14505 Barentine 12 5.9 258°.14 0°.0/ 5.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.31	+22 16.7	1.757	2.545	16.5	18.9
11 7	5 18.04	+22 21.8	1.657	2.529	13.2	18.7
11 17	5 10.69	+22 24.6	1.577	2.513	9.1	18.4
11 27	5 0.82	+22 24.2	1.522	2.497	4.5	18.1
12 7	4 49.51	+22 20.3	1.495	2.480	0.5	17.7
12 17	4 38.11	+22 13.5	1.497	2.463	5.6	18.1
12 27	4 28.09	+22 6.3	1.527	2.446	10.4	18.3
1 6	4 20.60	+22 1.8	1.581	2.428	14.6	18.5

250954 2006 CJ_8 12 5.9 142°.32 0°.7/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.79	+25 11.9	1.608	2.392	17.9	21.0
11 7	5 21.46	+25 6.2	1.532	2.402	14.2	20.7
11 17	5 12.83	+24 54.2	1.477	2.412	9.8	20.5
11 27	5 1.71	+24 34.7	1.447	2.421	4.9	20.2
12 7	4 49.43	+24 8.0	1.444	2.429	0.8	20.0
12 17	4 37.54	+23 36.3	1.470	2.436	5.7	20.3
12 27	4 27.51	+23 4.0	1.524	2.443	10.4	20.6
1 6	4 20.34	+22 35.8	1.602	2.450	14.5	20.9

410669 2008 ST_{219} 12 5.9 31°.50 7°.9/ 3.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 14.33	+ 3 58.2	1.942	2.723	15.3	20.6
11 7	5 10.80	+ 2 30.8	1.880	2.734	12.7	20.4
11 17	5 5.08	+ 1 11.6	1.840	2.745	10.2	20.3
11 27	4 57.82	+ 0 6.6	1.825	2.757	8.3	20.2
12 7	4 49.88	− 0 39.2	1.836	2.769	8.1	20.2
12 17	4 42.21	− 1 2.7	1.874	2.781	9.6	20.3
12 27	4 35.72	− 1 3.5	1.937	2.794	11.9	20.5
1 6	4 31.09	− 0 43.9	2.022	2.808	14.2	20.7

441240 2007 VK_{221} 12 5.9 66°.41 0°.0/ 5.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.62	+23 21.0	1.652	2.443	17.2	22.1
11 7	5 17.79	+23 12.0	1.592	2.467	13.5	22.0
11 17	5 10.05	+22 58.7	1.554	2.491	9.2	21.8
11 27	5 0.25	+22 40.8	1.540	2.515	4.4	21.5
12 7	4 49.62	+22 19.3	1.554	2.539	0.5	21.3
12 17	4 39.50	+21 56.4	1.597	2.563	5.3	21.7
12 27	4 31.13	+21 35.4	1.667	2.587	9.6	22.0
1 6	4 25.32	+21 19.2	1.761	2.611	13.3	22.3

295367 2008 HV_{51} 12 5.9 74°.77 3°.1/ 4.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.17	+16 28.4	2.098	2.882	14.2	21.1
11 7	5 13.62	+15 34.1	2.030	2.900	11.2	20.9
11 17	5 6.89	+14 39.2	1.985	2.918	7.8	20.8
11 27	4 58.66	+13 46.6	1.968	2.936	4.4	20.6
12 7	4 49.81	+12 59.3	1.979	2.954	3.2	20.6
12 17	4 41.30	+12 20.5	2.019	2.972	5.7	20.8
12 27	4 34.03	+11 52.5	2.089	2.990	9.0	21.0
1 6	4 28.66	+11 36.2	2.183	3.008	12.0	21.2

470006 2006 OG_{21} 12 5.9 75°.19 2°.8/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.18	+28 51.9	1.380	2.171	20.0	21.8
11 7	5 22.18	+29 7.9	1.322	2.194	15.9	21.6
11 17	5 13.46	+29 14.7	1.283	2.216	11.2	21.4
11 27	5 2.02	+29 9.0	1.268	2.238	6.1	21.1
12 7	4 49.44	+28 49.7	1.279	2.260	2.8	21.0
12 17	4 37.53	+28 19.1	1.317	2.282	6.3	21.3
12 27	4 27.92	+27 42.7	1.381	2.304	10.9	21.6
1 6	4 21.59	+27 7.0	1.469	2.325	15.0	21.9

6740 Goff 12 5.9 290°.65 1°.8/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.23	+23 28.9	1.743	2.529	16.7	17.2
11 7	5 18.94	+24 23.8	1.647	2.517	13.4	17.0
11 17	5 11.44	+25 20.1	1.571	2.506	9.4	16.7
11 27	5 1.27	+26 14.3	1.521	2.494	4.9	16.4
12 7	4 49.49	+27 2.7	1.499	2.483	1.8	16.2
12 17	4 37.52	+27 42.8	1.506	2.471	5.7	16.4
12 27	4 26.94	+28 14.6	1.541	2.460	10.3	16.7
1 6	4 18.98	+28 40.3	1.600	2.449	14.4	16.9

323306 2003 UU_{72} 12 6.0 154°.82 1°.6/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.51	+20 22.3	1.784	2.566	16.4	21.7
11 7	5 19.23	+19 53.8	1.704	2.574	13.0	21.5
11 17	5 11.10	+19 22.1	1.646	2.581	8.9	21.2
11 27	5 0.83	+18 48.3	1.614	2.588	4.4	21.0
12 7	4 49.57	+18 14.3	1.611	2.594	1.7	20.8
12 17	4 38.62	+17 42.9	1.637	2.599	5.7	21.1
12 27	4 29.23	+17 17.4	1.691	2.603	10.0	21.4
1 6	4 22.31	+17 0.5	1.770	2.607	13.8	21.6

140189 2001 SC_{213} 12 6.0 242°.17 4°.2/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.73	+33 18.8	2.146	2.904	14.8	20.4
11 7	5 18.04	+33 59.2	2.049	2.897	12.1	20.2
11 17	5 10.49	+34 32.1	1.974	2.889	9.0	20.0
11 27	5 0.67	+34 53.4	1.925	2.881	5.9	19.8
12 7	4 49.60	+35 0.2	1.903	2.873	4.2	19.7
12 17	4 38.53	+34 52.1	1.911	2.865	5.9	19.8
12 27	4 28.78	+34 31.4	1.947	2.856	9.1	19.9
1 6	4 21.38	+34 3.0	2.008	2.847	12.3	20.1

339112 2004 RQ_{221} 12 6.0 62°.41 1°.6/ 5.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.87	+23 58.7	1.494	2.292	18.4	20.2
11 7	5 18.20	+22 45.2	1.431	2.310	14.5	20.0
11 17	5 10.41	+21 22.6	1.388	2.328	9.8	19.8
11 27	5 0.45	+19 53.9	1.371	2.346	4.8	19.5
12 7	4 49.66	+18 24.4	1.381	2.365	1.8	19.4
12 17	4 39.51	+17 0.9	1.420	2.383	6.3	19.7
12 27	4 31.29	+15 49.6	1.486	2.402	10.9	20.0
1 6	4 25.81	+14 54.5	1.576	2.420	14.8	20.3

46008 2001 CY_{12} 12 6.0 187°.62 5°.4/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.02	+ 6 53.3	2.199	2.965	14.2	19.1
11 7	5 15.15	+ 6 26.7	2.113	2.965	11.6	18.9
11 17	5 8.08	+ 6 7.2	2.050	2.964	8.8	18.7
11 27	4 59.34	+ 5 57.8	2.013	2.963	6.2	18.6
12 7	4 49.77	+ 6 0.8	2.004	2.961	5.5	18.5
12 17	4 40.31	+ 6 17.3	2.024	2.959	7.2	18.6
12 27	4 31.92	+ 6 47.2	2.072	2.956	10.0	18.8
1 6	4 25.35	+ 7 29.0	2.146	2.953	12.8	19.0

