19.4
1 6	4 35.53	+22 31.3	2.684	3.534	9.2	19.6
1 16	4 31.18	+22 23.9	2.790	3.542	11.6	19.8

329486 2002 QR_{113} 12 7.6 202.°59 0.°0/ 7.6 18

11 7	5 20.71	+24 2.8	2.808	3.655	9.2	21.5
11 17	5 14.43	+23 42.1	2.729	3.650	6.5	21.3
11 27	5 6.73	+23 17.4	2.678	3.646	3.5	21.1
12 7	4 58.27	+22 49.5	2.656	3.641	0.2	20.8
12 17	4 49.78	+22 19.6	2.666	3.636	3.1	21.0
12 27	4 42.05	+21 49.8	2.707	3.630	6.2	21.2
1 6	4 35.72	+21 22.2	2.776	3.624	9.0	21.4
1 16	4 31.24	+20 58.8	2.869	3.618	11.4	21.6

478616 2012 TT_{157} 12 7.6 245.°56 3.°8/ 8.3 18

11 7	5 27.50	+31 15.3	1.654	2.504	14.4	21.0
11 17	5 20.29	+31 46.2	1.581	2.498	10.7	20.8
11 27	5 10.25	+32 6.8	1.532	2.492	6.7	20.5
12 7	4 58.48	+32 13.4	1.509	2.486	3.8	20.3
12 17	4 46.50	+32 5.1	1.515	2.480	5.7	20.4
12 27	4 35.94	+31 44.5	1.548	2.474	9.7	20.7
1 6	4 28.04	+31 16.9	1.606	2.467	13.7	20.9
1 16	4 23.53	+30 48.0	1.685	2.461	17.1	21.1

143754 2003 VB_{11} 12 7.6 103.°68 1.°2/ 7.8 18

11 7	5 29.62	+24 28.3	1.452	2.313	15.4	19.9
11 17	5 21.63	+24 56.0	1.400	2.327	10.9	19.6
11 27	5 10.82	+25 18.9	1.372	2.341	5.9	19.4
12 7	4 58.51	+25 34.7	1.371	2.355	1.3	19.1
12 17	4 46.29	+25 42.8	1.398	2.369	5.1	19.4
12 27	4 35.79	+25 45.2	1.452	2.382	9.9	19.7
1 6	4 28.17	+25 45.4	1.531	2.395	14.1	20.0
1 16	4 24.00	+25 46.9	1.630	2.407	17.5	20.3

270132 2001 RF_{124} 12 7.6 75.°05 1.°7/ 7.3 18

11 7	5 27.22	+19 11.8	1.435	2.301	15.3	20.8
11 17	5 19.63	+18 58.1	1.395	2.325	10.7	20.6
11 27	5 9.61	+18 44.6	1.378	2.348	5.7	20.4
12 7	4 58.44	+18 32.3	1.388	2.371	1.7	20.2
12 17	4 47.58	+18 22.9	1.426	2.395	5.3	20.5
12 27	4 38.44	+18 18.4	1.491	2.418	9.9	20.8
1 6	4 31.97	+18 20.4	1.580	2.440	13.9	21.1
1 16	4 28.60	+18 29.7	1.689	2.463	17.1	21.4

38060 1999 CB_{61} 12 7.6 214.°97 0.°4/ 7.5 18

11 7	5 27.51	+22 51.6	1.500	2.363	14.9	18.8
11 17	5 20.22	+22 33.7	1.430	2.359	10.6	18.5
11 27	5 10.16	+22 10.9	1.383	2.354	5.7	18.2
12 7	4 58.49	+21 43.8	1.364	2.349	0.5	17.8
12 17	4 46.72	+21 14.4	1.372	2.343	5.1	18.2
12 27	4 36.43	+20 46.5	1.408	2.337	10.2	18.4
1 6	4 28.81	+20 23.9	1.468	2.331	14.7	18.7
1 16	4 24.53	+20 9.5	1.549	2.324	18.4	18.9

142530 2002 TL_{47} 12 7.6 42.°80 4.°1/ 8.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.31	+31 48.9	1.721	2.569	14.0	19.3
11 17	5 19.30	+32 34.0	1.659	2.574	10.4	19.1
11 27	5 9.65	+33 9.1	1.620	2.578	6.6	18.9
12 7	4 58.47	+33 30.2	1.609	2.583	4.1	18.8
12 17	4 47.19	+33 35.9	1.625	2.588	5.8	18.9
12 27	4 37.31	+33 28.2	1.669	2.592	9.4	19.1
1 6	4 29.99	+33 12.0	1.738	2.598	12.9	19.3
1 16	4 25.86	+32 52.3	1.829	2.603	16.0	19.6

460906 2014 WX_{198} 12 7.6 272.°05 4.°6/ 6.3 18

11 7	5 18.68	+ 8 24.5	2.402	3.247	10.7	21.1
11 17	5 13.15	+ 7 51.9	2.332	3.242	8.1	21.0
11 27	5 6.12	+ 7 26.5	2.287	3.237	5.7	20.8
12 7	4 58.27	+ 7 10.5	2.271	3.232	4.7	20.7
12 17	4 50.37	+ 7 5.9	2.284	3.226	6.0	20.8
12 27	4 43.23	+ 7 13.3	2.326	3.221	8.5	21.0
1 6	4 37.53	+ 7 32.3	2.393	3.216	11.1	21.1
1 16	4 33.72	+ 8 1.5	2.482	3.211	13.4	21.3

68020 2000 YJ_{17} 12 7.6 26.°71 5.°0/ 8.7 18

11 7	5 25.75	+32 33.2	0.960	1.839	19.8	17.6
11 17	5 19.88	+32 49.8	0.919	1.850	14.6	17.4
11 27	5 10.19	+32 47.8	0.898	1.863	9.1	17.1
12 7	4 58.51	+32 23.9	0.898	1.877	5.1	17.0
12 17	4 47.15	+31 40.2	0.922	1.891	7.3	17.1
12 27	4 38.30	+30 44.5	0.969	1.908	12.3	17.5
1 6	4 33.32	+29 46.7	1.036	1.925	17.1	17.8
1 16	4 32.64	+28 54.2	1.121	1.943	21.1	18.1

267770 2003 SK_{23} 12 7.6 58.°12 7.°5/10.3 17

11 7	5 27.77	+45 24.1	2.133	2.927	13.6	20.0
11 17	5 20.16	+45 55.9	2.072	2.935	11.2	19.8
11 27	5 10.01	+46 8.1	2.034	2.943	9.0	19.7
12 7	4 58.51	+45 56.8	2.021	2.952	7.6	19.6
12 17	4 47.09	+45 21.6	2.036	2.960	7.9	19.7
12 27	4 37.23	+44 26.3	2.078	2.969	9.6	19.8
1 6	4 29.96	+43 17.7	2.145	2.977	11.9	19.9
1 16	4 25.84	+42 3.3	2.234	2.986	14.1	20.1

295112 2008 FA_5 12 7.6 346.°98 1.°0/ 7.4 18

11 7	5 22.28	+20 6.7	1.841	2.703	12.6	21.5
11 17	5 16.11	+20 1.1	1.773	2.701	8.9	21.3
11 27	5 7.84	+19 54.9	1.730	2.700	4.8	21.1
12 7	4 58.39	+19 48.6	1.715	2.699	1.1	20.8
12 17	4 48.88	+19 43.2	1.729	2.699	4.4	21.0
12 27	4 40.47	+19 40.4	1.771	2.698	8.6	21.3
1 6	4 34.11	+19 41.7	1.838	2.697	12.3	21.5
1 16	4 30.35	+19 48.4	1.927	2.697	15.4	21.7

100705 1998 BO_5 12 7.6 48.°00 1.°2/ 7.9 18

11 7	5 23.52	+26 24.5	1.733	2.593	13.4	19.9
11 17	5 17.04	+26 19.6	1.675	2.601	9.5	19.7
11 27	5 8.32	+26 8.0	1.641	2.610	5.2	19.5
12 7	4 58.42	+25 49.3	1.635	2.619	1.2	19.2
12 17	4 48.60	+25 24.9	1.657	2.628	4.3	19.5
12 27	4 40.14	+24 58.0	1.707	2.638	8.6	19.8
1 6	4 33.97	+24 32.2	1.783	2.648	12.4	20.0
1 16	4 30.61	+24 10.7	1.880	2.658	15.5	20.2

144165 2004 BZ_{105} 12 7.6 301.°10 0.°9/ 7.8 18

11 7	5 24.13	+24 40.3	1.781	2.640	13.1	19.8
11 17	5 17.59	+24 54.8	1.710	2.637	9.3	19.6
11 27	5 8.71	+25 5.2	1.664	2.634	5.1	19.3
12 7	4 58.45	+25 10.2	1.646	2.631	1.0	19.0
12 17	4 48.07	+25 9.9	1.657	2.628	4.4	19.3
12 27	4 38.88	+25 5.9	1.695	2.625	8.7	19.5
1 6	4 31.92	+25 1.1	1.759	2.622	12.6	19.8
1 16	4 27.82	+24 58.2	1.845	2.619	15.9	20.0

84031 2002 PZ_{45} 12 7.6 20.°51 13.°6/ 5.8 18

11 7	5 18.32	− 3 10.4	1.110	1.965	19.6	17.3
11 17	5 13.71	− 4 43.3	1.085	1.979	16.6	17.1
11 27	5 6.60	− 5 45.4	1.079	1.996	14.3	17.1
12 7	4 58.32	− 6 9.0	1.094	2.014	13.6	17.1
12 17	4 50.30	− 5 51.9	1.129	2.034	14.7	17.2
12 27	4 43.95	− 4 57.6	1.185	2.056	16.8	17.4
1 6	4 40.20	− 3 34.2	1.259	2.079	19.4	17.7
1 16	4 39.46	− 1 51.2	1.350	2.103	21.7	17.9

339624 2005 PA_{20} 12 7.6 118.°83 1.°0/ 7.8 18

11 7	5 28.77	+25 43.1	1.741	2.592	13.7	21.7
11 17	5 20.62	+25 41.2	1.688	2.611	9.7	21.5
11 27	5 10.15	+25 32.8	1.660	2.628	5.2	21.2
12 7	4 58.53	+25 17.3	1.661	2.645	1.0	21.0
12 17	4 47.11	+24 56.0	1.691	2.661	4.4	21.3
12 27	4 37.20	+24 31.9	1.750	2.677	8.7	21.5
1 6	4 29.77	+24 9.1	1.834	2.692	12.4	21.8
1 16	4 25.29	+23 50.6	1.941	2.706	15.5	22.1

20403 Attenborough 12 7.6 8.°49 2.°1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.14	+15 52.5	1.852	2.712	12.6	17.7
11 17	5 15.99	+16 9.0	1.786	2.713	9.0	17.4
11 27	5 7.78	+16 30.0	1.746	2.714	5.0	17.2
12 7	4 58.40	+16 55.3	1.733	2.715	2.1	17.0
12 17	4 48.93	+17 24.4	1.749	2.717	4.7	17.2
12 27	4 40.52	+17 57.3	1.794	2.719	8.7	17.4
1 6	4 34.07	+18 33.7	1.864	2.721	12.3	17.7
1 16	4 30.18	+19 13.3	1.957	2.724	15.3	17.9

479420 2013 YS_{76} 12 7.6 295.°33 1.°7/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.66	+26 19.9	1.436	2.301	15.3	21.3
11 17	5 19.28	+26 32.8	1.358	2.287	11.0	21.0
11 27	5 9.86	+26 39.0	1.304	2.273	6.2	20.7
12 7	4 58.54	+26 36.6	1.275	2.259	1.8	20.4
12 17	4 46.87	+26 25.3	1.274	2.245	5.3	20.6
12 27	4 36.61	+26 7.9	1.298	2.231	10.5	20.9
1 6	4 29.14	+25 49.0	1.347	2.218	15.2	21.1
1 16	4 25.25	+25 33.2	1.415	2.205	19.1	21.3

104044 2000 EA_{11} 12 7.6 59.°36 4.°4/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.17	+12 58.4	1.340	2.208	16.0	18.8
11 17	5 18.45	+12 42.8	1.292	2.220	11.6	18.6
11 27	5 9.14	+12 35.3	1.267	2.231	7.1	18.4
12 7	4 58.48	+12 37.9	1.267	2.243	4.4	18.3
12 17	4 47.94	+12 51.6	1.293	2.255	6.9	18.4
12 27	4 39.00	+13 16.6	1.346	2.268	11.2	18.7
1 6	4 32.72	+13 51.8	1.421	2.280	15.3	19.0
1 16	4 29.64	+14 35.4	1.516	2.293	18.6	19.3

116780 2004 EH_{31} 12 7.6 165.°44 2.°8/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.41	+30 15.1	1.755	2.601	13.8	19.9
11 17	5 20.63	+30 23.5	1.688	2.605	10.1	19.7
11 27	5 10.30	+30 21.4	1.646	2.609	6.0	19.4
12 7	4 58.56	+30 7.0	1.632	2.612	2.8	19.2
12 17	4 46.83	+29 40.8	1.646	2.614	5.0	19.4
12 27	4 36.55	+29 6.4	1.690	2.616	9.0	19.6
1 6	4 28.81	+28 29.0	1.758	2.617	12.8	19.9
1 16	4 24.19	+27 53.6	1.849	2.618	16.0	20.1

66538 1999 RV_{117} 12 7.6 64.°72 9.°0/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.87	+ 3 8.7	1.531	2.377	15.5	18.5
11 17	5 16.41	+ 1 43.4	1.495	2.395	12.4	18.3
11 27	5 7.90	+ 0 34.7	1.481	2.413	9.8	18.2
12 7	4 58.42	− 0 11.3	1.493	2.432	9.0	18.2
12 17	4 49.17	− 0 31.2	1.531	2.450	10.4	18.3
12 27	4 41.33	− 0 24.8	1.593	2.468	13.0	18.5
1 6	4 35.73	+ 0 4.5	1.677	2.486	15.7	18.8
1 16	4 32.79	+ 0 51.9	1.780	2.505	18.1	19.0

346455 2008 TE_{60} 12 7.6 75.°36 2.°2/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.55	+27 21.6	1.523	2.380	15.0	21.4
11 17	5 20.72	+27 44.3	1.478	2.402	10.7	21.2
11 27	5 10.29	+27 58.9	1.458	2.424	6.0	21.0
12 7	4 58.56	+28 3.4	1.464	2.446	2.2	20.8
12 17	4 47.07	+27 57.9	1.498	2.468	5.0	21.1
12 27	4 37.31	+27 45.4	1.561	2.490	9.4	21.4
1 6	4 30.32	+27 30.3	1.647	2.511	13.3	21.7
1 16	4 26.58	+27 16.6	1.755	2.532	16.4	21.9

522031 2015 XS_{407} 12 7.6 223.°66 6.°1/ 9.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.67	+43 33.8	2.747	3.536	11.0	21.6
11 17	5 19.14	+44 15.9	2.666	3.529	9.0	21.5
11 27	5 9.48	+44 43.8	2.610	3.521	7.2	21.3
12 7	4 58.53	+44 54.1	2.581	3.513	6.1	21.3
12 17	4 47.39	+44 45.5	2.582	3.504	6.5	21.3
12 27	4 37.25	+44 19.6	2.610	3.495	8.1	21.4
1 6	4 29.06	+43 40.6	2.665	3.486	10.2	21.5
1 16	4 23.45	+42 54.0	2.743	3.477	12.2	21.6

331268 2011 CN_{70} 12 7.6 358.°92 4.°1/ 6.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.59	+10 5.5	2.155	3.003	11.5	20.9
11 17	5 14.63	+ 9 57.3	2.088	3.003	8.6	20.7
11 27	5 6.98	+ 9 56.7	2.047	3.003	5.6	20.5
12 7	4 58.38	+10 5.1	2.034	3.003	4.1	20.4
12 17	4 49.73	+10 23.3	2.050	3.003	5.7	20.5
12 27	4 41.97	+10 51.2	2.095	3.003	8.6	20.7
1 6	4 35.84	+11 28.0	2.165	3.003	11.6	20.9
1 16	4 31.86	+12 12.1	2.258	3.003	14.2	21.1

503341 2016 BB_{39} 12 7.6 258.°04 7.°4/10.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 37.57	+42 32.7	1.093	1.929	21.1	20.3
11 17	5 28.44	+41 40.0	1.023	1.925	16.6	20.0
11 27	5 14.80	+40 8.3	0.974	1.920	11.7	19.7
12 7	4 58.84	+37 53.1	0.948	1.916	7.8	19.4
12 17	4 43.39	+35 1.0	0.948	1.911	8.6	19.5
12 27	4 31.06	+31 50.3	0.974	1.906	13.2	19.7
1 6	4 23.31	+28 42.9	1.024	1.901	18.3	20.0
1 16	4 20.49	+25 55.2	1.093	1.896	22.8	20.3

182391 2001 QD_{266} 12 7.6 129.°33 6.°9/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.87	+ 5 57.0	1.792	2.634	13.8	19.9
11 17	5 17.68	+ 4 57.8	1.743	2.647	10.7	19.7
11 27	5 8.57	+ 4 10.1	1.719	2.660	7.9	19.6
12 7	4 58.50	+ 3 38.2	1.722	2.673	6.9	19.5
12 17	4 48.56	+ 3 24.9	1.753	2.685	8.4	19.6
12 27	4 39.87	+ 3 30.8	1.811	2.696	11.1	19.8
1 6	4 33.23	+ 3 54.1	1.893	2.707	14.0	20.0
1 16	4 29.11	+ 4 31.9	1.995	2.717	16.5	20.3

287883 2003 SX_{326} 12 7.6 191.°87 3.°2/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.19	+31 46.1	2.100	2.937	12.3	21.9
11 17	5 19.60	+32 7.5	2.025	2.936	9.1	21.7
11 27	5 9.75	+32 19.2	1.976	2.934	5.7	21.5
12 7	4 58.59	+32 18.9	1.956	2.932	3.3	21.3
12 17	4 47.33	+32 6.2	1.965	2.929	4.8	21.4
12 27	4 37.23	+31 43.5	2.004	2.925	8.1	21.6
1 6	4 29.29	+31 15.0	2.069	2.921	11.5	21.8
1 16	4 24.12	+30 45.2	2.157	2.917	14.3	22.0

302701 2002 TW_{159} 12 7.6 359.°63 10.°8/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.35	− 0 32.3	1.305	2.156	17.4	19.3
11 17	5 14.49	− 1 17.2	1.253	2.152	14.4	19.1
11 27	5 7.15	− 1 38.6	1.221	2.150	11.8	18.9
12 7	4 58.43	− 1 30.6	1.212	2.149	10.8	18.9
12 17	4 49.66	− 0 51.2	1.226	2.150	12.0	18.9
12 27	4 42.24	+ 0 17.5	1.263	2.152	14.7	19.1
1 6	4 37.23	+ 1 49.4	1.321	2.155	17.8	19.3
1 16	4 35.24	+ 3 36.9	1.396	2.159	20.6	19.5

336091 2008 GR_{119} 12 7.6 157.°96 2.°2/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.24	+17 19.2	1.890	2.743	12.7	22.4
11 17	5 18.75	+16 59.3	1.828	2.751	9.1	22.2
11 27	5 9.20	+16 40.6	1.791	2.758	5.1	22.0
12 7	4 58.56	+16 24.3	1.782	2.764	2.2	21.8
12 17	4 47.96	+16 12.1	1.804	2.769	4.9	22.0
12 27	4 38.55	+16 5.7	1.855	2.774	8.8	22.3
1 6	4 31.24	+16 6.4	1.931	2.778	12.4	22.5
1 16	4 26.54	+16 14.8	2.030	2.781	15.4	22.7

24893 1997 AK_5 12 7.6 237.°02 3.°8/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.43	+31 50.9	1.567	2.417	15.0	18.9
11 17	5 21.09	+32 8.1	1.494	2.411	11.2	18.7
11 27	5 10.76	+32 12.9	1.445	2.405	7.0	18.4
12 7	4 58.66	+32 2.2	1.422	2.399	3.9	18.2
12 17	4 46.40	+31 35.8	1.426	2.392	5.8	18.3
12 27	4 35.67	+30 57.4	1.458	2.385	10.1	18.6
1 6	4 27.79	+30 13.6	1.514	2.378	14.2	18.8
1 16	4 23.45	+29 30.8	1.591	2.371	17.8	19.0

334162 2001 SR_{34} 12 7.6 52.°46 2.°9/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.14	+28 25.4	1.269	2.135	16.8	20.2
11 17	5 20.84	+28 51.8	1.227	2.155	12.1	19.9
11 27	5 10.51	+29 8.1	1.208	2.174	7.0	19.7
12 7	4 58.64	+29 11.5	1.213	2.195	3.0	19.5
12 17	4 47.04	+29 2.1	1.245	2.215	5.7	19.8
12 27	4 37.46	+28 44.0	1.304	2.236	10.5	20.1
1 6	4 31.05	+28 22.7	1.385	2.258	14.7	20.4
1 16	4 28.31	+28 3.2	1.486	2.279	18.2	20.7

435385 2007 XU_{49} 12 7.6 356.°86 2.°6/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.93	+29 54.0	1.025	1.907	18.6	20.7
11 17	5 18.60	+29 28.8	0.967	1.903	13.6	20.4
11 27	5 9.63	+28 46.8	0.930	1.900	7.8	20.1
12 7	4 58.59	+27 48.0	0.915	1.898	2.7	19.8
12 17	4 47.58	+26 36.5	0.924	1.897	6.3	20.0
12 27	4 38.71	+25 21.3	0.956	1.898	12.1	20.3
1 6	4 33.42	+24 11.8	1.010	1.899	17.4	20.6
1 16	4 32.28	+23 14.4	1.081	1.902	21.8	20.9

481940 2009 BS_{187} 12 7.6 331.°86 8.°5/ 9.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.39	+43 55.6	1.706	2.518	15.8	21.3
11 17	5 21.96	+44 37.6	1.638	2.515	12.9	21.1
11 27	5 11.28	+44 58.1	1.591	2.512	10.2	21.0
12 7	4 58.70	+44 51.1	1.569	2.509	8.6	20.9
12 17	4 46.03	+44 15.1	1.573	2.506	9.0	20.9
12 27	4 35.15	+43 14.5	1.603	2.504	11.3	21.0
1 6	4 27.44	+41 58.0	1.657	2.502	14.2	21.2
1 16	4 23.54	+40 35.3	1.731	2.500	17.0	21.4

265534 2005 NU_{60} 12 7.6 190.°62 3.°6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.96	+13 37.6	1.823	2.675	13.2	21.2
11 17	5 18.69	+13 16.6	1.754	2.674	9.6	21.0
11 27	5 9.25	+13 0.3	1.710	2.673	5.8	20.8
12 7	4 58.58	+12 50.6	1.695	2.671	3.6	20.6
12 17	4 47.84	+12 49.1	1.708	2.668	5.9	20.8
12 27	4 38.24	+12 56.9	1.750	2.664	9.7	21.0
1 6	4 30.73	+13 14.3	1.818	2.660	13.3	21.2
1 16	4 25.91	+13 40.5	1.907	2.655	16.3	21.4

102759 1999 VL_{130} 12 7.6 153.°38 7.°6/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 37.26	+39 12.9	1.813	2.625	15.0	19.9
11 17	5 27.54	+40 54.2	1.750	2.633	11.9	19.7
11 27	5 14.34	+42 20.2	1.713	2.640	9.1	19.6
12 7	4 58.92	+43 22.1	1.703	2.647	7.6	19.5
12 17	4 43.08	+43 55.3	1.722	2.653	8.5	19.6
12 27	4 28.83	+44 1.2	1.769	2.659	11.1	19.8
1 6	4 17.75	+43 46.8	1.841	2.664	14.0	19.9
1 16	4 10.65	+43 20.8	1.933	2.668	16.6	20.1

161727 2006 SW_{7} 12 7.6 42.°52 2.°0/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.30	+24 48.3	1.043	1.923	18.5	19.1
11 17	5 21.30	+25 31.8	1.007	1.943	13.2	18.8
11 27	5 10.88	+26 9.4	0.992	1.963	7.2	18.6
12 7	4 58.69	+26 37.2	1.001	1.984	2.0	18.3
12 17	4 46.80	+26 53.9	1.034	2.006	6.0	18.7
12 27	4 37.20	+27 2.0	1.092	2.029	11.5	19.0
1 6	4 31.16	+27 5.9	1.172	2.052	16.2	19.4
1 16	4 29.16	+27 9.9	1.270	2.076	20.0	19.7

51478 2001 FX_{60} 12 7.6 113.°85 3.°5/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.36	+30 17.3	1.565	2.414	15.1	18.9
11 17	5 22.23	+30 52.8	1.509	2.427	11.0	18.7
11 27	5 11.25	+31 17.8	1.478	2.440	6.7	18.5
12 7	4 58.72	+31 28.8	1.474	2.452	3.6	18.3
12 17	4 46.24	+31 25.1	1.498	2.464	5.6	18.5
12 27	4 35.46	+31 9.5	1.550	2.475	9.7	18.8
1 6	4 27.56	+30 47.7	1.626	2.486	13.6	19.0
1 16	4 23.12	+30 25.1	1.723	2.497	16.9	19.3

357682 2005 MA_{28} 12 7.6 189.°05 4.°4/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.67	+ 9 29.2	2.310	3.153	11.1	21.9
11 17	5 15.30	+ 8 57.4	2.241	3.152	8.3	21.7
11 27	5 7.33	+ 8 32.0	2.199	3.151	5.7	21.6
12 7	4 58.48	+ 8 15.6	2.185	3.149	4.5	21.5
12 17	4 49.60	+ 8 9.8	2.201	3.147	5.9	21.6
12 27	4 41.56	+ 8 15.6	2.246	3.144	8.6	21.7
1 6	4 35.09	+ 8 32.5	2.317	3.141	11.4	21.9
1 16	4 30.67	+ 8 59.5	2.410	3.138	13.8	22.1

210126 2006 RE_{63} 12 7.6 126.°36 0.°4/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.00	+21 23.0	1.921	2.778	12.4	20.2
11 17	5 17.26	+21 25.3	1.857	2.783	8.7	20.0
11 27	5 8.47	+21 26.0	1.819	2.788	4.6	19.7
12 7	4 58.55	+21 25.1	1.808	2.793	0.5	19.4
12 17	4 48.62	+21 23.1	1.828	2.798	4.1	19.7
12 27	4 39.82	+21 21.5	1.876	2.803	8.2	20.0
1 6	4 33.06	+21 22.2	1.950	2.807	11.8	20.2
1 16	4 28.88	+21 26.8	2.046	2.811	14.8	20.4

32870 1993 FD_{27} 12 7.6 181.°56 0.°4/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.77	+23 57.6	1.571	2.429	14.6	19.4
11 17	5 21.06	+23 57.4	1.504	2.430	10.4	19.2
11 27	5 10.65	+23 52.3	1.461	2.431	5.6	18.9
12 7	4 58.69	+23 41.5	1.446	2.431	0.6	18.5
12 17	4 46.67	+23 25.9	1.459	2.430	4.8	18.9
12 27	4 36.13	+23 8.4	1.500	2.429	9.7	19.1
1 6	4 28.23	+22 52.9	1.566	2.427	14.0	19.4
1 16	4 23.61	+22 42.4	1.653	2.425	17.5	19.6

511679 2015 BY_{446} 12 7.6 26.°04 5.°5/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.58	+32 59.8	1.128	1.994	18.5	21.5
11 17	5 21.87	+33 39.8	1.075	1.998	13.9	21.3
11 27	5 11.39	+34 3.7	1.042	2.003	9.0	21.0
12 7	4 58.74	+34 6.2	1.033	2.008	5.6	20.8
12 17	4 46.06	+33 46.2	1.048	2.013	7.6	21.0
12 27	4 35.61	+33 9.1	1.087	2.019	12.2	21.2
1 6	4 28.87	+32 23.7	1.148	2.026	16.7	21.5
1 16	4 26.49	+31 38.4	1.228	2.033	20.6	21.8

207365 2005 JJ_{163} 12 7.6 226.°57 2.°0/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.12	+28 44.7	2.132	2.977	11.8	20.7
11 17	5 18.11	+28 50.0	2.051	2.969	8.6	20.5
11 27	5 8.97	+28 47.6	1.996	2.960	5.0	20.3
12 7	4 58.60	+28 36.3	1.969	2.951	2.0	20.1
12 17	4 48.08	+28 16.6	1.972	2.941	4.2	20.2
12 27	4 38.61	+27 50.7	2.005	2.931	7.9	20.4
1 6	4 31.12	+27 22.4	2.065	2.920	11.3	20.6
1 16	4 26.23	+26 55.4	2.147	2.909	14.3	20.8

295368 2008 HW_{51} 12 7.6 88.°00 2.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.96	+17 8.9	2.162	3.017	11.3	21.7
11 17	5 15.45	+16 30.8	2.111	3.035	8.0	21.5
11 27	5 7.35	+15 53.8	2.087	3.054	4.5	21.3
12 7	4 58.49	+15 20.0	2.092	3.072	2.3	21.2
12 17	4 49.78	+14 51.5	2.127	3.090	4.5	21.4
12 27	4 42.14	+14 30.4	2.191	3.108	7.8	21.6
1 6	4 36.23	+14 17.7	2.282	3.125	10.8	21.8
1 16	4 32.48	+14 13.9	2.395	3.143	13.4	22.1

400113 2006 UF_{16} 12 7.6 81.°44 4.°9/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.28	+11 54.2	1.865	2.720	12.8	21.0
11 17	5 15.85	+10 46.5	1.815	2.734	9.4	20.8
11 27	5 7.62	+ 9 44.2	1.791	2.748	6.2	20.6
12 7	4 58.51	+ 8 51.6	1.795	2.762	4.9	20.6
12 17	4 49.56	+ 8 12.2	1.827	2.775	6.7	20.7
12 27	4 41.78	+ 7 48.2	1.887	2.789	9.8	20.9
1 6	4 35.94	+ 7 39.7	1.972	2.802	12.9	21.2
1 16	4 32.47	+ 7 45.4	2.077	2.816	15.4	21.4

174888 2004 BP_{89} 12 7.6 286.°74 6.°6/ 9.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.19	+41 28.4	1.852	2.669	14.5	19.7
11 17	5 20.73	+41 36.7	1.776	2.663	11.6	19.5
11 27	5 10.49	+41 25.0	1.723	2.656	8.6	19.3
12 7	4 58.70	+40 49.7	1.697	2.650	6.7	19.2
12 17	4 46.91	+39 51.0	1.697	2.644	7.3	19.2
12 27	4 36.72	+38 34.0	1.726	2.638	9.9	19.3
1 6	4 29.30	+37 6.9	1.780	2.632	13.0	19.5
1 16	4 25.24	+35 38.0	1.856	2.627	15.9	19.7

467916 2011 OA_{14} 12 7.6 63.°28 10.°0/11.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 37.35	+45 54.1	1.066	1.895	22.0	20.3
11 17	5 28.29	+45 43.5	1.017	1.906	17.9	20.1
11 27	5 14.67	+44 54.6	0.986	1.918	13.5	19.9
12 7	4 58.94	+43 21.6	0.976	1.929	10.4	19.7
12 17	4 44.06	+41 8.9	0.991	1.941	10.6	19.8
12 27	4 32.62	+38 32.1	1.030	1.953	13.7	20.0
1 6	4 25.93	+35 50.7	1.091	1.965	17.7	20.3
1 16	4 24.14	+33 20.4	1.172	1.978	21.4	20.6

333249 2012 HM_{78} 12 7.7 205.°73 0.°2/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.96	+22 9.7	2.641	3.490	9.7	22.0
11 17	5 14.78	+22 7.0	2.564	3.486	6.8	21.8
11 27	5 7.07	+22 2.3	2.514	3.483	3.6	21.6
12 7	4 58.50	+21 55.7	2.493	3.478	0.3	21.3
12 17	4 49.87	+21 47.8	2.504	3.474	3.2	21.5
12 27	4 42.00	+21 40.0	2.545	3.469	6.5	21.7
1 6	4 35.58	+21 33.9	2.613	3.464	9.4	21.9
1 16	4 31.09	+21 30.7	2.706	3.458	11.9	22.1

269506 2009 UY_{89} 12 7.7 358.°47 0.°5/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.84	+22 33.9	1.841	2.704	12.5	20.3
11 17	5 15.14	+22 13.3	1.773	2.703	8.8	20.1
11 27	5 7.39	+21 49.3	1.731	2.702	4.7	19.9
12 7	4 58.52	+21 22.7	1.716	2.701	0.5	19.5
12 17	4 49.62	+20 55.6	1.730	2.701	4.2	19.8
12 27	4 41.86	+20 30.7	1.772	2.701	8.4	20.1
1 6	4 36.11	+20 10.7	1.839	2.702	12.1	20.3
1 16	4 32.91	+19 57.4	1.928	2.703	15.2	20.5

220252 2002 XO_{82} 12 7.7 31.°69 7.°1/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.59	+10 36.4	1.071	1.952	18.1	19.2
11 17	5 16.93	+ 9 33.3	1.034	1.965	13.5	19.0
11 27	5 8.45	+ 8 42.4	1.018	1.979	9.1	18.8
12 7	4 58.58	+ 8 9.8	1.025	1.995	7.1	18.8
12 17	4 48.98	+ 7 59.1	1.056	2.011	9.4	19.0
12 27	4 41.25	+ 8 11.0	1.110	2.028	13.5	19.2
1 6	4 36.45	+ 8 42.7	1.185	2.046	17.5	19.5
1 16	4 35.04	+ 9 29.7	1.277	2.065	20.9	19.8

467556 2007 TG_{158} 12 7.7 80.°61 1.°7/ 7.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.50	+21 0.8	1.249	2.117	16.9	21.2
11 17	5 22.12	+20 20.3	1.214	2.145	11.8	21.0
11 27	5 11.02	+19 37.1	1.201	2.171	6.3	20.8
12 7	4 58.73	+18 54.0	1.214	2.198	1.7	20.5
12 17	4 46.97	+18 14.7	1.255	2.224	5.8	20.9
12 27	4 37.31	+17 43.5	1.322	2.250	10.8	21.2
1 6	4 30.72	+17 23.3	1.412	2.275	15.1	21.6
1 16	4 27.58	+17 14.8	1.522	2.299	18.5	21.9

268547 2006 AD_{82} 12 7.7 298.°44 4.°7/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.22	+10 31.9	2.064	2.916	11.8	20.4
11 17	5 14.66	+ 9 53.1	1.972	2.889	8.9	20.2
11 27	5 7.19	+ 9 19.7	1.906	2.861	6.0	20.0
12 7	4 58.52	+ 8 54.9	1.867	2.834	4.7	19.8
12 17	4 49.58	+ 8 41.3	1.857	2.807	6.5	19.9
12 27	4 41.40	+ 8 40.9	1.875	2.779	9.7	20.0
1 6	4 34.87	+ 8 53.8	1.918	2.752	13.0	20.2
1 16	4 30.63	+ 9 19.2	1.982	2.725	15.9	20.3

103060 1999 XD_{137} 12 7.7 16.°84 8.°2/ 9.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 31.77	− 0 34.9	1.014	1.862	21.5	17.4
11 17	5 23.94	+ 1 6.6	0.960	1.868	16.8	17.2
11 27	5 12.48	+ 3 27.2	0.927	1.875	11.9	16.9
12 7	4 58.85	+ 6 23.2	0.918	1.884	8.4	16.8
12 17	4 45.06	+ 9 42.8	0.936	1.894	9.6	16.9
12 27	4 33.25	+13 10.1	0.981	1.906	14.0	17.2
1 6	4 24.99	+16 30.6	1.050	1.919	18.7	17.5
1 16	4 21.01	+19 35.8	1.140	1.933	22.6	17.8

423425 2005 PL_{17} 12 7.7 142.°44 4.°8/ 8.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 31.64	+35 26.1	1.863	2.691	13.9	21.2
11 17	5 22.92	+35 56.5	1.802	2.703	10.6	21.0
11 27	5 11.57	+36 12.6	1.766	2.715	7.1	20.8
12 7	4 58.78	+36 10.9	1.758	2.726	4.9	20.7
12 17	4 46.07	+35 51.0	1.779	2.736	6.0	20.8
12 27	4 34.93	+35 16.5	1.829	2.745	9.2	21.0
1 6	4 26.48	+34 33.6	1.904	2.753	12.4	21.2
1 16	4 21.28	+33 48.7	2.002	2.761	15.3	21.5

296856 2009 WK_{204} 12 7.7 286.°43 1.°9/ 8.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.30	+28 32.3	2.201	3.049	11.4	21.1
11 17	5 16.11	+28 42.3	2.118	3.038	8.2	20.9
11 27	5 7.93	+28 45.5	2.062	3.026	4.8	20.7
12 7	4 58.56	+28 40.9	2.034	3.015	2.0	20.5
12 17	4 49.04	+28 28.4	2.035	3.004	4.0	20.6
12 27	4 40.45	+28 10.0	2.066	2.993	7.6	20.8
1 6	4 33.71	+27 48.9	2.123	2.982	10.9	21.0
1 16	4 29.40	+27 28.2	2.203	2.971	13.8	21.2

262350 2006 TR_{67} 12 7.7 54.°63 2.°0/ 7.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.57	+18 19.0	1.776	2.639	12.9	20.7
11 17	5 16.32	+17 57.3	1.716	2.644	9.2	20.5
11 27	5 7.99	+17 36.2	1.680	2.649	5.1	20.3
12 7	4 58.56	+17 17.1	1.672	2.654	2.0	20.1
12 17	4 49.16	+17 1.9	1.692	2.659	4.9	20.3
12 27	4 40.94	+16 52.6	1.740	2.665	8.9	20.5
1 6	4 34.81	+16 50.7	1.814	2.670	12.6	20.8
1 16	4 31.29	+16 56.6	1.908	2.676	15.7	21.0

187675 2008 CN_{85} 12 7.7 220.°65 1.°2/ 7.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.67	+26 44.1	2.015	2.867	12.1	20.6
11 17	5 17.09	+26 42.6	1.943	2.865	8.7	20.4
11 27	5 8.43	+26 34.7	1.895	2.863	4.8	20.2
12 7	4 58.60	+26 19.9	1.877	2.860	1.3	19.9
12 17	4 48.71	+25 59.0	1.887	2.858	4.0	20.1
12 27	4 39.92	+25 34.6	1.927	2.855	7.9	20.4
1 6	4 33.14	+25 10.0	1.993	2.852	11.5	20.6
1 16	4 28.95	+24 48.3	2.081	2.850	14.5	20.8

111203 2001 WC_{27} 12 7.7 67.°57 1.°6/ 7.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.11	+18 13.6	1.825	2.685	12.8	19.8
11 17	5 16.62	+18 9.8	1.770	2.697	9.0	19.6
11 27	5 8.12	+18 7.3	1.740	2.709	4.9	19.4
12 7	4 58.57	+18 6.6	1.738	2.721	1.7	19.2
12 17	4 49.09	+18 8.5	1.764	2.733	4.6	19.4
12 27	4 40.80	+18 14.3	1.820	2.745	8.5	19.7
1 6	4 34.56	+18 24.8	1.900	2.757	12.1	19.9
1 16	4 30.89	+18 40.6	2.002	2.769	15.0	20.2

479386 2013 YZ_{10} 12 7.7 316.°54 1.°1/ 7.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.65	+21 36.6	1.335	2.209	15.6	21.1
11 17	5 17.86	+21 13.8	1.263	2.197	11.1	20.8
11 27	5 9.14	+20 47.2	1.213	2.185	6.0	20.5
12 7	4 58.65	+20 18.2	1.189	2.173	1.1	20.1
12 17	4 47.92	+19 49.3	1.191	2.162	5.6	20.4
12 27	4 38.65	+19 24.6	1.218	2.151	11.0	20.7
1 6	4 32.13	+19 7.5	1.269	2.141	15.8	20.9
1 16	4 29.09	+19 0.4	1.338	2.131	19.8	21.2