260518 2005 EJ_{92} 12 6.0 232°.96 4°.1/ 5.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.71	+14 25.4	1.620	2.414	17.4	21.0
11 7	5 17.48	+13 48.5	1.532	2.407	14.0	20.7
11 17	5 10.22	+13 13.0	1.465	2.399	9.9	20.5
11 27	5 0.57	+12 41.8	1.422	2.391	5.9	20.2
12 7	4 49.63	+12 18.3	1.406	2.382	4.3	20.1
12 17	4 38.78	+12 5.2	1.418	2.373	7.5	20.3
12 27	4 29.41	+12 4.8	1.456	2.363	11.8	20.5
1 6	4 22.57	+12 17.5	1.518	2.354	15.8	20.7

20535 Marshburrows 12 6.0 260°.81 1°.7/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.16	+18 43.3	1.559	2.357	17.8	18.6
11 7	5 18.19	+18 39.2	1.467	2.345	14.2	18.3
11 17	5 10.94	+18 35.4	1.394	2.333	9.9	18.0
11 27	5 1.02	+18 32.2	1.346	2.321	5.0	17.7
12 7	4 49.58	+18 30.3	1.325	2.308	1.8	17.5
12 17	4 38.11	+18 30.9	1.331	2.295	6.4	17.7
12 27	4 28.18	+18 36.0	1.364	2.282	11.4	18.0
1 6	4 20.97	+18 47.5	1.420	2.269	15.8	18.2

210648 2000 HL_{75} 12 6.0 135°.33 3°.1/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.10	+14 29.2	2.380	3.153	13.1	20.8
11 7	5 14.16	+13 50.7	2.303	3.165	10.4	20.7
11 17	5 7.22	+13 13.2	2.249	3.177	7.3	20.5
11 27	4 58.85	+12 38.9	2.222	3.188	4.3	20.3
12 7	4 49.86	+12 10.0	2.225	3.199	3.2	20.3
12 17	4 41.08	+11 48.7	2.259	3.209	5.4	20.4
12 27	4 33.39	+11 36.4	2.321	3.219	8.4	20.6
1 6	4 27.40	+11 33.8	2.409	3.228	11.2	20.8

422501 2014 TJ_2 12 6.0 346°.86 0°.4/ 5.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.90	+21 59.6	1.975	2.768	14.7	21.4
11 7	5 12.43	+21 52.5	1.887	2.763	11.6	21.2
11 17	5 6.49	+21 42.6	1.821	2.759	8.0	21.0
11 27	4 58.66	+21 30.1	1.780	2.755	3.9	20.7
12 7	4 49.87	+21 15.6	1.767	2.751	0.6	20.5
12 17	4 41.19	+21 0.8	1.782	2.748	4.8	20.8
12 27	4 33.72	+20 47.8	1.826	2.746	8.9	21.0
1 6	4 28.31	+20 39.0	1.894	2.744	12.4	21.2

298024 2002 PF_{90} 12 6.0 76°.71 0°.5/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.59	+26 49.2	1.804	2.583	16.4	20.7
11 7	5 18.30	+26 15.5	1.741	2.608	12.9	20.5
11 17	5 10.27	+25 33.4	1.699	2.632	8.8	20.4
11 27	5 0.34	+24 43.3	1.683	2.657	4.3	20.1
12 7	4 49.71	+23 47.4	1.696	2.681	0.6	19.9
12 17	4 39.65	+22 49.5	1.738	2.704	4.9	20.3
12 27	4 31.29	+21 54.5	1.809	2.728	9.1	20.6
1 6	4 25.38	+21 6.7	1.906	2.751	12.6	20.8

90527 2004 FB_{15} 12 6.0 199°.18 0°.2/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.72	+23 35.8	1.985	2.761	15.2	21.1
11 7	5 18.61	+23 33.8	1.892	2.758	12.1	20.9
11 17	5 10.75	+23 27.9	1.821	2.754	8.4	20.7
11 27	5 0.76	+23 17.2	1.775	2.749	4.1	20.4
12 7	4 49.65	+23 1.8	1.759	2.744	0.5	20.1
12 17	4 38.65	+22 43.0	1.773	2.738	5.0	20.4
12 27	4 29.00	+22 23.7	1.816	2.732	9.2	20.7
1 6	4 21.64	+22 7.0	1.884	2.725	12.9	20.9

332803 2009 WP_{88} 12 6.0 1°.52 1°.5/ 5.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.07	+20 51.2	2.042	2.833	14.4	20.3
11 7	5 12.35	+20 13.3	1.957	2.832	11.3	20.1
11 17	5 6.29	+19 31.5	1.894	2.832	7.8	19.9
11 27	4 58.51	+18 47.4	1.858	2.832	3.9	19.7
12 7	4 49.91	+18 3.5	1.850	2.833	1.6	19.5
12 17	4 41.50	+17 22.6	1.871	2.833	5.1	19.7
12 27	4 34.29	+16 48.1	1.920	2.834	8.9	20.0
1 6	4 29.05	+16 22.2	1.994	2.836	12.3	20.2

99563 2002 FL_8 12 6.0 103°.50 0°.9/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.40	+26 18.2	1.792	2.575	16.4	19.8
11 7	5 17.69	+26 6.8	1.716	2.585	13.0	19.6
11 17	5 10.10	+25 48.4	1.661	2.595	9.0	19.4
11 27	5 0.39	+25 22.3	1.632	2.605	4.5	19.1
12 7	4 49.72	+24 49.0	1.630	2.615	1.0	18.9
12 17	4 39.39	+24 11.3	1.658	2.625	5.1	19.2
12 27	4 30.67	+23 33.1	1.714	2.634	9.4	19.5
1 6	4 24.44	+22 58.7	1.794	2.643	13.1	19.7

108829 2001 OC_{82} 12 6.0 75°.35 3°.3/ 6.9 18

10 28	5 24.52	+30 55.0	1.515	2.301	18.7	19.4
11 7	5 20.06	+31 6.7	1.446	2.313	15.1	19.2
11 17	5 12.07	+31 7.8	1.396	2.325	10.8	18.9
11 27	5 1.44	+30 54.9	1.369	2.337	6.2	18.7
12 7	4 49.60	+30 27.0	1.369	2.349	3.3	18.6
12 17	4 38.23	+29 46.3	1.397	2.361	6.2	18.8
12 27	4 28.90	+28 58.5	1.451	2.373	10.6	19.1
1 6	4 22.64	+28 10.5	1.529	2.385	14.5	19.3

439041 2011 FX_{81} 12 6.0 193°.11 0°.9/ 5.8 18

10 28	5 22.92	+20 39.1	1.948	2.728	15.4	22.3
11 7	5 17.95	+20 30.3	1.858	2.727	12.2	22.1
11 17	5 10.27	+20 19.4	1.790	2.725	8.4	21.8
11 27	5 0.52	+20 6.5	1.748	2.722	4.1	21.6
12 7	4 49.69	+19 52.4	1.734	2.719	1.1	21.3
12 17	4 39.00	+19 38.6	1.751	2.715	5.2	21.6
12 27	4 29.64	+19 27.4	1.796	2.710	9.4	21.9
1 6	4 22.53	+19 21.2	1.866	2.705	13.1	22.1

432732 2011 DK_{14} 12 6.0 162°.88 0°.6/ 6.2 18

10 28	5 24.51	+24 49.2	1.941	2.715	15.6	22.1
11 7	5 19.20	+24 46.6	1.857	2.721	12.4	21.9
11 17	5 11.10	+24 39.0	1.794	2.727	8.5	21.6
11 27	5 0.89	+24 25.4	1.758	2.731	4.2	21.4
12 7	4 49.67	+24 5.9	1.750	2.735	0.7	21.1
12 17	4 38.68	+23 42.0	1.773	2.738	4.9	21.4
12 27	4 29.16	+23 16.9	1.824	2.741	9.1	21.7
1 6	4 22.01	+22 54.4	1.901	2.742	12.8	21.9

520304 2014 FM_{75} 12 6.0 158°.31 1°.6/ 5.6 18

10 28	5 20.93	+17 59.3	2.306	3.079	13.5	22.6
11 7	5 15.81	+17 48.5	2.222	3.086	10.6	22.5
11 17	5 8.49	+17 37.5	2.160	3.092	7.3	22.3
11 27	4 59.55	+17 27.1	2.126	3.098	3.7	22.0
12 7	4 49.83	+17 18.1	2.121	3.103	1.7	21.9
12 17	4 40.28	+17 11.9	2.147	3.108	4.7	22.1
12 27	4 31.85	+17 9.8	2.203	3.112	8.2	22.4
1 6	4 25.26	+17 13.0	2.284	3.115	11.3	22.6

140124 2001 SA_{141} 12 6.0 55°.89 1°.7/ 5.5 18

10 28	5 18.71	+19 22.4	1.813	2.606	15.8	20.5
11 7	5 14.63	+18 59.8	1.740	2.616	12.5	20.3
11 17	5 7.93	+18 35.6	1.688	2.626	8.5	20.1
11 27	4 59.33	+18 11.0	1.662	2.636	4.3	19.9
12 7	4 49.86	+17 47.9	1.663	2.646	1.8	19.7
12 17	4 40.66	+17 28.5	1.693	2.657	5.5	20.0
12 27	4 32.89	+17 15.0	1.751	2.667	9.5	20.3
1 6	4 27.34	+17 9.3	1.833	2.678	13.1	20.5

159059 2004 TC_{146} 12 6.0 342°.90 1°.6/ 6.4 17

10 28	5 18.49	+26 42.6	2.052	2.833	14.6	20.4
11 7	5 14.49	+26 55.0	1.963	2.831	11.7	20.2
11 17	5 7.92	+27 2.4	1.896	2.829	8.1	20.0
11 27	4 59.39	+27 3.2	1.855	2.827	4.3	19.8
12 7	4 49.84	+26 56.8	1.842	2.825	1.6	19.6
12 17	4 40.41	+26 43.9	1.858	2.823	4.7	19.8
12 27	4 32.23	+26 27.0	1.902	2.822	8.6	20.0
1 6	4 26.20	+26 9.4	1.971	2.821	12.1	20.3

233552 2007 LC_{17} 12 6.0 263°.95 0°.2/ 5.9 18

10 28	5 21.98	+20 57.9	1.685	2.477	16.9	20.8
11 7	5 17.81	+21 15.0	1.595	2.470	13.5	20.6
11 17	5 10.55	+21 32.1	1.525	2.463	9.3	20.3
11 27	5 0.81	+21 48.0	1.481	2.456	4.6	20.0
12 7	4 49.69	+22 1.9	1.463	2.448	0.6	19.7
12 17	4 38.57	+22 13.6	1.475	2.441	5.6	20.0
12 27	4 28.92	+22 24.6	1.513	2.434	10.3	20.3
1 6	4 21.85	+22 36.9	1.576	2.427	14.5	20.5

487550 2014 VD_{13} 12 6.0 126°.08 0°.5/ 5.9 18

10 28	5 19.34	+19 25.6	2.530	3.301	12.5	21.2
11 7	5 14.46	+19 46.5	2.444	3.308	9.8	21.0
11 17	5 7.54	+20 8.0	2.382	3.314	6.7	20.8
11 27	4 59.10	+20 29.4	2.347	3.321	3.3	20.6
12 7	4 49.90	+20 50.4	2.342	3.327	0.6	20.4
12 17	4 40.80	+21 10.6	2.369	3.333	4.0	20.7
12 27	4 32.67	+21 30.5	2.425	3.339	7.3	20.9
1 6	4 26.21	+21 51.1	2.509	3.345	10.3	21.1

397335 2006 TN_{67} 12 6.0 88°.99 5°.8/ 4.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.59	+ 9 25.5	1.968	2.750	15.2	21.2
11 7	5 14.09	+ 8 17.2	1.903	2.765	12.2	21.0
11 17	5 7.33	+ 7 13.2	1.859	2.780	9.1	20.9
11 27	4 58.97	+ 6 18.3	1.842	2.795	6.5	20.8
12 7	4 49.93	+ 5 36.5	1.852	2.809	5.9	20.7
12 17	4 41.20	+ 5 10.6	1.891	2.824	7.8	20.9
12 27	4 33.75	+ 5 2.0	1.957	2.838	10.6	21.1
1 6	4 28.25	+ 5 9.6	2.046	2.852	13.4	21.3

448934 2011 WN_1 12 6.0 335°.75 0°.7/ 6.1 18

10 28	5 20.03	+22 34.1	1.751	2.543	16.3	20.8
11 7	5 16.17	+23 2.9	1.664	2.539	13.0	20.6
11 17	5 9.37	+23 31.2	1.597	2.534	9.0	20.3
11 27	5 0.21	+23 57.1	1.556	2.530	4.5	20.1
12 7	4 49.77	+24 18.9	1.542	2.527	0.8	19.8
12 17	4 39.37	+24 36.1	1.556	2.523	5.3	20.1
12 27	4 30.37	+24 49.9	1.598	2.520	9.8	20.4
1 6	4 23.84	+25 2.5	1.665	2.517	13.7	20.6

322096 2010 VM_{135} 12 6.0 85°.87 1°.3/ 5.6 18

10 28	5 18.39	+20 33.8	2.074	2.859	14.4	21.2
11 7	5 14.07	+20 6.3	1.995	2.866	11.3	21.0
11 17	5 7.42	+19 36.0	1.938	2.874	7.7	20.8
11 27	4 59.07	+19 4.0	1.907	2.881	3.8	20.6
12 7	4 49.93	+18 32.1	1.905	2.888	1.4	20.4
12 17	4 41.03	+18 2.8	1.933	2.896	4.9	20.7
12 27	4 33.38	+17 38.5	1.989	2.903	8.7	20.9
1 6	4 27.71	+17 21.4	2.071	2.910	12.0	21.1

114058 2002 VX_{22} 12 6.0 329°.20 0°.5/ 5.9 18

10 28	5 19.81	+23 24.7	1.407	2.215	18.8	19.7
11 7	5 16.60	+23 2.1	1.326	2.210	15.0	19.5
11 17	5 9.93	+22 33.0	1.263	2.205	10.4	19.2
11 27	5 0.55	+21 57.8	1.224	2.200	5.1	18.9
12 7	4 49.76	+21 18.2	1.211	2.196	0.8	18.6
12 17	4 39.17	+20 37.8	1.225	2.192	6.3	18.9
12 27	4 30.39	+20 1.5	1.264	2.188	11.5	19.2
1 6	4 24.55	+19 33.7	1.325	2.185	16.1	19.5

47277 1999 VL_{154} 12 6.0 135°.72 0°.9/ 6.2 18

10 28	5 26.45	+24 51.6	1.826	2.601	16.4	20.6
11 7	5 20.84	+25 2.2	1.750	2.615	13.0	20.4
11 17	5 12.28	+25 8.4	1.695	2.627	9.0	20.1
11 27	5 1.50	+25 8.5	1.667	2.639	4.5	19.9
12 7	4 49.68	+25 1.8	1.666	2.651	1.0	19.7
12 17	4 38.17	+24 49.2	1.696	2.661	5.1	20.0
12 27	4 28.30	+24 33.9	1.754	2.671	9.4	20.3
1 6	4 20.98	+24 19.3	1.837	2.681	13.1	20.5

319112 2005 XA_{15} 12 6.0 9°.54 4°.4/ 5.3 18

10 28	5 18.13	+13 44.9	1.333	2.148	19.3	20.1
11 7	5 15.14	+13 20.5	1.263	2.149	15.5	19.8
11 17	5 8.84	+13 0.4	1.211	2.151	11.0	19.6
11 27	4 59.98	+12 47.9	1.183	2.153	6.4	19.3
12 7	4 49.84	+12 45.7	1.179	2.156	4.5	19.2
12 17	4 39.94	+12 55.5	1.201	2.159	7.9	19.4
12 27	4 31.79	+13 18.0	1.247	2.164	12.4	19.7
1 6	4 26.47	+13 52.2	1.315	2.169	16.6	20.0