152045 2004 PS_{23} 12 7.7 51.°12 1.°0/ 7.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 22.54	+20 17.5	1.802	2.664	12.8	19.6
11 17	5 16.24	+20 12.7	1.749	2.678	9.0	19.4
11 27	5 7.92	+20 7.2	1.721	2.691	4.8	19.1
12 7	4 58.57	+20 1.6	1.721	2.705	1.0	18.9
12 17	4 49.30	+19 56.7	1.749	2.719	4.3	19.2
12 27	4 41.26	+19 54.3	1.806	2.734	8.4	19.4
1 6	4 35.31	+19 55.8	1.888	2.748	12.0	19.7
1 16	4 31.93	+20 2.3	1.991	2.763	15.0	19.9

144261 2004 CX_{93} 12 7.7 151.°42 6.°8/ 6.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 21.71	+ 3 32.3	2.051	2.885	12.6	20.2
11 17	5 15.44	+ 2 50.9	1.992	2.888	10.0	20.0
11 27	5 7.46	+ 2 21.9	1.958	2.892	7.7	19.9
12 7	4 58.55	+ 2 8.5	1.952	2.895	6.8	19.9
12 17	4 49.66	+ 2 12.8	1.973	2.899	8.0	20.0
12 27	4 41.73	+ 2 34.9	2.022	2.902	10.4	20.1
1 6	4 35.52	+ 3 12.7	2.094	2.904	13.0	20.3
1 16	4 31.53	+ 4 3.3	2.188	2.907	15.3	20.5

183071 2002 RO_{21} 12 7.7 81.°37 1.°3/ 7.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 25.35	+19 28.5	1.774	2.632	13.2	20.2
11 17	5 18.13	+19 22.3	1.728	2.654	9.2	20.0
11 27	5 8.89	+19 16.0	1.707	2.676	4.9	19.8
12 7	4 58.65	+19 10.1	1.714	2.698	1.3	19.6
12 17	4 48.61	+19 5.6	1.750	2.720	4.5	19.9
12 27	4 39.93	+19 4.2	1.815	2.741	8.6	20.2
1 6	4 33.44	+19 7.3	1.906	2.762	12.1	20.4
1 16	4 29.60	+19 15.7	2.018	2.783	15.0	20.7

149016 2002 AP_{61} 12 7.7 206.°16 2.°4/ 6.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 21.09	+15 44.0	2.448	3.298	10.3	20.3
11 17	5 14.91	+15 22.0	2.373	3.294	7.4	20.1
11 27	5 7.17	+15 1.9	2.325	3.290	4.3	19.9
12 7	4 58.56	+14 45.1	2.307	3.285	2.4	19.8
12 17	4 49.89	+14 33.0	2.318	3.280	4.3	19.9
12 27	4 42.01	+14 27.0	2.360	3.275	7.4	20.1
1 6	4 35.64	+14 27.8	2.428	3.269	10.4	20.3
1 16	4 31.25	+14 35.8	2.520	3.263	12.9	20.4

173135 1995 FO_7 12 7.7 335.°53 1.°3/ 7.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.97	+25 3.6	1.688	2.549	13.6	20.1
11 17	5 17.68	+25 25.7	1.618	2.545	9.7	19.8
11 27	5 8.92	+25 43.7	1.572	2.541	5.3	19.5
12 7	4 58.68	+25 55.8	1.553	2.537	1.3	19.3
12 17	4 48.27	+26 1.6	1.562	2.533	4.6	19.5
12 27	4 39.10	+26 2.4	1.599	2.530	9.0	19.7
1 6	4 32.25	+26 1.3	1.661	2.527	13.0	20.0
1 16	4 28.39	+26 1.0	1.744	2.524	16.4	20.2

203225 2001 FC_{97} 12 7.7 279.°13 2.°9/ 7.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 23.79	+14 47.2	1.782	2.640	13.1	20.2
11 17	5 17.46	+14 44.2	1.698	2.623	9.5	20.0
11 27	5 8.80	+14 45.9	1.639	2.605	5.6	19.7
12 7	4 58.69	+14 53.5	1.608	2.587	2.9	19.5
12 17	4 48.27	+15 7.7	1.605	2.569	5.5	19.6
12 27	4 38.82	+15 29.2	1.630	2.551	9.7	19.8
1 6	4 31.41	+15 58.0	1.680	2.533	13.6	20.0
1 16	4 26.76	+16 33.9	1.751	2.515	17.0	20.2

216343 Wenchang 12 7.7 332.°00 6.°4/ 5.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 20.43	+12 38.2	1.423	2.295	15.0	19.7
11 17	5 15.27	+10 56.4	1.354	2.281	11.2	19.4
11 27	5 7.65	+ 9 16.6	1.308	2.267	7.7	19.2
12 7	4 58.62	+ 7 46.7	1.288	2.255	6.4	19.1
12 17	4 49.46	+ 6 33.9	1.295	2.243	8.9	19.2
12 27	4 41.58	+ 5 43.9	1.327	2.232	12.8	19.4
1 6	4 36.04	+ 5 18.2	1.380	2.222	16.7	19.6
1 16	4 33.47	+ 5 15.4	1.452	2.213	20.0	19.8

132769 2002 PJ_{91} 12 7.7 80.°98 3.°6/ 8.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 27.98	+34 11.0	1.790	2.630	14.0	19.4
11 17	5 20.13	+33 56.8	1.739	2.649	10.3	19.2
11 27	5 9.98	+33 27.9	1.712	2.669	6.5	19.0
12 7	4 58.75	+32 43.8	1.713	2.688	3.7	18.9
12 17	4 47.85	+31 46.7	1.742	2.707	5.1	19.0
12 27	4 38.58	+30 42.1	1.800	2.726	8.6	19.2
1 6	4 31.87	+29 36.4	1.885	2.745	12.0	19.5
1 16	4 28.12	+28 35.0	1.991	2.764	14.9	19.7

16600 1993 DQ 12 7.7 175.°58 0.°3/ 7.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 28.90	+22 4.8	1.568	2.427	14.6	18.2
11 17	5 21.17	+22 5.5	1.503	2.429	10.4	18.0
11 27	5 10.76	+22 3.5	1.461	2.431	5.5	17.7
12 7	4 58.83	+21 58.2	1.447	2.432	0.4	17.3
12 17	4 46.83	+21 50.4	1.462	2.433	4.9	17.7
12 27	4 36.30	+21 42.3	1.505	2.433	9.8	18.0
1 6	4 28.37	+21 37.0	1.572	2.432	14.0	18.2
1 16	4 23.69	+21 36.9	1.661	2.431	17.5	18.4

25650 Shaubakshi 12 7.7 104.°12 3.°1/ 7.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 27.39	+15 11.6	1.579	2.438	14.5	18.6
11 17	5 19.75	+14 57.0	1.532	2.456	10.4	18.4
11 27	5 9.82	+14 46.8	1.508	2.474	6.0	18.2
12 7	4 58.76	+14 42.2	1.512	2.491	3.1	18.1
12 17	4 47.88	+14 44.5	1.545	2.508	5.8	18.3
12 27	4 38.49	+14 54.7	1.605	2.525	9.9	18.6
1 6	4 31.53	+15 12.9	1.690	2.541	13.6	18.8
1 16	4 27.49	+15 38.6	1.795	2.557	16.7	19.1

368989 2007 EC_{169} 12 7.7 208.°78 0.°3/ 7.6 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 21.68	+21 53.1	2.514	3.363	10.1	22.5
11 17	5 15.37	+21 48.9	2.436	3.359	7.1	22.3
11 27	5 7.45	+21 42.8	2.385	3.354	3.8	22.1
12 7	4 58.62	+21 35.0	2.364	3.349	0.4	21.8
12 17	4 49.71	+21 26.0	2.374	3.344	3.4	22.0
12 27	4 41.61	+21 17.4	2.414	3.339	6.8	22.2
1 6	4 35.03	+21 10.8	2.482	3.333	9.8	22.4
1 16	4 30.49	+21 7.7	2.573	3.326	12.4	22.6

254437 2005 AP_{20} 12 7.7 12.°70 3.°8/ 8.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
11 7	5 27.70	+31 58.6	1.183	2.050	17.8	19.9
11 17	5 21.04	+31 51.3	1.125	2.051	13.1	19.6
11 27	5 10.90	+31 27.1	1.087	2.052	8.0	19.3
12 7	4 58.84	+30 44.0	1.073	2.053	3.9	19.1
12 17	4 46.84	+29 44.5	1.085	2.056	6.3	19.2
12 27	4 36.94	+28 36.0	1.122	2.058	11.4	19.5
1 6	4 30.49	+27 27.8	1.182	2.061	16.2	19.8
1 16	4 28.07	+26 27.1	1.260	2.064	20.2	20.1

173435 2000 HT_{43} 12 7.7 142.°50 0.°5/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.38	+21 54.3	1.974	2.830	12.1	20.6
11 17	5 16.82	+21 42.1	1.907	2.833	8.5	20.4
11 27	5 8.29	+21 27.4	1.867	2.836	4.5	20.1
12 7	4 58.68	+21 10.6	1.854	2.839	0.6	19.8
12 17	4 49.06	+20 53.2	1.872	2.842	4.1	20.1
12 27	4 40.55	+20 37.2	1.918	2.844	8.1	20.4
1 6	4 34.01	+20 25.0	1.990	2.847	11.6	20.6
1 16	4 29.96	+20 18.3	2.084	2.849	14.6	20.8

244099 2001 UE_{143} 12 7.7 77.°98 0.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.89	+22 11.3	1.883	2.741	12.5	20.5
11 17	5 17.26	+22 21.4	1.822	2.749	8.9	20.3
11 27	5 8.55	+22 29.5	1.787	2.757	4.7	20.1
12 7	4 58.70	+22 35.0	1.780	2.765	0.3	19.7
12 17	4 48.85	+22 38.3	1.802	2.773	4.1	20.1
12 27	4 40.17	+22 40.6	1.853	2.781	8.2	20.3
1 6	4 33.57	+22 43.9	1.929	2.789	11.8	20.6
1 16	4 29.58	+22 49.9	2.028	2.797	14.8	20.8

251698 1996 DJ 12 7.7 297.°51 12.°4/11.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 41.53	+56 13.9	1.880	2.614	17.3	19.4
11 17	5 31.57	+56 44.9	1.772	2.576	15.5	19.1
11 27	5 16.90	+56 45.2	1.684	2.538	13.7	18.9
12 7	4 59.24	+56 3.8	1.618	2.499	12.6	18.8
12 17	4 41.25	+54 35.3	1.576	2.460	12.6	18.7
12 27	4 25.77	+52 23.4	1.560	2.421	14.1	18.7
1 6	4 14.75	+49 40.7	1.568	2.381	16.5	18.7
1 16	4 8.92	+46 43.3	1.598	2.341	19.2	18.8

109555 2001 QS_{260} 12 7.7 27.°89 2.°1/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.64	+17 7.0	1.715	2.578	13.3	19.2
11 17	5 16.49	+17 3.2	1.653	2.582	9.5	19.0
11 27	5 8.18	+17 1.9	1.617	2.585	5.3	18.7
12 7	4 58.68	+17 4.0	1.607	2.589	2.1	18.5
12 17	4 49.14	+17 10.3	1.626	2.594	5.0	18.7
12 27	4 40.80	+17 21.7	1.673	2.598	9.1	19.0
1 6	4 34.58	+17 38.8	1.744	2.603	12.9	19.2
1 16	4 31.06	+18 1.7	1.837	2.608	16.0	19.5

185020 Pratte 12 7.7 358.°01 6.°9/ 9.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.12	+37 18.7	1.301	2.158	17.1	19.3
11 17	5 17.90	+37 53.9	1.240	2.153	13.3	19.1
11 27	5 9.32	+38 10.0	1.199	2.150	9.5	18.9
12 7	4 58.75	+38 2.0	1.182	2.148	7.0	18.7
12 17	4 48.07	+37 29.3	1.189	2.147	8.1	18.8
12 27	4 39.25	+36 36.6	1.220	2.148	11.6	19.0
1 6	4 33.68	+35 33.0	1.274	2.150	15.5	19.2
1 16	4 32.03	+34 27.2	1.347	2.154	19.0	19.5

10485 1984 SY_5 12 7.7 45.°28 0.°8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.90	+20 39.3	2.075	2.934	11.5	17.7
11 17	5 14.95	+20 33.5	2.018	2.945	8.1	17.5
11 27	5 7.24	+20 26.9	1.986	2.956	4.3	17.3
12 7	4 58.62	+20 19.7	1.983	2.968	0.8	17.1
12 17	4 50.05	+20 13.0	2.009	2.979	3.9	17.3
12 27	4 42.51	+20 8.3	2.064	2.991	7.6	17.6
1 6	4 36.77	+20 7.0	2.146	3.004	10.9	17.8
1 16	4 33.30	+20 10.3	2.249	3.016	13.6	18.0

513367 2008 DF_{77} 12 7.7 318.°74 0.°6/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.76	+23 39.5	1.185	2.063	16.9	21.8
11 17	5 19.11	+23 48.3	1.113	2.049	12.2	21.5
11 27	5 10.06	+23 53.1	1.062	2.034	6.6	21.2
12 7	4 58.82	+23 52.4	1.036	2.021	0.8	20.7
12 17	4 47.18	+23 46.4	1.035	2.008	5.8	21.0
12 27	4 37.12	+23 38.0	1.058	1.996	11.7	21.3
1 6	4 30.22	+23 31.2	1.103	1.984	17.0	21.6
1 16	4 27.30	+23 29.5	1.166	1.973	21.4	21.9

424872 2008 VX_{52} 12 7.7 83.°45 3.°1/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.04	+14 40.2	2.318	3.171	10.7	20.9
11 17	5 14.13	+13 52.8	2.260	3.181	7.7	20.7
11 27	5 6.74	+13 7.9	2.229	3.192	4.7	20.6
12 7	4 58.60	+12 28.0	2.227	3.202	3.1	20.5
12 17	4 50.54	+11 55.5	2.255	3.212	4.9	20.6
12 27	4 43.39	+11 32.4	2.312	3.222	7.8	20.8
1 6	4 37.80	+11 19.6	2.395	3.232	10.7	21.0
1 16	4 34.18	+11 16.9	2.501	3.242	13.0	21.2

195863 2002 QV_{90} 12 7.7 145.°98 2.°8/ 8.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.23	+31 13.5	2.396	3.234	10.9	20.4
11 17	5 16.65	+31 37.5	2.325	3.236	8.0	20.2
11 27	5 8.20	+31 53.6	2.280	3.238	5.0	20.1
12 7	4 58.70	+32 0.1	2.264	3.240	2.9	19.9
12 17	4 49.13	+31 56.6	2.278	3.241	4.2	20.0
12 27	4 40.50	+31 44.7	2.321	3.243	7.2	20.2
1 6	4 33.67	+31 27.5	2.391	3.244	10.1	20.4
1 16	4 29.15	+31 8.4	2.485	3.246	12.6	20.6

276808 2004 PD_{24} 12 7.7 104.°53 1.°7/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.77	+18 50.5	1.736	2.593	13.5	20.8
11 17	5 19.20	+18 34.6	1.687	2.613	9.5	20.6
11 27	5 9.51	+18 18.9	1.663	2.632	5.1	20.4
12 7	4 58.78	+18 4.4	1.667	2.650	1.7	20.2
12 17	4 48.25	+17 52.6	1.701	2.669	4.8	20.5
12 27	4 39.11	+17 45.5	1.763	2.686	8.9	20.8
1 6	4 32.25	+17 44.5	1.851	2.704	12.5	21.0
1 16	4 28.13	+17 50.5	1.960	2.720	15.5	21.3

50794 2000 FH_{24} 12 7.7 337.°01 8.°1/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.73	+ 2 1.9	1.738	2.576	14.4	19.1
11 17	5 15.79	+ 1 26.0	1.677	2.573	11.5	18.9
11 27	5 7.82	+ 1 6.0	1.639	2.571	9.1	18.7
12 7	4 58.70	+ 1 6.0	1.626	2.568	8.1	18.7
12 17	4 49.51	+ 1 27.9	1.640	2.566	9.3	18.7
12 27	4 41.40	+ 2 11.0	1.680	2.564	11.9	18.9
1 6	4 35.26	+ 3 12.0	1.743	2.562	14.8	19.1
1 16	4 31.66	+ 4 26.6	1.826	2.561	17.4	19.3

363707 2004 TC_{351} 12 7.7 74.°21 3.°1/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.21	+15 10.5	2.066	2.922	11.7	21.2
11 17	5 15.08	+14 27.7	2.012	2.935	8.4	21.0
11 27	5 7.28	+13 47.6	1.984	2.948	5.0	20.9
12 7	4 58.66	+13 12.6	1.985	2.961	3.1	20.8
12 17	4 50.15	+12 45.3	2.015	2.974	5.1	20.9
12 27	4 42.67	+12 27.4	2.074	2.987	8.4	21.1
1 6	4 36.96	+12 19.9	2.158	3.000	11.4	21.4
1 16	4 33.45	+12 22.4	2.264	3.013	14.0	21.6

24576 4406 T_{-1} 12 7.7 264.°63 7.°5/ 8.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.26	+40 37.6	1.811	2.629	14.7	18.5
11 17	5 22.56	+41 47.7	1.743	2.628	11.8	18.3
11 27	5 11.73	+42 41.3	1.699	2.627	9.1	18.2
12 7	4 58.97	+43 12.0	1.681	2.626	7.6	18.1
12 17	4 45.92	+43 16.8	1.690	2.625	8.3	18.1
12 27	4 34.37	+42 57.8	1.725	2.624	10.8	18.3
1 6	4 25.71	+42 21.9	1.784	2.623	13.6	18.4
1 16	4 20.72	+41 36.8	1.865	2.622	16.3	18.6

179241 2001 UQ_{89} 12 7.7 36.°49 2.°2/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.24	+18 0.8	1.726	2.591	13.2	20.5
11 17	5 16.17	+17 33.8	1.667	2.596	9.4	20.3
11 27	5 8.01	+17 7.7	1.632	2.601	5.2	20.1
12 7	4 58.73	+16 44.1	1.624	2.606	2.2	19.9
12 17	4 49.48	+16 25.3	1.645	2.612	5.1	20.1
12 27	4 41.44	+16 13.4	1.694	2.618	9.1	20.3
1 6	4 35.52	+16 9.8	1.767	2.624	12.8	20.6
1 16	4 32.22	+16 15.0	1.861	2.631	15.9	20.8

351091 2003 UC_{178} 12 7.7 39.°52 2.°3/ 8.2 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.42	+28 18.1	1.433	2.297	15.4	21.2
11 17	5 18.86	+28 26.8	1.381	2.307	11.1	21.0
11 27	5 9.57	+28 26.0	1.351	2.319	6.3	20.8
12 7	4 58.84	+28 14.4	1.348	2.330	2.4	20.6
12 17	4 48.23	+27 52.9	1.372	2.343	5.1	20.8
12 27	4 39.29	+27 25.3	1.422	2.355	9.7	21.1
1 6	4 33.13	+26 56.8	1.496	2.369	13.9	21.3
1 16	4 30.29	+26 31.5	1.591	2.382	17.3	21.6

420222 2011 HR_{20} 12 7.7 271.°66 1.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.27	+18 27.5	2.396	3.250	10.3	21.4
11 17	5 14.49	+18 9.5	2.313	3.237	7.4	21.2
11 27	5 7.07	+17 51.5	2.256	3.224	4.1	21.0
12 7	4 58.70	+17 34.5	2.228	3.210	1.6	20.8
12 17	4 50.19	+17 20.0	2.230	3.197	4.0	20.9
12 27	4 42.45	+17 9.5	2.262	3.184	7.3	21.1
1 6	4 36.23	+17 4.4	2.321	3.170	10.5	21.3
1 16	4 32.04	+17 5.5	2.403	3.157	13.2	21.5

223732 2004 RV_{139} 12 7.7 181.°60 4.°6/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.81	+36 28.8	2.266	3.091	11.9	20.5
11 17	5 18.68	+36 56.8	2.194	3.091	9.2	20.4
11 27	5 9.38	+37 12.7	2.147	3.091	6.4	20.2
12 7	4 58.85	+37 13.7	2.128	3.091	4.6	20.1
12 17	4 48.23	+36 59.2	2.138	3.091	5.5	20.1
12 27	4 38.74	+36 31.5	2.177	3.091	8.1	20.3
1 6	4 31.33	+35 55.1	2.242	3.090	10.9	20.5
1 16	4 26.58	+35 15.1	2.331	3.089	13.4	20.7

311841 2006 VB_{64} 12 7.7 303.°43 0.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.39	+21 59.4	1.855	2.715	12.6	20.8
11 17	5 17.11	+22 11.2	1.782	2.709	9.0	20.5
11 27	5 8.61	+22 21.5	1.733	2.703	4.8	20.3
12 7	4 58.80	+22 29.7	1.713	2.698	0.3	19.9
12 17	4 48.83	+22 35.7	1.721	2.693	4.2	20.2
12 27	4 39.94	+22 40.7	1.758	2.687	8.5	20.5
1 6	4 33.11	+22 46.7	1.821	2.682	12.3	20.7
1 16	4 28.97	+22 55.3	1.905	2.677	15.5	20.9

344875 2004 NQ_{33} 12 7.7 85.°08 8.°5/11.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 35.75	+45 47.5	1.644	2.443	16.8	20.6
11 17	5 26.14	+46 6.9	1.598	2.467	13.7	20.5
11 27	5 13.35	+46 0.0	1.574	2.489	10.7	20.3
12 7	4 59.09	+45 22.3	1.575	2.512	8.7	20.3
12 17	4 45.39	+44 15.2	1.602	2.534	9.0	20.3
12 27	4 34.09	+42 46.1	1.656	2.556	11.0	20.5
1 6	4 26.30	+41 6.1	1.735	2.578	13.7	20.7
1 16	4 22.40	+39 25.2	1.835	2.599	16.3	21.0

207240 2005 EB_{169} 12 7.7 227.°78 2.°6/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.30	+14 10.2	2.272	3.118	11.1	20.6
11 17	5 17.41	+14 14.9	2.189	3.107	8.1	20.4
11 27	5 8.66	+14 24.1	2.132	3.095	4.8	20.2
12 7	4 58.81	+14 38.2	2.104	3.083	2.6	20.0
12 17	4 48.75	+14 57.5	2.107	3.070	4.6	20.2
12 27	4 39.50	+15 22.1	2.141	3.056	8.0	20.3
1 6	4 31.89	+15 52.1	2.201	3.042	11.3	20.5
1 16	4 26.50	+16 27.0	2.285	3.028	14.1	20.7

275157 2009 VZ_{110} 12 7.7 356.°60 3.°0/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.06	+29 43.6	1.716	2.575	13.5	20.0
11 17	5 16.40	+30 7.0	1.649	2.571	9.9	19.8
11 27	5 8.30	+30 21.9	1.605	2.568	6.0	19.5
12 7	4 58.78	+30 26.1	1.587	2.567	3.0	19.4
12 17	4 49.14	+30 19.2	1.597	2.566	5.0	19.5
12 27	4 40.75	+30 3.6	1.635	2.565	8.9	19.7
1 6	4 34.69	+29 43.2	1.697	2.566	12.7	19.9
1 16	4 31.58	+29 22.4	1.780	2.567	15.9	20.2

330556 2008 BX_{25} 12 7.7 30.°32 0.°2/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.07	+21 17.6	1.231	2.105	16.7	20.2
11 17	5 20.40	+21 38.2	1.174	2.108	11.9	19.9
11 27	5 10.58	+21 58.4	1.139	2.111	6.3	19.6
12 7	4 58.94	+22 16.4	1.130	2.115	0.4	19.2
12 17	4 47.21	+22 31.6	1.146	2.119	5.5	19.6
12 27	4 37.22	+22 45.2	1.189	2.123	11.0	19.9
1 6	4 30.29	+22 59.7	1.254	2.128	15.8	20.2
1 16	4 27.11	+23 17.1	1.338	2.133	19.7	20.5

258820 2002 NW_{62} 12 7.7 327.°49 2.°3/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.64	+29 49.9	2.115	2.963	11.8	20.4
11 17	5 16.41	+29 56.0	2.042	2.960	8.6	20.2
11 27	5 8.17	+29 53.9	1.994	2.957	5.1	20.0
12 7	4 58.78	+29 42.4	1.974	2.954	2.4	19.8
12 17	4 49.32	+29 22.1	1.983	2.951	4.2	19.9
12 27	4 40.92	+28 55.3	2.021	2.948	7.7	20.1
1 6	4 34.46	+28 25.7	2.085	2.946	11.0	20.3
1 16	4 30.51	+27 57.1	2.172	2.944	13.9	20.5

157562 2005 UU_{120} 12 7.7 312.°96 1.°9/ 8.0 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.95	+26 45.0	1.431	2.296	15.3	20.2
11 17	5 19.51	+26 58.6	1.361	2.290	11.1	20.0
11 27	5 10.10	+27 5.0	1.314	2.283	6.2	19.7
12 7	4 58.91	+27 2.3	1.293	2.277	2.0	19.4
12 17	4 47.51	+26 50.3	1.299	2.271	5.3	19.6
12 27	4 37.61	+26 32.1	1.332	2.265	10.2	19.9
1 6	4 30.50	+26 12.3	1.388	2.259	14.8	20.1
1 16	4 26.91	+25 55.4	1.464	2.254	18.5	20.3

153372 2001 QG_{13} 12 7.7 117.°95 4.°1/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.66	+35 23.6	2.198	3.024	12.2	20.2
11 17	5 19.82	+35 40.1	2.140	3.040	9.2	20.1
11 27	5 9.89	+35 44.0	2.107	3.056	6.1	19.9
12 7	4 58.90	+35 33.4	2.103	3.071	4.1	19.8
12 17	4 48.02	+35 8.5	2.128	3.086	5.1	19.9
12 27	4 38.44	+34 32.4	2.183	3.100	7.8	20.1
1 6	4 31.04	+33 50.1	2.264	3.113	10.7	20.3
1 16	4 26.32	+33 6.5	2.369	3.127	13.2	20.5

63493 2001 OY_{62} 12 7.7 26.°34 2.°2/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.89	+27 1.8	1.134	2.013	17.5	17.7
11 17	5 18.95	+27 17.8	1.089	2.023	12.5	17.5
11 27	5 9.78	+27 24.9	1.064	2.034	7.0	17.2
12 7	4 58.89	+27 21.1	1.063	2.047	2.3	16.9
12 17	4 48.15	+27 7.2	1.087	2.060	5.8	17.2
12 27	4 39.40	+26 47.2	1.136	2.074	11.0	17.5
1 6	4 33.91	+26 26.5	1.207	2.090	15.7	17.9
1 16	4 32.19	+26 9.4	1.297	2.106	19.5	18.2

335328 2005 QT_{143} 12 7.7 143.°02 2.°3/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.71	+29 20.6	1.888	2.730	13.2	22.3
11 17	5 21.42	+29 27.9	1.827	2.743	9.6	22.1
11 27	5 10.80	+29 25.8	1.792	2.754	5.6	21.9
12 7	4 58.97	+29 12.9	1.785	2.765	2.4	21.7
12 17	4 47.22	+28 49.9	1.808	2.776	4.5	21.9
12 27	4 36.90	+28 20.0	1.860	2.785	8.4	22.2
1 6	4 28.98	+27 47.9	1.939	2.794	12.0	22.4
1 16	4 24.00	+27 17.7	2.040	2.802	15.0	22.6

414357 2008 TL_{79} 12 7.7 296.°51 4.°3/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.25	+34 33.3	2.230	3.063	11.8	20.7
11 17	5 17.70	+35 12.8	2.150	3.053	9.0	20.5
11 27	5 8.95	+35 42.3	2.095	3.044	6.1	20.3
12 7	4 58.85	+35 58.9	2.067	3.034	4.3	20.2
12 17	4 48.52	+36 1.0	2.069	3.025	5.4	20.2
12 27	4 39.17	+35 50.2	2.100	3.016	8.2	20.4
1 6	4 31.81	+35 30.1	2.157	3.007	11.1	20.6
1 16	4 27.10	+35 5.3	2.236	2.998	13.8	20.7

285598 2000 QH_{146} 12 7.7 106.°85 2.°8/ 7.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.39	+16 4.4	1.478	2.337	15.3	21.0
11 17	5 21.31	+15 54.1	1.432	2.357	10.9	20.8
11 27	5 10.75	+15 47.5	1.410	2.377	6.1	20.6
12 7	4 58.97	+15 45.6	1.415	2.396	2.8	20.4
12 17	4 47.41	+15 49.4	1.448	2.414	5.8	20.7
12 27	4 37.50	+16 0.0	1.509	2.432	10.2	21.0
1 6	4 30.23	+16 17.8	1.595	2.449	14.2	21.3
1 16	4 26.09	+16 42.7	1.701	2.465	17.4	21.5

191170 2002 MF_3 12 7.7 97.°73 6.°9/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.25	− 0 3.1	2.494	3.310	11.3	20.5
11 17	5 14.14	− 0 50.4	2.453	3.330	9.1	20.4
11 27	5 6.73	− 1 24.8	2.437	3.351	7.5	20.3
12 7	4 58.71	− 1 43.3	2.448	3.370	6.9	20.3
12 17	4 50.80	− 1 44.5	2.488	3.390	7.8	20.4
12 27	4 43.74	− 1 28.5	2.555	3.409	9.5	20.5
1 6	4 38.10	− 0 57.3	2.646	3.428	11.4	20.7
1 16	4 34.27	− 0 13.6	2.759	3.447	13.1	20.9

170194 2003 OL_7 12 7.7 123.°77 1.°9/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.51	+18 39.5	1.994	2.846	12.2	20.6
11 17	5 18.16	+18 9.5	1.939	2.862	8.6	20.4
11 27	5 8.97	+17 39.2	1.910	2.878	4.7	20.2
12 7	4 58.86	+17 10.4	1.911	2.893	1.9	20.0
12 17	4 48.90	+16 45.0	1.942	2.908	4.5	20.3
12 27	4 40.13	+16 25.3	2.002	2.922	8.2	20.5
1 6	4 33.35	+16 13.1	2.088	2.935	11.6	20.7
1 16	4 29.01	+16 9.0	2.197	2.948	14.3	21.0

167105 2003 SD_{52} 12 7.7 88.°84 1.°8/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.44	+26 54.6	1.727	2.580	13.7	20.1
11 17	5 19.92	+27 13.7	1.676	2.598	9.8	19.9
11 27	5 10.04	+27 26.1	1.649	2.615	5.5	19.7
12 7	4 58.93	+27 29.9	1.650	2.632	1.9	19.5
12 17	4 47.95	+27 25.4	1.679	2.649	4.5	19.7
12 27	4 38.44	+27 14.9	1.738	2.666	8.6	20.0
1 6	4 31.36	+27 2.1	1.821	2.682	12.3	20.3
1 16	4 27.24	+26 50.5	1.927	2.699	15.4	20.5

255122 2005 UB_{114} 12 7.7 3.°90 0.°8/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.33	+24 44.0	1.686	2.550	13.4	20.3
11 17	5 16.48	+24 48.2	1.621	2.550	9.6	20.1
11 27	5 8.31	+24 47.6	1.581	2.550	5.2	19.9
12 7	4 58.83	+24 41.8	1.567	2.551	0.9	19.6
12 17	4 49.28	+24 31.4	1.581	2.553	4.4	19.8
12 27	4 40.98	+24 18.8	1.622	2.555	8.8	20.1
1 6	4 34.94	+24 6.9	1.688	2.557	12.7	20.3
1 16	4 31.75	+23 58.4	1.776	2.560	16.0	20.6

455973 2005 WH_{18} 12 7.7 27.°01 0.°5/ 7.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.39	+24 1.3	1.737	2.601	13.2	21.0
11 17	5 16.29	+23 14.8	1.677	2.606	9.3	20.8
11 27	5 8.08	+22 22.2	1.642	2.612	4.9	20.6
12 7	4 58.81	+21 25.8	1.634	2.619	0.5	20.3
12 17	4 49.64	+20 29.1	1.655	2.626	4.4	20.6
12 27	4 41.78	+19 36.6	1.704	2.634	8.7	20.9
1 6	4 36.10	+18 52.2	1.779	2.641	12.5	21.1
1 16	4 33.08	+18 18.1	1.875	2.650	15.6	21.3

192036 2005 YW_{273} 12 7.7 215.°61 4.°7/ 9.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.35	+38 19.5	2.413	3.230	11.5	20.5
11 17	5 18.28	+38 33.6	2.336	3.226	9.0	20.3
11 27	5 9.16	+38 34.3	2.284	3.223	6.4	20.1
12 7	4 58.89	+38 19.4	2.259	3.219	4.8	20.0
12 17	4 48.57	+37 48.8	2.264	3.214	5.4	20.1
12 27	4 39.35	+37 5.3	2.298	3.210	7.8	20.2
1 6	4 32.12	+36 13.6	2.359	3.205	10.5	20.4
1 16	4 27.44	+35 18.9	2.444	3.201	12.9	20.5