177856 2005 PN_{19} 12 6.0 121°.00 2°.0/ 6.6 18

10 28	5 20.88	+28 26.4	2.089	2.862	14.7	20.9
11 7	5 16.29	+28 37.6	2.005	2.867	11.7	20.7
11 17	5 9.09	+28 42.4	1.943	2.871	8.3	20.5
11 27	4 59.95	+28 38.8	1.907	2.876	4.5	20.3
12 7	4 49.85	+28 26.3	1.899	2.880	2.0	20.1
12 17	4 39.95	+28 5.7	1.920	2.885	4.8	20.3
12 27	4 31.39	+27 40.1	1.971	2.889	8.5	20.6
1 6	4 25.02	+27 13.4	2.047	2.893	11.8	20.8

199569 2006 ED_{57} 12 6.0 162°.04 3°.2/ 4.8 18

10 28	5 16.05	+12 48.3	2.718	3.489	11.7	21.4
11 7	5 11.62	+12 13.9	2.632	3.493	9.3	21.2
11 17	5 5.47	+11 41.4	2.571	3.496	6.6	21.1
11 27	4 58.06	+11 12.7	2.537	3.500	4.1	20.9
12 7	4 50.07	+10 50.0	2.532	3.503	3.3	20.9
12 17	4 42.20	+10 34.9	2.559	3.505	5.1	21.0
12 27	4 35.19	+10 28.4	2.614	3.507	7.8	21.2
1 6	4 29.62	+10 31.0	2.695	3.509	10.3	21.3

43416 2000 WA_{169} 12 6.0 211°.04 6°.1/ 4.7 18

10 28	5 19.75	+ 5 37.5	2.088	2.856	14.8	18.9
11 7	5 15.13	+ 5 4.8	2.001	2.852	12.2	18.7
11 17	5 8.20	+ 4 40.1	1.936	2.847	9.4	18.5
11 27	4 59.51	+ 4 27.0	1.896	2.842	6.9	18.4
12 7	4 49.91	+ 4 28.5	1.884	2.837	6.2	18.3
12 17	4 40.39	+ 4 45.8	1.900	2.831	7.9	18.4
12 27	4 31.97	+ 5 18.7	1.944	2.824	10.7	18.6
1 6	4 25.44	+ 6 5.4	2.013	2.818	13.6	18.8

470164 2006 UQ_{151} 12 6.0 91°.72 0°.7/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.00	+25 16.1	1.578	2.361	18.2	21.4
11 7	5 22.18	+25 9.7	1.519	2.388	14.4	21.2
11 17	5 13.15	+24 57.0	1.481	2.415	9.8	21.0
11 27	5 1.86	+24 37.0	1.467	2.441	4.8	20.8
12 7	4 49.68	+24 10.2	1.482	2.467	0.8	20.5
12 17	4 38.15	+23 39.3	1.525	2.492	5.5	20.9
12 27	4 28.62	+23 8.5	1.597	2.516	10.0	21.3
1 6	4 21.95	+22 42.0	1.692	2.540	13.8	21.6

32614 Hacegarcia 12 6.0 2°.78 5°.5/ 4.7 18

10 28	5 18.06	+13 14.6	1.383	2.195	18.9	18.9
11 7	5 14.93	+12 17.3	1.311	2.194	15.2	18.6
11 17	5 8.62	+11 21.9	1.258	2.194	11.0	18.4
11 27	4 59.85	+10 33.6	1.228	2.194	7.0	18.2
12 7	4 49.88	+ 9 57.4	1.223	2.195	5.7	18.1
12 17	4 40.16	+ 9 37.2	1.244	2.196	8.7	18.3
12 27	4 32.14	+ 9 35.3	1.290	2.198	12.9	18.5
1 6	4 26.83	+ 9 50.9	1.357	2.200	16.9	18.8

110971 2001 UM_{177} 12 6.0 59°.48 0°.1/ 6.1 18

10 28	5 19.33	+23 31.3	1.910	2.697	15.4	20.4
11 7	5 15.16	+23 25.1	1.830	2.702	12.1	20.2
11 17	5 8.36	+23 14.9	1.772	2.708	8.3	20.0
11 27	4 59.61	+23 0.4	1.739	2.714	4.1	19.7
12 7	4 49.92	+22 42.1	1.735	2.720	0.4	19.5
12 17	4 40.46	+22 21.7	1.759	2.726	4.9	19.8
12 27	4 32.37	+22 2.1	1.812	2.732	9.0	20.1
1 6	4 26.51	+21 46.1	1.890	2.738	12.5	20.3

336155 2008 RO_1 12 6.0 34°.27 2°.4/ 5.7 18

10 28	5 19.66	+17 53.6	1.203	2.024	20.6	20.4
11 7	5 16.49	+17 42.2	1.148	2.040	16.3	20.1
11 17	5 9.75	+17 32.1	1.112	2.056	11.2	19.9
11 27	5 0.37	+17 24.7	1.098	2.074	5.7	19.6
12 7	4 49.84	+17 21.3	1.109	2.092	2.5	19.5
12 17	4 39.85	+17 23.5	1.146	2.111	7.0	19.8
12 27	4 31.95	+17 33.0	1.206	2.131	12.0	20.2
1 6	4 27.12	+17 50.5	1.289	2.152	16.3	20.5

279813 2000 HS_{17} 12 6.0 242°.51 0°.0/ 6.0 18

10 28	5 22.31	+23 27.3	1.786	2.572	16.3	22.0
11 7	5 17.94	+23 22.1	1.690	2.562	13.0	21.7
11 17	5 10.58	+23 12.6	1.615	2.551	9.0	21.5
11 27	5 0.83	+22 58.2	1.566	2.540	4.4	21.2
12 7	4 49.78	+22 39.0	1.544	2.529	0.5	20.9
12 17	4 38.76	+22 16.6	1.551	2.517	5.4	21.2
12 27	4 29.16	+21 54.4	1.586	2.505	10.0	21.4
1 6	4 22.05	+21 35.9	1.645	2.493	14.1	21.7

283 Emma 12 6.0 58°.11 3°.1/ 7.1 18 A

10 28	5 20.45	+32 25.0	2.059	2.827	15.0	13.4
11 7	5 15.95	+32 30.5	1.985	2.840	12.1	13.2
11 17	5 8.82	+32 26.2	1.932	2.854	8.7	13.0
11 27	4 59.78	+32 9.9	1.904	2.868	5.2	12.8
12 7	4 49.91	+31 41.3	1.905	2.881	3.1	12.7
12 17	4 40.37	+31 2.2	1.934	2.895	5.1	12.9
12 27	4 32.31	+30 16.6	1.992	2.909	8.4	13.1
1 6	4 26.50	+29 29.5	2.075	2.924	11.6	13.3

230754 2003 WW_{163} 12 6.0 346°.62 0°.2/ 6.1 17

10 28	5 15.06	+22 49.5	1.747	2.549	16.0	20.7
11 7	5 12.26	+22 57.5	1.658	2.539	12.7	20.5
11 17	5 6.68	+23 3.1	1.590	2.530	8.8	20.2
11 27	4 58.92	+23 5.5	1.547	2.522	4.3	19.9
12 7	4 49.98	+23 4.6	1.530	2.515	0.5	19.6
12 17	4 41.10	+23 1.3	1.541	2.509	5.2	20.0
12 27	4 33.55	+22 57.6	1.579	2.504	9.6	20.2
1 6	4 28.30	+22 56.0	1.641	2.500	13.6	20.4