159761 2003 GF_{27} 12 7.7 198.°58 0.°7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.71	+21 34.5	1.939	2.792	12.4	20.8
11 17	5 18.60	+21 20.2	1.865	2.790	8.8	20.6
11 27	5 9.36	+21 3.2	1.817	2.787	4.7	20.3
12 7	4 58.91	+20 44.1	1.798	2.783	0.7	20.0
12 17	4 48.38	+20 24.3	1.809	2.779	4.3	20.3
12 27	4 38.97	+20 6.1	1.849	2.774	8.4	20.5
1 6	4 31.61	+19 52.2	1.915	2.769	12.2	20.8
1 16	4 26.89	+19 44.3	2.003	2.763	15.3	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
167777	2005 AC_{16}	12 7.7 213.°89	6.°4/ 6.8	18		
	h m	° ′			°	m
11 7	5 23.86	+ 4 38.8	1.927	2.763	13.2	19.8
11 17	5 17.22	+ 4 22.7	1.858	2.759	10.3	19.6
11 27	5 8.60	+ 4 19.5	1.815	2.756	7.6	19.4
12 7	4 58.86	+ 4 31.9	1.798	2.751	6.4	19.4
12 17	4 49.02	+ 5 0.8	1.810	2.747	7.7	19.4
12 27	4 40.15	+ 5 45.7	1.849	2.742	10.5	19.6
1 6	4 33.15	+ 6 43.9	1.913	2.737	13.5	19.8
1 16	4 28.58	+ 7 52.3	1.999	2.732	16.1	20.0
238008	2002 TD_{212}	12 7.7 106.°09	7.°2/ 6.4	18		
11 7	5 20.03	− 2 14.4	2.530	3.337	11.4	20.3
11 17	5 14.05	− 2 40.3	2.478	3.347	9.4	20.2
11 27	5 6.74	− 2 51.7	2.452	3.358	7.8	20.1
12 7	4 58.74	− 2 46.3	2.452	3.369	7.2	20.1
12 17	4 50.79	− 2 23.2	2.480	3.379	7.9	20.2
12 27	4 43.62	− 1 43.2	2.535	3.389	9.6	20.3
1 6	4 37.85	− 0 48.8	2.616	3.399	11.4	20.4
1 16	4 33.87	+ 0 16.8	2.718	3.409	13.2	20.6
40442	1999 RO_{35}	12 7.7 54.°65	0.°1/ 7.7	18		
11 7	5 28.24	+23 2.2	1.359	2.226	15.9	18.3
11 17	5 20.52	+23 1.3	1.328	2.258	11.1	18.1
11 27	5 10.30	+22 56.4	1.321	2.291	5.8	17.9
12 7	4 58.97	+22 47.4	1.339	2.324	0.4	17.6
12 17	4 48.10	+22 35.8	1.385	2.357	4.9	18.0
12 27	4 39.13	+22 24.4	1.459	2.390	9.6	18.3
1 6	4 33.00	+22 16.2	1.556	2.423	13.7	18.7
1 16	4 30.08	+22 13.3	1.673	2.456	16.9	19.0
464537	2016 CG_{23}	12 7.7 320.°68	8.°5/ 5.6	18		
11 7	5 19.00	+ 0 13.4	1.922	2.754	13.4	20.6
11 17	5 13.90	− 0 33.4	1.846	2.734	11.1	20.4
11 27	5 6.90	− 1 5.1	1.793	2.714	9.2	20.2
12 7	4 58.77	− 1 17.0	1.765	2.695	8.5	20.2
12 17	4 50.42	− 1 6.2	1.763	2.676	9.7	20.2
12 27	4 42.91	− 0 32.4	1.787	2.658	12.0	20.3
1 6	4 37.11	+ 0 22.1	1.833	2.641	14.6	20.4
1 16	4 33.61	+ 1 33.1	1.900	2.624	17.2	20.6
274993	2009 TB_{17}	12 7.7 82.°32	1.°8/ 7.4	18		
11 7	5 22.60	+16 33.4	2.142	2.996	11.4	19.9
11 17	5 16.16	+16 43.8	2.082	3.005	8.1	19.7
11 27	5 7.97	+16 57.0	2.048	3.015	4.5	19.5
12 7	4 58.84	+17 13.0	2.042	3.024	1.8	19.4
12 17	4 49.69	+17 31.9	2.067	3.034	4.2	19.6
12 27	4 41.52	+17 53.9	2.121	3.044	7.7	19.8
1 6	4 35.09	+18 19.1	2.202	3.053	10.9	20.0
1 16	4 30.91	+18 47.8	2.305	3.062	13.6	20.2
145918	1999 VC_{77}	12 7.7 349.°46	0.°1/ 7.7	18		
11 7	5 23.20	+21 29.0	1.072	1.958	17.6	19.5
11 17	5 18.12	+21 49.3	1.011	1.950	12.6	19.2
11 27	5 9.61	+22 9.4	0.970	1.944	6.8	18.9
12 7	4 58.96	+22 27.9	0.953	1.938	0.5	18.4
12 17	4 48.03	+22 44.1	0.960	1.934	6.0	18.8
12 27	4 38.84	+22 59.2	0.991	1.931	12.0	19.1
1 6	4 32.92	+23 15.5	1.043	1.930	17.2	19.4
1 16	4 31.04	+23 35.0	1.113	1.929	21.6	19.7
10312	1990 QT_{9}	12 7.7 142.°02	0.°7/ 7.6	18		
11 7	5 28.83	+21 25.2	1.557	2.416	14.6	18.0
11 17	5 21.07	+21 18.2	1.498	2.425	10.4	17.8
11 27	5 10.74	+21 8.9	1.463	2.433	5.5	17.5
12 7	4 59.03	+20 57.3	1.456	2.441	0.8	17.2
12 17	4 47.37	+20 44.7	1.478	2.448	4.9	17.5
12 27	4 37.23	+20 33.7	1.527	2.455	9.7	17.8
1 6	4 29.70	+20 26.9	1.602	2.461	13.8	18.1
1 16	4 25.33	+20 26.4	1.697	2.467	17.2	18.3
221765	2007 GC_{26}	12 7.7 309.°12	1.°1/ 7.4	18		
11 7	5 21.69	+20 8.6	2.052	2.910	11.6	20.1
11 17	5 15.67	+19 53.8	1.981	2.908	8.2	19.9
11 27	5 7.78	+19 37.9	1.936	2.905	4.4	19.6
12 7	4 58.84	+19 22.0	1.919	2.903	1.1	19.4
12 17	4 49.83	+19 7.2	1.932	2.901	4.1	19.6
12 27	4 41.81	+18 55.6	1.973	2.899	8.0	19.8
1 6	4 35.61	+18 48.7	2.041	2.897	11.4	20.1
1 16	4 31.76	+18 48.0	2.130	2.895	14.3	20.3
80643	2000 AO_{223}	12 7.7 125.°92	3.°3/ 7.2	18		
11 7	5 26.30	+14 44.0	1.596	2.455	14.3	19.9
11 17	5 19.17	+14 29.0	1.539	2.464	10.3	19.7
11 27	5 9.70	+14 18.8	1.506	2.472	6.1	19.4
12 7	4 58.96	+14 14.8	1.500	2.479	3.3	19.3
12 17	4 48.26	+14 18.4	1.523	2.487	5.9	19.5
12 27	4 38.93	+14 30.5	1.573	2.494	10.0	19.7
1 6	4 31.95	+14 51.2	1.648	2.500	13.9	20.0
1 16	4 27.88	+15 19.9	1.743	2.507	17.1	20.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
492356	2014 HC_{27}	12 7.7 168.°16	0.°9/ 7.9	18		
	h m	° ′			°	m
11 7	5 25.63	+25 25.4	2.150	2.997	11.6	22.0
11 17	5 18.41	+25 30.2	2.080	3.001	8.3	21.8
11 27	5 9.22	+25 30.0	2.037	3.004	4.5	21.5
12 7	4 58.94	+25 24.3	2.023	3.007	1.0	21.3
12 17	4 48.62	+25 13.4	2.039	3.009	3.8	21.5
12 27	4 39.37	+24 59.3	2.085	3.011	7.6	21.7
1 6	4 32.06	+24 44.8	2.158	3.012	10.9	21.9
1 16	4 27.22	+24 32.6	2.254	3.013	13.8	22.2
368342	2002 QS_{64}	12 7.7 209.°36	4.°9/ 9.4	18		
11 7	5 25.74	+40 49.6	2.932	3.731	10.2	22.0
11 17	5 18.39	+41 13.9	2.849	3.724	8.1	21.9
11 27	5 9.19	+41 25.8	2.793	3.717	6.1	21.8
12 7	4 58.93	+41 22.9	2.764	3.710	4.9	21.7
12 17	4 48.57	+41 4.5	2.765	3.702	5.4	21.7
12 27	4 39.12	+40 32.5	2.796	3.694	7.1	21.8
1 6	4 31.39	+39 50.7	2.854	3.686	9.3	21.9
1 16	4 25.94	+39 3.6	2.937	3.676	11.3	22.1
68745	2002 EP_{45}	12 7.7 348.°57	1.°0/ 7.6	18		
11 7	5 26.77	+19 41.2	1.212	2.087	16.8	18.8
11 17	5 20.32	+19 58.3	1.151	2.085	12.0	18.5
11 27	5 10.65	+20 17.0	1.111	2.083	6.5	18.2
12 7	4 59.05	+20 36.4	1.096	2.081	1.0	17.8
12 17	4 47.24	+20 55.7	1.108	2.080	5.8	18.2
12 27	4 37.11	+21 15.8	1.145	2.079	11.4	18.5
1 6	4 30.04	+21 38.3	1.204	2.079	16.3	18.8
1 16	4 26.77	+22 4.5	1.282	2.079	20.3	19.0
431617	2007 VX_{307}	12 7.7 328.°43	0.°8/ 7.5	18		
11 7	5 26.15	+22 55.1	1.242	2.116	16.5	21.3
11 17	5 19.76	+22 21.5	1.179	2.113	11.8	21.0
11 27	5 10.27	+21 41.8	1.138	2.110	6.3	20.7
12 7	4 59.02	+20 57.6	1.122	2.106	0.9	20.3
12 17	4 47.71	+20 12.8	1.132	2.104	5.7	20.6
12 27	4 38.12	+19 32.5	1.167	2.101	11.3	20.9
1 6	4 31.54	+19 1.6	1.226	2.099	16.2	21.2
1 16	4 28.61	+18 42.5	1.303	2.097	20.2	21.5
134201	2005 EJ_{72}	12 7.7 352.°25	2.°0/ 7.4	17		
11 7	5 21.25	+15 59.1	2.109	2.965	11.5	19.3
11 17	5 15.34	+16 6.9	2.039	2.963	8.2	19.1
11 27	5 7.61	+16 18.3	1.995	2.962	4.6	18.9
12 7	4 58.85	+16 33.5	1.979	2.961	2.0	18.7
12 17	4 49.99	+16 52.5	1.993	2.960	4.4	18.8
12 27	4 42.02	+17 15.7	2.036	2.959	7.9	19.1
1 6	4 35.78	+17 43.1	2.105	2.959	11.2	19.3
1 16	4 31.78	+18 14.5	2.197	2.958	14.0	19.5
140615	2001 UA_{7}	12 7.7 334.°71	1.°9/ 7.9	17		
11 7	5 23.28	+25 59.8	1.588	2.452	14.1	19.2
11 17	5 17.50	+26 30.0	1.513	2.441	10.2	18.9
11 27	5 9.06	+26 55.7	1.463	2.431	5.7	18.6
12 7	4 58.96	+27 14.5	1.438	2.421	1.9	18.3
12 17	4 48.57	+27 25.2	1.441	2.412	4.9	18.5
12 27	4 39.41	+27 29.1	1.472	2.404	9.5	18.8
1 6	4 32.69	+27 29.3	1.526	2.397	13.7	19.0
1 16	4 29.16	+27 29.1	1.601	2.390	17.3	19.2
95488	2002 EV_{25}	12 7.7 285.°69	1.°0/ 7.5	17		
11 7	5 21.95	+20 26.6	2.052	2.909	11.7	19.7
11 17	5 15.88	+20 13.3	1.980	2.906	8.3	19.5
11 27	5 7.91	+19 58.8	1.934	2.903	4.4	19.2
12 7	4 58.88	+19 43.9	1.916	2.900	1.0	19.0
12 17	4 49.77	+19 29.7	1.927	2.897	4.1	19.2
12 27	4 41.65	+19 18.2	1.968	2.894	8.0	19.4
1 6	4 35.35	+19 11.2	2.035	2.891	11.4	19.7
1 16	4 31.42	+19 10.1	2.123	2.888	14.4	19.8
356764	2011 UP_{261}	12 7.7 113.°35	2.°7/ 8.2	18		
11 7	5 25.93	+29 29.1	1.883	2.732	13.0	21.3
11 17	5 18.95	+29 54.3	1.817	2.735	9.5	21.1
11 27	5 9.64	+30 11.4	1.776	2.739	5.6	20.9
12 7	4 59.00	+30 18.1	1.763	2.742	2.8	20.7
12 17	4 48.28	+30 14.0	1.779	2.746	4.7	20.8
12 27	4 38.82	+30 1.3	1.823	2.749	8.5	21.1
1 6	4 31.61	+29 43.7	1.893	2.753	12.0	21.3
1 16	4 27.27	+29 25.5	1.985	2.756	15.0	21.5
57689	2001 UM_{73}	12 7.7 218.°08	0.°1/ 7.7	18	R	
11 7	5 26.58	+22 50.0	1.886	2.739	12.7	20.0
11 17	5 19.39	+22 51.3	1.808	2.732	9.1	19.8
11 27	5 9.89	+22 49.5	1.755	2.724	4.9	19.5
12 7	4 59.02	+22 44.2	1.731	2.716	0.3	19.1
12 17	4 47.97	+22 35.8	1.737	2.707	4.3	19.4
12 27	4 38.03	+22 26.3	1.771	2.698	8.6	19.7
1 6	4 30.23	+22 18.3	1.832	2.688	12.5	19.9
1 16	4 25.21	+22 14.4	1.914	2.678	15.7	20.1

158035 2000 SA_{56} 12 7.7 135.°68 2.°4/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.97	+29 19.7	1.852	2.698	13.3	20.3
11 17	5 20.30	+29 29.3	1.790	2.707	9.6	20.1
11 27	5 10.30	+29 29.8	1.753	2.717	5.6	19.8
12 7	4 59.04	+29 19.7	1.745	2.725	2.4	19.7
12 17	4 47.83	+28 59.5	1.765	2.734	4.6	19.8
12 27	4 38.00	+28 32.2	1.815	2.742	8.5	20.1
1 6	4 30.54	+28 2.4	1.891	2.749	12.1	20.3
1 16	4 25.99	+27 34.3	1.989	2.756	15.1	20.5

470952 2009 OM_{10} 12 7.7 115.°52 5.°0/ 9.2 18

11 7	5 33.92	+36 37.0	1.747	2.573	14.8	21.7
11 17	5 24.56	+36 50.7	1.696	2.595	11.3	21.5
11 27	5 12.52	+36 47.4	1.670	2.617	7.6	21.3
12 7	4 59.19	+36 24.2	1.671	2.638	5.1	21.2
12 17	4 46.18	+35 42.1	1.701	2.658	6.2	21.4
12 27	4 35.06	+34 46.5	1.760	2.677	9.3	21.6
1 6	4 26.86	+33 44.8	1.844	2.696	12.7	21.8
1 16	4 22.04	+32 44.0	1.951	2.713	15.5	22.1

209871 2005 JZ_{68} 12 7.7 328.°40 2.°7/ 7.6 18

11 7	5 25.16	+13 54.2	1.620	2.480	14.1	19.4
11 17	5 18.61	+14 26.0	1.548	2.473	10.2	19.2
11 27	5 9.57	+15 6.3	1.501	2.468	5.9	18.9
12 7	4 59.01	+15 54.1	1.481	2.462	2.7	18.7
12 17	4 48.18	+16 47.9	1.490	2.457	5.4	18.9
12 27	4 38.49	+17 46.1	1.526	2.452	9.8	19.1
1 6	4 31.07	+18 47.1	1.588	2.448	13.9	19.3
1 16	4 26.63	+19 49.8	1.671	2.444	17.3	19.6

30008 Aroncoraor 12 7.7 169.°51 0.°8/ 7.5 18

11 7	5 26.80	+21 13.8	1.933	2.785	12.5	19.6
11 17	5 19.32	+20 58.6	1.865	2.789	8.9	19.4
11 27	5 9.74	+20 41.0	1.824	2.793	4.7	19.1
12 7	4 59.02	+20 21.7	1.811	2.796	0.9	18.9
12 17	4 48.29	+20 2.0	1.829	2.798	4.3	19.1
12 27	4 38.75	+19 44.4	1.876	2.800	8.4	19.4
1 6	4 31.30	+19 31.3	1.949	2.801	12.1	19.6
1 16	4 26.49	+19 24.5	2.044	2.801	15.1	19.8

355015 2006 QC_{103} 12 7.7 213.°28 5.°2/ 9.2 18

11 7	5 27.89	+37 41.5	2.029	2.853	13.1	21.1
11 17	5 20.41	+38 2.3	1.954	2.849	10.2	20.9
11 27	5 10.46	+38 8.4	1.903	2.846	7.2	20.7
12 7	4 59.07	+37 56.4	1.880	2.842	5.3	20.6
12 17	4 47.59	+37 26.1	1.885	2.837	6.1	20.6
12 27	4 37.43	+36 40.7	1.918	2.833	8.9	20.8
1 6	4 29.67	+35 46.1	1.977	2.828	12.0	21.0
1 16	4 24.93	+34 48.9	2.059	2.823	14.8	21.1

112833 2002 QH_{15} 12 7.7 207.°53 3.°9/ 6.6 18

11 7	5 23.07	+12 1.5	2.188	3.035	11.5	20.5
11 17	5 16.52	+11 26.0	2.114	3.030	8.5	20.3
11 27	5 8.22	+10 55.1	2.066	3.024	5.5	20.1
12 7	4 58.92	+10 31.3	2.047	3.018	3.9	20.0
12 17	4 49.54	+10 16.5	2.058	3.011	5.7	20.1
12 27	4 41.06	+10 12.2	2.098	3.004	8.8	20.3
1 6	4 34.24	+10 18.9	2.164	2.996	11.8	20.5
1 16	4 29.63	+10 35.9	2.252	2.988	14.5	20.7

321720 2010 JA_{118} 12 7.7 105.°06 1.°1/ 7.9 15

11 7	5 27.17	+25 47.3	2.116	2.961	11.9	22.2
11 17	5 19.36	+25 59.7	2.066	2.985	8.4	22.0
11 27	5 9.65	+26 6.8	2.042	3.008	4.6	21.8
12 7	4 59.01	+26 7.6	2.047	3.031	1.2	21.6
12 17	4 48.52	+26 2.5	2.083	3.053	3.8	21.9
12 27	4 39.26	+25 53.5	2.149	3.075	7.4	22.1
1 6	4 32.03	+25 43.2	2.242	3.096	10.6	22.4
1 16	4 27.30	+25 34.4	2.358	3.116	13.3	22.6

155565 1999 VX_{209} 12 7.7 348.°90 1.°7/ 8.0 17

11 7	5 23.02	+26 41.6	1.880	2.736	12.6	19.9
11 17	5 16.91	+27 2.1	1.809	2.733	9.1	19.7
11 27	5 8.58	+27 17.2	1.764	2.731	5.1	19.4
12 7	4 58.95	+27 25.3	1.745	2.728	1.8	19.2
12 17	4 49.18	+27 26.1	1.756	2.726	4.3	19.4
12 27	4 40.53	+27 21.2	1.795	2.725	8.3	19.6
1 6	4 33.99	+27 13.6	1.860	2.724	12.0	19.8
1 16	4 30.16	+27 6.3	1.946	2.723	15.1	20.1

412406 2014 CU_{17} 12 7.7 287.°79 1.°2/ 7.9 18

11 7	5 25.79	+25 37.1	1.529	2.392	14.6	21.3
11 17	5 19.36	+25 42.8	1.451	2.379	10.6	21.1
11 27	5 10.09	+25 42.5	1.396	2.365	5.8	20.8
12 7	4 59.06	+25 34.7	1.367	2.352	1.3	20.4
12 17	4 47.72	+25 19.7	1.367	2.338	5.0	20.6
12 27	4 37.70	+25 0.5	1.393	2.325	10.0	20.9
1 6	4 30.28	+24 41.2	1.443	2.312	14.5	21.1
1 16	4 26.22	+24 25.7	1.513	2.299	18.3	21.4

267531 2002 PJ_{31} 12 7.7 67.°44 7.°1/ 6.2 18

	h m	° ′			°	m
11 7	5 19.98	+ 1 6.3	2.203	3.029	12.2	20.4
11 17	5 14.19	+ 0 29.5	2.153	3.040	9.8	20.2
11 27	5 6.90	+ 0 6.4	2.128	3.051	7.8	20.1
12 7	4 58.83	+ 0 0.0	2.130	3.063	7.1	20.1
12 17	4 50.82	+ 0 11.7	2.159	3.074	8.1	20.2
12 27	4 43.72	+ 0 40.9	2.215	3.086	10.0	20.3
1 6	4 38.18	+ 1 25.4	2.296	3.098	12.3	20.5
1 16	4 34.63	+ 2 21.9	2.398	3.109	14.3	20.7

352935 2009 AJ_{33} 12 7.7 337.°93 3.°9/ 7.2 18

11 7	5 22.41	+13 48.3	1.414	2.284	15.1	20.1
11 17	5 16.86	+13 38.1	1.346	2.276	11.1	19.8
11 27	5 8.70	+13 34.9	1.301	2.268	6.7	19.6
12 7	4 58.97	+13 40.6	1.282	2.260	3.9	19.4
12 17	4 49.03	+13 56.3	1.289	2.254	6.5	19.5
12 27	4 40.38	+14 22.6	1.322	2.248	11.0	19.8
1 6	4 34.17	+14 58.8	1.378	2.243	15.3	20.0
1 16	4 31.09	+15 43.4	1.453	2.238	18.9	20.2

282885 2007 ES_{169} 12 7.7 217.°48 3.°8/ 6.8 18

11 7	5 24.53	+14 24.8	1.714	2.572	13.5	21.7
11 17	5 17.93	+13 46.0	1.645	2.569	9.9	21.5
11 27	5 9.10	+13 10.7	1.601	2.565	6.0	21.2
12 7	4 59.00	+12 41.6	1.584	2.560	3.8	21.1
12 17	4 48.82	+12 21.6	1.596	2.556	6.2	21.2
12 27	4 39.82	+12 12.8	1.635	2.551	10.1	21.5
1 6	4 32.95	+12 16.1	1.699	2.545	13.8	21.7
1 16	4 28.83	+12 30.9	1.783	2.540	17.0	21.9

202318 2005 ED_{32} 12 7.7 241.°38 0.°0/ 7.7 18

11 7	5 20.88	+23 16.1	2.672	3.521	9.6	21.5
11 17	5 14.87	+23 9.9	2.588	3.510	6.8	21.3
11 27	5 7.32	+23 0.9	2.531	3.499	3.6	21.1
12 7	4 58.88	+22 49.1	2.503	3.489	0.3	20.8
12 17	4 50.34	+22 35.4	2.507	3.477	3.2	21.0
12 27	4 42.52	+22 21.1	2.541	3.466	6.4	21.2
1 6	4 36.12	+22 8.3	2.602	3.454	9.4	21.4
1 16	4 31.63	+21 58.4	2.687	3.442	11.9	21.6

263675 2008 GH_{121} 12 7.7 301.°68 2.°1/ 7.4 18

11 7	5 25.18	+18 38.8	1.331	2.203	15.8	20.9
11 17	5 19.07	+18 27.3	1.259	2.192	11.3	20.6
11 27	5 9.99	+18 16.7	1.210	2.181	6.3	20.3
12 7	4 59.08	+18 8.2	1.187	2.170	2.1	20.0
12 17	4 47.88	+18 3.4	1.190	2.160	5.9	20.2
12 27	4 38.11	+18 4.3	1.218	2.150	11.2	20.5
1 6	4 31.08	+18 12.9	1.270	2.140	16.0	20.7
1 16	4 27.56	+18 30.0	1.340	2.130	20.0	21.0

228995 2003 WO_{95} 12 7.7 36.°42 1.°3/ 7.9 17

11 7	5 23.49	+24 52.9	2.101	2.953	11.7	19.7
11 17	5 17.03	+25 27.8	2.035	2.958	8.3	19.5
11 27	5 8.57	+25 59.5	1.995	2.962	4.6	19.3
12 7	4 58.97	+26 26.3	1.983	2.967	1.3	19.0
12 17	4 49.27	+26 47.2	2.001	2.971	3.9	19.2
12 27	4 40.57	+27 2.8	2.049	2.976	7.6	19.5
1 6	4 33.76	+27 14.8	2.123	2.982	10.9	19.7
1 16	4 29.41	+27 25.4	2.220	2.987	13.7	19.9

94179 2001 AZ_{34} 12 7.7 10.°30 13.°4/ 7.7 18

11 7	5 21.42	−12 35.4	1.652	2.435	17.4	18.2
11 17	5 15.65	−13 7.0	1.606	2.437	15.5	18.1
11 27	5 7.83	−13 8.1	1.579	2.441	14.0	18.0
12 7	4 58.92	−12 33.8	1.573	2.445	13.4	18.0
12 17	4 50.06	−11 23.4	1.591	2.451	13.9	18.0
12 27	4 42.40	− 9 40.4	1.631	2.457	15.3	18.2
1 6	4 36.81	− 7 32.5	1.692	2.464	17.1	18.3
1 16	4 33.80	− 5 8.4	1.773	2.472	19.0	18.5

329105 2011 CG_3 12 7.7 22.°62 2.°3/ 8.5 17

11 7	5 23.21	+30 43.1	2.007	2.855	12.3	20.2
11 17	5 16.87	+30 31.1	1.939	2.857	9.0	20.0
11 27	5 8.47	+30 8.8	1.897	2.859	5.3	19.8
12 7	4 58.97	+29 36.1	1.882	2.862	2.4	19.6
12 17	4 49.51	+28 54.3	1.896	2.865	4.2	19.8
12 27	4 41.25	+28 7.2	1.939	2.868	7.9	20.0
1 6	4 35.05	+27 19.2	2.008	2.871	11.3	20.2
1 16	4 31.44	+26 34.6	2.100	2.875	14.2	20.4

407110 2009 SY_{297} 12 7.7 35.°64 3.°3/ 8.3 17

11 7	5 24.87	+30 21.9	1.903	2.751	12.9	21.2
11 17	5 18.24	+31 3.4	1.841	2.758	9.5	21.0
11 27	5 9.30	+31 36.7	1.804	2.764	5.8	20.8
12 7	4 59.04	+31 59.0	1.794	2.771	3.3	20.6
12 17	4 48.69	+32 9.0	1.814	2.778	5.0	20.7
12 27	4 39.56	+32 8.3	1.861	2.786	8.4	21.0
1 6	4 32.65	+32 0.5	1.934	2.793	11.8	21.2
1 16	4 28.56	+31 49.5	2.029	2.801	14.7	21.4

149378 2002 XF_{94} 12 7.7 295.°60 2.°1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.95	+19 49.9	1.440	2.309	15.0	20.0
11 17	5 18.61	+19 8.6	1.372	2.303	10.7	19.8
11 27	5 9.61	+18 24.8	1.327	2.297	5.9	19.5
12 7	4 59.07	+17 41.1	1.309	2.292	2.1	19.2
12 17	4 48.45	+17 1.2	1.318	2.286	5.8	19.5
12 27	4 39.25	+16 29.2	1.353	2.281	10.7	19.7
1 6	4 32.62	+16 8.2	1.412	2.276	15.1	20.0
1 16	4 29.20	+15 59.5	1.491	2.271	18.8	20.2

79732 1998 SK_{134} 12 7.7 79.°47 4.°0/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.78	+15 2.0	1.431	2.296	15.3	18.9
11 17	5 18.90	+14 19.5	1.382	2.310	11.0	18.7
11 27	5 9.60	+13 41.2	1.357	2.323	6.6	18.5
12 7	4 59.07	+13 10.4	1.358	2.336	4.0	18.4
12 17	4 48.71	+12 50.1	1.387	2.349	6.6	18.6
12 27	4 39.90	+12 42.3	1.442	2.362	10.8	18.8
1 6	4 33.62	+12 47.5	1.520	2.375	14.7	19.1
1 16	4 30.38	+13 4.7	1.619	2.388	18.0	19.4

196398 2003 GW_{27} 12 7.7 223.°01 1.°0/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.72	+25 45.7	1.897	2.748	12.8	20.7
11 17	5 19.54	+25 45.7	1.818	2.740	9.2	20.5
11 27	5 10.02	+25 39.8	1.764	2.732	5.0	20.2
12 7	4 59.11	+25 27.1	1.738	2.723	1.1	19.9
12 17	4 48.04	+25 8.3	1.742	2.713	4.2	20.2
12 27	4 38.10	+24 45.9	1.775	2.703	8.5	20.4
1 6	4 30.35	+24 23.6	1.835	2.693	12.4	20.6
1 16	4 25.42	+24 4.7	1.916	2.682	15.6	20.8

449545 2014 HZ_{146} 12 7.7 345.°25 4.°1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.64	+14 4.0	1.490	2.358	14.7	20.6
11 17	5 16.85	+13 31.3	1.426	2.354	10.7	20.3
11 27	5 8.63	+13 3.6	1.386	2.351	6.5	20.1
12 7	4 59.02	+12 44.0	1.371	2.348	4.1	19.9
12 17	4 49.32	+12 35.0	1.384	2.346	6.6	20.1
12 27	4 40.90	+12 38.3	1.422	2.343	10.8	20.3
1 6	4 34.83	+12 54.1	1.484	2.342	14.8	20.5
1 16	4 31.72	+13 21.2	1.566	2.341	18.2	20.8

65010 2002 AR_{82} 12 7.7 110.°90 4.°1/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.39	+13 37.5	1.397	2.259	15.8	19.2
11 17	5 20.83	+13 17.0	1.348	2.272	11.5	18.9
11 27	5 10.67	+13 3.2	1.321	2.285	6.9	18.7
12 7	4 59.16	+12 58.0	1.321	2.298	4.1	18.6
12 17	4 47.78	+13 3.0	1.348	2.311	6.7	18.8
12 27	4 38.03	+13 18.9	1.403	2.322	11.0	19.1
1 6	4 30.96	+13 45.1	1.480	2.334	15.1	19.3
1 16	4 27.10	+14 20.4	1.578	2.345	18.4	19.6

326090 2011 BR_{83} 12 7.7 75.°36 5.°0/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.07	+ 8 31.8	2.203	3.049	11.4	20.2
11 17	5 14.34	+ 7 52.7	2.143	3.053	8.7	20.1
11 27	5 7.05	+ 7 21.2	2.108	3.058	6.1	19.9
12 7	4 58.92	+ 7 0.1	2.102	3.062	5.0	19.9
12 17	4 50.80	+ 6 51.4	2.124	3.067	6.4	20.0
12 27	4 43.55	+ 6 56.0	2.174	3.071	9.0	20.1
1 6	4 37.89	+ 7 13.1	2.250	3.076	11.6	20.3
1 16	4 34.26	+ 7 41.3	2.347	3.080	14.0	20.5

49522 1999 CK_{37} 12 7.7 355.°51 1.°9/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.49	+17 33.1	1.857	2.720	12.4	18.8
11 17	5 15.03	+17 29.5	1.789	2.717	8.8	18.5
11 27	5 7.56	+17 28.1	1.746	2.715	4.9	18.3
12 7	4 58.96	+17 29.5	1.730	2.713	1.9	18.1
12 17	4 50.27	+17 34.6	1.743	2.712	4.6	18.3
12 27	4 42.59	+17 44.2	1.784	2.711	8.6	18.5
1 6	4 36.83	+17 59.2	1.850	2.711	12.2	18.7
1 16	4 33.54	+18 19.7	1.938	2.712	15.2	18.9

285807 2000 YG_{60} 12 7.7 293.°08 1.°0/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.78	+26 11.9	1.640	2.500	13.9	19.8
11 17	5 18.56	+25 59.3	1.554	2.480	10.1	19.5
11 27	5 9.68	+25 39.0	1.492	2.461	5.6	19.2
12 7	4 59.12	+25 10.4	1.456	2.441	1.1	18.8
12 17	4 48.26	+24 34.9	1.449	2.421	4.7	19.0
12 27	4 38.59	+23 56.4	1.469	2.401	9.6	19.3
1 6	4 31.33	+23 19.6	1.514	2.382	14.0	19.5
1 16	4 27.22	+22 48.8	1.580	2.362	17.8	19.7

167861 2005 EV_{19} 12 7.7 352.°70 2.°5/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.34	+28 12.2	1.308	2.180	16.0	19.8
11 17	5 17.90	+28 24.2	1.244	2.174	11.7	19.6
11 27	5 9.40	+28 26.8	1.201	2.170	6.7	19.3
12 7	4 59.10	+28 18.0	1.184	2.166	2.6	19.0
12 17	4 48.65	+27 58.3	1.192	2.163	5.5	19.2
12 27	4 39.81	+27 31.3	1.225	2.162	10.6	19.5
1 6	4 33.88	+27 2.5	1.281	2.161	15.1	19.8
1 16	4 31.56	+26 36.9	1.357	2.162	19.0	20.0

205049 1998 WE_{40} 12 7.7 81.°64 0.°6/ 7.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.55	+23 4.6	1.230	2.100	17.0	20.4
11 17	5 22.20	+23 26.2	1.178	2.109	12.1	20.1
11 27	5 11.63	+23 44.6	1.147	2.118	6.5	19.8
12 7	4 59.26	+23 57.6	1.141	2.126	0.8	19.5
12 17	4 46.91	+24 4.8	1.163	2.135	5.5	19.8
12 27	4 36.44	+24 8.3	1.210	2.144	11.0	20.2
1 6	4 29.16	+24 11.6	1.280	2.152	15.7	20.5
1 16	4 25.70	+24 17.8	1.369	2.161	19.5	20.7

349248 2007 TF_{120} 12 7.7 20.°78 0.°3/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.45	+20 50.2	1.035	1.924	17.9	19.0
11 17	5 17.28	+21 16.4	0.998	1.938	12.6	18.8
11 27	5 8.99	+21 42.6	0.982	1.955	6.7	18.5
12 7	4 59.07	+22 7.3	0.988	1.973	0.5	18.2
12 17	4 49.34	+22 29.6	1.020	1.994	5.6	18.6
12 27	4 41.59	+22 50.4	1.075	2.015	11.2	19.0
1 6	4 37.01	+23 11.4	1.151	2.039	15.9	19.3
1 16	4 36.08	+23 34.1	1.247	2.063	19.7	19.6

96514 1998 QC_{84} 12 7.7 57.°97 3.°0/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.65	+33 12.4	1.892	2.732	13.3	18.5
11 17	5 19.10	+32 49.7	1.849	2.761	9.7	18.4
11 27	5 9.54	+32 14.2	1.830	2.789	5.9	18.2
12 7	4 59.11	+31 25.9	1.840	2.818	3.1	18.1
12 17	4 49.05	+30 27.6	1.879	2.846	4.5	18.2
12 27	4 40.54	+29 24.4	1.947	2.875	7.9	18.5
1 6	4 34.37	+28 21.8	2.042	2.903	11.2	18.8
1 16	4 30.90	+27 24.3	2.160	2.931	13.9	19.0

360622 2004 DW_{55} 12 7.7 304.°59 0.°9/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.84	+25 24.0	1.711	2.572	13.5	21.6
11 17	5 17.71	+25 21.7	1.634	2.561	9.7	21.3
11 27	5 9.14	+25 13.5	1.581	2.550	5.3	21.1
12 7	4 59.10	+24 59.0	1.555	2.540	1.0	20.7
12 17	4 48.87	+24 39.0	1.558	2.530	4.5	21.0
12 27	4 39.82	+24 16.3	1.588	2.519	9.0	21.2
1 6	4 33.05	+23 54.6	1.643	2.510	13.1	21.4
1 16	4 29.23	+23 37.1	1.719	2.500	16.6	21.7

266921 2010 CN_{52} 12 7.7 175.°49 1.°9/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.82	+16 27.0	2.342	3.187	10.9	21.6
11 17	5 17.71	+16 28.4	2.271	3.190	7.7	21.5
11 27	5 8.88	+16 31.9	2.227	3.193	4.4	21.2
12 7	4 59.09	+16 38.0	2.213	3.194	1.9	21.1
12 17	4 49.24	+16 47.0	2.230	3.195	4.1	21.2
12 27	4 40.27	+16 59.7	2.277	3.195	7.5	21.4
1 6	4 32.95	+17 16.4	2.352	3.195	10.6	21.6
1 16	4 27.80	+17 37.5	2.450	3.194	13.2	21.8

220716 2004 SX_{25} 12 7.7 351.°78 5.°1/ 6.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.03	+11 12.8	1.836	2.694	12.8	19.8
11 17	5 14.62	+10 10.3	1.772	2.692	9.5	19.6
11 27	5 7.32	+ 9 13.3	1.733	2.689	6.5	19.4
12 7	4 58.98	+ 8 26.1	1.721	2.687	5.2	19.4
12 17	4 50.62	+ 7 52.3	1.737	2.685	7.0	19.5
12 27	4 43.28	+ 7 34.3	1.780	2.684	10.1	19.6
1 6	4 37.81	+ 7 32.2	1.847	2.683	13.3	19.8
1 16	4 34.70	+ 7 44.7	1.934	2.683	16.1	20.0

97289 1999 XR_{165} 12 7.7 230.°01 11.°0/11.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 39.97	+47 29.0	1.191	2.003	21.2	19.0
11 17	5 30.72	+47 39.7	1.124	1.999	17.6	18.8
11 27	5 16.54	+47 13.9	1.074	1.995	14.0	18.6
12 7	4 59.62	+46 2.0	1.047	1.990	11.4	18.4
12 17	4 42.99	+44 3.5	1.044	1.985	11.5	18.4
12 27	4 29.57	+41 30.8	1.066	1.980	14.3	18.5
1 6	4 21.05	+38 43.6	1.110	1.974	18.2	18.7
1 16	4 17.84	+36 0.1	1.174	1.968	22.0	19.0

308317 2005 MS_{11} 12 7.7 154.°89 3.°6/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.34	+11 30.7	2.242	3.086	11.3	21.2
11 17	5 16.65	+11 17.9	2.178	3.092	8.3	21.0
11 27	5 8.30	+11 11.0	2.141	3.098	5.3	20.8
12 7	4 59.05	+11 11.3	2.132	3.104	3.6	20.7
12 17	4 49.79	+11 19.9	2.154	3.109	5.3	20.9
12 27	4 41.45	+11 37.0	2.205	3.114	8.2	21.1
1 6	4 34.76	+12 2.3	2.282	3.118	11.2	21.3
1 16	4 30.20	+12 34.8	2.382	3.121	13.7	21.4

397572 2007 UJ_{65} 12 7.7 134.°08 4.°2/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.42	+33 38.2	2.079	2.910	12.6	21.4
11 17	5 21.39	+34 26.0	2.017	2.921	9.5	21.2
11 27	5 10.99	+35 3.2	1.981	2.931	6.3	21.0
12 7	4 59.25	+35 26.1	1.972	2.941	4.3	20.9
12 17	4 47.43	+35 33.4	1.994	2.951	5.5	21.0
12 27	4 36.86	+35 26.8	2.045	2.960	8.4	21.2
1 6	4 28.59	+35 10.7	2.122	2.968	11.4	21.4
1 16	4 23.20	+34 50.0	2.221	2.976	14.1	21.6

216655 2003 UA_{142} 12 7.7 65.°58 3.°6/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.81	+14 21.3	1.229	2.099	17.0	20.0
11 17	5 20.67	+14 20.5	1.184	2.114	12.2	19.7
11 27	5 10.69	+14 27.2	1.162	2.129	7.1	19.5
12 7	4 59.22	+14 42.1	1.164	2.144	3.6	19.3
12 17	4 47.91	+15 5.4	1.193	2.160	6.6	19.6
12 27	4 38.41	+15 36.8	1.248	2.176	11.4	19.9
1 6	4 31.83	+16 15.4	1.326	2.191	15.7	20.2
1 16	4 28.72	+17 0.1	1.423	2.207	19.3	20.5

320718 2008 DE_{68} 12 7.7 100.°36 2.°1/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.70	+29 31.7	2.052	2.898	12.1	20.6
11 17	5 17.87	+29 30.5	1.989	2.907	8.8	20.4
11 27	5 9.02	+29 20.7	1.952	2.915	5.1	20.2
12 7	4 59.10	+29 1.5	1.943	2.924	2.2	20.0
12 17	4 49.25	+28 34.0	1.964	2.932	4.1	20.2
12 27	4 40.58	+28 1.1	2.013	2.941	7.7	20.4
1 6	4 33.97	+27 26.8	2.089	2.949	11.0	20.6
1 16	4 29.93	+26 54.7	2.188	2.957	13.9	20.8

115676 2003 UF_{146} 12 7.7 95.°22 0.°2/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.68	+22 56.4	2.354	3.204	10.6	19.6
11 17	5 16.18	+23 5.2	2.295	3.217	7.5	19.4
11 27	5 8.04	+23 11.6	2.262	3.231	4.0	19.2
12 7	4 59.04	+23 15.2	2.259	3.244	0.3	18.9
12 17	4 50.06	+23 16.3	2.286	3.257	3.4	19.2
12 27	4 42.03	+23 16.2	2.344	3.270	6.8	19.4
1 6	4 35.67	+23 16.4	2.428	3.283	9.9	19.6
1 16	4 31.44	+23 18.4	2.536	3.296	12.4	19.9

517329 2014 JV_{36} 12 7.8 264.°98 1.°8/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.91	+18 50.7	1.735	2.597	13.3	21.6
11 17	5 17.55	+18 31.2	1.667	2.595	9.4	21.4
11 27	5 8.97	+18 11.6	1.624	2.593	5.2	21.2
12 7	4 59.13	+17 53.3	1.609	2.592	1.8	20.9
12 17	4 49.22	+17 38.1	1.622	2.590	4.9	21.1
12 27	4 40.50	+17 28.1	1.663	2.588	9.2	21.4
1 6	4 33.92	+17 25.1	1.728	2.587	13.0	21.6
1 16	4 30.08	+17 30.0	1.816	2.585	16.3	21.8

409323 2004 TA_{341} 12 7.8 38.°97 2.°7/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.39	+17 20.4	1.838	2.701	12.6	20.5
11 17	5 15.52	+16 35.0	1.783	2.710	9.0	20.3
11 27	5 7.77	+15 50.4	1.752	2.719	5.1	20.1
12 7	4 59.05	+15 9.5	1.749	2.729	2.7	20.0
12 17	4 50.42	+14 35.1	1.775	2.739	5.1	20.2
12 27	4 42.94	+14 9.8	1.829	2.750	8.8	20.4
1 6	4 37.41	+13 55.2	1.908	2.760	12.3	20.6
1 16	4 34.30	+13 51.2	2.008	2.771	15.1	20.9

117985 3167 $T\text{-}_1$ 12 7.8 226.°48 0.°8/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.51	+21 41.9	1.703	2.560	13.7	21.4
11 17	5 20.28	+21 25.5	1.625	2.551	9.8	21.1
11 27	5 10.52	+21 5.8	1.571	2.541	5.3	20.8
12 7	4 59.26	+20 43.3	1.546	2.531	0.8	20.5
12 17	4 47.80	+20 19.7	1.549	2.520	4.8	20.8
12 27	4 37.56	+19 58.0	1.581	2.508	9.5	21.0
1 6	4 29.67	+19 41.3	1.638	2.496	13.7	21.2
1 16	4 24.79	+19 31.9	1.716	2.483	17.2	21.5

322949 2002 GF_{170} 12 7.8 236.°15 3.°8/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.87	+12 5.0	2.500	3.345	10.3	21.6
11 17	5 14.88	+11 11.9	2.420	3.334	7.6	21.4
11 27	5 7.38	+10 21.9	2.367	3.323	5.0	21.2
12 7	4 59.03	+ 9 37.8	2.344	3.311	3.8	21.1
12 17	4 50.60	+ 9 2.3	2.351	3.299	5.4	21.2
12 27	4 42.90	+ 8 37.5	2.387	3.287	8.1	21.3
1 6	4 36.63	+ 8 24.4	2.450	3.274	10.9	21.5
1 16	4 32.26	+ 8 22.7	2.535	3.261	13.3	21.7

48893 1998 KM_{48} 12 7.8 109.°93 3.°1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.23	+16 38.8	1.696	2.551	13.9	19.5
11 17	5 20.28	+15 53.1	1.650	2.573	9.9	19.3
11 27	5 10.23	+15 9.2	1.630	2.595	5.7	19.1
12 7	4 59.22	+14 29.8	1.637	2.616	3.1	19.0
12 17	4 48.48	+13 57.8	1.675	2.637	5.6	19.2
12 27	4 39.20	+13 36.0	1.740	2.656	9.5	19.5
1 6	4 32.25	+13 25.4	1.831	2.675	13.1	19.7
1 16	4 28.05	+13 26.0	1.943	2.694	16.0	20.0

70198 1999 RV_{21} 12 7.8 42.°58 4.°9/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.95	+12 49.5	1.182	2.056	17.3	18.7
11 17	5 19.06	+12 22.0	1.158	2.087	12.5	18.6
11 27	5 9.66	+12 4.0	1.155	2.120	7.6	18.4
12 7	4 59.17	+11 58.0	1.177	2.153	4.9	18.3
12 17	4 49.17	+12 5.1	1.225	2.186	7.3	18.6
12 27	4 41.10	+12 25.3	1.297	2.221	11.5	18.9
1 6	4 35.84	+12 56.8	1.392	2.255	15.3	19.2
1 16	4 33.77	+13 37.1	1.507	2.289	18.5	19.5

403397 2009 QQ_{62} 12 7.8 54.°62 6.°9/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.45	+ 4 11.8	1.868	2.709	13.4	20.5
11 17	5 15.43	+ 3 35.3	1.824	2.726	10.5	20.3
11 27	5 7.67	+ 3 12.2	1.805	2.743	7.9	20.2
12 7	4 59.05	+ 3 5.7	1.812	2.760	6.9	20.2
12 17	4 50.55	+ 3 17.0	1.846	2.777	8.0	20.3
12 27	4 43.15	+ 3 45.7	1.906	2.795	10.5	20.5
1 6	4 37.60	+ 4 29.3	1.991	2.812	13.1	20.7
1 16	4 34.33	+ 5 24.3	2.097	2.830	15.5	20.9