516607 2007 LD_{22} 12 6.0 114°.42 4°.5/ 3.9 18

10 28	5 16.54	+ 7 19.4	3.025	3.781	10.9	22.6
11 7	5 11.65	+ 6 23.3	2.959	3.803	8.9	22.5
11 17	5 5.28	+ 5 31.6	2.916	3.825	6.7	22.3
11 27	4 57.90	+ 4 47.0	2.903	3.846	5.0	22.3
12 7	4 50.12	+ 4 12.0	2.919	3.866	4.6	22.3
12 17	4 42.55	+ 3 48.4	2.965	3.886	5.9	22.4
12 27	4 35.80	+ 3 37.0	3.041	3.905	7.8	22.5
1 6	4 30.34	+ 3 37.4	3.142	3.924	9.7	22.7

475129 2005 UN_{307} 12 6.0 63°.59 1°.1/ 6.3 18

10 28	5 24.55	+25 0.3	1.411	2.209	19.3	21.5
11 7	5 19.98	+25 9.0	1.353	2.230	15.2	21.3
11 17	5 11.94	+25 12.2	1.314	2.252	10.5	21.1
11 27	5 1.38	+25 8.2	1.299	2.273	5.2	20.9
12 7	4 49.75	+24 56.7	1.311	2.295	1.1	20.7
12 17	4 38.69	+24 39.5	1.349	2.317	5.8	21.0
12 27	4 29.71	+24 20.6	1.415	2.339	10.6	21.4
1 6	4 23.75	+24 4.1	1.503	2.360	14.7	21.7

108339 2001 KD_5 12 6.0 176°.85 0°.5/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.71	+23 27.9	1.863	2.641	16.0	20.8
11 7	5 19.58	+23 39.6	1.776	2.643	12.7	20.6
11 17	5 11.54	+23 48.4	1.711	2.644	8.8	20.4
11 27	5 1.23	+23 52.8	1.672	2.645	4.3	20.1
12 7	4 49.75	+23 52.1	1.661	2.646	0.7	19.8
12 17	4 38.42	+23 46.9	1.680	2.646	5.1	20.2
12 27	4 28.55	+23 39.6	1.727	2.645	9.5	20.4
1 6	4 21.14	+23 33.3	1.800	2.643	13.3	20.7

209696 2005 EP_{31} 12 6.0 273°.06 0°.3/ 5.9 18

10 28	5 20.14	+21 35.6	1.831	2.621	15.8	21.2
11 7	5 16.10	+21 38.0	1.739	2.613	12.6	20.9
11 17	5 9.23	+21 38.6	1.668	2.605	8.7	20.7
11 27	5 0.15	+21 36.8	1.622	2.597	4.3	20.4
12 7	4 49.86	+21 32.7	1.604	2.589	0.6	20.1
12 17	4 39.62	+21 27.4	1.615	2.581	5.2	20.4
12 27	4 30.71	+21 22.9	1.653	2.573	9.7	20.7
1 6	4 24.13	+21 21.6	1.716	2.565	13.6	20.9

220710 2004 SK_8 12 6.0 24°.60 2°.0/ 5.5 18

10 28	5 17.08	+17 42.3	1.870	2.665	15.4	20.1
11 7	5 13.35	+17 28.0	1.793	2.669	12.1	19.9
11 17	5 7.11	+17 14.1	1.737	2.674	8.4	19.7
11 27	4 59.01	+17 1.7	1.707	2.680	4.3	19.5
12 7	4 50.00	+16 52.1	1.704	2.686	2.1	19.4
12 17	4 41.19	+16 47.0	1.730	2.692	5.5	19.6
12 27	4 33.68	+16 47.8	1.783	2.698	9.4	19.8
1 6	4 28.27	+16 55.5	1.861	2.705	12.9	20.1

29476 Kvíčala 12 6.0 33°.39 3°.5/ 6.6 18

10 28	5 22.25	+28 44.4	1.703	2.487	17.0	18.5
11 7	5 18.11	+29 36.7	1.627	2.494	13.7	18.3
11 17	5 10.78	+30 24.1	1.571	2.500	9.8	18.1
11 27	5 0.94	+31 2.3	1.540	2.507	5.8	17.9
12 7	4 49.79	+31 27.8	1.537	2.514	3.5	17.8
12 17	4 38.80	+31 39.8	1.561	2.522	6.1	18.0
12 27	4 29.45	+31 40.4	1.612	2.530	10.0	18.2
1 6	4 22.83	+31 34.1	1.687	2.539	13.7	18.4

460777 2014 WM_{16} 12 6.0 203°.22 1°.0/ 6.4 18

10 28	5 18.00	+26 20.3	2.779	3.543	11.6	21.8
11 7	5 13.37	+26 22.9	2.681	3.540	9.2	21.6
11 17	5 6.80	+26 21.2	2.607	3.536	6.4	21.4
11 27	4 58.78	+26 14.3	2.561	3.532	3.3	21.2
12 7	4 50.03	+26 2.2	2.544	3.528	1.0	21.0
12 17	4 41.36	+25 45.7	2.559	3.523	3.7	21.2
12 27	4 33.60	+25 26.7	2.603	3.519	6.8	21.4
1 6	4 27.42	+25 7.7	2.675	3.514	9.6	21.6

270683 2002 QG_{38} 12 6.0 56°.26 7°.9/ 8.9 17

10 28	5 25.61	+45 4.0	2.209	2.925	15.6	20.3
11 7	5 20.54	+46 4.8	2.141	2.942	13.4	20.2
11 17	5 12.27	+46 50.8	2.093	2.959	11.0	20.0
11 27	5 1.58	+47 16.0	2.069	2.976	9.0	20.0
12 7	4 49.73	+47 16.7	2.070	2.993	7.9	19.9
12 17	4 38.22	+46 52.9	2.098	3.011	8.4	20.0
12 27	4 28.49	+46 8.7	2.152	3.028	10.1	20.1
1 6	4 21.51	+45 11.1	2.231	3.046	12.1	20.3

265209 2004 BL_{118} 12 6.0 257°.99 0°.7/ 5.9 18

10 28	5 23.16	+20 9.2	1.704	2.493	16.9	20.3
11 7	5 18.86	+20 20.3	1.605	2.478	13.5	20.1
11 17	5 11.41	+20 31.6	1.525	2.462	9.4	19.8
11 27	5 1.34	+20 42.5	1.471	2.446	4.6	19.5
12 7	4 49.74	+20 52.4	1.444	2.429	0.9	19.2
12 17	4 38.01	+21 1.5	1.446	2.412	5.8	19.5
12 27	4 27.65	+21 11.3	1.476	2.395	10.7	19.7
1 6	4 19.87	+21 23.8	1.529	2.377	15.0	19.9

369605 2011 CL_{51} 12 6.0 124°.63 3°.5/ 7.3 17

10 28	5 20.46	+34 18.5	2.502	3.252	13.1	21.3
11 7	5 15.64	+34 35.0	2.416	3.258	10.7	21.2
11 17	5 8.49	+34 42.5	2.352	3.264	7.9	21.0
11 27	4 59.63	+34 38.7	2.314	3.270	5.1	20.8
12 7	4 49.95	+34 22.4	2.305	3.276	3.5	20.7
12 17	4 40.47	+33 54.4	2.326	3.281	4.9	20.8
12 27	4 32.19	+33 17.7	2.376	3.287	7.6	21.0
1 6	4 25.86	+32 36.6	2.453	3.292	10.4	21.2

359861 2011 VL_2 12 6.0 2°.39 0°.3/ 5.9 16

10 28	5 21.81	+27 14.7	1.791	2.574	16.4	19.8
11 7	5 17.23	+26 3.9	1.704	2.574	13.0	19.6
11 17	5 9.81	+24 40.3	1.638	2.574	8.9	19.3
11 27	5 0.30	+23 5.6	1.599	2.574	4.3	19.1
12 7	4 49.89	+21 24.0	1.589	2.574	0.6	18.8
12 17	4 39.86	+19 42.0	1.609	2.574	5.4	19.1
12 27	4 31.43	+18 7.0	1.658	2.575	9.9	19.4
1 6	4 25.45	+16 44.8	1.733	2.576	13.8	19.6