104867 2000 HY_{86} 12 7.8 197.°60 1.°6/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.71	+26 26.2	2.449	3.288	10.7	20.4
11 17	5 19.23	+27 3.6	2.370	3.285	7.7	20.2
11 27	5 9.81	+27 37.2	2.317	3.281	4.4	20.0
12 7	4 59.22	+28 4.7	2.295	3.277	1.7	19.8
12 17	4 48.42	+28 25.0	2.304	3.272	3.7	19.9
12 27	4 38.47	+28 38.6	2.344	3.267	7.1	20.1
1 6	4 30.25	+28 47.4	2.412	3.261	10.2	20.3
1 16	4 24.34	+28 53.9	2.504	3.254	12.8	20.5

32897 Curtharris 12 7.8 161.°15 9.°5/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.28	− 6 52.3	2.218	3.000	13.6	18.8
11 17	5 18.66	− 7 30.1	2.165	3.009	11.6	18.7
11 27	5 9.36	− 7 48.4	2.135	3.017	10.0	18.6
12 7	4 59.19	− 7 43.6	2.132	3.024	9.5	18.6
12 17	4 49.07	− 7 14.3	2.156	3.030	10.2	18.6
12 27	4 39.94	− 6 22.1	2.207	3.035	11.8	18.7
1 6	4 32.54	− 5 10.7	2.282	3.039	13.7	18.9
1 16	4 27.34	− 3 45.1	2.377	3.042	15.5	19.0

217753 2000 HT_{37} 12 7.8 207.°63 3.°6/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.05	+10 51.4	2.183	3.026	11.6	20.7
11 17	5 17.32	+10 55.2	2.108	3.022	8.6	20.5
11 27	5 8.77	+11 6.3	2.060	3.018	5.5	20.3
12 7	4 59.16	+11 25.6	2.041	3.013	3.6	20.2
12 17	4 49.42	+11 53.3	2.052	3.009	5.3	20.3
12 27	4 40.54	+12 29.0	2.092	3.003	8.5	20.5
1 6	4 33.35	+13 11.7	2.159	2.998	11.6	20.7
1 16	4 28.39	+14 0.3	2.249	2.992	14.3	20.8

351419 2005 GF_{37} 12 7.8 214.°12 3.°6/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.78	+11 3.1	2.397	3.237	10.8	21.9
11 17	5 17.02	+10 53.9	2.317	3.229	8.0	21.7
11 27	5 8.58	+10 50.5	2.263	3.220	5.2	21.5
12 7	4 59.16	+10 54.4	2.239	3.210	3.6	21.4
12 17	4 49.59	+11 6.3	2.246	3.200	5.2	21.5
12 27	4 40.79	+11 26.6	2.283	3.189	8.1	21.7
1 6	4 33.52	+11 55.0	2.346	3.178	11.0	21.9
1 16	4 28.31	+12 30.5	2.433	3.166	13.6	22.0

386060 2007 GD_8 12 7.8 320.°67 3.°0/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.19	+17 20.1	1.428	2.297	15.1	21.1
11 17	5 18.12	+16 43.8	1.362	2.292	10.8	20.9
11 27	5 9.43	+16 8.5	1.319	2.287	6.2	20.6
12 7	4 59.22	+15 36.9	1.301	2.282	3.0	20.4
12 17	4 48.90	+15 12.2	1.311	2.278	6.2	20.6
12 27	4 39.96	+14 57.5	1.348	2.274	10.9	20.8
1 6	4 33.54	+14 54.4	1.407	2.270	15.2	21.1
1 16	4 30.28	+15 3.1	1.486	2.266	18.8	21.3

313241 2001 UC_{46} 12 7.8 29.°03 5.°0/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.97	+31 9.1	1.489	2.343	15.4	19.2
11 17	5 21.04	+32 32.0	1.437	2.354	11.5	19.0
11 27	5 11.09	+33 45.4	1.408	2.366	7.5	18.8
12 7	4 59.34	+34 43.0	1.406	2.378	5.0	18.6
12 17	4 47.45	+35 21.1	1.431	2.392	6.7	18.8
12 27	4 37.16	+35 40.7	1.483	2.405	10.4	19.0
1 6	4 29.78	+35 46.6	1.559	2.420	14.0	19.3
1 16	4 26.00	+35 44.5	1.655	2.435	17.2	19.5

93015 2000 RY_{91} 12 7.8 115.°96 2.°8/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.63	+16 50.4	1.775	2.632	13.2	20.2
11 17	5 18.54	+16 13.0	1.720	2.645	9.4	20.0
11 27	5 9.40	+15 37.1	1.691	2.658	5.4	19.8
12 7	4 59.23	+15 5.1	1.690	2.670	2.8	19.7
12 17	4 49.18	+14 39.3	1.718	2.682	5.3	19.9
12 27	4 40.42	+14 22.3	1.775	2.694	9.2	20.1
1 6	4 33.80	+14 15.2	1.857	2.705	12.7	20.4
1 16	4 29.82	+14 18.2	1.960	2.716	15.7	20.6

464533 2016 CB_{18} 12 7.8 16.°73 1.°4/ 8.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.87	+27 46.6	2.156	3.007	11.5	20.8
11 17	5 15.87	+27 37.7	2.087	3.008	8.2	20.6
11 27	5 8.00	+27 21.8	2.044	3.010	4.6	20.3
12 7	4 59.13	+26 58.9	2.029	3.012	1.5	20.1
12 17	4 50.26	+26 30.0	2.044	3.014	3.7	20.3
12 27	4 42.41	+25 58.0	2.087	3.017	7.3	20.5
1 6	4 36.41	+25 26.0	2.158	3.019	10.6	20.7
1 16	4 32.76	+24 57.3	2.251	3.022	13.4	20.9

405368 2003 XO_{25} 12 7.8 29.°51 2.°7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.28	+14 19.2	1.713	2.575	13.4	19.8
11 17	5 16.30	+14 33.4	1.662	2.588	9.6	19.6
11 27	5 8.27	+14 53.5	1.636	2.603	5.5	19.4
12 7	4 59.16	+15 19.8	1.637	2.617	2.8	19.2
12 17	4 50.09	+15 51.7	1.667	2.633	5.1	19.4
12 27	4 42.22	+16 28.7	1.724	2.649	8.9	19.7
1 6	4 36.42	+17 9.9	1.806	2.666	12.5	20.0
1 16	4 33.20	+17 54.6	1.910	2.683	15.4	20.2

69431 1996 GG_8 12 7.8 126.°72 3.°7/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.52	+10 58.7	2.540	3.384	10.2	20.0
11 17	5 14.53	+10 28.1	2.481	3.394	7.5	19.9
11 27	5 7.16	+10 2.7	2.449	3.404	4.9	19.7
12 7	4 59.09	+ 9 44.5	2.446	3.413	3.7	19.7
12 17	4 51.04	+ 9 34.8	2.473	3.423	5.1	19.8
12 27	4 43.80	+ 9 34.7	2.529	3.432	7.6	19.9
1 6	4 37.97	+ 9 44.0	2.612	3.440	10.1	20.1
1 16	4 33.96	+10 1.9	2.718	3.449	12.3	20.3

479291 2013 GH_{91} 12 7.8 300.°43 3.°3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.53	+15 59.1	1.809	2.669	12.8	20.9
11 17	5 16.50	+15 13.4	1.740	2.666	9.3	20.6
11 27	5 8.41	+14 29.1	1.697	2.662	5.5	20.4
12 7	4 59.18	+13 49.4	1.681	2.659	3.3	20.3
12 17	4 49.91	+13 17.1	1.694	2.655	5.6	20.4
12 27	4 41.73	+12 55.1	1.734	2.652	9.4	20.6
1 6	4 35.55	+12 44.7	1.800	2.649	13.0	20.9
1 16	4 31.91	+12 46.1	1.886	2.646	16.1	21.1

49489 1999 BQ_{24} 12 7.8 155.°02 3.°2/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.01	+14 10.8	2.033	2.886	12.0	18.8
11 17	5 16.62	+13 48.2	1.968	2.889	8.7	18.6
11 27	5 8.41	+13 29.5	1.929	2.892	5.2	18.4
12 7	4 59.19	+13 16.3	1.918	2.894	3.2	18.2
12 17	4 49.96	+13 10.4	1.937	2.897	5.2	18.4
12 27	4 41.72	+13 12.8	1.984	2.899	8.6	18.6
1 6	4 35.28	+13 23.9	2.057	2.901	11.8	18.8
1 16	4 31.16	+13 43.3	2.152	2.903	14.6	19.0

155052 2005 SA_3 12 7.8 80.°56 0.°2/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.01	+23 51.8	1.462	2.324	15.3	20.3
11 17	5 21.23	+23 45.1	1.419	2.346	10.8	20.1
11 27	5 10.92	+23 33.3	1.399	2.369	5.7	19.9
12 7	4 59.37	+23 16.5	1.406	2.391	0.5	19.5
12 17	4 48.12	+22 56.3	1.442	2.414	4.8	19.9
12 27	4 38.61	+22 36.1	1.505	2.436	9.5	20.2
1 6	4 31.84	+22 19.3	1.592	2.457	13.6	20.5
1 16	4 28.28	+22 8.5	1.700	2.478	16.9	20.8

270789 2002 RA_{220} 12 7.8 122.°94 3.°9/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.41	+ 8 53.3	2.783	3.619	9.6	21.6
11 17	5 14.33	+ 8 30.3	2.728	3.634	7.2	21.5
11 27	5 7.02	+ 8 13.4	2.700	3.649	4.9	21.4
12 7	4 59.10	+ 8 4.5	2.702	3.664	3.9	21.3
12 17	4 51.22	+ 8 4.5	2.734	3.678	5.0	21.4
12 27	4 44.08	+ 8 13.8	2.795	3.691	7.2	21.6
1 6	4 38.24	+ 8 31.9	2.884	3.705	9.5	21.8
1 16	4 34.07	+ 8 57.9	2.996	3.718	11.5	21.9

491479 2012 HU_{26} 12 7.8 311.°09 2.°7/ 8.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.77	+28 45.8	2.055	2.902	12.1	21.5
11 17	5 18.23	+29 29.0	1.979	2.896	8.8	21.3
11 27	5 9.44	+30 6.5	1.928	2.891	5.3	21.1
12 7	4 59.29	+30 35.4	1.906	2.885	2.7	20.9
12 17	4 48.88	+30 54.2	1.913	2.879	4.6	21.0
12 27	4 39.47	+31 3.6	1.949	2.874	8.1	21.2
1 6	4 32.07	+31 6.2	2.011	2.869	11.5	21.4
1 16	4 27.35	+31 5.4	2.096	2.864	14.4	21.6

75972 2000 CM_{112} 12 7.8 248.°09 2.°0/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.67	+17 40.6	2.554	3.404	9.9	20.0
11 17	5 14.79	+17 5.8	2.470	3.392	7.1	19.8
11 27	5 7.40	+16 30.8	2.414	3.380	4.0	19.6
12 7	4 59.13	+15 57.2	2.387	3.368	2.0	19.5
12 17	4 50.78	+15 27.0	2.391	3.355	4.0	19.6
12 27	4 43.16	+15 2.2	2.425	3.342	7.2	19.8
1 6	4 36.96	+14 44.5	2.486	3.329	10.1	19.9
1 16	4 32.66	+14 34.6	2.571	3.316	12.6	20.1

341104 2007 KM_1 12 7.8 45.°04 2.°9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.47	+17 30.4	1.429	2.299	15.1	20.8
11 17	5 18.17	+16 55.5	1.375	2.306	10.8	20.6
11 27	5 9.39	+16 22.0	1.344	2.313	6.1	20.3
12 7	4 59.28	+15 52.6	1.340	2.321	2.9	20.2
12 17	4 49.24	+15 30.0	1.362	2.329	5.9	20.4
12 27	4 40.70	+15 17.0	1.411	2.337	10.4	20.7
1 6	4 34.66	+15 14.9	1.483	2.346	14.5	20.9
1 16	4 31.68	+15 23.7	1.575	2.354	17.9	21.2

232138 2002 CF_3 12 7.8 1.°77 6.°1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.20	+ 8 7.5	1.368	2.229	16.1	19.6
11 17	5 18.16	+ 8 4.7	1.309	2.228	12.2	19.4
11 27	5 9.49	+ 8 16.4	1.271	2.228	8.3	19.1
12 7	4 59.30	+ 8 44.9	1.259	2.228	6.1	19.0
12 17	4 48.98	+ 9 30.1	1.273	2.229	8.0	19.1
12 27	4 40.03	+10 30.4	1.312	2.230	11.9	19.4
1 6	4 33.58	+11 42.1	1.375	2.232	15.8	19.6
1 16	4 30.31	+13 1.4	1.457	2.234	19.2	19.8

267120 2000 DC_{72} 12 7.8 237.°87 6.°5/ 9.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.29	+43 33.7	2.445	3.239	12.1	20.5
11 17	5 19.99	+44 14.2	2.369	3.235	9.9	20.4
11 27	5 10.36	+44 39.0	2.318	3.231	7.8	20.2
12 7	4 59.36	+44 44.4	2.293	3.227	6.6	20.1
12 17	4 48.20	+44 29.2	2.297	3.223	7.0	20.2
12 27	4 38.20	+43 55.5	2.328	3.218	8.7	20.3
1 6	4 30.37	+43 8.2	2.385	3.214	11.0	20.4
1 16	4 25.35	+42 13.6	2.465	3.209	13.1	20.6

516839 2010 YK_5 12 7.8 117.°55 0.°3/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.68	+20 48.8	2.283	3.133	10.9	20.6
11 17	5 17.02	+21 7.4	2.218	3.141	7.7	20.4
11 27	5 8.61	+21 25.4	2.181	3.149	4.1	20.2
12 7	4 59.24	+21 42.3	2.172	3.157	0.4	19.9
12 17	4 49.82	+21 57.8	2.195	3.165	3.5	20.1
12 27	4 41.33	+22 12.5	2.247	3.173	7.1	20.4
1 6	4 34.54	+22 27.4	2.326	3.180	10.3	20.6
1 16	4 29.96	+22 43.6	2.429	3.187	12.9	20.8

115041 2003 QA_{111} 12 7.8 35.°85 2.°4/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.08	+28 10.1	1.829	2.683	13.0	19.0
11 17	5 17.71	+28 39.7	1.772	2.694	9.4	18.8
11 27	5 9.11	+29 2.3	1.740	2.705	5.5	18.6
12 7	4 59.27	+29 16.1	1.735	2.716	2.4	18.4
12 17	4 49.44	+29 20.4	1.759	2.728	4.5	18.6
12 27	4 40.85	+29 17.0	1.811	2.740	8.3	18.9
1 6	4 34.48	+29 9.2	1.889	2.753	11.8	19.1
1 16	4 30.88	+29 0.4	1.988	2.766	14.8	19.3

253279 2003 BR_{10} 12 7.8 261.°80 6.°4/ 9.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.40	+41 7.4	2.119	2.929	13.2	20.1
11 17	5 21.04	+41 41.1	2.036	2.916	10.6	19.9
11 27	5 11.04	+41 58.7	1.975	2.903	8.0	19.8
12 7	4 59.43	+41 56.1	1.942	2.890	6.5	19.6
12 17	4 47.57	+41 31.7	1.936	2.876	7.1	19.7
12 27	4 36.95	+40 48.1	1.959	2.863	9.4	19.8
1 6	4 28.75	+39 51.4	2.007	2.849	12.2	19.9
1 16	4 23.68	+38 48.7	2.077	2.835	14.9	20.1

73840 1996 GO_{13} 12 7.8 356.°34 4.°8/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 17.22	+14 9.2	1.028	1.921	17.5	18.5
11 17	5 13.83	+13 42.7	0.972	1.912	12.9	18.2
11 27	5 7.40	+13 24.3	0.935	1.905	7.9	17.9
12 7	4 59.17	+13 17.7	0.921	1.900	4.8	17.7
12 17	4 50.75	+13 25.6	0.930	1.898	7.8	17.9
12 27	4 43.92	+13 49.1	0.962	1.898	12.8	18.2
1 6	4 39.99	+14 26.6	1.013	1.900	17.6	18.4
1 16	4 39.67	+15 15.5	1.082	1.904	21.7	18.7

75703 2000 AM_{115} 12 7.8 69.°65 3.°3/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.47	+17 11.8	1.344	2.213	15.9	17.6
11 17	5 19.57	+16 26.4	1.298	2.228	11.3	17.4
11 27	5 10.10	+15 42.9	1.275	2.243	6.5	17.2
12 7	4 59.36	+15 4.5	1.278	2.258	3.3	17.0
12 17	4 48.84	+14 34.8	1.307	2.273	6.3	17.3
12 27	4 39.99	+14 16.7	1.363	2.288	10.9	17.6
1 6	4 33.84	+14 11.5	1.442	2.303	15.0	17.8
1 16	4 30.87	+14 18.7	1.541	2.318	18.4	18.1

468566 2006 WA_{185} 12 7.8 56.°27 1.°1/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 38.83	+12 23.4	0.994	1.858	20.6	19.6
11 17	5 29.62	+14 43.6	0.941	1.868	14.8	19.4
11 27	5 16.10	+17 24.9	0.910	1.879	8.1	19.0
12 7	4 59.85	+20 15.6	0.906	1.891	1.3	18.7
12 17	4 43.21	+23 0.9	0.930	1.902	6.6	19.0
12 27	4 28.77	+25 29.4	0.982	1.914	13.1	19.4
1 6	4 18.43	+27 37.4	1.057	1.926	18.5	19.8
1 16	4 13.02	+29 26.7	1.151	1.939	22.7	20.1

5570 Kirsan 12 7.8 302.°64 4.°8/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 19.38	+ 8 45.1	2.294	3.140	11.0	17.5
11 17	5 13.98	+ 8 5.5	2.223	3.133	8.4	17.3
11 27	5 7.01	+ 7 32.8	2.177	3.127	5.9	17.1
12 7	4 59.17	+ 7 9.9	2.160	3.121	4.8	17.1
12 17	4 51.25	+ 6 58.7	2.171	3.114	6.2	17.1
12 27	4 44.11	+ 7 0.4	2.211	3.108	8.8	17.3
1 6	4 38.46	+ 7 14.7	2.276	3.102	11.5	17.4
1 16	4 34.77	+ 7 40.3	2.362	3.096	13.9	17.6

135995 2002 VX_{25} 12 7.8 59.°69 5.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.02	+ 9 11.8	1.610	2.465	14.4	19.1
11 17	5 17.47	+ 8 42.2	1.569	2.486	10.8	18.9
11 27	5 8.88	+ 8 23.1	1.552	2.507	7.3	18.8
12 7	4 59.30	+ 8 17.2	1.562	2.528	5.5	18.7
12 17	4 49.92	+ 8 25.8	1.599	2.549	7.2	18.9
12 27	4 41.88	+ 8 48.7	1.662	2.571	10.5	19.1
1 6	4 36.03	+ 9 24.1	1.750	2.592	13.7	19.4
1 16	4 32.82	+10 9.3	1.858	2.613	16.4	19.6

35708 1999 FX_{27} 12 7.8 227.°09 1.°5/ 8.1 18

11 7	5 26.90	+26 34.1	1.710	2.565	13.8	19.5
11 17	5 19.95	+26 43.1	1.638	2.561	9.9	19.3
11 27	5 10.44	+26 45.6	1.589	2.557	5.6	19.0
12 7	4 59.43	+26 40.0	1.569	2.552	1.6	18.7
12 17	4 48.26	+26 26.7	1.577	2.547	4.6	18.9
12 27	4 38.38	+26 8.2	1.612	2.543	9.1	19.2
1 6	4 30.90	+25 48.5	1.674	2.537	13.1	19.4
1 16	4 26.49	+25 31.3	1.756	2.532	16.5	19.6

350716 2001 XO_{105} 12 7.8 257.°40 0.°3/ 7.8 17

11 7	5 37.83	+15 18.2	1.138	1.998	18.8	20.3
11 17	5 29.06	+17 15.5	1.065	1.991	13.6	20.0
11 27	5 16.01	+19 30.7	1.015	1.985	7.5	19.7
12 7	4 59.91	+21 55.0	0.993	1.978	0.7	19.2
12 17	4 42.83	+24 16.3	0.999	1.971	6.4	19.6
12 27	4 27.34	+26 25.3	1.034	1.963	12.9	19.9
1 6	4 15.50	+28 18.4	1.092	1.956	18.5	20.2
1 16	4 8.48	+29 57.2	1.170	1.949	22.9	20.5

377974 2006 OU_2 12 7.8 78.°19 3.°9/ 7.5 18

11 7	5 31.23	+13 4.1	1.335	2.194	16.6	20.9
11 17	5 22.74	+13 4.9	1.302	2.225	11.9	20.7
11 27	5 11.71	+13 13.8	1.292	2.256	7.1	20.5
12 7	4 59.53	+13 31.2	1.309	2.287	3.9	20.4
12 17	4 47.76	+13 56.9	1.353	2.317	6.5	20.7
12 27	4 37.87	+14 30.4	1.424	2.346	10.8	21.0
1 6	4 30.82	+15 10.4	1.520	2.375	14.7	21.3
1 16	4 27.04	+15 55.6	1.635	2.403	17.8	21.6

404483 2013 HX_{12} 12 7.8 211.°42 0.°3/ 7.7 18

11 7	5 23.52	+22 20.8	2.250	3.101	11.0	21.7
11 17	5 17.01	+22 8.8	2.173	3.096	7.8	21.5
11 27	5 8.68	+21 54.0	2.123	3.092	4.2	21.3
12 7	4 59.32	+21 36.8	2.101	3.086	0.4	21.0
12 17	4 49.88	+21 18.3	2.110	3.081	3.7	21.2
12 27	4 41.35	+21 0.5	2.149	3.075	7.4	21.4
1 6	4 34.55	+20 45.6	2.215	3.069	10.7	21.6
1 16	4 30.00	+20 35.4	2.303	3.062	13.5	21.8

169082 2001 HK_{35} 12 7.8 263.°02 3.°6/ 6.5 18

11 7	5 23.61	+15 48.2	1.897	2.753	12.5	20.4
11 17	5 17.31	+14 44.7	1.816	2.739	9.1	20.2
11 27	5 8.94	+13 41.0	1.761	2.725	5.6	20.0
12 7	4 59.36	+12 40.9	1.734	2.710	3.6	19.8
12 17	4 49.64	+11 48.4	1.737	2.695	5.9	19.9
12 27	4 40.92	+11 7.4	1.768	2.680	9.7	20.1
1 6	4 34.13	+10 40.2	1.824	2.665	13.3	20.3
1 16	4 29.86	+10 27.1	1.901	2.649	16.4	20.5

192237 2008 DS_1 12 7.8 230.°30 5.°4/ 6.6 18

11 7	5 22.37	+ 6 56.8	2.146	2.985	11.9	21.0
11 17	5 16.20	+ 6 28.4	2.073	2.978	9.2	20.8
11 27	5 8.26	+ 6 9.1	2.026	2.971	6.6	20.6
12 7	4 59.32	+ 6 1.7	2.006	2.963	5.4	20.5
12 17	4 50.26	+ 6 8.0	2.015	2.955	6.8	20.6
12 27	4 42.04	+ 6 28.3	2.052	2.947	9.5	20.7
1 6	4 35.46	+ 7 1.6	2.115	2.939	12.4	20.9
1 16	4 31.06	+ 7 45.8	2.199	2.930	14.9	21.1

266640 2008 RY_{135} 12 7.8 266.°96 4.°2/ 8.7 18

11 7	5 24.95	+34 56.6	2.331	3.159	11.5	20.4
11 17	5 18.29	+35 30.2	2.250	3.151	8.8	20.2
11 27	5 9.49	+35 53.6	2.194	3.142	6.0	20.1
12 7	4 59.42	+36 4.0	2.167	3.133	4.2	19.9
12 17	4 49.13	+36 0.4	2.169	3.125	5.2	20.0
12 27	4 39.81	+35 44.4	2.200	3.116	7.8	20.1
1 6	4 32.40	+35 19.6	2.257	3.107	10.7	20.3
1 16	4 27.54	+34 50.6	2.338	3.098	13.3	20.5

211334 2002 TD_{26} 12 7.8 81.°50 1.°0/ 8.0 18

11 7	5 27.30	+25 22.5	1.806	2.659	13.2	20.5
11 17	5 19.79	+25 30.3	1.760	2.683	9.4	20.3
11 27	5 10.15	+25 32.7	1.738	2.706	5.1	20.1
12 7	4 59.46	+25 28.8	1.745	2.730	1.1	19.9
12 17	4 48.95	+25 19.3	1.782	2.753	4.1	20.1
12 27	4 39.86	+25 6.6	1.847	2.776	8.2	20.4
1 6	4 33.06	+24 53.9	1.938	2.798	11.7	20.7
1 16	4 29.02	+24 43.8	2.051	2.820	14.6	20.9

194495 2001 WS_{73} 12 7.8 303.°09 0.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.07	+21 5.9	1.448	2.317	15.0	20.3
11 17	5 19.01	+21 4.9	1.373	2.304	10.7	20.0
11 27	5 10.13	+21 2.7	1.320	2.291	5.8	19.7
12 7	4 59.48	+20 59.1	1.293	2.278	0.8	19.3
12 17	4 48.50	+20 54.9	1.293	2.265	5.2	19.6
12 27	4 38.82	+20 52.1	1.320	2.253	10.4	19.8
1 6	4 31.72	+20 53.4	1.371	2.241	15.0	20.1
1 16	4 27.96	+21 0.6	1.441	2.229	18.9	20.3

478544 2012 TB_{23} 12 7.8 31.°95 1.°7/ 8.1 18

11 7	5 25.60	+26 48.5	1.193	2.068	17.0	20.9
11 17	5 19.45	+26 47.4	1.147	2.080	12.2	20.6
11 27	5 10.26	+26 37.2	1.123	2.093	6.7	20.4
12 7	4 59.47	+26 17.5	1.123	2.107	1.8	20.1
12 17	4 48.87	+25 49.9	1.149	2.122	5.4	20.4
12 27	4 40.20	+25 19.1	1.200	2.138	10.6	20.7
1 6	4 34.64	+24 50.5	1.273	2.154	15.2	21.0
1 16	4 32.68	+24 27.9	1.366	2.171	18.9	21.3

384369 2009 UF_{125} 12 7.8 335.°47 2.°3/ 7.5 18

11 7	5 24.33	+18 1.7	1.268	2.144	16.2	20.3
11 17	5 18.62	+17 52.6	1.202	2.136	11.6	20.1
11 27	5 9.94	+17 45.8	1.158	2.129	6.5	19.8
12 7	4 59.46	+17 42.4	1.140	2.123	2.3	19.5
12 17	4 48.76	+17 43.7	1.147	2.117	6.0	19.7
12 27	4 39.53	+17 51.6	1.179	2.112	11.3	20.0
1 6	4 33.10	+18 7.2	1.234	2.107	16.1	20.2
1 16	4 30.19	+18 30.9	1.307	2.104	20.0	20.5

414994 2011 ES_{80} 12 7.8 332.°60 1.°1/ 8.1 17

11 7	5 21.18	+26 45.7	1.642	2.507	13.7	20.4
11 17	5 16.07	+26 30.8	1.560	2.489	9.9	20.1
11 27	5 8.47	+26 7.7	1.502	2.471	5.5	19.8
12 7	4 59.36	+25 36.4	1.469	2.454	1.3	19.5
12 17	4 50.00	+24 58.6	1.465	2.437	4.5	19.7
12 27	4 41.81	+24 18.0	1.487	2.422	9.2	19.9
1 6	4 35.90	+23 39.3	1.534	2.407	13.5	20.1
1 16	4 32.96	+23 6.4	1.601	2.394	17.1	20.3

129875 1999 RZ_{248} 12 7.8 64.°23 0.°5/ 7.9 18

11 7	5 27.03	+24 2.2	1.514	2.376	14.8	19.7
11 17	5 19.90	+24 3.7	1.468	2.396	10.4	19.5
11 27	5 10.32	+24 0.6	1.446	2.415	5.6	19.3
12 7	4 59.49	+23 52.3	1.450	2.435	0.7	19.0
12 17	4 48.87	+23 40.0	1.483	2.455	4.6	19.3
12 27	4 39.86	+23 26.4	1.544	2.475	9.2	19.6
1 6	4 33.43	+23 14.7	1.628	2.496	13.2	19.9
1 16	4 30.09	+23 7.5	1.734	2.516	16.4	20.2

65338 2002 NH_1 12 7.8 102.°36 0.°7/ 7.7 18

11 7	5 25.21	+21 22.3	1.811	2.668	13.0	20.4
11 17	5 18.42	+21 13.4	1.752	2.678	9.2	20.2
11 27	5 9.50	+21 2.5	1.718	2.687	4.9	19.9
12 7	4 59.44	+20 50.0	1.712	2.696	0.7	19.6
12 17	4 49.43	+20 37.2	1.735	2.706	4.3	19.9
12 27	4 40.66	+20 26.2	1.786	2.714	8.5	20.2
1 6	4 34.03	+20 19.1	1.864	2.723	12.2	20.5
1 16	4 30.07	+20 17.5	1.963	2.732	15.2	20.7

197819 2004 PZ_{78} 12 7.8 67.°25 5.°0/ 7.1 18

11 7	5 26.22	+11 18.9	1.444	2.304	15.5	20.7
11 17	5 19.22	+10 55.0	1.404	2.325	11.4	20.5
11 27	5 9.91	+10 40.3	1.387	2.347	7.2	20.3
12 7	4 59.47	+10 37.4	1.395	2.368	5.0	20.2
12 17	4 49.26	+10 47.2	1.432	2.389	7.0	20.4
12 27	4 40.59	+11 9.9	1.494	2.410	10.8	20.7
1 6	4 34.40	+11 43.9	1.581	2.432	14.4	20.9
1 16	4 31.15	+12 27.0	1.687	2.453	17.5	21.2

171619 2000 CX_2 12 7.8 346.°02 1.°2/ 7.6 18

11 7	5 23.08	+19 53.0	1.445	2.317	14.8	19.4
11 17	5 17.49	+19 54.2	1.378	2.311	10.6	19.1
11 27	5 9.25	+19 55.9	1.334	2.305	5.7	18.8
12 7	4 59.44	+19 58.1	1.316	2.300	1.2	18.5
12 17	4 49.45	+20 1.5	1.325	2.296	5.1	18.7
12 27	4 40.77	+20 7.7	1.360	2.293	10.1	19.0
1 6	4 34.58	+20 18.3	1.418	2.290	14.5	19.3
1 16	4 31.56	+20 34.3	1.497	2.288	18.1	19.5

367621 2009 UN_{104} 12 7.8 57.°68 4.°4/ 6.6 18

11 7	5 21.39	+11 46.0	1.959	2.813	12.3	20.6
11 17	5 15.46	+11 1.5	1.908	2.827	9.0	20.5
11 27	5 7.83	+10 23.0	1.883	2.841	5.9	20.3
12 7	4 59.33	+ 9 53.3	1.886	2.855	4.4	20.2
12 17	4 50.93	+ 9 34.9	1.917	2.869	6.1	20.4
12 27	4 43.59	+ 9 29.0	1.976	2.884	9.1	20.6
1 6	4 38.05	+ 9 35.4	2.060	2.899	12.1	20.8
1 16	4 34.74	+ 9 52.9	2.166	2.913	14.6	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
418488	2008 RM_{114}	12	7.8	223.°46	5.°4/ 5.8	17
	h m	° ′			°	m
11 7	5 19.64	+ 6 54.1	2.412	3.251	10.8	21.3
11 17	5 14.08	+ 5 57.5	2.346	3.250	8.4	21.1
11 27	5 7.07	+ 5 8.2	2.307	3.248	6.2	21.0
12 7	4 59.28	+ 4 29.8	2.295	3.246	5.4	20.9
12 17	4 51.45	+ 4 4.8	2.313	3.244	6.7	21.0
12 27	4 44.39	+ 3 54.6	2.358	3.242	8.9	21.1
1 6	4 38.76	+ 3 58.9	2.428	3.240	11.4	21.3
1 16	4 34.99	+ 4 16.2	2.521	3.238	13.5	21.4
496625	2015 RM_{76}	12	7.8	346.°17	3.°5/ 6.9	18
11 7	5 22.19	+15 45.2	1.564	2.431	14.1	21.0
11 17	5 16.58	+15 5.1	1.498	2.427	10.2	20.8
11 27	5 8.65	+14 27.5	1.457	2.423	6.1	20.5
12 7	4 59.40	+13 55.5	1.442	2.420	3.5	20.4
12 17	4 50.08	+13 32.2	1.454	2.417	6.1	20.5
12 27	4 41.97	+13 20.1	1.492	2.415	10.3	20.7
1 6	4 36.11	+13 20.3	1.555	2.413	14.2	21.0
1 16	4 33.06	+13 32.4	1.637	2.412	17.6	21.2
177229	2003 UL_{236}	12	7.8	63.°94	1.°3/ 7.6	18
11 7	5 30.14	+19 49.2	1.181	2.052	17.4	19.9
11 17	5 22.38	+19 51.2	1.146	2.078	12.3	19.7
11 27	5 11.69	+19 53.2	1.133	2.104	6.5	19.5
12 7	4 59.62	+19 55.2	1.145	2.130	1.3	19.2
12 17	4 47.95	+19 57.8	1.184	2.156	5.6	19.6
12 27	4 38.35	+20 3.1	1.249	2.182	10.8	20.0
1 6	4 31.90	+20 12.9	1.337	2.208	15.3	20.3
1 16	4 29.02	+20 28.2	1.444	2.234	18.8	20.6
332815	2009 WV_{211}	12	7.8	238.°18	2.°1/ 7.0	18
11 7	5 20.99	+17 30.3	2.442	3.294	10.3	20.8
11 17	5 15.09	+16 51.5	2.365	3.287	7.3	20.6
11 27	5 7.65	+16 12.6	2.314	3.280	4.2	20.4
12 7	4 59.34	+15 35.5	2.293	3.273	2.1	20.2
12 17	4 50.97	+15 2.3	2.302	3.265	4.2	20.4
12 27	4 43.39	+14 35.4	2.341	3.258	7.4	20.5
1 6	4 37.30	+14 16.2	2.407	3.250	10.4	20.7
1 16	4 33.18	+14 5.7	2.495	3.242	12.9	20.9
89809	2002 AM_{166}	12	7.8	91.°87	0.°1/ 7.8	18
11 7	5 23.27	+23 9.0	2.056	2.911	11.8	19.3
11 17	5 16.92	+22 59.7	1.992	2.916	8.3	19.1
11 27	5 8.68	+22 47.1	1.953	2.922	4.4	18.9
12 7	4 59.41	+22 31.5	1.943	2.928	0.3	18.6
12 17	4 50.16	+22 14.0	1.962	2.934	3.8	18.9
12 27	4 41.96	+21 56.8	2.011	2.939	7.6	19.1
1 6	4 35.64	+21 42.2	2.086	2.945	11.1	19.3
1 16	4 31.72	+21 32.1	2.183	2.951	13.9	19.5
517557	2014 TV_{6}	12	7.8	28.°39	1.°3/ 7.5	17
11 7	5 21.47	+19 34.9	2.027	2.886	11.7	21.1
11 17	5 15.66	+19 22.9	1.963	2.890	8.3	20.8
11 27	5 8.01	+19 10.7	1.925	2.894	4.5	20.6
12 7	4 59.37	+18 59.1	1.915	2.899	1.3	20.4
12 17	4 50.71	+18 49.3	1.934	2.904	4.1	20.6
12 27	4 43.06	+18 42.9	1.982	2.909	7.9	20.9
1 6	4 37.21	+18 41.3	2.056	2.914	11.2	21.1
1 16	4 33.68	+18 45.4	2.152	2.920	14.1	21.3
84427	2002 TQ_{222}	12	7.8	47.°71	1.°5/ 7.5	18
11 7	5 24.00	+19 45.1	1.613	2.478	13.9	19.7
11 17	5 17.72	+19 27.1	1.558	2.488	9.8	19.5
11 27	5 9.19	+19 8.5	1.527	2.497	5.3	19.2
12 7	4 59.47	+18 50.7	1.523	2.507	1.5	19.0
12 17	4 49.80	+18 35.3	1.547	2.517	4.8	19.3
12 27	4 41.48	+18 24.6	1.599	2.528	9.2	19.5
1 6	4 35.44	+18 20.5	1.675	2.539	13.1	19.8
1 16	4 32.22	+18 23.9	1.772	2.550	16.3	20.1
516543	2006 SH_{367}	12	7.8	39.°47	3.°1/ 7.4	18
11 7	5 23.65	+15 14.6	1.511	2.378	14.6	20.6
11 17	5 17.52	+15 5.7	1.463	2.391	10.4	20.4
11 27	5 9.09	+15 1.9	1.439	2.406	6.1	20.2
12 7	4 59.48	+15 4.3	1.440	2.420	3.1	20.0
12 17	4 49.96	+15 13.8	1.469	2.435	5.7	20.2
12 27	4 41.82	+15 31.0	1.525	2.451	9.8	20.5
1 6	4 36.03	+15 55.7	1.605	2.467	13.6	20.8
1 16	4 33.08	+16 27.2	1.705	2.483	16.8	21.0
223066	2002 TJ_{231}	12	7.8	26.°33	22.°5/11.2	18
11 7	5 48.19	+58 46.8	0.989	1.767	26.8	18.5
11 17	5 41.26	+62 46.3	0.974	1.784	24.8	18.4
11 27	5 24.88	+65 55.9	0.975	1.803	23.3	18.4
12 7	5 0.80	+67 54.0	0.991	1.824	22.6	18.5
12 17	4 34.83	+68 31.0	1.023	1.846	22.6	18.6
12 27	4 14.53	+67 57.2	1.070	1.870	23.3	18.7
1 6	4 4.13	+66 36.0	1.130	1.896	24.3	18.9
1 16	4 3.73	+64 49.7	1.202	1.922	25.5	19.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
31042	1996 KS_{4}	12	7.8	138.°91	1.°3/ 7.6	18
	h m	° ′			°	m
11 7	5 27.03	+19 26.3	1.861	2.714	12.9	19.9
11 17	5 19.65	+19 18.4	1.801	2.725	9.1	19.7
11 27	5 10.17	+19 10.2	1.767	2.735	4.9	19.4
12 7	4 59.56	+19 2.2	1.760	2.744	1.3	19.2
12 17	4 48.99	+18 55.5	1.784	2.753	4.4	19.4
12 27	4 39.65	+18 51.8	1.837	2.762	8.5	19.7
1 6	4 32.43	+18 52.6	1.916	2.769	12.2	20.0
1 16	4 27.87	+18 59.0	2.016	2.777	15.2	20.2
351449	2005 JA_{141}	12	7.8	178.°34	5.°1/ 6.6	18
11 7	5 22.89	+ 6 4.7	2.500	3.329	10.8	21.9
11 17	5 16.33	+ 5 37.7	2.433	3.331	8.3	21.7
11 27	5 8.28	+ 5 19.4	2.392	3.333	6.1	21.6
12 7	4 59.42	+ 5 12.0	2.381	3.334	5.1	21.5
12 17	4 50.53	+ 5 16.8	2.399	3.334	6.2	21.6
12 27	4 42.41	+ 5 34.1	2.446	3.333	8.5	21.7
1 6	4 35.75	+ 6 2.9	2.520	3.332	11.0	21.9
1 16	4 30.98	+ 6 41.5	2.616	3.330	13.2	22.1
215196	2000 SK_{30}	12	7.8	144.°52	4.°6/ 8.7	18
11 7	5 32.32	+33 16.8	1.521	2.365	15.8	20.3
11 17	5 24.13	+33 46.2	1.460	2.372	11.8	20.1
11 27	5 12.84	+34 1.6	1.423	2.378	7.6	19.9
12 7	4 59.78	+33 59.0	1.411	2.385	4.7	19.7
12 17	4 46.71	+33 37.7	1.427	2.390	6.3	19.8
12 27	4 35.41	+33 2.0	1.471	2.396	10.2	20.1
1 6	4 27.19	+32 18.9	1.539	2.400	14.2	20.3
1 16	4 22.65	+31 35.4	1.628	2.405	17.5	20.6
59415	1999 GJ	12	7.8	157.°21	1.°2/ 8.1	18
11 7	5 27.71	+26 16.1	1.965	2.812	12.6	20.1
11 17	5 20.19	+26 19.9	1.899	2.819	9.0	19.8
11 27	5 10.49	+26 17.6	1.859	2.825	5.0	19.6
12 7	4 59.60	+26 8.3	1.847	2.830	1.3	19.4
12 17	4 48.70	+25 52.6	1.865	2.835	4.0	19.6
12 27	4 39.01	+25 33.0	1.912	2.840	8.1	19.8
1 6	4 31.48	+25 12.9	1.986	2.843	11.6	20.1
1 16	4 26.65	+24 55.4	2.083	2.847	14.6	20.3
66083	1998 RW_{61}	12	7.8	2.°97	0.°1/ 7.8	17
11 7	5 22.27	+23 35.2	1.999	2.856	11.9	18.9
11 17	5 16.34	+23 26.4	1.930	2.856	8.5	18.7
11 27	5 8.44	+23 13.8	1.886	2.856	4.5	18.5
12 7	4 59.46	+22 57.7	1.871	2.856	0.4	18.1
12 17	4 50.42	+22 39.4	1.885	2.856	3.8	18.4
12 27	4 42.43	+22 21.0	1.927	2.857	7.8	18.7
1 6	4 36.33	+22 5.1	1.996	2.858	11.4	18.9
1 16	4 32.68	+21 53.6	2.087	2.859	14.3	19.1
127390	2002 LO_{8}	12	7.8	113.°18	1.°8/ 7.3	18
11 7	5 22.04	+16 52.5	2.551	3.398	10.0	20.6
11 17	5 15.68	+16 39.0	2.494	3.415	7.1	20.5
11 27	5 7.91	+16 26.9	2.465	3.430	4.0	20.3
12 7	4 59.42	+16 17.3	2.465	3.446	1.8	20.2
12 17	4 50.99	+16 10.9	2.497	3.461	3.8	20.3
12 27	4 43.41	+16 8.9	2.558	3.476	6.8	20.6
1 6	4 37.30	+16 12.1	2.646	3.491	9.5	20.8
1 16	4 33.08	+16 20.5	2.759	3.505	11.8	20.9
286139	2001 TO_{192}	12	7.8	49.°59	0.°8/ 7.6	18
11 7	5 23.60	+22 38.8	1.811	2.671	12.9	20.0
11 17	5 17.31	+22 1.6	1.749	2.676	9.1	19.8
11 27	5 8.95	+21 20.0	1.712	2.682	4.9	19.5
12 7	4 59.51	+20 36.0	1.703	2.688	0.8	19.2
12 17	4 50.12	+19 52.3	1.723	2.693	4.3	19.5
12 27	4 41.97	+19 12.5	1.771	2.699	8.5	19.8
1 6	4 35.91	+18 39.8	1.845	2.705	12.2	20.0
1 16	4 32.45	+18 16.2	1.940	2.712	15.3	20.2
375476	2008 UT_{17}	12	7.8	136.°23	5.°3/ 9.0	17
11 7	5 26.97	+39 6.1	2.498	3.308	11.4	21.2
11 17	5 19.68	+39 55.5	2.429	3.312	9.0	21.0
11 27	5 10.27	+40 32.5	2.386	3.317	6.7	20.9
12 7	4 59.62	+40 53.8	2.371	3.321	5.4	20.8
12 17	4 48.81	+40 57.9	2.385	3.325	6.0	20.9
12 27	4 39.02	+40 46.4	2.428	3.329	8.0	21.0
1 6	4 31.20	+40 23.3	2.498	3.332	10.3	21.2
1 16	4 25.96	+39 53.3	2.590	3.336	12.5	21.3
2035	Stearns	12	7.8	151.°46	0.°6/ 7.9	18 A
11 7	5 42.39	+14 57.1	1.238	2.085	18.4	15.6
11 17	5 31.86	+16 53.4	1.174	2.094	13.3	15.3
11 27	5 17.34	+19 3.6	1.134	2.101	7.2	15.0
12 7	5 0.19	+21 18.5	1.123	2.108	0.8	14.6
12 17	4 42.53	+23 27.3	1.143	2.114	6.0	15.0
12 27	4 26.72	+25 22.9	1.193	2.119	12.0	15.3
1 6	4 14.55	+27 3.3	1.269	2.123	17.1	15.7
1 16	4 6.92	+28 30.9	1.365	2.126	21.1	16.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
228830	2003 DP	12	7.8	352.°30	0.°4/	7.9 18 R
	h m	° ′			°	m
11 7	5 23.30	+24 29.4	1.151	2.032	17.0	19.4
11 17	5 18.18	+24 16.8	1.089	2.026	12.2	19.2
11 27	5 9.84	+23 57.5	1.049	2.021	6.6	18.8
12 7	4 59.59	+23 31.6	1.033	2.018	0.7	18.4
12 17	4 49.19	+23 1.4	1.041	2.015	5.6	18.8
12 27	4 40.52	+22 31.6	1.074	2.013	11.3	19.1
1 6	4 34.94	+22 7.0	1.128	2.013	16.4	19.4
1 16	4 33.11	+21 50.8	1.201	2.014	20.5	19.6
319670	2006 TJ_{51}	12	7.8	94.°05	2.°9/	7.2 18
11 7	5 28.05	+17 36.4	1.454	2.317	15.3	21.1
11 17	5 20.61	+16 54.9	1.408	2.335	10.9	20.9
11 27	5 10.73	+16 14.6	1.385	2.352	6.1	20.6
12 7	4 59.66	+15 38.3	1.389	2.369	2.9	20.5
12 17	4 48.81	+15 9.1	1.420	2.386	5.9	20.7
12 27	4 39.59	+14 50.0	1.479	2.403	10.3	21.0
1 6	4 32.97	+14 42.3	1.562	2.419	14.3	21.3
1 16	4 29.41	+14 46.0	1.665	2.434	17.5	21.6
486393	2013 EC_{36}	12	7.8	336.°93	5.°9/	6.7 17
11 7	5 19.54	+11 50.1	1.226	2.106	16.3	20.6
11 17	5 15.36	+11 8.8	1.153	2.085	12.3	20.3
11 27	5 8.33	+10 35.5	1.102	2.066	8.1	20.1
12 7	4 59.49	+10 15.2	1.074	2.047	5.9	19.9
12 17	4 50.28	+10 11.8	1.071	2.031	8.4	20.0
12 27	4 42.33	+10 27.4	1.090	2.015	13.0	20.2
1 6	4 36.97	+11 1.1	1.131	2.001	17.5	20.4
1 16	4 35.01	+11 50.2	1.190	1.989	21.5	20.6
397284	2006 SN_{49}	12	7.8	36.°74	6.°7/	6.4 18
11 7	5 22.35	+ 9 3.8	1.409	2.273	15.6	19.8
11 17	5 16.55	+ 8 1.3	1.371	2.291	11.7	19.6
11 27	5 8.55	+ 7 10.3	1.357	2.310	8.2	19.5
12 7	4 59.49	+ 6 35.7	1.367	2.330	6.7	19.4
12 17	4 50.64	+ 6 20.6	1.403	2.350	8.5	19.6
12 27	4 43.25	+ 6 25.7	1.464	2.371	11.8	19.8
1 6	4 38.20	+ 6 48.8	1.548	2.392	15.1	20.1
1 16	4 35.92	+ 7 26.6	1.651	2.414	17.9	20.3
341927	2008 LF_5	12	7.8	132.°69	2.°2/	7.4 18
11 7	5 27.79	+16 25.9	1.942	2.790	12.6	21.5
11 17	5 20.07	+16 20.7	1.885	2.806	9.0	21.3
11 27	5 10.37	+16 17.9	1.855	2.821	5.1	21.1
12 7	4 59.64	+16 18.2	1.854	2.835	2.2	21.0
12 17	4 48.98	+16 22.3	1.883	2.849	4.7	21.2
12 27	4 39.52	+16 31.1	1.942	2.862	8.5	21.4
1 6	4 32.11	+16 45.2	2.027	2.874	11.9	21.6
1 16	4 27.24	+17 4.9	2.134	2.885	14.7	21.9
383852	2008 OF_{22}	12	7.8	127.°88	2.°5/	8.5 18
11 7	5 29.81	+30 14.4	1.903	2.743	13.2	21.7
11 17	5 21.68	+30 19.1	1.845	2.759	9.6	21.5
11 27	5 11.28	+30 13.8	1.813	2.774	5.7	21.3
12 7	4 59.70	+29 57.1	1.809	2.789	2.6	21.1
12 17	4 48.26	+29 29.9	1.835	2.802	4.5	21.2
12 27	4 38.24	+28 55.6	1.890	2.815	8.2	21.5
1 6	4 30.60	+28 18.9	1.971	2.828	11.7	21.7
1 16	4 25.84	+27 44.4	2.075	2.840	14.7	22.0
82342	2001 LR_{16}	12	7.8	92.°49	0.°2/	7.8 18
11 7	5 28.37	+23 38.5	1.528	2.388	14.8	19.5
11 17	5 20.85	+23 13.4	1.478	2.405	10.5	19.3
11 27	5 10.87	+22 43.0	1.452	2.422	5.6	19.1
12 7	4 59.67	+22 8.5	1.453	2.438	0.5	18.7
12 17	4 48.70	+21 32.3	1.483	2.455	4.7	19.1
12 27	4 39.35	+20 58.6	1.541	2.471	9.4	19.4
1 6	4 32.61	+20 30.9	1.623	2.486	13.4	19.7
1 16	4 28.96	+20 11.6	1.726	2.502	16.7	20.0
69848	1998 SQ_{35}	12	7.8	251.°59	4.°4/	8.5 18
11 7	5 26.39	+35 1.6	2.381	3.206	11.4	18.5
11 17	5 19.38	+35 52.1	2.300	3.199	8.7	18.3
11 27	5 10.19	+36 33.1	2.245	3.191	6.1	18.2
12 7	4 59.64	+37 1.3	2.219	3.183	4.4	18.0
12 17	4 48.79	+37 14.8	2.222	3.174	5.4	18.1
12 27	4 38.85	+37 14.4	2.255	3.166	7.9	18.2
1 6	4 30.82	+37 3.5	2.314	3.158	10.7	18.4
1 16	4 25.36	+36 46.4	2.396	3.149	13.2	18.6
431722	2008 EM_{166}	12	7.8	186.°28	9.°4/	8.7 18
11 7	5 39.58	+45 20.2	1.924	2.709	15.2	21.4
11 17	5 29.83	+47 1.2	1.855	2.709	12.8	21.3
11 27	5 16.27	+48 23.3	1.810	2.708	10.6	21.1
12 7	5 0.13	+49 17.3	1.791	2.707	9.4	21.1
12 17	4 43.36	+49 37.8	1.799	2.705	10.0	21.1
12 27	4 28.17	+49 26.7	1.834	2.702	11.9	21.2
1 6	4 16.34	+48 51.7	1.893	2.699	14.3	21.4
1 16	4 8.81	+48 3.1	1.973	2.695	16.7	21.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
350899	2002 RC_4	12	7.8	160.°49	2.°9/	8.9 18
	h m	° ′			°	m
11 7	5 27.67	+32 53.5	2.058	2.893	12.6	21.3
11 17	5 20.14	+32 37.8	1.988	2.897	9.3	21.1
11 27	5 10.46	+32 9.6	1.943	2.901	5.7	20.9
12 7	4 59.65	+31 28.3	1.927	2.904	3.0	20.7
12 17	4 48.92	+30 35.5	1.941	2.907	4.5	20.8
12 27	4 39.48	+29 35.6	1.984	2.910	7.9	21.1
1 6	4 32.25	+28 34.0	2.055	2.912	11.3	21.3
1 16	4 27.74	+27 35.8	2.148	2.914	14.2	21.5
49316	1998 VX_{23}	12	7.8	326.°53	1.°7/	7.9 18
11 7	5 24.92	+24 21.1	1.202	2.080	16.8	17.8
11 17	5 19.61	+25 0.1	1.128	2.062	12.2	17.5
11 27	5 10.82	+25 37.2	1.074	2.045	6.8	17.1
12 7	4 59.71	+26 8.8	1.045	2.029	1.8	16.8
12 17	4 48.00	+26 32.5	1.040	2.013	5.8	17.0
12 27	4 37.74	+26 48.8	1.061	1.999	11.6	17.2
1 6	4 30.59	+27 0.7	1.103	1.986	16.8	17.5
1 16	4 27.50	+27 12.0	1.164	1.974	21.2	17.7
280893	2005 WZ_{170}	12	7.8	90.°27	0.°1/	7.8 18
11 7	5 26.60	+23 40.3	1.549	2.411	14.5	20.7
11 17	5 19.75	+23 21.1	1.489	2.417	10.3	20.4
11 27	5 10.38	+22 56.6	1.453	2.423	5.5	20.2
12 7	4 59.66	+22 27.7	1.443	2.428	0.4	19.8
12 17	4 48.97	+21 56.4	1.462	2.434	4.7	20.2
12 27	4 39.76	+21 26.5	1.509	2.440	9.4	20.5
1 6	4 33.08	+21 1.5	1.580	2.446	13.6	20.7
1 16	4 29.47	+20 44.2	1.672	2.452	17.0	21.0
342452	2008 UW_{110}	12	7.8	85.°69	3.°7/	8.6 18
11 7	5 29.41	+31 42.1	1.613	2.460	14.8	20.9
11 17	5 21.78	+32 4.6	1.560	2.475	10.9	20.7
11 27	5 11.47	+32 15.1	1.531	2.490	6.8	20.5
12 7	4 59.74	+32 10.9	1.528	2.505	3.8	20.4
12 17	4 48.12	+31 52.2	1.554	2.520	5.5	20.5
12 27	4 38.16	+31 22.8	1.608	2.535	9.3	20.8
1 6	4 30.93	+30 48.3	1.686	2.549	13.0	21.0
1 16	4 26.99	+30 14.2	1.785	2.563	16.2	21.3
317319	2002 HH_{15}	12	7.8	156.°46	1.°4/	8.0 18
11 7	5 28.55	+25 6.7	2.020	2.865	12.3	20.7
11 17	5 20.86	+25 44.5	1.952	2.871	8.8	20.4
11 27	5 10.93	+26 18.7	1.911	2.877	4.9	20.2
12 7	4 59.71	+26 46.9	1.899	2.882	1.5	20.0
12 17	4 48.35	+27 7.8	1.917	2.887	4.1	20.2
12 27	4 38.11	+27 22.1	1.965	2.891	8.0	20.4
1 6	4 29.97	+27 32.1	2.040	2.894	11.5	20.7
1 16	4 24.53	+27 40.4	2.138	2.897	14.4	20.9
341997	2008 RO_{22}	12	7.8	63.°71	2.°4/	7.5 18
11 7	5 27.34	+16 53.4	1.397	2.262	15.6	20.8
11 17	5 20.19	+16 49.4	1.355	2.284	11.1	20.5
11 27	5 10.55	+16 48.8	1.337	2.305	6.2	20.3
12 7	4 59.67	+16 52.3	1.345	2.327	2.5	20.1
12 17	4 49.01	+17 0.5	1.380	2.349	5.6	20.4
12 27	4 40.00	+17 14.3	1.443	2.371	10.1	20.7
1 6	4 33.64	+17 34.3	1.529	2.393	14.1	21.0
1 16	4 30.40	+18 0.2	1.636	2.414	17.4	21.3
384614	2011 BP_{115}	12	7.8	250.°40	1.°0/	8.1 18
11 7	5 27.90	+25 59.8	1.568	2.426	14.6	21.5
11 17	5 20.94	+25 50.1	1.490	2.415	10.5	21.2
11 27	5 11.19	+25 32.7	1.436	2.404	5.8	21.0
12 7	4 59.74	+25 6.9	1.409	2.393	1.1	20.6
12 17	4 48.06	+24 34.3	1.410	2.382	4.8	20.8
12 27	4 37.73	+23 58.6	1.439	2.370	9.8	21.1
1 6	4 30.01	+23 24.7	1.492	2.358	14.2	21.3
1 16	4 25.60	+22 56.9	1.566	2.346	18.0	21.6
49692	1999 UB_7	12	7.8	161.°97	2.°4/	7.3 18
11 7	5 27.45	+16 55.3	1.909	2.759	12.7	19.2
11 17	5 19.93	+16 30.5	1.845	2.766	9.1	19.0
11 27	5 10.35	+16 7.0	1.807	2.772	5.2	18.7
12 7	4 59.66	+15 46.3	1.797	2.778	2.4	18.6
12 17	4 48.99	+15 30.3	1.818	2.783	5.0	18.7
12 27	4 39.49	+15 20.9	1.868	2.787	8.8	19.0
1 6	4 32.05	+15 19.4	1.944	2.790	12.4	19.2
1 16	4 27.21	+15 26.1	2.042	2.792	15.3	19.4
316991	2001 OJ_{11}	12	7.8	79.°87	0.°9/	8.1 18
11 7	5 27.35	+25 30.3	1.871	2.722	12.9	21.1
11 17	5 19.80	+25 34.1	1.827	2.749	9.1	20.9
11 27	5 10.21	+25 32.3	1.808	2.775	5.0	20.7
12 7	4 59.65	+25 24.5	1.817	2.801	1.1	20.5
12 17	4 49.31	+25 11.4	1.856	2.827	4.0	20.8
12 27	4 40.35	+24 55.6	1.924	2.853	7.9	21.1
1 6	4 33.61	+24 40.1	2.019	2.878	11.4	21.3
1 16	4 29.53	+24 27.6	2.136	2.903	14.2	21.6

359718 2011 UD_3 12 7.8 21.°49 2.°6/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.86	+27 23.1	1.326	2.196	16.0	20.0
11 17	5 18.95	+27 54.0	1.274	2.204	11.6	19.8
11 27	5 10.12	+28 17.2	1.245	2.213	6.6	19.5
12 7	4 59.65	+28 30.1	1.241	2.223	2.7	19.3
12 17	4 49.18	+28 32.0	1.263	2.234	5.4	19.5
12 27	4 40.39	+28 25.5	1.311	2.246	10.1	19.8
1 6	4 34.48	+28 14.9	1.381	2.259	14.4	20.1
1 16	4 32.06	+28 4.6	1.472	2.273	18.0	20.4

242781 2005 YN_{113} 12 7.8 170.°71 4.°1/ 9.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.77	+36 28.0	2.315	3.139	11.7	20.7
11 17	5 18.77	+36 33.5	2.242	3.140	9.0	20.5
11 27	5 9.75	+36 26.1	2.195	3.141	6.1	20.4
12 7	4 59.62	+36 4.3	2.176	3.142	4.2	20.3
12 17	4 49.50	+35 28.3	2.186	3.143	5.0	20.3
12 27	4 40.50	+34 41.3	2.225	3.143	7.6	20.5
1 6	4 33.51	+33 48.1	2.291	3.143	10.5	20.7
1 16	4 29.06	+32 53.8	2.381	3.144	13.0	20.8

116428 2003 YX_{151} 12 7.8 178.°17 1.°4/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.77	+27 58.6	2.465	3.303	10.6	20.3
11 17	5 18.55	+27 53.7	2.391	3.305	7.6	20.1
11 27	5 9.56	+27 42.0	2.343	3.307	4.3	19.9
12 7	4 59.61	+27 23.3	2.325	3.308	1.5	19.7
12 17	4 49.64	+26 58.1	2.338	3.308	3.5	19.9
12 27	4 40.62	+26 28.9	2.382	3.308	6.8	20.1
1 6	4 33.34	+25 58.9	2.454	3.306	9.9	20.3
1 16	4 28.28	+25 30.9	2.550	3.305	12.5	20.5

481674 2007 XB_{51} 12 7.8 47.°28 1.°0/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.59	+22 56.5	1.443	2.307	15.3	20.8
11 17	5 20.54	+23 39.5	1.398	2.327	10.8	20.5
11 27	5 10.84	+24 20.3	1.377	2.346	5.8	20.3
12 7	4 59.72	+24 55.8	1.382	2.367	1.1	20.0
12 17	4 48.69	+25 24.4	1.415	2.387	4.8	20.4
12 27	4 39.29	+25 47.0	1.476	2.408	9.5	20.7
1 6	4 32.59	+26 5.7	1.560	2.430	13.6	21.0
1 16	4 29.14	+26 23.2	1.666	2.451	16.9	21.3

364823 2008 CN_{15} 12 7.8 281.°80 4.°2/ 6.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.80	+11 34.2	1.914	2.766	12.6	20.9
11 17	5 16.84	+11 12.9	1.833	2.751	9.4	20.6
11 27	5 8.84	+10 58.1	1.777	2.735	6.1	20.4
12 7	4 59.57	+10 51.9	1.748	2.720	4.2	20.3
12 17	4 50.08	+10 56.1	1.748	2.704	6.1	20.3
12 27	4 41.48	+11 11.5	1.776	2.689	9.6	20.5
1 6	4 34.70	+11 37.9	1.829	2.673	13.1	20.7
1 16	4 30.39	+12 14.2	1.903	2.657	16.1	20.9

493315 2014 UA_{194} 12 7.8 313.°60 1.°1/ 7.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.76	+19 34.6	2.156	3.012	11.3	20.9
11 17	5 15.90	+19 30.1	2.083	3.008	8.0	20.6
11 27	5 8.23	+19 25.5	2.036	3.005	4.3	20.4
12 7	4 59.52	+19 21.3	2.017	3.001	1.1	20.2
12 17	4 50.72	+19 18.3	2.028	2.997	3.9	20.4
12 27	4 42.80	+19 17.7	2.068	2.994	7.6	20.6
1 6	4 36.58	+19 20.9	2.134	2.991	11.0	20.8
1 16	4 32.61	+19 28.7	2.223	2.987	13.8	21.0

108134 2001 GT_9 12 7.8 121.°24 2.°7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.83	+14 2.9	2.077	2.924	12.0	20.1
11 17	5 18.64	+14 9.9	2.020	2.938	8.6	20.0
11 27	5 9.62	+14 21.7	1.989	2.952	5.1	19.8
12 7	4 59.63	+14 38.5	1.987	2.965	2.7	19.6
12 17	4 49.67	+15 0.5	2.015	2.978	4.7	19.8
12 27	4 40.76	+15 27.4	2.073	2.991	8.1	20.0
1 6	4 33.69	+15 59.1	2.157	3.003	11.3	20.3
1 16	4 28.97	+16 35.1	2.264	3.014	14.0	20.5

279539 2011 CM_{10} 12 7.8 359.°29 3.°3/ 7.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.76	+13 7.7	1.963	2.818	12.2	20.1
11 17	5 15.96	+13 2.4	1.896	2.817	8.9	19.9
11 27	5 8.29	+13 2.9	1.854	2.817	5.4	19.7
12 7	4 59.53	+13 10.4	1.840	2.817	3.3	19.6
12 17	4 50.70	+13 25.5	1.855	2.817	5.2	19.7
12 27	4 42.81	+13 48.6	1.898	2.817	8.7	19.9
1 6	4 36.72	+14 19.1	1.967	2.817	12.0	20.1
1 16	4 32.97	+14 56.2	2.057	2.818	14.9	20.3

482638 2013 AK_{94} 12 7.8 27.°32 5.°7/ 9.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.65	+33 9.5	0.945	1.824	20.1	19.4
11 17	5 20.68	+33 44.5	0.921	1.850	14.9	19.2
11 27	5 11.05	+33 59.9	0.916	1.878	9.5	19.0
12 7	4 59.73	+33 52.2	0.932	1.908	5.8	18.9
12 17	4 48.98	+33 23.2	0.972	1.940	7.5	19.1
12 27	4 40.84	+32 40.3	1.035	1.973	11.9	19.5
1 6	4 36.45	+31 52.6	1.119	2.007	16.2	19.8
1 16	4 36.12	+31 7.3	1.221	2.042	19.8	20.2

302604 2002 QB_{84} 12 7.8 132.°84 5.°6/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.83	+ 6 47.0	2.128	2.965	12.1	22.2
11 17	5 17.13	+ 6 7.8	2.074	2.977	9.3	22.1
11 27	5 8.78	+ 5 38.1	2.046	2.989	6.7	21.9
12 7	4 59.57	+ 5 20.8	2.046	3.001	5.6	21.9
12 17	4 50.43	+ 5 17.5	2.074	3.011	6.9	22.0
12 27	4 42.27	+ 5 28.8	2.131	3.022	9.4	22.2
1 6	4 35.83	+ 5 53.4	2.213	3.032	12.1	22.4
1 16	4 31.55	+ 6 29.2	2.317	3.041	14.4	22.6

227108 2005 NH_{36} 12 7.8 32.°29 3.°9/ 7.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.76	+15 27.6	0.992	1.878	18.7	19.7
11 17	5 18.95	+15 11.1	0.959	1.897	13.4	19.5
11 27	5 10.07	+15 1.7	0.947	1.917	7.7	19.2
12 7	4 59.67	+15 1.4	0.957	1.938	3.9	19.1
12 17	4 49.59	+15 11.5	0.992	1.961	7.1	19.4
12 27	4 41.59	+15 32.3	1.050	1.984	12.2	19.7
1 6	4 36.76	+16 2.9	1.129	2.008	16.8	20.1
1 16	4 35.57	+16 41.5	1.226	2.034	20.5	20.4

339039 2004 JM_{14} 12 7.8 137.°66 1.°5/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.84	+18 21.5	1.773	2.626	13.4	20.8
11 17	5 20.37	+18 26.4	1.712	2.636	9.5	20.6
11 27	5 10.66	+18 32.7	1.678	2.646	5.2	20.4
12 7	4 59.73	+18 40.3	1.671	2.654	1.5	20.1
12 17	4 48.79	+18 49.4	1.694	2.663	4.6	20.4
12 27	4 39.11	+19 1.0	1.745	2.671	8.8	20.6
1 6	4 31.65	+19 16.1	1.823	2.678	12.6	20.9
1 16	4 26.98	+19 35.5	1.922	2.685	15.7	21.1

229235 2004 XU_{68} 12 7.8 348.°86 0.°3/ 7.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.09	+20 45.6	1.995	2.852	12.0	19.7
11 17	5 17.00	+21 4.4	1.924	2.850	8.5	19.5
11 27	5 8.89	+21 23.2	1.878	2.848	4.6	19.2
12 7	4 59.59	+21 41.2	1.861	2.846	0.5	18.9
12 17	4 50.16	+21 58.1	1.874	2.845	3.9	19.2
12 27	4 41.69	+22 14.5	1.915	2.844	7.9	19.4
1 6	4 35.10	+22 31.3	1.982	2.843	11.5	19.7
1 16	4 30.98	+22 49.9	2.072	2.842	14.5	19.9

187860 2000 JM_{10} 12 7.8 239.°43 5.°5/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.87	+18 35.8	1.156	2.027	17.7	19.5
11 17	5 23.32	+16 12.9	1.091	2.022	12.9	19.2
11 27	5 12.51	+13 40.9	1.049	2.016	7.9	18.9
12 7	4 59.89	+11 10.7	1.034	2.010	5.6	18.7
12 17	4 47.31	+ 8 55.6	1.047	2.003	9.2	18.9
12 27	4 36.65	+ 7 7.0	1.085	1.996	14.4	19.2
1 6	4 29.21	+ 5 50.6	1.145	1.990	19.2	19.5
1 16	4 25.58	+ 5 5.7	1.221	1.982	23.1	19.7

41156 1999 VV_{157} 12 7.8 71.°06 2.°9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.67	+17 34.1	1.583	2.446	14.2	18.4
11 17	5 18.79	+16 44.9	1.538	2.465	10.1	18.2
11 27	5 9.74	+15 56.8	1.517	2.484	5.8	18.0
12 7	4 59.67	+15 13.0	1.523	2.504	2.9	17.9
12 17	4 49.82	+14 36.8	1.558	2.523	5.6	18.1
12 27	4 41.44	+14 11.0	1.620	2.542	9.7	18.4
1 6	4 35.39	+13 57.2	1.707	2.561	13.4	18.7
1 16	4 32.11	+13 55.2	1.814	2.580	16.4	18.9

446646 2015 MQ_{125} 12 7.9 160.°18 0.°9/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.05	+26 34.1	1.984	2.831	12.4	21.3
11 17	5 19.71	+26 18.6	1.916	2.836	8.9	21.1
11 27	5 10.28	+25 55.9	1.874	2.841	4.9	20.8
12 7	4 59.72	+25 26.3	1.861	2.846	1.0	20.6
12 17	4 49.18	+24 51.2	1.878	2.849	3.9	20.8
12 27	4 39.86	+24 13.9	1.925	2.853	8.0	21.1
1 6	4 32.66	+23 38.4	1.998	2.855	11.6	21.3
1 16	4 28.09	+23 7.9	2.093	2.858	14.5	21.5

698 Ernestina 12 7.9 308.°61 3.°9/ 8.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.16	+31 27.1	1.879	2.724	13.2	15.2
11 17	5 19.63	+32 16.9	1.800	2.713	9.8	15.0
11 27	5 10.52	+32 58.8	1.746	2.703	6.3	14.8
12 7	4 59.77	+33 28.8	1.719	2.693	4.0	14.6
12 17	4 48.66	+33 44.6	1.721	2.683	5.5	14.7
12 27	4 38.65	+33 47.2	1.751	2.673	9.0	14.9
1 6	4 30.90	+33 40.3	1.806	2.664	12.6	15.1
1 16	4 26.18	+33 28.5	1.882	2.655	15.7	15.2