324142 2005 YF_{92} 12 6.0 238°.14 2°.2/ 5.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.47	+15 58.8	2.417	3.194	12.8	21.7
11 7	5 13.15	+15 47.8	2.321	3.187	10.2	21.5
11 17	5 6.77	+15 38.0	2.247	3.179	7.1	21.3
11 27	4 58.82	+15 30.4	2.201	3.172	3.9	21.1
12 7	4 50.05	+15 26.2	2.184	3.164	2.3	21.0
12 17	4 41.32	+15 26.4	2.198	3.156	4.9	21.1
12 27	4 33.53	+15 32.1	2.240	3.148	8.2	21.3
1 6	4 27.40	+15 43.9	2.308	3.139	11.2	21.5

85408 1996 TB_{55} 12 6.0 23°.24 3°.6/ 4.7 18

10 28	5 16.41	+19 23.9	1.409	2.225	18.4	18.4
11 7	5 13.40	+18 3.0	1.347	2.236	14.5	18.2
11 17	5 7.35	+16 37.2	1.306	2.249	10.0	18.0
11 27	4 59.14	+15 11.3	1.289	2.262	5.5	17.8
12 7	4 50.03	+13 51.6	1.298	2.277	3.8	17.7
12 17	4 41.40	+12 44.4	1.334	2.292	7.3	18.0
12 27	4 34.53	+11 54.3	1.395	2.309	11.6	18.3
1 6	4 30.24	+11 22.9	1.479	2.326	15.5	18.5

339070 2004 PN_{107} 12 6.0 83°.20 5°.0/ 3.9 17

10 28	5 28.58	+24 1.5	1.045	1.862	23.4	19.6
11 7	5 24.00	+21 24.0	0.980	1.870	18.6	19.3
11 17	5 15.07	+18 25.2	0.933	1.877	12.8	19.0
11 27	5 2.97	+15 14.5	0.911	1.884	7.0	18.7
12 7	4 49.64	+12 7.8	0.915	1.892	5.5	18.6
12 17	4 37.20	+ 9 22.9	0.945	1.899	10.4	18.9
12 27	4 27.50	+ 7 13.4	1.001	1.906	15.9	19.3
1 6	4 21.56	+ 5 43.6	1.076	1.914	20.7	19.6

283442 2000 WO_{84} 12 6.0 346°.94 2°.6/ 6.5 18

10 28	5 20.77	+27 21.1	1.522	2.319	18.2	20.0
11 7	5 17.35	+27 51.3	1.440	2.316	14.6	19.7
11 17	5 10.50	+28 16.3	1.378	2.313	10.3	19.5
11 27	5 0.91	+28 32.6	1.339	2.310	5.7	19.2
12 7	4 49.83	+28 38.1	1.326	2.308	2.6	19.0
12 17	4 38.86	+28 32.5	1.340	2.306	6.1	19.2
12 27	4 29.64	+28 19.2	1.381	2.305	10.8	19.5
1 6	4 23.33	+28 2.9	1.444	2.304	15.0	19.7

335613 2006 FM_{9} 12 6.0 257°.14 7°.7/ 9.3 18

10 28	5 28.87	+50 17.3	2.933	3.599	13.0	21.3
11 7	5 22.81	+50 55.0	2.819	3.576	11.5	21.1
11 17	5 13.76	+51 18.6	2.724	3.554	9.9	21.0
11 27	5 2.36	+51 22.5	2.653	3.530	8.5	20.8
12 7	4 49.69	+51 2.9	2.609	3.506	7.7	20.8
12 17	4 37.09	+50 18.8	2.592	3.482	8.0	20.7
12 27	4 25.93	+49 13.2	2.603	3.457	9.3	20.8
1 6	4 17.24	+47 52.2	2.640	3.432	11.1	20.9

39224 2000 YR_{21} 12 6.1 85°.12 4°.0/ 6.7 18

10 28	5 28.84	+30 10.9	1.798	2.563	17.0	18.7
11 7	5 22.98	+31 14.1	1.734	2.588	13.6	18.5
11 17	5 13.90	+32 10.9	1.691	2.612	9.8	18.4
11 27	5 2.38	+32 56.0	1.674	2.635	6.0	18.2
12 7	4 49.71	+33 25.7	1.685	2.659	4.0	18.1
12 17	4 37.41	+33 39.1	1.725	2.682	6.2	18.3
12 27	4 26.92	+33 38.9	1.794	2.704	9.7	18.6
1 6	4 19.24	+33 30.3	1.887	2.727	13.0	18.8

129831 1999 RQ_{7} 12 6.1 136°.02 1°.2/ 6.4 18

10 28	5 23.44	+26 1.1	2.059	2.830	14.9	21.0
11 7	5 18.23	+26 10.2	1.979	2.841	11.8	20.8
11 17	5 10.39	+26 14.3	1.920	2.851	8.2	20.6
11 27	5 0.61	+26 12.0	1.889	2.860	4.2	20.3
12 7	4 49.90	+26 2.7	1.886	2.870	1.3	20.1
12 17	4 39.43	+25 47.4	1.913	2.878	4.7	20.4
12 27	4 30.35	+25 29.0	1.969	2.886	8.5	20.7
1 6	4 23.51	+25 10.7	2.051	2.894	11.9	20.9

93805 2000 WT_{50} 12 6.1 1°.88 0°.9/ 6.3 18

10 28	5 18.28	+25 2.5	1.884	2.673	15.5	19.7
11 7	5 14.53	+25 8.4	1.800	2.672	12.3	19.4
11 17	5 8.08	+25 9.8	1.737	2.672	8.5	19.2
11 27	4 59.57	+25 5.7	1.699	2.672	4.3	19.0
12 7	4 50.02	+24 55.8	1.688	2.673	1.0	18.7
12 17	4 40.62	+24 41.3	1.707	2.674	4.9	19.0
12 27	4 32.57	+24 24.9	1.753	2.675	9.1	19.3
1 6	4 26.78	+24 9.8	1.824	2.677	12.7	19.5

233653 Rether 12 6.1 93°.59 10°.7/ 1.9 18

10 28	5 15.83	−10 42.6	2.453	3.164	14.3	20.6
11 7	5 11.57	−12 16.9	2.401	3.177	12.8	20.5
11 17	5 5.49	−13 35.5	2.371	3.191	11.5	20.4
11 27	4 58.12	−14 32.5	2.364	3.204	10.8	20.4
12 7	4 50.19	−15 3.8	2.380	3.217	10.8	20.4
12 17	4 42.48	−15 7.8	2.421	3.230	11.5	20.5
12 27	4 35.74	−14 45.5	2.484	3.242	12.7	20.6
1 6	4 30.56	−14 0.5	2.568	3.255	14.0	20.7

56635 2000 KR_{12} 12 6.1 29°.85 0°.7/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.13	+23 21.2	1.178	2.000	21.0	18.6
11 7	5 17.24	+23 35.6	1.121	2.012	16.6	18.4
11 17	5 10.51	+23 46.3	1.081	2.025	11.4	18.1
11 27	5 0.88	+23 51.8	1.064	2.040	5.6	17.8
12 7	4 49.91	+23 51.4	1.070	2.055	0.8	17.5
12 17	4 39.44	+23 46.4	1.102	2.071	6.5	18.0
12 27	4 31.19	+23 40.1	1.159	2.089	11.8	18.3
1 6	4 26.24	+23 36.4	1.237	2.107	16.3	18.7

288170 2003 WP_{161} 12 6.1 38°.71 4°.4/ 5.6 18

10 28	5 19.83	+12 16.5	1.407	2.213	18.9	20.1
11 7	5 16.09	+12 5.6	1.349	2.229	15.1	19.9
11 17	5 9.24	+12 1.5	1.310	2.246	10.7	19.7
11 27	5 0.12	+12 6.7	1.295	2.263	6.3	19.5
12 7	4 50.00	+12 22.3	1.305	2.281	4.4	19.5
12 17	4 40.28	+12 48.8	1.342	2.300	7.4	19.7
12 27	4 32.33	+13 25.4	1.405	2.319	11.5	20.0
1 6	4 27.05	+14 10.5	1.490	2.338	15.3	20.3