239121 2006 HM_{111} 12 7.9 143.°82 2.°1/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.71	+29 51.9	2.335	3.169	11.3	21.7
11 17	5 19.97	+29 58.3	2.271	3.182	8.2	21.6
11 27	5 10.35	+29 56.6	2.234	3.194	4.8	21.4
12 7	4 59.74	+29 45.6	2.226	3.206	2.2	21.2
12 17	4 49.19	+29 26.0	2.249	3.217	3.9	21.4
12 27	4 39.74	+29 0.0	2.303	3.227	7.1	21.6
1 6	4 32.21	+28 31.3	2.384	3.236	10.1	21.8
1 16	4 27.09	+28 3.3	2.489	3.245	12.7	22.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
387131 2012 TX_{191}		12 7.9	130.°92	4.°3/	8.9	18
11 7	5 30.21	+34 15.3	1.749	2.586	14.3	20.9
11 17	5 22.33	+34 28.8	1.688	2.595	10.8	20.7
11 27	5 11.81	+34 28.4	1.650	2.604	7.0	20.5
12 7	4 59.86	+34 11.2	1.640	2.612	4.4	20.3
12 17	4 47.98	+33 37.8	1.658	2.620	5.7	20.4
12 27	4 37.66	+32 52.3	1.704	2.627	9.1	20.7
1 6	4 30.01	+32 1.2	1.775	2.635	12.7	20.9
1 16	4 25.59	+31 10.6	1.869	2.641	15.8	21.1
231575 2008 UO_{57}		12 7.9	187.°35	0.°1/	7.8	18
11 7	5 26.87	+22 48.4	1.963	2.814	12.4	21.0
11 17	5 19.69	+22 47.8	1.891	2.814	8.8	20.7
11 27	5 10.35	+22 44.2	1.844	2.813	4.8	20.5
12 7	4 59.78	+22 37.1	1.827	2.812	0.4	20.1
12 17	4 49.11	+22 27.4	1.839	2.810	4.0	20.4
12 27	4 39.54	+22 16.9	1.880	2.807	8.2	20.7
1 6	4 32.03	+22 8.1	1.948	2.805	11.9	20.9
1 16	4 27.16	+22 3.3	2.038	2.801	14.9	21.1
125295 2001 VJ_{26}		12 7.9	23.°06	2.°0/	8.2	18
11 7	5 26.80	+26 33.4	1.376	2.242	15.8	19.2
11 17	5 20.35	+26 53.6	1.316	2.245	11.4	19.0
11 27	5 10.94	+27 6.9	1.280	2.248	6.4	18.7
12 7	4 59.83	+27 11.1	1.268	2.252	2.1	18.4
12 17	4 48.63	+27 5.9	1.284	2.256	5.2	18.6
12 27	4 39.04	+26 54.2	1.326	2.261	10.1	18.9
1 6	4 32.32	+26 40.3	1.391	2.266	14.6	19.2
1 16	4 29.11	+26 28.4	1.477	2.271	18.2	19.5
16251 Barbifrank		12 7.9	79.°55	1.°0/	7.6	18
11 7	5 28.63	+20 58.5	1.512	2.372	14.9	19.1
11 17	5 20.98	+20 42.8	1.469	2.397	10.5	18.9
11 27	5 10.97	+20 25.3	1.451	2.421	5.6	18.7
12 7	4 59.82	+20 6.8	1.461	2.445	1.1	18.4
12 17	4 48.95	+19 49.1	1.498	2.469	4.8	18.8
12 27	4 39.73	+19 35.0	1.563	2.492	9.4	19.1
1 6	4 33.09	+19 26.6	1.653	2.515	13.3	19.4
1 16	4 29.48	+19 25.5	1.764	2.538	16.5	19.6
360089 2013 BV_{54}		12 7.9	9.°16	11.°7/	6.4	18
11 7	5 23.24	− 8 45.3	1.817	2.608	15.8	20.2
11 17	5 17.05	− 9 31.4	1.764	2.608	13.8	20.1
11 27	5 8.90	− 9 53.1	1.732	2.609	12.2	20.0
12 7	4 59.67	− 9 45.2	1.723	2.609	11.7	20.0
12 17	4 50.41	− 9 6.1	1.739	2.609	12.4	20.0
12 27	4 42.22	− 7 57.6	1.778	2.610	14.0	20.1
1 6	4 35.96	− 6 25.1	1.839	2.610	16.0	20.3
1 16	4 32.15	− 4 35.3	1.920	2.611	18.0	20.4
11920 1992 UY_2		12 7.9	15.°39	3.°3/	7.1	18
11 7	5 25.12	+17 42.8	1.253	2.128	16.4	17.6
11 17	5 19.10	+16 58.5	1.196	2.129	11.8	17.3
11 27	5 10.23	+16 14.9	1.162	2.131	6.7	17.1
12 7	4 59.78	+15 35.6	1.153	2.134	3.3	16.9
12 17	4 49.33	+15 4.4	1.169	2.136	6.6	17.1
12 27	4 40.50	+14 45.0	1.211	2.140	11.5	17.4
1 6	4 34.46	+14 39.2	1.275	2.143	16.0	17.7
1 16	4 31.82	+14 46.6	1.358	2.147	19.8	17.9
218553 2005 EK_{41}		12 7.9	273.°88	0.°4/	7.9	18
11 7	5 23.19	+22 57.8	2.404	3.253	10.5	20.2
11 17	5 16.96	+23 21.8	2.317	3.239	7.5	20.0
11 27	5 8.89	+23 44.5	2.257	3.225	4.1	19.8
12 7	4 59.69	+24 4.7	2.226	3.211	0.6	19.5
12 17	4 50.24	+24 21.9	2.225	3.196	3.4	19.7
12 27	4 41.52	+24 36.4	2.255	3.182	7.0	19.9
1 6	4 34.39	+24 49.6	2.312	3.168	10.3	20.1
1 16	4 29.42	+25 2.8	2.392	3.153	13.0	20.3
448878 2011 UH_{239}		12 7.9	24.°87	0.°6/	7.9	17
11 7	5 24.51	+24 19.1	1.570	2.435	14.2	21.4
11 17	5 18.37	+24 19.4	1.510	2.439	10.1	21.2
11 27	5 9.75	+24 15.0	1.474	2.444	5.5	20.9
12 7	4 59.75	+24 5.5	1.464	2.449	0.7	20.6
12 17	4 49.74	+23 51.9	1.482	2.455	4.5	20.9
12 27	4 41.10	+23 36.8	1.527	2.461	9.2	21.2
1 6	4 34.89	+23 23.3	1.597	2.467	13.2	21.4
1 16	4 31.69	+23 14.3	1.688	2.474	16.6	21.7
152836 1999 VS_{77}		12 7.9	57.°63	0.°6/	8.0	18
11 7	5 23.57	+25 16.5	1.964	2.819	12.2	19.8
11 17	5 17.27	+25 8.2	1.905	2.829	8.7	19.6
11 27	5 9.00	+24 54.7	1.871	2.839	4.7	19.3
12 7	4 59.70	+24 36.1	1.865	2.849	0.8	19.1
12 17	4 50.45	+24 13.7	1.888	2.860	3.8	19.3
12 27	4 42.35	+23 50.0	1.940	2.870	7.7	19.6
1 6	4 36.24	+23 28.0	2.018	2.881	11.2	19.8
1 16	4 32.62	+23 10.1	2.119	2.892	14.1	20.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
113539 2002 TF_{24}		12 7.9	18.°34	1.°8/	7.4	17
11 7	5 20.88	+18 46.5	1.920	2.782	12.1	18.8
11 17	5 15.38	+18 22.8	1.859	2.787	8.6	18.6
11 27	5 8.00	+17 59.3	1.823	2.792	4.8	18.3
12 7	4 59.62	+17 37.5	1.815	2.797	1.8	18.1
12 17	4 51.24	+17 19.2	1.835	2.803	4.4	18.3
12 27	4 43.91	+17 6.4	1.883	2.810	8.2	18.6
1 6	4 38.43	+17 0.5	1.957	2.817	11.7	18.8
1 16	4 35.31	+17 2.1	2.053	2.824	14.6	19.0
407096 2009 SE_{276}		12 7.9	149.°03	0.°1/	7.9	18
11 7	5 23.42	+23 12.5	2.463	3.310	10.3	21.5
11 17	5 16.89	+23 13.1	2.395	3.316	7.3	21.3
11 27	5 8.73	+23 10.9	2.355	3.323	3.9	21.1
12 7	4 59.69	+23 5.8	2.343	3.328	0.3	20.8
12 17	4 50.63	+22 58.4	2.363	3.334	3.3	21.1
12 27	4 42.44	+22 50.1	2.413	3.339	6.7	21.3
1 6	4 35.84	+22 42.8	2.490	3.344	9.7	21.5
1 16	4 31.33	+22 38.1	2.591	3.348	12.2	21.7
485183 2010 TW_9		12 7.9	131.°22	0.°1/	7.9	18
11 7	5 24.17	+23 29.9	1.946	2.801	12.3	21.6
11 17	5 17.78	+23 22.4	1.877	2.802	8.7	21.4
11 27	5 9.34	+23 11.1	1.834	2.803	4.7	21.2
12 7	4 59.75	+22 56.3	1.819	2.804	0.4	20.8
12 17	4 50.10	+22 38.8	1.833	2.805	3.9	21.1
12 27	4 41.55	+22 21.1	1.876	2.806	8.0	21.4
1 6	4 34.99	+22 5.8	1.945	2.807	11.7	21.6
1 16	4 30.98	+21 55.0	2.037	2.807	14.7	21.8
144396 2004 EG_3		12 7.9	353.°02	8.°8/	6.9	18
11 7	5 22.39	+ 1 22.7	1.553	2.394	15.6	18.9
11 17	5 16.77	+ 0 52.8	1.493	2.390	12.6	18.7
11 27	5 8.89	+ 0 41.6	1.455	2.388	9.9	18.5
12 7	4 59.71	+ 0 53.4	1.442	2.385	8.8	18.5
12 17	4 50.44	+ 1 29.8	1.455	2.384	10.0	18.5
12 27	4 42.32	+ 2 29.3	1.492	2.383	12.7	18.7
1 6	4 36.34	+ 3 47.4	1.552	2.382	15.7	18.9
1 16	4 33.12	+ 5 18.6	1.632	2.383	18.6	19.1
457175 2008 GO_{98}		12 7.9	195.°30	3.°3/	6.2	18
11 7	5 15.78	+ 6 48.5	4.238	5.064	6.8	20.1
11 17	5 11.02	+ 6 18.2	4.165	5.061	5.2	20.0
11 27	5 5.45	+ 5 52.5	4.119	5.058	3.8	19.9
12 7	4 59.44	+ 5 32.9	4.104	5.054	3.3	19.8
12 17	4 53.41	+ 5 20.5	4.119	5.050	4.0	19.9
12 27	4 47.77	+ 5 15.8	4.165	5.045	5.5	20.0
1 6	4 42.91	+ 5 18.8	4.238	5.041	7.0	20.1
1 16	4 39.11	+ 5 29.2	4.335	5.036	8.5	20.2
324869 2007 TN_{211}		12 7.9	76.°42	2.°8/	8.5	18
11 7	5 29.73	+29 19.9	1.291	2.153	16.8	20.5
11 17	5 22.65	+29 24.7	1.229	2.155	12.3	20.3
11 27	5 12.27	+29 17.6	1.190	2.156	7.2	20.0
12 7	5 0.01	+28 56.5	1.176	2.158	2.9	19.7
12 17	4 47.70	+28 22.3	1.189	2.160	5.7	19.9
12 27	4 37.25	+27 40.1	1.227	2.162	10.8	20.2
1 6	4 30.00	+26 57.0	1.289	2.163	15.5	20.5
1 16	4 26.60	+26 18.7	1.370	2.165	19.3	20.7
414335 2008 SB_{192}		12 7.9	8.°91	0.°7/	7.7	16
11 7	5 21.21	+20 45.5	1.734	2.600	13.0	20.5
11 17	5 15.85	+20 47.4	1.672	2.602	9.2	20.3
11 27	5 8.37	+20 48.8	1.635	2.606	5.0	20.1
12 7	4 59.69	+20 49.7	1.625	2.610	0.8	19.8
12 17	4 50.96	+20 50.7	1.643	2.614	4.3	20.0
12 27	4 43.36	+20 53.3	1.688	2.620	8.5	20.3
1 6	4 37.82	+20 59.0	1.758	2.626	12.3	20.6
1 16	4 34.91	+21 8.8	1.849	2.634	15.5	20.8
484369 2007 VE_{149}		12 7.9	27.°77	1.°0/	7.7	18
11 7	5 24.23	+20 7.9	1.249	2.126	16.3	20.4
11 17	5 18.42	+20 14.2	1.205	2.139	11.5	20.2
11 27	5 9.85	+20 20.8	1.182	2.154	6.2	19.9
12 7	4 59.81	+20 27.6	1.185	2.169	1.1	19.6
12 17	4 49.89	+20 34.9	1.213	2.186	5.3	20.0
12 27	4 41.65	+20 44.3	1.267	2.203	10.3	20.3
1 6	4 36.21	+20 57.2	1.344	2.221	14.7	20.6
1 16	4 34.10	+21 14.7	1.440	2.240	18.3	20.9
187600 2006 XG_{15}		12 7.9	18.°06	1.°2/	7.8	18
11 7	5 26.57	+18 32.1	1.170	2.046	17.2	19.3
11 17	5 20.44	+19 0.9	1.115	2.050	12.3	19.0
11 27	5 11.12	+19 33.8	1.082	2.054	6.7	18.7
12 7	4 59.94	+20 8.9	1.074	2.058	1.3	18.4
12 17	4 48.62	+20 44.7	1.091	2.064	5.7	18.7
12 27	4 39.01	+21 20.7	1.134	2.070	11.2	19.0
1 6	4 32.47	+21 57.5	1.199	2.077	16.1	19.4
1 16	4 29.68	+22 35.7	1.282	2.085	20.0	19.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
367263	2007 TR_{48}	12	7.9	98.°87	1.°8/	7.5 16
	h m	° ′			°	m
11 7	5 30.55	+20 7.0	1.364	2.227	16.1	21.0
11 17	5 22.57	+19 35.0	1.319	2.247	11.4	20.8
11 27	5 11.93	+19 1.5	1.297	2.266	6.2	20.5
12 7	4 59.99	+18 28.5	1.302	2.285	1.8	20.3
12 17	4 48.33	+17 58.8	1.334	2.304	5.5	20.6
12 27	4 38.49	+17 35.9	1.394	2.322	10.4	20.9
1 6	4 31.51	+17 22.4	1.478	2.339	14.6	21.2
1 16	4 27.84	+17 19.2	1.581	2.356	18.1	21.5
125196	2001 UC_{127}	12	7.9	320.°99	1.°8/	7.7 18
11 7	5 24.71	+18 9.8	1.340	2.213	15.7	18.8
11 17	5 19.05	+18 16.8	1.267	2.199	11.3	18.5
11 27	5 10.42	+18 27.1	1.215	2.186	6.3	18.2
12 7	4 59.90	+18 40.7	1.189	2.173	1.8	17.9
12 17	4 49.00	+18 57.6	1.190	2.161	5.6	18.1
12 27	4 39.40	+19 18.6	1.216	2.150	11.0	18.4
1 6	4 32.48	+19 44.6	1.265	2.139	15.8	18.6
1 16	4 29.03	+20 16.0	1.333	2.129	19.8	18.9
209876	2005 JV_{115}	12	7.9	143.°53	2.°4/	7.4 18
11 7	5 24.39	+16 5.1	2.021	2.873	12.0	20.7
11 17	5 17.80	+15 54.3	1.957	2.879	8.6	20.5
11 27	5 9.31	+15 46.1	1.919	2.884	5.0	20.3
12 7	4 59.80	+15 41.7	1.909	2.889	2.4	20.2
12 17	4 50.25	+15 41.9	1.929	2.894	4.7	20.3
12 27	4 41.73	+15 47.9	1.977	2.898	8.3	20.6
1 6	4 35.05	+16 0.2	2.052	2.902	11.6	20.8
1 16	4 30.75	+16 18.8	2.150	2.906	14.4	21.0
261334	2005 US_{246}	12	7.9	85.°80	0.°5/	7.9 18
11 7	5 24.17	+24 7.3	2.045	2.897	11.9	20.9
11 17	5 17.69	+24 11.8	1.982	2.906	8.4	20.7
11 27	5 9.27	+24 12.6	1.945	2.914	4.6	20.5
12 7	4 59.79	+24 9.3	1.937	2.922	0.6	20.2
12 17	4 50.31	+24 2.4	1.958	2.930	3.7	20.4
12 27	4 41.90	+23 53.6	2.009	2.938	7.6	20.7
1 6	4 35.41	+23 45.4	2.086	2.946	11.0	20.9
1 16	4 31.36	+23 39.7	2.185	2.954	13.9	21.1
92774	2000 QU_{133}	12	7.9	23.°97	4.°4/	7.4 18
11 7	5 23.57	+13 31.3	1.130	2.010	17.4	18.2
11 17	5 18.08	+13 19.4	1.087	2.020	12.6	18.0
11 27	5 9.72	+13 16.5	1.064	2.031	7.6	17.7
12 7	4 59.83	+13 24.7	1.066	2.044	4.4	17.6
12 17	4 50.03	+13 44.8	1.092	2.058	7.1	17.8
12 27	4 41.96	+14 16.5	1.142	2.073	11.8	18.1
1 6	4 36.77	+14 58.2	1.214	2.088	16.2	18.4
1 16	4 35.00	+15 47.5	1.304	2.105	19.9	18.7
482014	2009 TA_{47}	12	7.9	74.°00	1.°6/	8.3 18
11 7	5 31.54	+27 30.8	1.379	2.237	16.2	21.1
11 17	5 23.26	+27 22.3	1.341	2.265	11.6	20.9
11 27	5 12.26	+27 4.0	1.326	2.294	6.4	20.7
12 7	5 0.02	+26 35.8	1.338	2.322	1.8	20.5
12 17	4 48.24	+26 0.0	1.378	2.350	4.9	20.8
12 27	4 38.45	+25 21.5	1.445	2.377	9.7	21.1
1 6	4 31.65	+24 45.7	1.536	2.404	13.8	21.4
1 16	4 28.26	+24 16.4	1.648	2.431	17.1	21.7
361240	2006 SR_{223}	12	7.9	280.°32	2.°7/	8.5 17
11 7	5 25.68	+30 6.1	1.880	2.728	13.0	20.9
11 17	5 19.13	+30 16.5	1.805	2.722	9.6	20.7
11 27	5 10.21	+30 17.9	1.754	2.716	5.8	20.4
12 7	4 59.89	+30 8.4	1.731	2.710	2.8	20.2
12 17	4 49.41	+29 48.2	1.736	2.705	4.6	20.4
12 27	4 40.12	+29 19.9	1.770	2.699	8.5	20.6
1 6	4 33.04	+28 48.1	1.830	2.693	12.2	20.8
1 16	4 28.83	+28 17.0	1.911	2.687	15.3	21.0
517340	2014 JO_{65}	12	7.9	234.°17	2.°8/	7.2 18
11 7	5 24.72	+15 34.7	1.980	2.832	12.3	21.9
11 17	5 18.19	+15 11.8	1.901	2.822	8.9	21.6
11 27	5 9.62	+14 51.3	1.848	2.812	5.2	21.4
12 7	4 59.84	+14 35.0	1.823	2.802	2.8	21.2
12 17	4 49.89	+14 24.4	1.827	2.790	5.1	21.4
12 27	4 40.88	+14 21.4	1.861	2.779	8.9	21.6
1 6	4 33.74	+14 26.8	1.920	2.767	12.4	21.8
1 16	4 29.07	+14 40.8	2.001	2.755	15.5	22.0
520691	2014 QW_{461}	12	7.9	126.°36	0.°3/	7.9 18
11 7	5 24.20	+22 38.7	2.231	3.080	11.2	21.0
11 17	5 17.65	+22 59.7	2.162	3.085	7.9	20.8
11 27	5 9.26	+23 18.9	2.121	3.089	4.3	20.6
12 7	4 59.81	+23 35.5	2.108	3.093	0.5	20.3
12 17	4 50.27	+23 49.0	2.125	3.097	3.5	20.5
12 27	4 41.65	+24 0.2	2.173	3.100	7.2	20.8
1 6	4 34.79	+24 10.4	2.247	3.104	10.5	21.0
1 16	4 30.21	+24 21.4	2.344	3.107	13.2	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
269353	2008 UO_{36}	12	7.9	181.°85	0.°9/	8.2 18
	h m	° ′			°	m
11 7	5 22.03	+26 23.9	2.794	3.636	9.4	21.4
11 17	5 15.84	+26 20.8	2.719	3.636	6.7	21.2
11 27	5 8.18	+26 13.2	2.670	3.636	3.7	21.0
12 7	4 59.72	+26 0.7	2.652	3.636	1.0	20.8
12 17	4 51.21	+25 44.0	2.665	3.636	3.0	20.9
12 27	4 43.46	+25 24.7	2.708	3.635	6.0	21.1
1 6	4 37.12	+25 5.1	2.780	3.634	8.8	21.3
1 16	4 32.66	+24 47.1	2.876	3.632	11.2	21.5
385638	2005 QY_{110}	12	7.9	42.°26	0.°6/	7.9 18
11 7	5 27.39	+24 36.5	1.128	2.005	17.7	20.2
11 17	5 20.79	+24 28.5	1.090	2.024	12.5	20.0
11 27	5 11.12	+24 14.1	1.073	2.045	6.7	19.7
12 7	4 59.95	+23 53.3	1.081	2.066	0.8	19.4
12 17	4 49.11	+23 28.4	1.114	2.088	5.4	19.8
12 27	4 40.34	+23 3.8	1.172	2.110	10.8	20.1
1 6	4 34.76	+22 43.8	1.253	2.133	15.4	20.5
1 16	4 32.82	+22 31.2	1.352	2.156	19.1	20.8
161923	2007 EP_{86}	12	7.9	154.°97	0.°6/	8.0 18
11 7	5 28.37	+24 45.4	1.899	2.748	12.9	21.7
11 17	5 20.78	+24 45.7	1.834	2.755	9.2	21.5
11 27	5 10.98	+24 41.0	1.794	2.762	5.0	21.3
12 7	4 59.95	+24 30.8	1.784	2.768	0.8	21.0
12 17	4 48.92	+24 15.6	1.803	2.774	4.1	21.3
12 27	4 39.13	+23 58.1	1.851	2.779	8.2	21.5
1 6	4 31.55	+23 41.3	1.926	2.783	11.9	21.8
1 16	4 26.72	+23 28.1	2.023	2.787	15.0	22.0
156812	2003 BM_{51}	12	7.9	21.°66	1.°9/	8.2 18
11 7	5 26.07	+26 22.9	1.177	2.052	17.2	19.4
11 17	5 20.13	+26 39.5	1.125	2.057	12.4	19.2
11 27	5 10.95	+26 48.4	1.094	2.064	6.9	18.9
12 7	4 59.96	+26 47.8	1.087	2.071	2.1	18.6
12 17	4 48.95	+26 37.7	1.106	2.079	5.6	18.9
12 27	4 39.81	+26 21.8	1.150	2.088	10.9	19.2
1 6	4 33.84	+26 4.9	1.216	2.098	15.6	19.5
1 16	4 31.65	+25 51.4	1.301	2.109	19.5	19.8
208110	2000 CH_{13}	12	7.9	314.°98	2.°2/	7.4 18
11 7	5 23.47	+18 1.9	1.608	2.473	13.9	20.3
11 17	5 17.70	+17 44.0	1.534	2.463	10.0	20.0
11 27	5 9.50	+17 27.0	1.484	2.453	5.6	19.8
12 7	4 59.85	+17 12.6	1.460	2.443	2.2	19.5
12 17	4 49.99	+17 2.4	1.464	2.433	5.3	19.7
12 27	4 41.27	+16 58.5	1.495	2.423	9.8	19.9
1 6	4 34.79	+17 2.4	1.551	2.415	13.9	20.2
1 16	4 31.20	+17 14.7	1.627	2.406	17.4	20.4
515864	2015 OF_{87}	12	7.9	165.°57	0.°5/	7.8 18
11 7	5 25.48	+21 31.4	1.753	2.612	13.3	21.8
11 17	5 18.92	+21 29.0	1.686	2.612	9.4	21.5
11 27	5 10.06	+21 24.7	1.643	2.613	5.1	21.3
12 7	4 59.89	+21 18.6	1.628	2.613	0.6	21.0
12 17	4 49.64	+21 11.5	1.642	2.613	4.4	21.2
12 27	4 40.58	+21 5.3	1.684	2.614	8.8	21.5
1 6	4 33.71	+21 2.1	1.751	2.614	12.7	21.8
1 16	4 29.63	+21 3.9	1.840	2.614	15.9	22.0
364516	2007 EK_{139}	12	7.9	43.°80	5.°1/	6.8 18
11 7	5 21.71	+ 8 45.2	2.002	2.850	12.3	21.1
11 17	5 15.89	+ 8 15.1	1.941	2.853	9.3	20.9
11 27	5 8.31	+ 7 53.5	1.904	2.855	6.5	20.8
12 7	4 59.75	+ 7 43.0	1.895	2.859	5.1	20.7
12 17	4 51.16	+ 7 45.3	1.915	2.862	6.6	20.8
12 27	4 43.53	+ 8 1.0	1.962	2.865	9.4	21.0
1 6	4 37.62	+ 8 29.0	2.034	2.868	12.4	21.2
1 16	4 33.95	+ 9 7.4	2.127	2.872	14.9	21.4
424710	2008 SR_{103}	12	7.9	110.°38	2.°6/	7.0 17
11 7	5 21.09	+15 32.7	2.393	3.244	10.5	22.0
11 17	5 15.22	+14 57.5	2.330	3.251	7.5	21.8
11 27	5 7.86	+14 24.3	2.294	3.257	4.5	21.7
12 7	4 59.71	+13 55.0	2.286	3.264	2.6	21.5
12 17	4 51.58	+13 31.4	2.309	3.270	4.5	21.7
12 27	4 44.30	+13 15.4	2.361	3.276	7.4	21.9
1 6	4 38.53	+13 7.7	2.440	3.282	10.3	22.1
1 16	4 34.70	+13 8.5	2.542	3.288	12.7	22.3
306272	2011 SJ_3	12	7.9	17.°83	12.°5/	5.4 18
11 7	5 18.33	+ 2 3.3	0.990	1.865	19.7	18.6
11 17	5 14.34	+ 0 5.6	0.966	1.879	16.1	18.5
11 27	5 7.66	− 1 25.7	0.961	1.896	13.4	18.4
12 7	4 59.69	− 2 20.8	0.976	1.915	12.5	18.4
12 17	4 52.00	− 2 35.5	1.013	1.936	14.0	18.6
12 27	4 46.05	− 2 11.4	1.069	1.959	16.7	18.8
1 6	4 42.82	− 1 16.0	1.144	1.983	19.6	19.1
1 16	4 42.73	+ 0 1.8	1.235	2.010	22.2	19.3

292120 2006 RO_{64} 12 7.9 10.°42 5.°9/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.01	+13 2.1	1.225	2.106	16.3	19.7
11 17	5 15.42	+11 47.9	1.177	2.109	12.0	19.5
11 27	5 8.26	+10 40.3	1.151	2.114	7.9	19.3
12 7	4 59.75	+ 9 45.5	1.149	2.121	5.9	19.2
12 17	4 51.30	+ 9 8.6	1.172	2.129	8.3	19.4
12 27	4 44.37	+ 8 52.6	1.219	2.138	12.4	19.6
1 6	4 39.97	+ 8 57.0	1.287	2.149	16.3	19.9
1 16	4 38.63	+ 9 19.0	1.373	2.161	19.7	20.2

356481 2011 QG_{96} 12 7.9 82.°19 6.°8/ 9.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 33.48	+41 5.8	1.820	2.632	14.9	20.4
11 17	5 24.65	+41 43.3	1.777	2.659	11.8	20.3
11 27	5 13.07	+42 1.2	1.756	2.685	8.8	20.2
12 7	5 0.14	+41 55.7	1.762	2.711	6.9	20.1
12 17	4 47.49	+41 26.6	1.796	2.737	7.4	20.2
12 27	4 36.71	+40 38.7	1.857	2.762	9.7	20.4
1 6	4 28.85	+39 39.8	1.943	2.787	12.4	20.6
1 16	4 24.39	+38 37.4	2.052	2.812	14.9	20.8

300545 2007 TK_{262} 12 7.9 145.°65 1.°2/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.63	+25 56.5	1.965	2.814	12.5	21.6
11 17	5 19.56	+26 5.2	1.899	2.820	8.9	21.3
11 27	5 10.35	+26 8.5	1.859	2.825	4.9	21.1
12 7	4 59.94	+26 5.4	1.847	2.831	1.3	20.9
12 17	4 49.49	+25 56.2	1.864	2.835	4.0	21.1
12 27	4 40.20	+25 42.9	1.911	2.840	8.0	21.3
1 6	4 33.01	+25 28.7	1.984	2.844	11.5	21.6
1 16	4 28.47	+25 16.5	2.080	2.848	14.5	21.8

53617 2000 CX_{88} 12 7.9 294.°16 4.°3/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.54	+31 33.1	1.446	2.301	15.8	19.4
11 17	5 21.93	+32 6.6	1.371	2.290	11.8	19.1
11 27	5 12.05	+32 28.9	1.318	2.279	7.5	18.8
12 7	5 0.11	+32 35.7	1.291	2.268	4.4	18.6
12 17	4 47.77	+32 25.2	1.290	2.257	6.3	18.7
12 27	4 36.94	+32 0.4	1.316	2.246	10.7	18.9
1 6	4 29.07	+31 27.5	1.365	2.235	15.1	19.2
1 16	4 24.99	+30 53.2	1.434	2.225	18.9	19.4

276687 2003 YX_{45} 12 7.9 316.°62 3.°9/ 7.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.32	+29 34.6	2.015	2.856	12.5	19.4
11 17	5 21.29	+31 2.1	1.927	2.839	9.4	19.2
11 27	5 11.61	+32 26.3	1.865	2.822	6.0	19.0
12 7	5 0.08	+33 41.8	1.832	2.805	3.9	18.8
12 17	4 47.91	+34 43.9	1.830	2.789	5.6	18.9
12 27	4 36.54	+35 30.9	1.857	2.774	9.0	19.1
1 6	4 27.26	+36 4.8	1.910	2.758	12.4	19.2
1 16	4 20.96	+36 29.1	1.985	2.743	15.4	19.4

452306 1997 GF_{29} 12 7.9 168.°54 9.°7/10.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 42.87	+56 39.8	2.759	3.460	13.0	22.5
11 17	5 31.86	+57 56.6	2.695	3.466	11.6	22.4
11 27	5 17.32	+58 51.6	2.653	3.471	10.4	22.3
12 7	5 0.55	+59 18.3	2.636	3.476	9.8	22.2
12 17	4 43.41	+59 13.7	2.644	3.479	9.8	22.3
12 27	4 27.95	+58 40.0	2.678	3.482	10.6	22.3
1 6	4 15.72	+57 43.9	2.736	3.484	11.9	22.4
1 16	4 7.50	+56 34.0	2.815	3.485	13.2	22.5

322207 2011 AL_{10} 12 7.9 53.°14 0.°1/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.32	+23 5.9	1.960	2.817	12.2	20.9
11 17	5 17.14	+23 0.0	1.900	2.825	8.6	20.7
11 27	5 9.01	+22 51.0	1.865	2.834	4.6	20.5
12 7	4 59.84	+22 38.9	1.858	2.843	0.4	20.2
12 17	4 50.69	+22 25.0	1.880	2.852	3.8	20.5
12 27	4 42.64	+22 11.1	1.931	2.861	7.8	20.8
1 6	4 36.54	+21 59.7	2.008	2.870	11.3	21.0
1 16	4 32.90	+21 52.6	2.107	2.880	14.2	21.2

166357 2002 LW_3 12 7.9 107.°82 1.°0/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.22	+19 48.8	1.999	2.849	12.3	20.7
11 17	5 19.72	+19 49.0	1.948	2.870	8.7	20.5
11 27	5 10.31	+19 48.8	1.923	2.891	4.7	20.3
12 7	4 59.95	+19 48.2	1.927	2.911	1.0	20.1
12 17	4 49.71	+19 48.0	1.961	2.931	4.0	20.4
12 27	4 40.66	+19 49.3	2.025	2.950	7.8	20.6
1 6	4 33.62	+19 53.6	2.115	2.968	11.2	20.9
1 16	4 29.06	+20 2.0	2.229	2.986	14.0	21.1

382417 1998 OF_9 12 7.9 112.°87 0.°2/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.82	+22 53.9	1.706	2.558	13.9	21.1
11 17	5 21.79	+22 41.7	1.655	2.579	9.8	20.9
11 27	5 11.48	+22 25.6	1.630	2.598	5.2	20.7
12 7	5 0.05	+22 5.9	1.632	2.617	0.5	20.3
12 17	4 48.81	+21 44.1	1.665	2.636	4.4	20.7
12 27	4 39.06	+21 23.3	1.726	2.653	8.7	21.0
1 6	4 31.74	+21 6.3	1.812	2.670	12.5	21.3
1 16	4 27.32	+20 55.4	1.921	2.687	15.6	21.5

33344 Madymesplé 12 7.9 300.°84 0.°2/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.91	+22 32.2	1.692	2.553	13.6	18.8
11 17	5 18.92	+22 45.7	1.602	2.530	9.8	18.5
11 27	5 10.32	+22 57.7	1.537	2.507	5.3	18.2
12 7	4 59.99	+23 7.0	1.499	2.484	0.5	17.8
12 17	4 49.20	+23 13.3	1.489	2.461	4.6	18.0
12 27	4 39.40	+23 17.8	1.507	2.439	9.4	18.2
1 6	4 31.83	+23 22.7	1.549	2.416	13.8	18.5
1 16	4 27.29	+23 30.4	1.612	2.394	17.5	18.7

42131 2001 BE_{21} 12 7.9 111.°21 4.°4/ 9.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.65	+36 54.4	2.271	3.093	12.0	19.3
11 17	5 19.49	+37 5.7	2.206	3.102	9.2	19.1
11 27	5 10.27	+37 3.9	2.167	3.111	6.3	18.9
12 7	4 59.97	+36 47.1	2.155	3.119	4.5	18.8
12 17	4 49.71	+36 15.5	2.173	3.128	5.2	18.9
12 27	4 40.66	+35 32.3	2.219	3.136	7.7	19.1
1 6	4 33.68	+34 42.5	2.293	3.144	10.5	19.3
1 16	4 29.28	+33 51.0	2.390	3.152	13.0	19.4

270162 2001 ST_{161} 12 7.9 96.°93 1.°6/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.31	+19 53.8	1.569	2.430	14.4	20.7
11 17	5 20.20	+19 28.7	1.516	2.443	10.2	20.5
11 27	5 10.71	+19 2.6	1.487	2.456	5.6	20.3
12 7	5 0.01	+18 36.8	1.486	2.469	1.7	20.0
12 17	4 49.42	+18 13.7	1.512	2.482	5.0	20.3
12 27	4 40.30	+17 56.0	1.567	2.494	9.5	20.6
1 6	4 33.63	+17 45.9	1.646	2.507	13.5	20.9
1 16	4 29.90	+17 44.5	1.746	2.518	16.7	21.1

266136 2006 TS_{63} 12 7.9 6.°45 0.°9/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.94	+22 52.8	1.087	1.969	17.8	19.6
11 17	5 20.32	+23 26.0	1.032	1.969	12.8	19.3
11 27	5 11.24	+23 57.7	0.997	1.969	7.0	19.0
12 7	5 0.07	+24 24.9	0.986	1.971	1.1	18.6
12 17	4 48.70	+24 45.9	1.000	1.974	5.8	18.9
12 27	4 39.16	+25 1.9	1.038	1.978	11.6	19.3
1 6	4 32.94	+25 15.8	1.097	1.983	16.7	19.6
1 16	4 30.74	+25 30.6	1.175	1.989	20.8	19.9

487796 2015 RJ_{241} 12 7.9 328.°35 9.°6/ 4.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.51	+ 0 26.4	1.737	2.572	14.5	21.1
11 17	5 15.33	− 0 58.7	1.674	2.562	12.0	20.9
11 27	5 8.14	− 2 8.7	1.635	2.553	10.1	20.8
12 7	4 59.80	− 2 57.0	1.620	2.544	9.6	20.7
12 17	4 51.34	− 3 19.2	1.631	2.536	10.9	20.8
12 27	4 43.87	− 3 13.9	1.666	2.528	13.2	20.9
1 6	4 38.29	− 2 43.5	1.722	2.521	15.8	21.0
1 16	4 35.15	− 1 52.3	1.797	2.514	18.2	21.2

410662 2008 SD_{152} 12 7.9 66.°31 4.°1/ 8.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.89	+34 2.9	2.189	3.021	12.0	21.2
11 17	5 19.07	+34 42.1	2.125	3.029	9.1	21.1
11 27	5 10.13	+35 11.0	2.087	3.037	6.1	20.9
12 7	4 59.97	+35 26.9	2.078	3.046	4.1	20.8
12 17	4 49.73	+35 28.7	2.097	3.054	5.2	20.9
12 27	4 40.60	+35 18.3	2.145	3.063	7.9	21.0
1 6	4 33.50	+34 59.4	2.219	3.071	10.8	21.2
1 16	4 29.02	+34 36.5	2.316	3.080	13.3	21.4

113117 2002 RF_{80} 12 7.9 352.°20 0.°1/ 7.9 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.15	+23 2.7	1.774	2.638	12.9	19.2
11 17	5 15.91	+22 56.1	1.703	2.633	9.2	19.0
11 27	5 8.50	+22 46.3	1.658	2.628	4.9	18.7
12 7	4 59.84	+22 33.6	1.639	2.624	0.4	18.4
12 17	4 51.07	+22 18.9	1.649	2.621	4.2	18.7
12 27	4 43.38	+22 4.7	1.686	2.619	8.5	18.9
1 6	4 37.74	+21 53.4	1.747	2.617	12.3	19.1
1 16	4 34.74	+21 47.0	1.831	2.616	15.6	19.4

25675 2000 AX_{101} 12 7.9 27.°43 1.°0/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.77	+21 6.8	1.393	2.258	15.7	16.9
11 17	5 21.81	+22 21.4	1.336	2.265	11.2	16.7
11 27	5 11.87	+23 38.2	1.303	2.273	6.1	16.4
12 7	5 0.14	+24 52.2	1.297	2.281	1.1	16.1
12 17	4 48.19	+25 58.9	1.318	2.290	5.1	16.4
12 27	4 37.74	+26 56.5	1.367	2.300	10.1	16.7
1 6	4 30.10	+27 45.8	1.441	2.310	14.4	17.0
1 16	4 25.98	+28 29.2	1.535	2.321	18.0	17.3

511168 2013 YX_{57} 12 7.9 309.°67 1.°7/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.41	+25 11.4	1.376	2.242	15.8	21.1
11 17	5 21.08	+25 41.6	1.304	2.232	11.4	20.8
11 27	5 11.60	+26 7.8	1.254	2.223	6.4	20.5
12 7	5 0.12	+26 26.9	1.230	2.214	1.8	20.2
12 17	4 48.27	+26 37.5	1.234	2.206	5.3	20.4
12 27	4 37.85	+26 41.2	1.263	2.197	10.5	20.7
1 6	4 30.29	+26 41.4	1.315	2.189	15.3	20.9
1 16	4 26.39	+26 42.1	1.388	2.182	19.2	21.2

436801 2012 QW_{33} 12 7.9 73.°49 1.°8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.00	+20 1.6	1.455	2.319	15.2	20.9
11 17	5 20.67	+19 30.5	1.413	2.341	10.7	20.7
11 27	5 10.93	+18 58.2	1.394	2.364	5.8	20.5
12 7	5 0.04	+18 26.9	1.402	2.386	1.8	20.2
12 17	4 49.43	+17 59.1	1.439	2.408	5.2	20.5
12 27	4 40.49	+17 38.0	1.502	2.430	9.8	20.8
1 6	4 34.14	+17 25.6	1.590	2.452	13.7	21.1
1 16	4 30.83	+17 22.7	1.698	2.473	17.0	21.4

75356 1999 XA_{71} 12 7.9 3.°04 2.°1/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.33	+17 51.0	1.219	2.100	16.3	18.1
11 17	5 17.35	+17 52.3	1.162	2.098	11.7	17.8
11 27	5 9.48	+17 57.0	1.127	2.098	6.5	17.6
12 7	4 59.94	+18 5.8	1.116	2.099	2.2	17.3
12 17	4 50.26	+18 19.3	1.130	2.102	5.8	17.5
12 27	4 42.10	+18 38.3	1.169	2.105	11.0	17.8
1 6	4 36.71	+19 3.2	1.230	2.110	15.6	18.1
1 16	4 34.73	+19 34.0	1.310	2.116	19.5	18.4

516090 2015 TF_{359} 12 7.9 107.°86 0.°8/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.02	+18 42.9	2.081	2.927	12.0	20.9
11 17	5 20.31	+19 12.4	2.026	2.947	8.5	20.8
11 27	5 10.68	+19 43.1	1.998	2.966	4.6	20.6
12 7	5 0.03	+20 13.9	2.000	2.984	0.9	20.3
12 17	4 49.41	+20 43.7	2.032	3.002	3.8	20.6
12 27	4 39.89	+21 12.7	2.095	3.020	7.6	20.9
1 6	4 32.32	+21 41.3	2.185	3.037	10.9	21.1
1 16	4 27.21	+22 10.4	2.299	3.054	13.7	21.3

164481 2006 FN_{23} 12 7.9 130.°94 0.°7/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.81	+20 42.5	2.699	3.546	9.5	20.8
11 17	5 15.66	+20 34.3	2.635	3.556	6.7	20.7
11 27	5 8.11	+20 24.9	2.598	3.566	3.6	20.5
12 7	4 59.82	+20 15.0	2.591	3.575	0.7	20.3
12 17	4 51.54	+20 5.2	2.615	3.585	3.1	20.5
12 27	4 44.03	+19 56.9	2.669	3.593	6.2	20.7
1 6	4 37.94	+19 51.3	2.751	3.602	9.0	20.9
1 16	4 33.67	+19 49.6	2.858	3.610	11.3	21.1

69534 1997 GG_{20} 12 7.9 45.°68 5.°4/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.76	+34 45.6	1.574	2.417	15.3	18.7
11 17	5 21.74	+35 28.7	1.516	2.425	11.7	18.5
11 27	5 11.78	+35 57.6	1.481	2.432	7.9	18.3
12 7	5 0.14	+36 8.1	1.472	2.440	5.4	18.2
12 17	4 48.43	+35 58.9	1.490	2.449	6.6	18.3
12 27	4 38.35	+35 33.4	1.534	2.457	10.0	18.5
1 6	4 31.14	+34 57.8	1.603	2.466	13.6	18.8
1 16	4 27.41	+34 18.9	1.693	2.475	16.8	19.0

158201 2001 SG_{18} 12 7.9 127.°57 5.°6/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.18	+ 9 21.0	1.733	2.581	13.9	20.8
11 17	5 19.19	+ 8 37.0	1.680	2.592	10.5	20.7
11 27	5 10.13	+ 8 1.8	1.651	2.603	7.2	20.5
12 7	5 0.00	+ 7 38.9	1.649	2.613	5.6	20.4
12 17	4 49.94	+ 7 30.7	1.676	2.623	7.3	20.5
12 27	4 41.12	+ 7 38.0	1.730	2.633	10.5	20.8
1 6	4 34.40	+ 7 59.7	1.809	2.642	13.7	21.0
1 16	4 30.30	+ 8 33.7	1.908	2.651	16.5	21.2

288116 2003 WP_{65} 12 7.9 51.°22 0.°4/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.76	+21 50.2	1.423	2.290	15.3	20.4
11 17	5 19.95	+21 51.9	1.381	2.311	10.8	20.2
11 27	5 10.62	+21 51.4	1.362	2.333	5.7	20.0
12 7	5 0.04	+21 48.6	1.370	2.355	0.6	19.7
12 17	4 49.67	+21 44.3	1.404	2.377	4.7	20.0
12 27	4 40.94	+21 40.7	1.466	2.399	9.5	20.4
1 6	4 34.84	+21 40.2	1.552	2.422	13.6	20.7
1 16	4 31.86	+21 44.5	1.658	2.445	16.9	20.9

441162 2007 TB_{275} 12 7.9 84.°94 1.°8/ 8.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.65	+26 59.9	1.732	2.583	13.8	21.3
11 17	5 21.10	+27 19.0	1.682	2.603	9.9	21.1
11 27	5 11.20	+27 31.4	1.657	2.623	5.6	20.9
12 7	5 0.10	+27 35.1	1.660	2.642	1.9	20.7
12 17	4 49.12	+27 30.4	1.692	2.662	4.4	21.0
12 27	4 39.59	+27 19.7	1.752	2.681	8.5	21.2
1 6	4 32.50	+27 6.6	1.838	2.700	12.2	21.5
1 16	4 28.34	+26 54.6	1.945	2.719	15.2	21.8

383588 2007 GC_{33} 12 7.9 200.°55 0.°9/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.93	+20 38.1	1.921	2.773	12.6	21.8
11 17	5 19.85	+20 29.3	1.847	2.770	9.0	21.5
11 27	5 10.59	+20 19.1	1.798	2.767	4.9	21.3
12 7	5 0.06	+20 7.8	1.778	2.763	1.0	21.0
12 17	4 49.41	+19 56.4	1.788	2.758	4.3	21.2
12 27	4 39.83	+19 46.8	1.827	2.752	8.5	21.5
1 6	4 32.30	+19 41.2	1.891	2.747	12.2	21.7
1 16	4 27.42	+19 41.2	1.978	2.740	15.4	21.9

441148 2007 TE_{201} 12 7.9 96.°26 0.°4/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.19	+22 27.4	1.789	2.646	13.2	21.7
11 17	5 19.27	+22 14.2	1.733	2.658	9.3	21.5
11 27	5 10.20	+21 57.7	1.702	2.671	5.0	21.3
12 7	5 0.02	+21 38.7	1.699	2.684	0.5	21.0
12 17	4 49.93	+21 18.5	1.725	2.696	4.2	21.3
12 27	4 41.13	+20 59.7	1.779	2.708	8.4	21.6
1 6	4 34.51	+20 45.0	1.859	2.720	12.1	21.8
1 16	4 30.60	+20 36.1	1.961	2.732	15.2	22.1

351092 2003 UF_{204} 12 7.9 59.°93 1.°8/ 8.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.22	+26 17.9	1.465	2.323	15.5	21.4
11 17	5 22.31	+26 40.5	1.430	2.354	11.0	21.2
11 27	5 11.84	+26 55.8	1.419	2.386	6.1	21.0
12 7	5 0.16	+27 2.0	1.434	2.417	1.9	20.8
12 17	4 48.82	+26 59.4	1.478	2.449	4.8	21.1
12 27	4 39.30	+26 50.8	1.549	2.480	9.2	21.4
1 6	4 32.57	+26 40.3	1.644	2.511	13.1	21.7
1 16	4 29.07	+26 31.4	1.761	2.542	16.2	22.0

330732 2008 RH_{119} 12 7.9 198.°68 3.°6/ 6.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.75	+12 25.3	2.427	3.275	10.5	21.2
11 17	5 15.04	+11 41.8	2.358	3.274	7.7	21.0
11 27	5 7.85	+11 2.0	2.315	3.272	5.0	20.8
12 7	4 59.84	+10 28.5	2.302	3.271	3.6	20.7
12 17	4 51.80	+10 3.5	2.318	3.270	5.2	20.8
12 27	4 44.53	+ 9 48.5	2.363	3.268	7.9	21.0
1 6	4 38.72	+ 9 44.2	2.434	3.267	10.6	21.2
1 16	4 34.80	+ 9 50.1	2.528	3.265	13.0	21.3

177429 2004 CQ_{63} 12 7.9 158.°28 5.°0/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 33.29	+34 59.6	1.937	2.762	13.6	20.3
11 17	5 24.65	+35 51.3	1.872	2.770	10.4	20.1
11 27	5 13.29	+36 30.8	1.831	2.777	7.1	20.0
12 7	5 0.32	+36 53.2	1.818	2.783	5.0	19.8
12 17	4 47.20	+36 56.8	1.835	2.789	6.1	19.9
12 27	4 35.46	+36 43.7	1.881	2.794	9.1	20.1
1 6	4 26.30	+36 19.3	1.952	2.798	12.3	20.3
1 16	4 20.37	+35 49.7	2.046	2.801	15.1	20.5

330504 2007 LL_{17} 12 7.9 207.°34 1.°2/ 8.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.24	+25 54.6	2.451	3.295	10.5	21.5
11 17	5 17.70	+26 17.1	2.374	3.292	7.5	21.3
11 27	5 9.37	+26 35.7	2.323	3.289	4.2	21.1
12 7	4 59.98	+26 49.3	2.302	3.285	1.3	20.9
12 17	4 50.45	+26 57.2	2.312	3.282	3.5	21.0
12 27	4 41.73	+27 0.5	2.351	3.278	6.8	21.2
1 6	4 34.64	+27 1.1	2.418	3.274	9.9	21.4
1 16	4 29.73	+27 1.1	2.509	3.269	12.5	21.6

283836 2003 UY_{58} 12 7.9 35.°57 3.°8/ 9.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.11	+32 56.9	1.390	2.247	16.2	20.1
11 17	5 20.53	+32 50.0	1.339	2.258	12.0	19.9
11 27	5 11.07	+32 27.4	1.309	2.270	7.5	19.7
12 7	5 0.12	+31 48.0	1.305	2.283	4.0	19.5
12 17	4 49.36	+30 54.1	1.328	2.297	5.7	19.7
12 27	4 40.45	+29 51.9	1.377	2.310	9.9	20.0
1 6	4 34.49	+28 48.8	1.450	2.325	14.0	20.2
1 16	4 31.97	+27 51.0	1.543	2.340	17.5	20.5

165151 2000 QT_{33} 12 7.9 229.°41 4.°8/ 8.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 31.87	+33 59.4	1.505	2.348	15.9	19.6
11 17	5 24.22	+34 19.9	1.431	2.342	12.1	19.4
11 27	5 13.28	+34 25.5	1.379	2.334	7.9	19.1
12 7	5 0.33	+34 11.9	1.353	2.327	4.9	18.9
12 17	4 47.13	+33 38.5	1.355	2.319	6.5	19.0
12 27	4 35.59	+32 49.7	1.384	2.310	10.6	19.2
1 6	4 27.12	+31 53.2	1.437	2.301	14.8	19.4
1 16	4 22.47	+30 57.1	1.510	2.292	18.4	19.6

55787 1993 OB_{10} 12 7.9 75.°93 2.°3/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.59	+29 14.1	1.470	2.326	15.5	19.0
11 17	5 22.03	+29 6.5	1.422	2.344	11.2	18.8
11 27	5 11.77	+28 47.9	1.397	2.362	6.4	18.6
12 7	5 0.18	+28 17.4	1.398	2.380	2.4	18.4
12 17	4 48.84	+27 37.3	1.427	2.398	4.9	18.6
12 27	4 39.28	+26 52.4	1.484	2.416	9.5	18.9
1 6	4 32.55	+26 8.5	1.565	2.434	13.5	19.2
1 16	4 29.14	+25 30.4	1.667	2.452	16.9	19.5

76698 2000 HP_{83} 12 7.9 289.°86 0.°6/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.05	+21 48.0	2.220	3.067	11.3	18.8
11 17	5 19.28	+22 39.1	2.130	3.050	8.1	18.5
11 27	5 10.38	+23 31.4	2.067	3.034	4.4	18.3
12 7	5 0.09	+24 22.5	2.033	3.018	0.7	18.0
12 17	4 49.39	+25 10.2	2.031	3.001	3.7	18.2
12 27	4 39.43	+25 53.5	2.059	2.985	7.6	18.4
1 6	4 31.18	+26 32.8	2.114	2.969	11.1	18.6
1 16	4 25.36	+27 9.4	2.193	2.952	14.1	18.8

273786 2007 FN 12 7.9 104.°54 2.°9/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.51	+29 52.7	1.717	2.562	14.2	20.4
11 17	5 22.52	+30 13.1	1.664	2.580	10.3	20.2
11 27	5 12.02	+30 23.7	1.636	2.598	6.2	20.0
12 7	5 0.21	+30 22.1	1.636	2.615	3.0	19.9
12 17	4 48.51	+30 8.6	1.664	2.632	4.9	20.0
12 27	4 38.37	+29 46.3	1.721	2.648	8.8	20.3
1 6	4 30.80	+29 20.0	1.803	2.664	12.5	20.6
1 16	4 26.35	+28 54.3	1.908	2.680	15.5	20.8

323242 2003 SQ_{194} 12 7.9 133.°97 3.°8/ 9.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.81	+35 54.4	2.569	3.390	10.8	21.0
11 17	5 18.75	+36 10.3	2.503	3.399	8.2	20.8
11 27	5 9.88	+36 15.2	2.462	3.407	5.6	20.7
12 7	5 0.03	+36 7.4	2.450	3.416	3.9	20.6
12 17	4 50.19	+35 46.9	2.468	3.424	4.6	20.6
12 27	4 41.36	+35 16.0	2.516	3.432	7.0	20.8
1 6	4 34.34	+34 38.5	2.591	3.439	9.6	21.0
1 16	4 29.62	+33 58.7	2.690	3.446	11.9	21.2

185114 2006 SB_{49} 12 7.9 92.°62 2.°0/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.58	+18 19.1	1.882	2.739	12.6	20.5
11 17	5 18.02	+17 52.9	1.826	2.751	9.0	20.3
11 27	5 9.52	+17 27.1	1.795	2.763	5.0	20.1
12 7	5 0.01	+17 3.3	1.792	2.774	2.0	19.9
12 17	4 50.57	+16 43.5	1.818	2.786	4.6	20.1
12 27	4 42.30	+16 29.6	1.873	2.797	8.5	20.4
1 6	4 36.01	+16 23.2	1.954	2.808	11.9	20.6
1 16	4 32.21	+16 24.8	2.056	2.819	14.8	20.8

179680 2002 QX_{77} 12 7.9 197.°16 1.°2/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.58	+26 6.6	1.757	2.606	13.7	21.7
11 17	5 21.99	+26 9.4	1.683	2.604	9.9	21.5
11 27	5 11.86	+26 5.7	1.634	2.601	5.5	21.2
12 7	5 0.22	+25 54.2	1.614	2.598	1.3	20.9
12 17	4 48.44	+25 35.6	1.622	2.593	4.4	21.1
12 27	4 37.95	+25 12.6	1.659	2.589	8.9	21.4
1 6	4 29.87	+24 49.3	1.723	2.583	13.0	21.6
1 16	4 24.83	+24 29.5	1.807	2.577	16.3	21.8

299025 2005 AK_{16} 12 7.9 258.°01 1.°9/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.85	+28 47.7	1.872	2.720	13.1	20.7
11 17	5 20.06	+28 39.1	1.787	2.706	9.5	20.5
11 27	5 10.83	+28 21.2	1.728	2.692	5.5	20.2
12 7	5 0.14	+27 53.1	1.696	2.678	2.0	19.9
12 17	4 49.23	+27 15.7	1.693	2.664	4.4	20.1
12 27	4 39.48	+26 32.7	1.719	2.649	8.6	20.3
1 6	4 31.94	+25 48.9	1.771	2.634	12.5	20.5
1 16	4 27.30	+25 8.8	1.846	2.619	15.9	20.7

48735 1997 CX_{19} 12 7.9 294.°50 3.°7/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.33	+30 18.1	1.397	2.256	16.0	18.8
11 17	5 21.93	+30 44.5	1.318	2.240	11.9	18.5
11 27	5 12.19	+31 0.5	1.262	2.225	7.3	18.2
12 7	5 0.27	+31 2.3	1.230	2.209	3.8	17.9
12 17	4 47.88	+30 48.3	1.225	2.194	6.1	18.0
12 27	4 36.96	+30 21.6	1.247	2.179	10.9	18.3
1 6	4 29.03	+29 48.4	1.291	2.164	15.5	18.5
1 16	4 24.97	+29 15.2	1.355	2.150	19.6	18.7

396617 2001 SK_{203} 12 7.9 104.°28 6.°5/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.51	+ 4 30.8	2.088	2.920	12.5	21.3
11 17	5 17.01	+ 3 41.5	2.041	2.937	9.8	21.1
11 27	5 8.90	+ 3 3.7	2.020	2.955	7.4	21.0
12 7	4 59.98	+ 2 40.7	2.026	2.971	6.5	21.0
12 17	4 51.17	+ 2 34.6	2.061	2.988	7.6	21.1
12 27	4 43.38	+ 2 45.6	2.123	3.004	9.9	21.3
1 6	4 37.30	+ 3 11.9	2.210	3.020	12.4	21.5
1 16	4 33.36	+ 3 50.8	2.318	3.035	14.6	21.7

7340 1991 UA_2 12 7.9 283.°45 0.°4/ 8.0 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.15	+24 26.0	1.969	2.823	12.2	18.3
11 17	5 17.90	+24 20.9	1.896	2.820	8.7	18.0
11 27	5 9.57	+24 11.4	1.849	2.817	4.7	17.8
12 7	5 0.06	+23 57.2	1.829	2.814	0.6	17.5
12 17	4 50.44	+23 39.5	1.839	2.811	3.9	17.7
12 27	4 41.87	+23 20.4	1.878	2.808	8.0	18.0
1 6	4 35.27	+23 2.8	1.943	2.805	11.6	18.2
1 16	4 31.22	+22 49.1	2.030	2.802	14.7	18.4

251348 2007 TG_{22} 12 7.9 28.°73 4.°4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.52	+16 38.7	1.058	1.941	18.1	19.7
11 17	5 19.71	+15 38.5	1.011	1.947	13.1	19.4
11 27	5 10.77	+14 40.8	0.985	1.954	7.7	19.2
12 7	5 0.16	+13 50.9	0.983	1.962	4.4	19.0
12 17	4 49.68	+13 14.2	1.005	1.971	7.7	19.2
12 27	4 41.10	+12 54.3	1.051	1.980	12.8	19.5
1 6	4 35.64	+12 52.3	1.117	1.991	17.4	19.9
1 16	4 33.83	+13 6.5	1.202	2.001	21.3	20.1

124265 2001 QZ_{14} 12 7.9 95.°45 0.°8/ 8.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.00	+24 50.4	1.595	2.450	14.6	20.4
11 17	5 22.14	+24 53.3	1.547	2.471	10.3	20.2
11 27	5 11.82	+24 50.6	1.523	2.491	5.6	19.9
12 7	5 0.26	+24 41.5	1.526	2.511	0.9	19.7
12 17	4 48.88	+24 27.2	1.559	2.531	4.5	20.0
12 27	4 39.10	+24 10.3	1.619	2.550	9.0	20.3
1 6	4 31.92	+23 54.6	1.705	2.568	12.9	20.6
1 16	4 27.82	+23 43.0	1.812	2.587	16.1	20.8

271508 2004 FL_{134} 12 7.9 297.°79 0.°8/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.66	+26 11.1	1.381	2.248	15.7	19.9
11 17	5 20.55	+25 48.2	1.302	2.231	11.4	19.6
11 27	5 11.35	+25 15.7	1.246	2.215	6.3	19.3
12 7	5 0.24	+24 33.5	1.215	2.199	1.0	18.9
12 17	4 48.80	+23 44.2	1.210	2.183	5.2	19.1
12 27	4 38.80	+22 53.1	1.232	2.168	10.7	19.4
1 6	4 31.62	+22 6.3	1.278	2.152	15.6	19.7
1 16	4 28.02	+21 28.5	1.343	2.137	19.7	19.9

449379 2013 GK_{98} 12 7.9 193.°60 3.°0/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.44	+30 37.0	2.248	3.083	11.6	21.5
11 17	5 20.22	+31 18.0	2.172	3.082	8.6	21.3
11 27	5 10.85	+31 51.8	2.123	3.080	5.4	21.1
12 7	5 0.19	+32 15.6	2.103	3.079	3.1	21.0
12 17	4 49.31	+32 28.0	2.113	3.076	4.5	21.1
12 27	4 39.40	+32 30.0	2.153	3.074	7.7	21.3
1 6	4 31.43	+32 24.7	2.219	3.071	10.8	21.4
1 16	4 26.03	+32 15.6	2.309	3.068	13.5	21.6

47374 1999 XX_{91} 12 7.9 196.°18 1.°6/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.05	+17 22.6	2.034	2.884	12.1	19.2
11 17	5 19.17	+17 34.8	1.961	2.882	8.6	19.0
11 27	5 10.26	+17 49.5	1.914	2.881	4.8	18.7
12 7	5 0.14	+18 6.4	1.895	2.878	1.6	18.5
12 17	4 49.87	+18 25.5	1.907	2.875	4.3	18.7
12 27	4 40.55	+18 47.0	1.948	2.872	8.1	18.9
1 6	4 33.12	+19 11.4	2.016	2.869	11.7	19.1
1 16	4 28.14	+19 39.2	2.106	2.865	14.6	19.3

326794 2003 SV_{295} 12 7.9 67.°14 7.°8/ 4.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.44	+ 2 7.1	2.133	2.961	12.4	20.1
11 17	5 15.57	+ 0 30.2	2.086	2.972	10.1	20.0
11 27	5 8.15	− 0 54.5	2.064	2.983	8.3	19.9
12 7	4 59.95	− 2 1.6	2.070	2.994	7.9	19.9
12 17	4 51.81	− 2 47.3	2.104	3.005	9.0	20.0
12 27	4 44.62	− 3 10.3	2.164	3.017	11.0	20.2
1 6	4 39.04	− 3 11.8	2.247	3.028	13.1	20.3
1 16	4 35.50	− 2 54.9	2.350	3.040	15.1	20.5

37887 1998 FQ_{58} 12 7.9 185.°23 1.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.00	+20 6.0	2.116	2.966	11.7	20.0
11 17	5 19.02	+19 52.2	2.044	2.966	8.3	19.8
11 27	5 10.12	+19 37.1	1.998	2.966	4.5	19.6
12 7	5 0.13	+19 21.5	1.981	2.965	1.1	19.3
12 17	4 50.06	+19 6.7	1.994	2.963	4.0	19.5
12 27	4 40.99	+18 54.5	2.037	2.961	7.9	19.8
1 6	4 33.77	+18 46.7	2.106	2.958	11.3	20.0
1 16	4 28.93	+18 44.8	2.199	2.955	14.2	20.2

472830 2015 FL_{183} 12 7.9 255.°39 2.°8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.43	+16 51.6	1.478	2.341	15.1	21.9
11 17	5 20.79	+16 32.3	1.403	2.330	10.9	21.7
11 27	5 11.38	+16 15.2	1.351	2.319	6.3	21.4
12 7	5 0.25	+16 2.0	1.326	2.307	2.8	21.1
12 17	4 48.83	+15 54.6	1.328	2.295	5.9	21.3
12 27	4 38.67	+15 55.0	1.357	2.283	10.8	21.5
1 6	4 31.02	+16 4.7	1.410	2.271	15.3	21.8
1 16	4 26.63	+16 23.9	1.482	2.258	19.0	22.0

276839 2004 RN_{14} 12 7.9 149.°58 0.°3/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.62	+22 54.0	1.881	2.732	12.8	21.3
11 17	5 20.29	+22 37.7	1.817	2.740	9.1	21.1
11 27	5 10.82	+22 17.6	1.779	2.747	4.9	20.9
12 7	5 0.19	+21 54.1	1.769	2.754	0.5	20.5
12 17	4 49.59	+21 28.8	1.789	2.760	4.1	20.8
12 27	4 40.22	+21 4.5	1.838	2.766	8.3	21.1
1 6	4 33.00	+20 44.1	1.914	2.771	12.0	21.3
1 16	4 28.47	+20 29.8	2.011	2.776	15.1	21.6

209948 2006 FG_1 12 7.9 172.°72 2.°7/ 7.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.01	+17 24.8	1.492	2.352	15.1	22.0
11 17	5 21.69	+16 57.9	1.429	2.355	10.9	21.7
11 27	5 11.73	+16 32.2	1.389	2.357	6.2	21.5
12 7	5 0.28	+16 9.7	1.377	2.358	2.7	21.2
12 17	4 48.77	+15 52.7	1.392	2.359	5.8	21.4
12 27	4 38.70	+15 43.7	1.435	2.360	10.4	21.7
1 6	4 31.20	+15 44.2	1.502	2.360	14.7	22.0
1 16	4 26.88	+15 54.8	1.589	2.359	18.2	22.2

486651 2013 QZ 12 7.9 140.°40 4.°5/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.70	+ 8 48.0	2.485	3.325	10.5	22.1
11 17	5 14.97	+ 8 11.0	2.422	3.330	7.9	21.9
11 27	5 7.84	+ 7 40.7	2.386	3.334	5.5	21.8
12 7	4 59.94	+ 7 19.4	2.378	3.338	4.5	21.7
12 17	4 52.03	+ 7 8.8	2.400	3.342	5.7	21.8
12 27	4 44.89	+ 7 9.9	2.450	3.346	8.1	21.9
1 6	4 39.15	+ 7 22.2	2.526	3.350	10.6	22.1
1 16	4 35.24	+ 7 44.6	2.625	3.353	12.8	22.3

55688 2053 $T\text{-}_2$ 12 7.9 105.°82 2.°6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.63	+16 13.5	2.149	2.998	11.5	19.4
11 17	5 17.81	+15 40.8	2.097	3.017	8.2	19.2
11 27	5 9.35	+15 10.1	2.072	3.036	4.8	19.0
12 7	5 0.07	+14 43.2	2.076	3.055	2.6	18.9
12 17	4 50.91	+14 21.9	2.110	3.073	4.6	19.1
12 27	4 42.81	+14 7.9	2.174	3.090	7.9	19.3
1 6	4 36.48	+14 2.3	2.264	3.108	10.9	19.5
1 16	4 32.34	+14 5.0	2.376	3.124	13.5	19.7

489159 2006 EE_{38} 12 7.9 276.°23 1.°2/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.37	+19 25.6	2.212	3.065	11.1	22.1
11 17	5 16.43	+19 18.5	2.140	3.064	7.9	21.9
11 27	5 8.72	+19 11.3	2.094	3.062	4.3	21.7
12 7	5 0.02	+19 4.5	2.077	3.061	1.2	21.5
12 17	4 51.23	+18 59.2	2.090	3.059	3.8	21.7
12 27	4 43.32	+18 56.5	2.131	3.057	7.4	21.9
1 6	4 37.07	+18 57.8	2.200	3.056	10.7	22.1
1 16	4 33.01	+19 4.0	2.291	3.054	13.5	22.3

436473 2011 DD_{42} 12 7.9 185.°37 1.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.69	+20 26.0	1.849	2.702	13.0	22.4
11 17	5 20.46	+20 14.9	1.779	2.702	9.2	22.1
11 27	5 10.98	+20 2.4	1.734	2.702	5.0	21.9
12 7	5 0.23	+19 49.0	1.717	2.701	1.1	21.6
12 17	4 49.38	+19 35.9	1.730	2.700	4.4	21.8
12 27	4 39.70	+19 25.1	1.771	2.698	8.7	22.1
1 6	4 32.14	+19 18.9	1.839	2.695	12.5	22.3
1 16	4 27.32	+19 18.7	1.929	2.692	15.7	22.5

305869 2009 EO_{30} 12 7.9 213.°69 1.°8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 24.36	+18 32.0	2.001	2.856	12.1	21.1
11 17	5 17.97	+18 11.1	1.929	2.852	8.6	20.9
11 27	5 9.60	+17 50.3	1.881	2.849	4.8	20.7
12 7	5 0.11	+17 30.7	1.863	2.845	1.8	20.4
12 17	4 50.52	+17 14.1	1.873	2.841	4.4	20.6
12 27	4 41.93	+17 2.3	1.913	2.837	8.3	20.8
1 6	4 35.20	+16 57.0	1.979	2.832	11.8	21.1
1 16	4 30.90	+16 59.0	2.067	2.828	14.8	21.3

369152 2008 SJ_{52} 12 7.9 102.°78 3.°8/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.01	+11 51.3	2.359	3.206	10.7	21.3
11 17	5 15.25	+11 12.0	2.298	3.213	7.9	21.1
11 27	5 8.00	+10 37.3	2.263	3.220	5.2	20.9
12 7	4 59.97	+10 9.8	2.257	3.226	3.8	20.9
12 17	4 51.95	+ 9 51.2	2.281	3.233	5.3	21.0
12 27	4 44.76	+ 9 43.1	2.333	3.239	8.0	21.2
1 6	4 39.06	+ 9 45.4	2.412	3.246	10.7	21.3
1 16	4 35.29	+ 9 57.6	2.513	3.252	13.0	21.5

396375 2014 DL_{109} 12 7.9 10.°50 6.°4/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.87	+ 7 59.3	1.590	2.444	14.7	20.8
11 17	5 17.86	+ 7 16.7	1.530	2.444	11.2	20.6
11 27	5 9.62	+ 6 45.0	1.494	2.445	7.9	20.4
12 7	5 0.12	+ 6 28.2	1.484	2.445	6.4	20.3
12 17	4 50.56	+ 6 28.8	1.500	2.446	8.1	20.4
12 27	4 42.19	+ 6 47.5	1.542	2.447	11.4	20.6
1 6	4 35.98	+ 7 22.5	1.608	2.448	14.8	20.8
1 16	4 32.51	+ 8 10.7	1.694	2.450	17.8	21.0

267159 2000 GO_{149} 12 7.9 271.°48 3.°8/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.91	+11 42.8	2.344	3.191	10.8	20.6
11 17	5 15.32	+11 10.7	2.265	3.180	8.0	20.5
11 27	5 8.13	+10 43.4	2.212	3.169	5.2	20.3
12 7	5 0.00	+10 22.9	2.189	3.158	3.8	20.2
12 17	4 51.75	+10 11.2	2.194	3.147	5.4	20.2
12 27	4 44.24	+10 9.6	2.228	3.136	8.2	20.4
1 6	4 38.20	+10 18.3	2.289	3.125	11.1	20.6
1 16	4 34.14	+10 36.7	2.371	3.113	13.6	20.7

122852 2000 ST_{130} 12 7.9 171.°36 3.°9/ 9.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.48	+35 17.7	1.883	2.713	13.8	19.9
11 17	5 22.53	+35 3.9	1.812	2.716	10.4	19.7
11 27	5 12.10	+34 34.5	1.765	2.718	6.8	19.5
12 7	5 0.35	+33 48.0	1.746	2.719	4.1	19.4
12 17	4 48.67	+32 46.0	1.757	2.721	5.2	19.4
12 27	4 38.48	+31 33.9	1.797	2.721	8.7	19.6
1 6	4 30.82	+30 18.6	1.863	2.722	12.2	19.9
1 16	4 26.20	+29 6.6	1.952	2.722	15.3	20.1

389633 2011 KT_{14} 12 7.9 95.°13 2.°1/ 7.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.96	+19 7.9	1.603	2.464	14.2	21.3
11 17	5 19.96	+18 30.1	1.550	2.477	10.1	21.1
11 27	5 10.67	+17 51.6	1.522	2.490	5.6	20.8
12 7	5 0.22	+17 14.8	1.521	2.503	2.2	20.7
12 17	4 49.91	+16 42.5	1.548	2.516	5.2	20.9
12 27	4 41.02	+16 17.8	1.603	2.528	9.5	21.2
1 6	4 34.49	+16 2.7	1.683	2.541	13.3	21.4
1 16	4 30.82	+15 57.9	1.784	2.553	16.5	21.7

366812 2005 EP_{39} 12 7.9 11.°69 7.°8/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 20.99	+ 0 25.4	2.015	2.842	13.1	20.2
11 17	5 15.46	− 0 6.9	1.957	2.843	10.7	20.0
11 27	5 8.21	− 0 23.8	1.923	2.845	8.6	19.9
12 7	5 0.02	− 0 22.0	1.914	2.847	7.8	19.8
12 17	4 51.79	+ 0 0.1	1.932	2.849	8.7	19.9
12 27	4 44.47	+ 0 41.7	1.977	2.852	10.8	20.0
1 6	4 38.81	+ 1 39.8	2.045	2.855	13.2	20.2
1 16	4 35.31	+ 2 50.7	2.135	2.858	15.5	20.4

68394 2001 QZ_{68} 12 7.9 10.°61 0.°2/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.98	+24 24.5	1.328	2.198	15.9	18.5
11 17	5 19.85	+23 52.5	1.267	2.199	11.4	18.2
11 27	5 10.85	+23 13.3	1.229	2.200	6.1	17.9
12 7	5 0.26	+22 28.2	1.217	2.202	0.5	17.5
12 17	4 49.66	+21 40.7	1.231	2.204	5.1	17.9
12 27	4 40.69	+20 55.9	1.271	2.207	10.4	18.2
1 6	4 34.53	+20 18.7	1.335	2.210	15.0	18.5
1 16	4 31.77	+19 52.2	1.418	2.213	18.8	18.7

487046 2014 OW_{48} 12 7.9 175.°68 1.°9/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.56	+28 23.5	1.970	2.818	12.5	21.5
11 17	5 18.97	+28 26.0	1.899	2.818	9.1	21.3
11 27	5 10.21	+28 20.8	1.854	2.818	5.2	21.0
12 7	5 0.22	+28 6.9	1.836	2.818	2.0	20.8
12 17	4 50.16	+27 45.0	1.848	2.818	4.1	21.0
12 27	4 41.24	+27 17.8	1.889	2.819	8.0	21.2
1 6	4 34.40	+26 49.1	1.956	2.818	11.5	21.4
1 16	4 30.22	+26 22.4	2.045	2.818	14.5	21.6

466608 2014 US_{209} 12 7.9 278.°34 7.°2/ 8.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 31.85	+42 48.6	2.466	3.257	12.1	21.7
11 17	5 23.92	+44 19.0	2.379	3.241	10.0	21.5
11 27	5 13.20	+45 37.0	2.318	3.225	8.1	21.3
12 7	5 0.51	+46 36.3	2.284	3.209	7.2	21.3
12 17	4 47.12	+47 12.9	2.280	3.193	7.8	21.3
12 27	4 34.54	+47 26.6	2.303	3.177	9.6	21.4
1 6	4 24.11	+47 21.2	2.352	3.161	11.8	21.5
1 16	4 16.75	+47 2.8	2.423	3.144	13.9	21.6

182256 2001 FR_{145} 12 7.9 192.°12 2.°7/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.55	+16 35.1	1.691	2.546	13.8	20.9
11 17	5 20.49	+16 12.5	1.622	2.545	10.0	20.6
11 27	5 11.08	+15 51.9	1.578	2.544	5.8	20.4
12 7	5 0.30	+15 35.0	1.561	2.542	2.8	20.2
12 17	4 49.42	+15 23.6	1.574	2.540	5.4	20.4
12 27	4 39.75	+15 19.8	1.614	2.537	9.7	20.6
1 6	4 32.33	+15 24.6	1.680	2.533	13.6	20.8
1 16	4 27.77	+15 38.3	1.766	2.529	16.9	21.0

70638 1999 TY_{232} 12 7.9 65.°08 4.°3/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.13	+11 23.9	1.706	2.559	13.8	18.4
11 17	5 18.72	+11 16.0	1.641	2.560	10.2	18.2
11 27	5 10.10	+11 16.4	1.602	2.561	6.5	18.0
12 7	5 0.22	+11 26.6	1.589	2.562	4.3	17.8
12 17	4 50.23	+11 47.3	1.604	2.563	6.2	18.0
12 27	4 41.37	+12 18.5	1.647	2.564	9.9	18.2
1 6	4 34.61	+12 59.1	1.715	2.565	13.5	18.4
1 16	4 30.55	+13 47.2	1.804	2.567	16.6	18.6

499957 2011 JE_{10} 12 7.9 179.°86 17.°9/ 3.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 28.50	−13 34.1	1.286	2.073	21.3	21.3
11 17	5 21.51	−15 42.6	1.248	2.074	19.4	21.1
11 27	5 11.72	−17 15.1	1.227	2.075	18.2	21.1
12 7	5 0.37	−18 0.9	1.226	2.075	18.0	21.1
12 17	4 49.00	−17 54.9	1.244	2.075	18.9	21.1
12 27	4 39.21	−16 59.1	1.280	2.074	20.5	21.2
1 6	4 32.15	−15 22.4	1.333	2.073	22.5	21.4
1 16	4 28.46	−13 15.9	1.400	2.071	24.4	21.5

327527 2006 BQ_{126} 12 7.9 77.°52 4.°7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.61	+ 9 19.3	2.166	3.011	11.6	20.7
11 17	5 15.79	+ 8 48.2	2.107	3.018	8.7	20.5
11 27	5 8.36	+ 8 24.6	2.074	3.026	6.0	20.4
12 7	5 0.07	+ 8 10.8	2.069	3.033	4.7	20.3
12 17	4 51.78	+ 8 8.5	2.093	3.040	6.0	20.4
12 27	4 44.39	+ 8 18.3	2.145	3.048	8.7	20.6
1 6	4 38.60	+ 8 39.5	2.222	3.055	11.5	20.8
1 16	4 34.89	+ 9 10.6	2.322	3.062	13.9	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
164818	1999 RR_{41}		12	7.9	162.°72	6.°2/ 9.6 18
	h m	° ′			°	m
11 7	5 32.18	+40 23.1	2.117	2.924	13.3	21.2
11 17	5 23.84	+41 1.9	2.049	2.929	10.5	21.1
11 27	5 12.91	+41 24.8	2.005	2.934	7.9	20.9
12 7	5 0.48	+41 27.5	1.989	2.938	6.2	20.8
12 17	4 47.96	+41 8.9	2.001	2.942	6.8	20.9
12 27	4 36.83	+40 31.9	2.042	2.945	9.1	21.0
1 6	4 28.21	+39 42.6	2.109	2.948	11.8	21.2
1 16	4 22.71	+38 47.9	2.198	2.950	14.3	21.4
76615	2000 GP_{169}		12	7.9	198.°29	3.°6/ 8.9 18
11 7	5 24.88	+34 29.5	2.517	3.344	10.8	19.7
11 17	5 18.26	+34 51.7	2.442	3.343	8.2	19.5
11 27	5 9.77	+35 4.0	2.393	3.342	5.5	19.4
12 7	5 0.20	+35 4.6	2.372	3.340	3.7	19.2
12 17	4 50.51	+34 53.1	2.380	3.338	4.6	19.3
12 27	4 41.75	+34 31.3	2.419	3.337	7.1	19.5
1 6	4 34.75	+34 2.7	2.484	3.335	9.8	19.6
1 16	4 30.05	+33 31.1	2.573	3.333	12.2	19.8
256555	2007 RU_{221}		12	7.9	205.°64	1.°8/ 8.4 18
11 7	5 27.26	+28 1.7	2.059	2.902	12.2	21.0
11 17	5 20.17	+28 10.0	1.982	2.899	8.9	20.8
11 27	5 10.88	+28 11.2	1.930	2.894	5.1	20.6
12 7	5 0.31	+28 4.1	1.907	2.890	1.9	20.3
12 17	4 49.59	+27 48.8	1.915	2.884	4.1	20.5
12 27	4 39.94	+27 27.6	1.951	2.879	7.9	20.7
1 6	4 32.34	+27 4.1	2.014	2.873	11.4	20.9
1 16	4 27.38	+26 41.7	2.100	2.866	14.4	21.1
415593	2014 QE_{312}		12	7.9	53.°93	0.°9/ 7.7 17
11 7	5 23.85	+20 57.0	1.865	2.723	12.6	21.4
11 17	5 17.68	+20 43.2	1.804	2.730	8.9	21.2
11 27	5 9.48	+20 27.8	1.767	2.737	4.8	20.9
12 7	5 0.18	+20 11.6	1.759	2.743	1.0	20.7
12 17	4 50.88	+19 56.0	1.780	2.750	4.2	20.9
12 27	4 42.72	+19 43.1	1.829	2.758	8.2	21.2
1 6	4 36.56	+19 34.8	1.903	2.765	11.9	21.4
1 16	4 32.93	+19 32.6	2.000	2.772	14.9	21.6
245341	2005 EU_{174}		12	7.9	147.°96	4.°1/ 6.6 18
11 7	5 23.87	+ 9 52.8	2.547	3.383	10.4	22.0
11 17	5 17.14	+ 9 12.2	2.488	3.395	7.8	21.9
11 27	5 9.00	+ 8 37.2	2.457	3.406	5.3	21.7
12 7	5 0.14	+ 8 10.1	2.454	3.417	4.1	21.7
12 17	4 51.32	+ 7 52.9	2.483	3.427	5.4	21.8
12 27	4 43.33	+ 7 46.4	2.541	3.437	7.9	22.0
1 6	4 36.80	+ 7 50.8	2.626	3.445	10.4	22.1
1 16	4 32.14	+ 8 5.1	2.734	3.453	12.5	22.3
415399	2013 OY_{8}		12	7.9	139.°25	1.°2/ 7.6 18
11 7	5 22.15	+19 20.0	2.589	3.436	9.9	22.0
11 17	5 16.02	+19 0.4	2.523	3.444	7.0	21.8
11 27	5 8.43	+18 40.4	2.485	3.452	3.8	21.6
12 7	5 0.09	+18 20.9	2.476	3.459	1.3	21.4
12 17	4 51.75	+18 3.1	2.498	3.466	3.5	21.6
12 27	4 44.22	+17 48.5	2.551	3.473	6.6	21.8
1 6	4 38.13	+17 38.7	2.631	3.479	9.4	22.0
1 16	4 33.93	+17 34.3	2.734	3.486	11.8	22.2
71342	2000 AJ_{102}		12	7.9	341.°99	2.°1/ 7.8 18
11 7	5 25.45	+16 23.8	1.554	2.417	14.4	18.6
11 17	5 19.26	+16 40.8	1.486	2.413	10.4	18.3
11 27	5 10.54	+17 2.8	1.441	2.409	5.9	18.1
12 7	5 0.29	+17 29.5	1.424	2.406	2.1	17.8
12 17	4 49.81	+18 0.3	1.434	2.403	5.2	18.0
12 27	4 40.53	+18 35.0	1.471	2.401	9.8	18.3
1 6	4 33.60	+19 13.2	1.533	2.399	14.0	18.5
1 16	4 29.68	+19 54.9	1.616	2.397	17.5	18.8
354459	2004 BW_{72}		12	7.9	248.°38	4.°6/ 6.9 18
11 7	5 24.31	+ 8 44.6	2.252	3.090	11.5	21.9
11 17	5 17.87	+ 8 27.0	2.165	3.072	8.8	21.7
11 27	5 9.60	+ 8 17.1	2.104	3.054	6.0	21.5
12 7	5 0.21	+ 8 17.0	2.071	3.036	4.6	21.4
12 17	4 50.57	+ 8 28.1	2.068	3.016	6.1	21.4
12 27	4 41.67	+ 8 50.9	2.095	2.997	9.0	21.6
1 6	4 34.32	+ 9 24.5	2.147	2.976	12.0	21.8
1 16	4 29.13	+10 7.6	2.222	2.956	14.7	21.9
372313	2008 WT_{111}		12	7.9	88.°14	0.°3/ 8.1 17
11 7	5 22.12	+24 40.3	2.429	3.278	10.4	21.3
11 17	5 16.14	+24 28.9	2.362	3.283	7.4	21.1
11 27	5 8.56	+24 13.5	2.321	3.288	4.0	20.9
12 7	5 0.12	+23 54.2	2.309	3.294	0.5	20.6
12 17	4 51.67	+23 32.3	2.328	3.299	3.2	20.8
12 27	4 44.10	+23 9.6	2.376	3.304	6.6	21.1
1 6	4 38.11	+22 48.6	2.451	3.310	9.7	21.3
1 16	4 34.18	+22 31.2	2.551	3.315	12.2	21.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
263343	2008 CW_{97}		12	7.9	200.°26	3.°1/ 7.3 18
	h m	° ′			°	m
11 7	5 23.70	+14 27.7	1.959	2.812	12.3	20.9
11 17	5 17.53	+14 12.1	1.891	2.812	8.9	20.7
11 27	5 9.41	+14 0.6	1.848	2.811	5.4	20.5
12 7	5 0.20	+13 54.7	1.833	2.811	3.1	20.4
12 17	4 50.90	+13 55.6	1.847	2.810	5.1	20.5
12 27	4 42.58	+14 4.3	1.890	2.809	8.7	20.7
1 6	4 36.10	+14 21.0	1.959	2.809	12.1	20.9
1 16	4 32.01	+14 45.3	2.049	2.808	15.0	21.1
28501	2000 CO_{79}		12	7.9	120.°61	0.°9/ 7.8 18 R
11 7	5 28.99	+20 56.5	1.755	2.608	13.6	20.8
11 17	5 21.31	+20 45.1	1.700	2.624	9.6	20.6
11 27	5 11.41	+20 31.8	1.671	2.640	5.2	20.4
12 7	5 0.37	+20 17.2	1.670	2.655	1.0	20.1
12 17	4 49.44	+20 2.7	1.699	2.670	4.4	20.4
12 27	4 39.89	+19 50.4	1.757	2.684	8.7	20.7
1 6	4 32.63	+19 42.6	1.840	2.697	12.4	20.9
1 16	4 28.17	+19 40.9	1.945	2.710	15.5	21.2
225336	1998 RB_{51}		12	7.9	29.°97	5.°3/ 9.5 17
11 7	5 26.33	+37 22.7	1.882	2.713	13.7	19.9
11 17	5 19.76	+37 47.1	1.820	2.719	10.6	19.7
11 27	5 10.72	+37 56.6	1.783	2.727	7.5	19.6
12 7	5 0.32	+37 48.1	1.771	2.734	5.4	19.5
12 17	4 49.91	+37 21.7	1.788	2.742	6.2	19.5
12 27	4 40.90	+36 40.6	1.831	2.750	9.0	19.7
1 6	4 34.31	+35 50.8	1.900	2.759	12.0	19.9
1 16	4 30.71	+34 58.4	1.991	2.768	14.8	20.1
124119	2001 JU_{10}		12	7.9	280.°18	2.°9/ 7.4 18
11 7	5 22.21	+13 30.0	2.232	3.081	11.2	19.6
11 17	5 16.37	+13 25.0	2.154	3.072	8.2	19.4
11 27	5 8.78	+13 24.9	2.102	3.063	5.0	19.2
12 7	5 0.15	+13 30.5	2.078	3.054	2.9	19.0
12 17	4 51.37	+13 42.7	2.084	3.045	4.8	19.1
12 27	4 43.36	+14 1.9	2.119	3.036	8.0	19.3
1 6	4 36.93	+14 27.8	2.180	3.027	11.1	19.5
1 16	4 32.63	+15 0.1	2.264	3.019	13.9	19.7
309927	2009 FS_{38}		12	7.9	115.°48	5.°6/ 9.1 18
11 7	5 30.01	+37 11.7	1.942	2.766	13.6	20.6
11 17	5 22.40	+37 56.9	1.879	2.774	10.6	20.5
11 27	5 12.18	+38 28.2	1.840	2.781	7.5	20.3
12 7	5 0.46	+38 41.3	1.829	2.789	5.6	20.2
12 17	4 48.63	+38 34.9	1.845	2.796	6.5	20.3
12 27	4 38.19	+38 11.6	1.890	2.803	9.1	20.4
1 6	4 30.24	+37 37.0	1.960	2.809	12.1	20.6
1 16	4 25.42	+36 57.3	2.053	2.816	14.8	20.8
477242	2009 RD_{48}		12	7.9	88.°76	2.°1/ 7.5 18
11 7	5 30.34	+18 41.1	1.520	2.378	15.0	21.8
11 17	5 22.27	+18 13.8	1.480	2.405	10.6	21.6
11 27	5 11.88	+17 46.9	1.465	2.433	5.8	21.4
12 7	5 0.41	+17 22.2	1.477	2.459	2.2	21.2
12 17	4 49.28	+17 1.9	1.517	2.485	5.2	21.5
12 27	4 39.81	+16 48.3	1.586	2.511	9.6	21.8
1 6	4 32.91	+16 43.1	1.679	2.536	13.4	22.1
1 16	4 29.02	+16 46.7	1.793	2.560	16.5	22.4
493105	2014 SW_{347}		12	7.9	301.°18	7.°4/ 5.2 17
11 7	5 20.33	+ 2 53.3	2.146	2.979	12.2	21.0
11 17	5 15.02	+ 1 41.4	2.077	2.968	9.9	20.8
11 27	5 8.03	+ 0 40.2	2.032	2.958	8.0	20.7
12 7	5 0.09	− 0 5.5	2.014	2.947	7.4	20.6
12 17	4 52.04	− 0 32.2	2.024	2.937	8.6	20.7
12 27	4 44.79	− 0 38.5	2.059	2.927	10.8	20.8
1 6	4 39.08	− 0 25.2	2.119	2.917	13.2	20.9
1 16	4 35.43	+ 0 5.1	2.198	2.908	15.5	21.1
310845	2003 AC_{56}		12	7.9	356.°84	3.°0/ 7.1 18
11 7	5 19.28	+19 25.9	1.167	2.054	16.4	19.1
11 17	5 15.33	+18 26.9	1.107	2.047	11.8	18.8
11 27	5 8.55	+17 25.4	1.070	2.041	6.7	18.5
12 7	5 0.14	+16 26.2	1.056	2.038	3.0	18.3
12 17	4 51.65	+15 34.7	1.066	2.036	6.5	18.5
12 27	4 44.67	+14 56.4	1.101	2.036	11.7	18.8
1 6	4 40.41	+14 34.0	1.157	2.038	16.4	19.0
1 16	4 39.47	+14 27.7	1.231	2.042	20.3	19.3
474818	2005 SZ_{38}		12	7.9	8.°64	0.°9/ 7.8 18
11 7	5 23.84	+21 43.2	1.104	1.988	17.4	20.8
11 17	5 18.73	+21 29.7	1.051	1.989	12.4	20.5
11 27	5 10.43	+21 13.4	1.018	1.991	6.7	20.2
12 7	5 0.32	+20 55.4	1.009	1.994	1.0	19.9
12 17	4 50.15	+20 37.9	1.025	1.999	5.7	20.2
12 27	4 41.77	+20 24.3	1.065	2.005	11.4	20.5
1 6	4 36.46	+20 17.6	1.126	2.011	16.4	20.9
1 16	4 34.85	+20 19.5	1.206	2.019	20.4	21.1