249548 2010 HT_{107} 12 6.1 91°.02 3°.4/ 6.6 18

10 28	5 27.31	+29 6.0	1.953	2.717	15.9	20.1
11 7	5 21.54	+30 4.1	1.884	2.738	12.7	19.9
11 17	5 12.81	+30 56.9	1.837	2.759	9.1	19.7
11 27	5 1.86	+31 40.1	1.816	2.780	5.4	19.6
12 7	4 49.82	+32 10.5	1.825	2.801	3.4	19.5
12 17	4 38.06	+32 27.0	1.863	2.821	5.6	19.7
12 27	4 27.90	+32 31.8	1.930	2.841	9.1	19.9
1 6	4 20.29	+32 29.1	2.022	2.860	12.3	20.1

334675 2003 AG_{57} 12 6.1 343°.88 5°.4/ 7.3 18

10 28	5 22.29	+33 43.2	1.414	2.204	19.6	19.9
11 7	5 19.11	+34 18.7	1.334	2.200	16.1	19.6
11 17	5 12.02	+34 42.6	1.272	2.197	12.0	19.4
11 27	5 1.77	+34 49.3	1.233	2.194	7.8	19.1
12 7	4 49.82	+34 35.0	1.218	2.191	5.4	19.0
12 17	4 38.06	+34 0.3	1.229	2.189	7.6	19.1
12 27	4 28.39	+33 10.8	1.265	2.187	11.8	19.3
1 6	4 22.11	+32 15.3	1.324	2.186	16.0	19.6

396522 2014 GP_{27} 12 6.1 139°.60 1°.1/ 5.7 18

10 28	5 21.08	+20 7.6	2.242	3.016	13.8	22.3
11 7	5 16.02	+19 53.9	2.161	3.027	10.8	22.2
11 17	5 8.71	+19 38.4	2.104	3.037	7.4	22.0
11 27	4 59.76	+19 21.8	2.073	3.046	3.7	21.7
12 7	4 50.06	+19 4.9	2.072	3.055	1.2	21.6
12 17	4 40.57	+18 49.3	2.101	3.064	4.6	21.8
12 27	4 32.26	+18 37.0	2.159	3.072	8.2	22.1
1 6	4 25.87	+18 29.7	2.244	3.079	11.3	22.3

260370 2004 VN 12 6.1 3°.52 0°.3/ 5.9 18

10 28	5 13.76	+21 16.6	2.282	3.070	13.1	19.4
11 7	5 10.43	+21 20.1	2.197	3.071	10.3	19.2
11 17	5 5.00	+21 22.4	2.134	3.072	7.1	19.0
11 27	4 58.01	+21 23.2	2.098	3.073	3.4	18.8
12 7	4 50.24	+21 22.9	2.091	3.075	0.5	18.5
12 17	4 42.57	+21 22.3	2.112	3.078	4.2	18.8
12 27	4 35.92	+21 22.7	2.162	3.082	7.7	19.1
1 6	4 31.00	+21 25.6	2.238	3.086	10.9	19.3

225717 2001 RX_{32} 12 6.1 61°.26 4°.7/ 5.1 18

10 28	5 21.25	+14 0.2	1.403	2.208	19.0	20.1
11 7	5 17.18	+13 15.6	1.343	2.224	15.1	19.9
11 17	5 9.97	+12 34.0	1.304	2.240	10.7	19.7
11 27	5 0.47	+11 59.3	1.288	2.256	6.4	19.5
12 7	4 49.99	+11 35.1	1.298	2.272	4.8	19.5
12 17	4 39.99	+11 24.2	1.334	2.289	7.8	19.7
12 27	4 31.80	+11 27.7	1.396	2.305	12.0	20.0
1 6	4 26.33	+11 45.1	1.480	2.322	15.8	20.2

355329 2007 TY_{54} 12 6.1 37°.49 0°.5/ 6.2 17

10 28	5 19.97	+24 41.1	1.538	2.338	17.9	21.6
11 7	5 16.29	+24 35.8	1.468	2.348	14.1	21.4
11 17	5 9.46	+24 24.8	1.419	2.358	9.7	21.2
11 27	5 0.28	+24 7.5	1.393	2.368	4.8	20.9
12 7	4 50.01	+23 44.6	1.394	2.379	0.7	20.6
12 17	4 40.11	+23 18.3	1.423	2.390	5.5	21.0
12 27	4 31.95	+22 52.5	1.478	2.402	10.2	21.3
1 6	4 26.49	+22 30.9	1.556	2.414	14.2	21.6