5836 1993 MF 12 7.9 55.°26 1.°7/ 7.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 39.97	+21 15.5	1.306	2.157	17.4	18.1
11 17	5 28.45	+20 25.9	1.299	2.222	12.0	17.9
11 27	5 14.78	+19 34.7	1.317	2.285	6.3	17.8
12 7	5 0.64	+18 44.6	1.363	2.347	1.7	17.6
12 17	4 47.71	+17 59.8	1.439	2.408	5.3	18.0
12 27	4 37.28	+17 24.2	1.543	2.467	9.9	18.4
1 6	4 30.04	+16 59.9	1.672	2.525	13.7	18.8
1 16	4 26.13	+16 47.3	1.821	2.581	16.6	19.1

257468 1994 CU_3 12 7.9 287.°78 3.°9/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 29.47	+32 32.3	1.406	2.259	16.3	20.3
11 17	5 22.60	+32 33.1	1.335	2.253	12.2	20.0
11 27	5 12.51	+32 18.9	1.286	2.247	7.6	19.8
12 7	5 0.51	+31 46.8	1.263	2.241	4.1	19.5
12 17	4 48.35	+30 57.8	1.267	2.235	5.9	19.6
12 27	4 37.89	+29 57.5	1.297	2.230	10.5	19.9
1 6	4 30.50	+28 54.0	1.351	2.224	15.0	20.1
1 16	4 26.86	+27 54.6	1.425	2.219	18.8	20.4

227674 2006 CY_{13} 12 7.9 95.°61 0.°6/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 23.80	+24 58.9	2.224	3.073	11.2	20.7
11 17	5 17.43	+24 53.1	2.161	3.083	8.0	20.5
11 27	5 9.29	+24 42.9	2.124	3.092	4.3	20.3
12 7	5 0.21	+24 28.1	2.116	3.101	0.7	20.0
12 17	4 51.15	+24 9.9	2.138	3.110	3.5	20.2
12 27	4 43.09	+23 50.2	2.190	3.119	7.1	20.5
1 6	4 36.80	+23 31.7	2.268	3.128	10.3	20.7
1 16	4 32.76	+23 16.4	2.370	3.137	13.0	20.9

404344 2013 FP_{24} 12 7.9 209.°83 1.°2/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 24.16	+20 3.2	1.996	2.851	12.1	21.4
11 17	5 17.88	+19 46.7	1.925	2.850	8.6	21.2
11 27	5 9.63	+19 29.1	1.880	2.848	4.7	20.9
12 7	5 0.25	+19 11.4	1.863	2.847	1.3	20.7
12 17	4 50.80	+18 55.0	1.875	2.845	4.2	20.9
12 27	4 42.35	+18 41.8	1.916	2.843	8.1	21.1
1 6	4 35.79	+18 33.8	1.984	2.841	11.6	21.4
1 16	4 31.66	+18 32.2	2.073	2.839	14.6	21.6

358301 2006 US_{150} 12 7.9 251.°49 4.°7/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 28.03	+35 25.3	2.022	2.852	13.0	21.4
11 17	5 21.02	+35 57.3	1.943	2.844	9.9	21.2
11 27	5 11.49	+36 17.3	1.888	2.835	6.8	21.0
12 7	5 0.44	+36 21.9	1.860	2.827	4.8	20.8
12 17	4 49.13	+36 9.7	1.861	2.818	5.8	20.9
12 27	4 38.98	+35 43.1	1.891	2.809	8.8	21.0
1 6	4 31.10	+35 6.9	1.946	2.800	12.0	21.2
1 16	4 26.18	+34 26.9	2.023	2.790	14.9	21.4

37886 1998 FH_{56} 12 7.9 120.°64 3.°3/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 25.77	+14 32.1	1.794	2.648	13.2	19.1
11 17	5 19.03	+14 9.0	1.735	2.657	9.6	18.8
11 27	5 10.23	+13 50.1	1.702	2.665	5.7	18.6
12 7	5 0.32	+13 37.2	1.696	2.674	3.3	18.5
12 17	4 50.42	+13 31.9	1.719	2.682	5.5	18.7
12 27	4 41.69	+13 35.5	1.771	2.690	9.2	18.9
1 6	4 35.03	+13 48.3	1.847	2.697	12.7	19.1
1 16	4 30.96	+14 9.6	1.945	2.704	15.7	19.4

120201 2004 ES_2 12 7.9 170.°53 3.°6/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 32.06	+31 5.9	1.928	2.762	13.3	20.0
11 17	5 23.84	+31 54.1	1.858	2.766	9.9	19.8
11 27	5 13.00	+32 33.6	1.814	2.770	6.2	19.6
12 7	5 0.59	+33 0.4	1.798	2.772	3.7	19.4
12 17	4 47.97	+33 12.5	1.812	2.774	5.2	19.5
12 27	4 36.60	+33 11.4	1.855	2.776	8.8	19.8
1 6	4 27.64	+33 1.3	1.925	2.776	12.2	20.0
1 16	4 21.76	+32 47.1	2.017	2.776	15.2	20.2

145242 2005 JS_{92} 12 7.9 186.°05 2.°0/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 27.28	+30 29.9	1.888	2.732	13.1	19.8
11 17	5 20.23	+29 59.2	1.816	2.732	9.6	19.6
11 27	5 10.92	+29 16.7	1.769	2.732	5.6	19.4
12 7	5 0.40	+28 22.7	1.750	2.731	2.1	19.1
12 17	4 49.91	+27 19.6	1.760	2.731	4.2	19.3
12 27	4 40.74	+26 12.5	1.800	2.731	8.2	19.5
1 6	4 33.83	+25 7.0	1.867	2.730	12.0	19.8
1 16	4 29.70	+24 8.0	1.956	2.729	15.1	20.0

293609 2007 KF_8 12 7.9 141.°91 2.°9/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 22.09	+12 17.5	2.705	3.545	9.7	21.2
11 17	5 15.93	+12 9.3	2.641	3.554	7.1	21.1
11 27	5 8.42	+12 5.6	2.605	3.563	4.4	20.9
12 7	5 0.17	+12 7.4	2.598	3.571	2.9	20.8
12 17	4 51.92	+12 15.3	2.622	3.579	4.3	20.9
12 27	4 44.39	+12 29.7	2.676	3.587	6.9	21.1
1 6	4 38.19	+12 50.5	2.758	3.594	9.4	21.3
1 16	4 33.76	+13 17.0	2.863	3.600	11.6	21.5

302693 2002 TH_{105} 12 7.9 98.°23 4.°1/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.00	+12 51.6	2.007	2.854	12.4	20.7
11 17	5 18.82	+11 58.3	1.964	2.879	9.0	20.6
11 27	5 9.96	+11 9.8	1.946	2.903	5.7	20.4
12 7	5 0.31	+10 29.2	1.957	2.927	4.1	20.4
12 17	4 50.86	+ 9 59.1	1.998	2.951	5.8	20.5
12 27	4 42.58	+ 9 41.3	2.068	2.974	8.8	20.7
1 6	4 36.18	+ 9 35.9	2.163	2.996	11.8	21.0
1 16	4 32.07	+ 9 42.2	2.280	3.017	14.3	21.2

282779 2006 KZ_{13} 12 7.9 291.°16 6.°7/ 5.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 20.27	+ 3 3.4	2.309	3.139	11.6	20.3
11 17	5 14.85	+ 2 4.8	2.245	3.136	9.3	20.2
11 27	5 7.91	+ 1 16.9	2.207	3.134	7.4	20.0
12 7	5 0.14	+ 0 43.4	2.196	3.131	6.7	20.0
12 17	4 52.32	+ 0 27.0	2.212	3.129	7.8	20.1
12 27	4 45.27	+ 0 28.6	2.256	3.127	9.9	20.2
1 6	4 39.67	+ 0 47.0	2.324	3.124	12.2	20.3
1 16	4 35.99	+ 1 19.9	2.412	3.122	14.3	20.5

385747 2005 XC_{30} 12 7.9 0.°19 1.°4/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 23.25	+20 39.7	1.118	2.002	17.2	20.4
11 17	5 18.35	+20 25.2	1.061	1.999	12.3	20.1
11 27	5 10.28	+20 9.4	1.025	1.998	6.7	19.8
12 7	5 0.37	+19 53.6	1.013	1.997	1.5	19.4
12 17	4 50.32	+19 39.8	1.025	1.998	5.8	19.7
12 27	4 41.96	+19 31.2	1.061	2.000	11.5	20.0
1 6	4 36.61	+19 30.3	1.118	2.003	16.5	20.3
1 16	4 34.94	+19 38.2	1.194	2.007	20.6	20.6

358308 2006 UO_{226} 12 7.9 54.°13 0.°6/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 26.86	+23 43.4	1.587	2.448	14.3	20.7
11 17	5 20.03	+23 57.5	1.541	2.468	10.1	20.5
11 27	5 10.82	+24 7.8	1.520	2.489	5.5	20.2
12 7	5 0.40	+24 13.3	1.525	2.509	0.8	19.9
12 17	4 50.11	+24 14.3	1.558	2.530	4.4	20.3
12 27	4 41.30	+24 12.7	1.619	2.551	8.8	20.6
1 6	4 34.94	+24 11.1	1.705	2.573	12.7	20.9
1 16	4 31.52	+24 11.8	1.812	2.594	15.8	21.1

163327 2002 JR_{131} 12 7.9 75.°32 1.°8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 29.75	+19 4.5	1.764	2.615	13.6	20.3
11 17	5 21.52	+18 36.9	1.732	2.654	9.5	20.1
11 27	5 11.38	+18 9.4	1.726	2.693	5.2	20.0
12 7	5 0.44	+17 43.5	1.748	2.731	1.8	19.8
12 17	4 49.91	+17 21.2	1.801	2.769	4.6	20.1
12 27	4 40.90	+17 4.7	1.882	2.805	8.5	20.4
1 6	4 34.17	+16 55.5	1.990	2.841	11.9	20.7
1 16	4 30.08	+16 54.1	2.119	2.876	14.6	20.9

318637 2005 LE_{18} 12 7.9 212.°19 2.°3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 24.37	+17 22.1	2.169	3.019	11.4	21.5
11 17	5 17.91	+16 44.7	2.093	3.014	8.2	21.3
11 27	5 9.62	+16 7.2	2.043	3.008	4.7	21.0
12 7	5 0.31	+15 31.9	2.022	3.002	2.3	20.9
12 17	4 50.91	+15 0.9	2.031	2.995	4.6	21.0
12 27	4 42.43	+14 36.8	2.070	2.988	8.1	21.2
1 6	4 35.66	+14 21.1	2.135	2.981	11.4	21.4
1 16	4 31.14	+14 14.7	2.223	2.973	14.2	21.6

34964 3122 $T\text{-}2$ 12 7.9 225.°80 2.°9/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 29.12	+30 17.4	1.952	2.792	12.9	19.5
11 17	5 21.76	+30 39.7	1.870	2.783	9.6	19.3
11 27	5 11.91	+30 53.5	1.814	2.774	5.8	19.1
12 7	5 0.53	+30 56.1	1.786	2.764	3.0	18.9
12 17	4 48.87	+30 46.8	1.787	2.753	4.8	19.0
12 27	4 38.34	+30 27.6	1.817	2.743	8.5	19.2
1 6	4 30.04	+30 2.8	1.873	2.731	12.2	19.4
1 16	4 24.68	+29 37.0	1.952	2.719	15.4	19.6

269188 2008 GC_{45} 12 7.9 155.°07 0.°9/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 29.72	+25 36.5	1.910	2.756	12.9	21.8
11 17	5 21.89	+25 36.7	1.845	2.765	9.2	21.6
11 27	5 11.82	+25 31.1	1.806	2.773	5.1	21.3
12 7	5 0.51	+25 18.8	1.796	2.780	1.1	21.1
12 17	4 49.21	+25 0.8	1.815	2.786	4.0	21.3
12 27	4 39.17	+24 39.6	1.864	2.792	8.2	21.6
1 6	4 31.36	+24 18.7	1.940	2.797	11.9	21.8
1 16	4 26.33	+24 1.1	2.037	2.801	14.9	22.0

234651 2002 CW_{304} 12 7.9 197.°87 4.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 24.86	+10 53.9	2.131	2.974	11.9	21.3
11 17	5 18.24	+10 23.0	2.060	2.972	8.9	21.1
11 27	5 9.81	+ 9 58.0	2.014	2.968	5.8	20.9
12 7	5 0.34	+ 9 41.2	1.996	2.964	4.3	20.8
12 17	4 50.78	+ 9 34.6	2.008	2.960	5.9	20.9
12 27	4 42.11	+ 9 39.2	2.049	2.955	8.9	21.1
1 6	4 35.15	+ 9 54.9	2.116	2.949	12.0	21.3
1 16	4 30.43	+10 20.6	2.205	2.943	14.7	21.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
449119	2012 YJ_1	12	7.9	265.°06	1.°5/	8.4 17
	h m	° ′			°	m
11 7	5 26.38	+27 49.2	1.934	2.782	12.7	21.9
11 17	5 19.77	+27 39.5	1.847	2.767	9.2	21.7
11 27	5 10.82	+27 21.6	1.785	2.751	5.3	21.4
12 7	5 0.45	+26 54.9	1.751	2.735	1.6	21.1
12 17	4 49.83	+26 20.2	1.747	2.718	4.2	21.3
12 27	4 40.28	+25 41.0	1.771	2.701	8.4	21.5
1 6	4 32.83	+25 1.4	1.822	2.684	12.2	21.7
1 16	4 28.16	+24 25.7	1.894	2.667	15.6	21.9
33085	1997 WN_{56}	12	7.9	55.°67	0.°8/	7.9 18
11 7	5 29.01	+20 39.5	1.287	2.156	16.5	19.0
11 17	5 21.78	+20 45.2	1.250	2.180	11.6	18.8
11 27	5 11.81	+20 50.0	1.235	2.205	6.2	18.6
12 7	5 0.51	+20 53.7	1.246	2.230	0.9	18.3
12 17	4 49.50	+20 56.8	1.283	2.256	5.1	18.6
12 27	4 40.33	+21 1.1	1.348	2.281	10.1	19.0
1 6	4 34.04	+21 8.5	1.435	2.307	14.4	19.3
1 16	4 31.10	+21 20.6	1.543	2.333	17.8	19.6
482940	2014 JH_{61}	12	7.9	232.°85	6.°5/	5.9 18
11 7	5 23.70	+ 7 10.3	1.904	2.747	13.1	21.7
11 17	5 17.57	+ 6 5.5	1.835	2.741	10.1	21.5
11 27	5 9.50	+ 5 9.1	1.792	2.735	7.5	21.3
12 7	5 0.32	+ 4 26.0	1.775	2.728	6.5	21.2
12 17	4 51.04	+ 3 59.6	1.787	2.722	8.0	21.3
12 27	4 42.73	+ 3 51.9	1.825	2.715	10.8	21.5
1 6	4 36.24	+ 4 2.2	1.888	2.707	13.8	21.6
1 16	4 32.14	+ 4 28.5	1.970	2.700	16.4	21.8
300794	2007 VU_{323}	12	7.9	33.°25	3.°0/	7.5 17
11 7	5 24.70	+17 6.1	1.191	2.069	16.8	20.0
11 17	5 18.79	+16 40.8	1.157	2.091	12.0	19.7
11 27	5 10.22	+16 19.2	1.145	2.114	6.8	19.5
12 7	5 0.38	+16 3.6	1.157	2.138	3.1	19.4
12 17	4 50.82	+15 55.9	1.194	2.163	6.1	19.6
12 27	4 43.05	+15 57.9	1.257	2.189	10.8	20.0
1 6	4 38.06	+16 9.7	1.342	2.216	15.0	20.3
1 16	4 36.28	+16 30.5	1.447	2.243	18.4	20.6
385398	2002 VR_{30}	12	7.9	5.°26	3.°1/	8.1 18
11 7	5 23.70	+25 42.6	0.938	1.829	19.1	19.6
11 17	5 19.31	+26 43.9	0.888	1.828	13.9	19.3
11 27	5 11.09	+27 40.9	0.858	1.829	8.0	19.0
12 7	5 0.49	+28 27.8	0.849	1.831	3.2	18.8
12 17	4 49.63	+29 0.8	0.863	1.836	6.6	19.0
12 27	4 40.80	+29 20.6	0.899	1.843	12.4	19.3
1 6	4 35.63	+29 31.6	0.956	1.851	17.6	19.7
1 16	4 34.86	+29 38.5	1.030	1.861	21.9	20.0
337774	2001 UK_{165}	12	7.9	53.°31	3.°4/	8.2 18
11 7	5 32.86	+27 1.9	1.236	2.099	17.4	19.3
11 17	5 24.91	+28 15.1	1.199	2.124	12.6	19.1
11 27	5 13.68	+29 20.5	1.185	2.150	7.4	18.9
12 7	5 0.71	+30 12.0	1.196	2.176	3.5	18.7
12 17	4 47.92	+30 46.6	1.234	2.203	6.0	18.9
12 27	4 37.21	+31 6.1	1.298	2.229	10.7	19.3
1 6	4 29.85	+31 15.3	1.386	2.256	14.9	19.6
1 16	4 26.37	+31 19.6	1.493	2.283	18.3	19.9
129736	1998 YW_{21}	12	7.9	115.°68	2.°1/	8.5 18
11 7	5 32.56	+28 37.8	1.463	2.315	15.8	19.8
11 17	5 24.32	+28 32.4	1.410	2.331	11.4	19.6
11 27	5 13.24	+28 16.3	1.380	2.346	6.5	19.3
12 7	5 0.68	+27 48.4	1.377	2.360	2.2	19.1
12 17	4 48.31	+27 10.5	1.403	2.374	5.0	19.3
12 27	4 37.76	+26 27.4	1.456	2.387	9.7	19.6
1 6	4 30.17	+25 45.2	1.533	2.400	13.9	19.9
1 16	4 26.04	+25 8.7	1.632	2.412	17.4	20.2
413188	2002 TC_{310}	12	7.9	100.°03	2.°0/	8.3 17
11 7	5 24.89	+27 53.3	2.417	3.258	10.7	21.5
11 17	5 18.27	+28 26.5	2.351	3.265	7.8	21.3
11 27	5 9.84	+28 54.6	2.311	3.273	4.6	21.1
12 7	5 0.38	+29 15.8	2.300	3.280	2.0	20.9
12 17	4 50.82	+29 29.3	2.320	3.288	3.7	21.1
12 27	4 42.15	+29 35.9	2.370	3.295	6.8	21.3
1 6	4 35.19	+29 37.7	2.447	3.302	9.8	21.5
1 16	4 30.45	+29 37.4	2.548	3.309	12.3	21.7
256744	2008 BT_{22}	12	7.9	167.°00	2.°8/	8.7 18
11 7	5 26.63	+31 13.7	2.100	2.939	12.2	20.6
11 17	5 19.74	+31 24.5	2.029	2.941	9.0	20.4
11 27	5 10.70	+31 26.0	1.983	2.942	5.5	20.2
12 7	5 0.46	+31 16.6	1.966	2.944	2.9	20.0
12 17	4 50.15	+30 56.3	1.978	2.945	4.4	20.1
12 27	4 40.95	+30 27.8	2.019	2.946	7.8	20.3
1 6	4 33.81	+29 55.1	2.087	2.946	11.1	20.5
1 16	4 29.29	+29 22.5	2.178	2.947	13.9	20.7

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
440809	2006 QM_{83}	12	7.9	40.°27	1.°5/	8.3 18
	h m	° ′			°	m
11 7	5 26.28	+26 46.0	1.426	2.291	15.4	20.7
11 17	5 19.85	+26 45.1	1.381	2.309	11.0	20.5
11 27	5 10.82	+26 36.3	1.359	2.327	6.1	20.3
12 7	5 0.47	+26 19.1	1.363	2.347	1.6	20.0
12 17	4 50.30	+25 55.1	1.394	2.366	4.7	20.3
12 27	4 41.80	+25 28.0	1.451	2.387	9.4	20.6
1 6	4 35.97	+25 2.2	1.533	2.407	13.4	20.9
1 16	4 33.31	+24 41.1	1.635	2.429	16.8	21.2
43978	1997 GG_{17}	12	7.9	101.°63	2.°3/	7.4 18
11 7	5 25.61	+18 3.1	1.818	2.675	13.0	19.1
11 17	5 18.90	+17 27.1	1.762	2.686	9.3	18.9
11 27	5 10.18	+16 51.4	1.731	2.698	5.2	18.7
12 7	5 0.42	+16 18.2	1.728	2.710	2.3	18.5
12 17	4 50.74	+15 50.0	1.755	2.721	4.9	18.7
12 27	4 42.27	+15 29.2	1.809	2.732	8.8	19.0
1 6	4 35.87	+15 17.5	1.889	2.743	12.3	19.2
1 16	4 32.02	+15 15.2	1.991	2.753	15.3	19.4
360347	2001 UN_{148}	12	7.9	52.°53	1.°3/	8.2 18
11 7	5 25.92	+25 27.8	1.751	2.608	13.4	20.7
11 17	5 19.39	+25 45.3	1.693	2.617	9.6	20.5
11 27	5 10.56	+25 57.8	1.659	2.627	5.3	20.2
12 7	5 0.46	+26 4.1	1.653	2.637	1.4	20.0
12 17	4 50.33	+26 4.1	1.675	2.647	4.2	20.2
12 27	4 41.48	+25 59.6	1.726	2.658	8.4	20.5
1 6	4 34.88	+25 53.5	1.802	2.668	12.2	20.7
1 16	4 31.11	+25 48.7	1.899	2.679	15.3	21.0
193653	2001 DB_{42}	12	7.9	287.°51	1.°4/	7.6 18
11 7	5 22.87	+19 2.5	2.112	2.966	11.5	20.3
11 17	5 17.06	+18 51.5	2.025	2.949	8.2	20.1
11 27	5 9.30	+18 40.5	1.965	2.932	4.6	19.8
12 7	5 0.36	+18 30.2	1.932	2.916	1.4	19.5
12 17	4 51.17	+18 21.8	1.929	2.899	4.1	19.7
12 27	4 42.80	+18 16.8	1.956	2.882	8.0	19.9
1 6	4 36.15	+18 16.7	2.008	2.865	11.5	20.1
1 16	4 31.81	+18 22.6	2.083	2.848	14.6	20.3
139697	2001 QY_{222}	12	7.9	145.°66	1.°2/	7.8 18
11 7	5 25.05	+19 21.7	1.956	2.810	12.3	20.2
11 17	5 18.57	+19 19.2	1.889	2.813	8.8	20.0
11 27	5 10.07	+19 17.0	1.847	2.815	4.8	19.8
12 7	5 0.42	+19 15.2	1.834	2.818	1.2	19.5
12 17	4 50.70	+19 14.7	1.850	2.820	4.2	19.8
12 27	4 42.02	+19 16.6	1.895	2.822	8.1	20.0
1 6	4 35.27	+19 22.4	1.966	2.824	11.7	20.2
1 16	4 31.01	+19 32.9	2.060	2.826	14.7	20.4
423424	2005 PJ_{16}	12	7.9	175.°00	2.°7/	8.6 18
11 7	5 31.18	+30 27.9	2.047	2.881	12.7	22.0
11 17	5 22.99	+30 41.0	1.975	2.885	9.3	21.8
11 27	5 12.48	+30 44.8	1.928	2.888	5.6	21.6
12 7	5 0.65	+30 37.3	1.911	2.890	2.8	21.4
12 17	4 48.74	+30 18.4	1.924	2.891	4.5	21.5
12 27	4 38.06	+29 50.7	1.967	2.891	8.1	21.7
1 6	4 29.61	+29 18.9	2.037	2.890	11.5	22.0
1 16	4 24.00	+28 47.4	2.129	2.889	14.5	22.2
174653	2003 SC_{191}	12	7.9	336.°31	0.°4/	7.9 18
11 7	5 28.07	+24 1.1	1.317	2.185	16.2	19.7
11 17	5 21.47	+23 23.7	1.254	2.184	11.6	19.4
11 27	5 11.88	+22 38.8	1.213	2.183	6.3	19.1
12 7	5 0.60	+21 48.0	1.197	2.182	0.7	18.7
12 17	4 49.28	+20 55.2	1.209	2.181	5.3	19.0
12 27	4 39.62	+20 6.0	1.246	2.181	10.7	19.3
1 6	4 32.85	+19 25.6	1.307	2.180	15.4	19.6
1 16	4 29.59	+18 57.1	1.388	2.179	19.3	19.9
133911	2004 RU_{195}	12	7.9	117.°56	16.°4/	2.8 17
11 7	5 29.36	− 5 18.3	1.126	1.956	21.0	19.8
11 17	5 22.24	− 8 14.9	1.094	1.965	18.4	19.7
11 27	5 12.19	−10 40.8	1.082	1.973	16.7	19.6
12 7	5 0.63	−12 22.1	1.092	1.981	16.6	19.7
12 17	4 49.22	−13 11.4	1.122	1.989	17.9	19.8
12 27	4 39.65	−13 9.2	1.172	1.996	20.2	20.0
1 6	4 33.05	−12 23.6	1.238	2.003	22.6	20.2
1 16	4 29.95	−11 5.6	1.317	2.010	24.8	20.4
477309	2009 SB_{289}	12	7.9	16.°10	0.°4/	8.0 16
11 7	5 24.34	+22 31.7	0.980	1.869	18.6	21.2
11 17	5 19.39	+22 53.8	0.935	1.875	13.3	20.9
11 27	5 10.95	+23 13.8	0.909	1.882	7.2	20.6
12 7	5 0.53	+23 30.0	0.907	1.892	0.8	20.2
12 17	4 50.09	+23 41.6	0.928	1.902	5.8	20.6
12 27	4 41.67	+23 50.7	0.972	1.915	11.7	21.0
1 6	4 36.64	+24 0.1	1.037	1.928	16.8	21.3
1 16	4 35.60	+24 12.2	1.119	1.943	21.0	21.6

199880 2007 EP_{213} 12 7.9 106.°76 1.°1/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.14	+25 37.7	1.647	2.501	14.2	20.6
11 17	5 21.73	+25 44.2	1.591	2.514	10.2	20.4
11 27	5 11.83	+25 44.8	1.559	2.526	5.6	20.1
12 7	5 0.60	+25 38.2	1.554	2.539	1.3	19.9
12 17	4 49.42	+25 25.3	1.579	2.550	4.4	20.1
12 27	4 39.70	+25 8.6	1.631	2.562	8.9	20.4
1 6	4 32.47	+24 51.9	1.709	2.573	12.8	20.7
1 16	4 28.29	+24 38.4	1.808	2.584	16.1	20.9

399777 2005 NZ_{28} 12 7.9 180.°36 1.°9/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.33	+29 32.5	2.227	3.067	11.6	21.3
11 17	5 19.37	+29 24.1	2.154	3.068	8.4	21.1
11 27	5 10.46	+29 7.3	2.106	3.068	4.9	20.9
12 7	5 0.48	+28 41.5	2.087	3.068	2.0	20.7
12 17	4 50.46	+28 7.6	2.099	3.068	3.8	20.8
12 27	4 41.50	+27 28.7	2.140	3.068	7.3	21.0
1 6	4 34.44	+26 48.6	2.208	3.067	10.6	21.2
1 16	4 29.82	+26 11.1	2.300	3.065	13.4	21.4

295001 2008 EM_{39} 12 8.0 206.°14 0.°2/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.36	+24 33.0	1.860	2.708	13.1	21.2
11 17	5 21.83	+24 15.4	1.782	2.703	9.4	20.9
11 27	5 11.92	+23 51.9	1.729	2.697	5.1	20.7
12 7	5 0.63	+23 22.5	1.705	2.690	0.5	20.3
12 17	4 49.21	+22 48.9	1.711	2.683	4.2	20.6
12 27	4 38.97	+22 14.4	1.746	2.674	8.6	20.8
1 6	4 30.96	+21 42.9	1.808	2.665	12.6	21.1
1 16	4 25.80	+21 17.6	1.891	2.656	15.9	21.3

518232 2016 *US* 12 8.0 354.°76 2.°9/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.99	+17 11.2	1.042	1.931	17.8	20.1
11 17	5 17.66	+17 3.4	0.984	1.924	12.9	19.8
11 27	5 10.06	+17 0.0	0.947	1.918	7.3	19.5
12 7	5 0.47	+17 3.0	0.931	1.914	2.9	19.3
12 17	4 50.64	+17 13.4	0.940	1.912	6.6	19.5
12 27	4 42.45	+17 32.4	0.972	1.911	12.2	19.8
1 6	4 37.34	+18 0.4	1.024	1.912	17.4	20.1
1 16	4 36.04	+18 36.3	1.094	1.914	21.6	20.4

79323 1996 PM_7 12 8.0 72.°57 1.°0/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.72	+26 0.1	1.837	2.691	13.0	19.2
11 17	5 19.15	+25 54.8	1.777	2.700	9.3	19.0
11 27	5 10.41	+25 43.5	1.741	2.709	5.1	18.8
12 7	5 0.50	+25 25.7	1.733	2.717	1.1	18.5
12 17	4 50.61	+25 2.8	1.754	2.726	4.0	18.8
12 27	4 41.97	+24 37.5	1.804	2.735	8.1	19.0
1 6	4 35.49	+24 13.3	1.879	2.744	11.8	19.3
1 16	4 31.70	+23 53.1	1.976	2.753	14.9	19.5

261924 2006 KO_{99} 12 8.0 177.°86 2.°3/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 29.28	+18 35.0	1.609	2.466	14.4	21.0
11 17	5 21.87	+18 3.8	1.543	2.468	10.3	20.8
11 27	5 11.96	+17 32.2	1.502	2.469	5.8	20.5
12 7	5 0.65	+17 2.0	1.488	2.470	2.3	20.3
12 17	4 49.28	+16 35.7	1.502	2.470	5.3	20.5
12 27	4 39.27	+16 16.2	1.545	2.469	9.9	20.7
1 6	4 31.67	+16 5.9	1.613	2.468	14.0	21.0
1 16	4 27.10	+16 5.6	1.701	2.466	17.4	21.2

2112 Ulyanov 12 8.0 27.°07 0.°7/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.36	+23 8.3	1.085	1.966	17.9	14.9
11 17	5 20.51	+22 37.6	1.037	1.973	12.7	14.6
11 27	5 11.42	+22 1.2	1.009	1.981	6.9	14.3
12 7	5 0.60	+21 20.9	1.005	1.990	0.9	13.9
12 17	4 49.88	+20 40.7	1.026	1.999	5.7	14.3
12 27	4 41.12	+20 5.7	1.071	2.010	11.5	14.7
1 6	4 35.57	+19 40.2	1.138	2.021	16.4	15.0
1 16	4 33.76	+19 26.2	1.223	2.033	20.4	15.3

101675 1999 CO_{107} 12 8.0 274.°10 0.°1/ 8.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 22.78	+24 44.9	2.475	3.321	10.3	19.7
11 17	5 16.79	+24 17.5	2.383	3.303	7.4	19.5
11 27	5 9.09	+23 44.9	2.317	3.285	4.0	19.3
12 7	5 0.39	+23 7.7	2.281	3.266	0.4	18.9
12 17	4 51.53	+22 27.5	2.276	3.248	3.3	19.2
12 27	4 43.45	+21 47.0	2.301	3.229	6.9	19.4
1 6	4 36.91	+21 9.2	2.354	3.210	10.1	19.5
1 16	4 32.44	+20 36.7	2.430	3.191	12.9	19.7

474259 2001 SV_{307} 12 8.0 83.°63 0.°9/ 8.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.65	+24 59.1	1.524	2.380	15.1	21.7
11 17	5 22.77	+25 3.9	1.480	2.404	10.7	21.5
11 27	5 12.35	+25 2.8	1.459	2.427	5.8	21.3
12 7	5 0.68	+24 55.0	1.466	2.451	1.1	21.0
12 17	4 49.25	+24 41.4	1.501	2.474	4.5	21.3
12 27	4 39.50	+24 25.2	1.565	2.496	9.1	21.7
1 6	4 32.43	+24 9.9	1.653	2.518	13.1	22.0
1 16	4 28.54	+23 58.6	1.762	2.540	16.4	22.2

400600 2009 BT_{62} 12 8.0 298.°27 1.°3/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.93	+18 43.2	1.604	2.466	14.1	21.0
11 17	5 19.81	+18 57.3	1.523	2.450	10.2	20.7
11 27	5 11.05	+19 14.0	1.465	2.435	5.6	20.4
12 7	5 0.59	+19 32.6	1.435	2.419	1.3	20.1
12 17	4 49.73	+19 52.9	1.432	2.404	4.9	20.3
12 27	4 39.92	+20 15.3	1.457	2.388	9.7	20.5
1 6	4 32.41	+20 40.5	1.507	2.373	14.1	20.8
1 16	4 27.97	+21 9.4	1.577	2.359	17.8	21.0

43740 1981 EM_9 12 8.0 141.°50 0.°8/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.60	+26 3.4	1.707	2.556	14.0	19.5
11 17	5 22.69	+25 48.2	1.646	2.567	10.0	19.3
11 27	5 12.35	+25 25.6	1.610	2.578	5.5	19.0
12 7	5 0.71	+24 55.6	1.603	2.587	1.0	18.7
12 17	4 49.15	+24 19.9	1.624	2.596	4.3	19.0
12 27	4 39.07	+23 42.5	1.675	2.604	8.8	19.3
1 6	4 31.46	+23 7.7	1.751	2.612	12.7	19.6
1 16	4 26.87	+22 39.1	1.849	2.619	16.0	19.8

215755 2004 FF_{51} 12 8.0 261.°27 1.°1/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 26.05	+25 25.2	1.869	2.722	12.8	20.5
11 17	5 19.54	+25 38.9	1.796	2.719	9.2	20.3
11 27	5 10.73	+25 48.0	1.749	2.716	5.1	20.0
12 7	5 0.57	+25 51.1	1.729	2.713	1.3	19.7
12 17	4 50.24	+25 48.4	1.738	2.710	4.1	19.9
12 27	4 41.01	+25 41.3	1.776	2.707	8.3	20.2
1 6	4 33.90	+25 32.9	1.839	2.704	12.1	20.4
1 16	4 29.55	+25 26.1	1.925	2.700	15.3	20.6

296864 2009 WY_{261} 12 8.0 89.°08 0.°1/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 23.84	+22 12.5	2.293	3.142	10.9	20.5
11 17	5 17.47	+22 19.7	2.233	3.155	7.7	20.3
11 27	5 9.41	+22 25.1	2.199	3.167	4.1	20.1
12 7	5 0.44	+22 28.4	2.195	3.180	0.4	19.8
12 17	4 51.47	+22 29.8	2.221	3.192	3.4	20.1
12 27	4 43.44	+22 30.6	2.276	3.205	6.9	20.3
1 6	4 37.09	+22 32.2	2.359	3.217	10.0	20.5
1 16	4 32.90	+22 36.1	2.465	3.229	12.6	20.8

492870 2014 QG_{379} 12 8.0 85.°54 5.°1/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 21.97	+ 8 27.6	2.161	3.004	11.7	21.0
11 17	5 16.12	+ 7 45.4	2.106	3.014	8.9	20.8
11 27	5 8.66	+ 7 11.1	2.075	3.023	6.3	20.7
12 7	5 0.38	+ 6 47.6	2.073	3.033	5.1	20.6
12 17	4 52.11	+ 6 36.9	2.100	3.042	6.4	20.7
12 27	4 44.76	+ 6 39.8	2.154	3.051	9.0	20.9
1 6	4 39.01	+ 6 55.7	2.234	3.061	11.7	21.1
1 16	4 35.33	+ 7 22.9	2.335	3.070	14.0	21.3

220806 2004 TA_{242} 12 8.0 58.°10 4.°2/ 9.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 27.90	+34 29.5	1.889	2.725	13.5	19.9
11 17	5 20.69	+34 49.9	1.842	2.748	10.1	19.8
11 27	5 11.22	+34 57.4	1.820	2.772	6.7	19.6
12 7	5 0.61	+34 49.8	1.825	2.795	4.3	19.5
12 17	4 50.17	+34 27.5	1.858	2.819	5.3	19.6
12 27	4 41.18	+33 54.1	1.920	2.843	8.3	19.9
1 6	4 34.56	+33 14.7	2.007	2.867	11.4	20.1
1 16	4 30.79	+32 34.5	2.117	2.891	14.1	20.3

255141 2005 UE_{148} 12 8.0 81.°59 1.°2/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 25.11	+26 22.7	2.004	2.854	12.2	20.7
11 17	5 18.66	+26 26.5	1.938	2.859	8.8	20.5
11 27	5 10.16	+26 24.6	1.898	2.865	4.9	20.3
12 7	5 0.52	+26 16.3	1.886	2.870	1.3	20.1
12 17	4 50.85	+26 2.3	1.904	2.875	3.8	20.2
12 27	4 42.27	+25 44.6	1.950	2.881	7.7	20.5
1 6	4 35.69	+25 26.4	2.023	2.886	11.2	20.7
1 16	4 31.64	+25 10.4	2.118	2.891	14.1	20.9

63402 2001 KU_{24} 12 8.0 91.°07 2.°9/ 8.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 31.53	+28 20.7	1.493	2.346	15.5	19.1
11 17	5 23.75	+28 58.4	1.441	2.361	11.3	18.9
11 27	5 13.07	+29 27.7	1.413	2.376	6.6	18.6
12 7	5 0.80	+29 45.0	1.411	2.391	3.0	18.4
12 17	4 48.55	+29 49.5	1.437	2.406	5.3	18.6
12 27	4 37.98	+29 43.4	1.490	2.420	9.7	18.9
1 6	4 30.29	+29 31.7	1.568	2.434	13.7	19.2
1 16	4 26.06	+29 19.0	1.667	2.448	17.0	19.5

303509 2005 EF_{171} 12 8.0 297.°07 7.°3/10.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 30.21	+41 28.4	1.701	2.520	15.5	20.3
11 17	5 23.16	+41 51.9	1.622	2.509	12.5	20.1
11 27	5 12.94	+41 55.3	1.565	2.497	9.4	19.9
12 7	5 0.80	+41 33.6	1.534	2.486	7.4	19.7
12 17	4 48.44	+40 45.5	1.528	2.475	8.0	19.8
12 27	4 37.68	+39 35.5	1.550	2.463	10.7	19.9
1 6	4 29.88	+38 12.3	1.596	2.452	14.0	20.1
1 16	4 25.76	+36 45.3	1.663	2.442	17.1	20.2