266866 2009 UX_{138} 12 6.1 3°.93 0°.3/ 5.9 17

10 28	5 17.87	+21 32.5	2.151	2.934	14.0	20.6
11 7	5 13.80	+21 35.1	2.064	2.934	11.0	20.4
11 17	5 7.39	+21 36.1	1.999	2.934	7.6	20.2
11 27	4 59.21	+21 35.1	1.960	2.934	3.7	19.9
12 7	4 50.13	+21 32.4	1.950	2.935	0.5	19.7
12 17	4 41.17	+21 28.8	1.969	2.935	4.5	20.0
12 27	4 33.34	+21 26.0	2.018	2.936	8.3	20.2
1 6	4 27.45	+21 25.7	2.091	2.937	11.6	20.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
261489 2005 WT_1		12 6.1 28°.29 9°.0/ 5.7 18				
	h m	° ′			°	m
10 28	5 18.50	− 0 36.5	1.612	2.387	18.2	19.5
11 7	5 14.61	− 1 1.2	1.552	2.399	15.3	19.3
11 17	5 8.04	− 1 8.9	1.511	2.411	12.3	19.1
11 27	4 59.52	− 0 54.5	1.493	2.424	9.9	19.0
12 7	4 50.11	− 0 15.8	1.500	2.437	9.0	19.0
12 17	4 41.01	+ 0 46.7	1.532	2.452	10.4	19.1
12 27	4 33.38	+ 2 9.4	1.590	2.467	12.9	19.3
1 6	4 28.04	+ 3 46.5	1.670	2.482	15.6	19.5
154885 2004 RJ_{149}		12 6.1 80°.77 0°.4/ 5.9 18				
10 28	5 18.94	+21 34.6	2.146	2.927	14.1	20.3
11 7	5 14.53	+21 34.1	2.067	2.936	11.1	20.1
11 17	5 7.80	+21 31.6	2.010	2.945	7.6	19.9
11 27	4 59.37	+21 27.1	1.980	2.954	3.7	19.7
12 7	4 50.12	+21 20.8	1.979	2.963	0.6	19.4
12 17	4 41.08	+21 13.8	2.007	2.972	4.5	19.8
12 27	4 33.23	+21 7.9	2.064	2.982	8.2	20.0
1 6	4 27.34	+21 4.9	2.147	2.991	11.4	20.2
226401 2003 QV_{46}		12 6.1 87°.25 3°.8/ 7.7 17				
10 28	5 22.84	+35 49.8	2.340	3.086	14.0	20.6
11 7	5 17.52	+35 55.5	2.267	3.106	11.4	20.4
11 17	5 9.76	+35 49.9	2.216	3.125	8.5	20.3
11 27	5 0.26	+35 30.9	2.190	3.144	5.5	20.1
12 7	4 50.04	+34 57.8	2.193	3.163	3.8	20.1
12 17	4 40.21	+34 12.3	2.226	3.181	5.1	20.2
12 27	4 31.81	+33 18.7	2.289	3.199	7.9	20.4
1 6	4 25.57	+32 22.1	2.378	3.218	10.6	20.6
467558 2007 TN_{191}		12 6.1 82°.94 1°.9/ 5.6 16				
10 28	5 27.22	+20 16.3	1.332	2.132	20.1	21.6
11 7	5 21.98	+19 45.2	1.278	2.157	15.8	21.4
11 17	5 13.25	+19 11.5	1.243	2.182	10.8	21.1
11 27	5 2.04	+18 36.5	1.232	2.207	5.4	20.9
12 7	4 49.88	+18 2.8	1.248	2.231	2.1	20.8
12 17	4 38.43	+17 33.8	1.291	2.255	6.6	21.1
12 27	4 29.17	+17 13.2	1.360	2.278	11.5	21.5
1 6	4 23.01	+17 3.0	1.452	2.301	15.6	21.8
487834 2015 TN_{77}		12 6.1 119°.09 1°.3/ 5.7 18				
10 28	5 19.25	+20 1.5	2.125	2.906	14.2	21.7
11 7	5 14.76	+19 42.7	2.044	2.913	11.2	21.5
11 17	5 7.95	+19 22.0	1.985	2.920	7.7	21.3
11 27	4 59.44	+19 0.2	1.953	2.926	3.8	21.0
12 7	4 50.13	+18 38.7	1.949	2.933	1.4	20.9
12 17	4 41.03	+18 19.2	1.976	2.939	4.8	21.1
12 27	4 33.13	+18 3.9	2.031	2.945	8.5	21.4
1 6	4 27.18	+17 54.6	2.112	2.951	11.8	21.6
352261 2007 TY_{213}		12 6.1 117°.66 2°.2/ 5.3 18				
10 28	5 20.73	+19 22.3	1.957	2.741	15.1	21.0
11 7	5 16.02	+18 36.4	1.880	2.751	11.9	20.8
11 17	5 8.83	+17 47.4	1.826	2.761	8.2	20.6
11 27	4 59.87	+16 57.5	1.798	2.770	4.3	20.4
12 7	4 50.11	+16 9.5	1.798	2.779	2.3	20.3
12 17	4 40.65	+15 26.9	1.829	2.788	5.5	20.5
12 27	4 32.55	+14 52.8	1.887	2.797	9.3	20.7
1 6	4 26.57	+14 29.2	1.971	2.805	12.7	21.0
444005 2004 BA_{65}		12 6.1 323°.00 6°.8/ 8.3 17				
10 28	5 22.76	+39 42.7	1.720	2.479	17.9	20.9
11 7	5 19.06	+40 11.5	1.630	2.470	15.0	20.7
11 17	5 11.76	+40 25.0	1.559	2.462	11.8	20.4
11 27	5 1.59	+40 17.2	1.511	2.455	8.6	20.2
12 7	4 49.91	+39 44.5	1.489	2.447	6.8	20.1
12 17	4 38.44	+38 47.8	1.493	2.440	8.0	20.2
12 27	4 28.87	+37 33.0	1.523	2.434	11.1	20.3
1 6	4 22.40	+36 9.3	1.577	2.428	14.5	20.5
9655 Yaburanger		12 6.1 344°.16 2°.9/ 5.6 18				
10 28	5 19.74	+16 22.7	1.410	2.219	18.8	17.2
11 7	5 16.45	+16 10.5	1.331	2.215	15.0	17.0
11 17	5 9.85	+16 0.4	1.272	2.212	10.5	16.7
11 27	5 0.63	+15 54.3	1.236	2.210	5.6	16.4
12 7	4 50.03	+15 53.7	1.226	2.208	3.0	16.3
12 17	4 39.57	+16 0.1	1.243	2.206	7.0	16.5
12 27	4 30.79	+16 14.8	1.284	2.204	11.8	16.8
1 6	4 24.81	+16 38.4	1.348	2.203	16.2	17.0
108033 2001 FQ_{153}		12 6.1 165°.09 3°.8/ 5.2 18				
10 28	5 23.14	+13 25.7	1.865	2.645	15.9	21.1
11 7	5 18.10	+12 58.5	1.784	2.650	12.7	20.9
11 17	5 10.40	+12 34.1	1.725	2.654	9.1	20.7
11 27	5 0.71	+12 15.0	1.692	2.658	5.4	20.5
12 7	4 50.04	+12 3.3	1.686	2.661	3.9	20.4
12 17	4 39.57	+12 0.8	1.711	2.663	6.6	20.6
12 27	4 30.46	+12 8.7	1.763	2.665	10.3	20.8
1 6	4 23.58	+12 27.0	1.839	2.666	13.8	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
195168 2002 CB_{237}		12 6.1 248°.16 1°.2/ 6.3 18				
	h m	° ′			°	m
10 28	5 22.59	+24 18.7	1.782	2.567	16.4	20.3
11 7	5 18.26	+24 42.6	1.691	2.561	13.1	20.0
11 17	5 10.90	+25 3.9	1.621	2.555	9.1	19.8
11 27	5 1.12	+25 20.7	1.576	2.549	4.6	19.5
12 7	4 49.99	+25 31.3	1.559	2.543	1.2	19.3
12 17	4 38.88	+25 35.5	1.571	2.537	5.3	19.5
12 27	4 29.20	+25 35.4	1.610	2.531	9.8	19.8
1 6	4 22.05	+25 34.0	1.674	2.524	13.8	20.0
109653 2001 RS_7		12 6.1 344°.17 3°.0/ 6.9 18 R				
10 28	5 22.42	+30 44.3	1.498	2.289	18.7	19.4
11 7	5 18.72	+30 45.7	1.417	2.288	15.1	19.2
11 17	5 11.46	+30 35.8	1.355	2.286	10.8	18.9
11 27	5 1.41	+30 11.6	1.316	2.285	6.2	18.7
12 7	4 49.96	+29 32.3	1.303	2.283	3.0	18.5
12 17	4 38.78	+28 40.5	1.317	2.283	6.2	18.7
12 27	4 29.53	+27 42.5	1.357	2.282	10.9	18.9
1 6	4 23.33	+26 45.6	1.421	2.281	15.2	19.2
353927 1992 ED_2		12 6.1 289°.90 8°.6/ 3.5 17				
10 28	5 17.40	+ 3 4.2	1.826	2.604	16.3	21.2
11 7	5 13.88	+ 1 57.2	1.730	2.581	13.8	20.9
11 17	5 7.75	+ 0 57.9	1.654	2.559	11.1	20.7
11 27	4 59.55	+ 0 12.9	1.602	2.536	9.1	20.6
12 7	4 50.15	− 0 12.2	1.576	2.513	8.8	20.5
12 17	4 40.66	− 0 13.6	1.576	2.490	10.5	20.5
12 27	4 32.27	+ 0 9.8	1.600	2.467	13.4	20.7
1 6	4 25.95	+ 0 55.5	1.647	2.444	16.5	20.8
169644 2002 JH_{29}		12 6.1 243°.92 1°.3/ 6.3 18				
10 28	5 24.79	+24 14.4	1.567	2.357	18.0	20.9
11 7	5 20.53	+24 41.7	1.476	2.349	14.5	20.6
11 17	5 12.78	+25 6.9	1.405	2.340	10.1	20.3
11 27	5 2.15	+25 27.3	1.358	2.331	5.2	20.0
12 7	4 49.88	+25 40.5	1.338	2.322	1.4	19.8
12 17	4 37.55	+25 46.1	1.346	2.312	6.0	20.0
12 27	4 26.87	+25 46.3	1.381	2.303	11.0	20.3
1 6	4 19.12	+25 44.8	1.439	2.292	15.5	20.5
480118 2015 FG_{90}		12 6.1 176°.12 1°.7/ 6.6 17				
10 28	5 26.23	+28 16.9	1.962	2.728	15.7	22.3
11 7	5 20.71	+28 14.7	1.873	2.731	12.6	22.1
11 17	5 12.29	+28 4.8	1.806	2.734	8.8	21.9
11 27	5 1.67	+27 45.3	1.765	2.735	4.7	21.6
12 7	4 49.96	+27 15.8	1.753	2.736	1.7	21.4
12 17	4 38.47	+26 38.3	1.771	2.736	5.0	21.6
12 27	4 28.52	+25 56.8	1.818	2.735	9.1	21.9
1 6	4 21.03	+25 16.2	1.891	2.733	12.8	22.1
284238 2006 DL_{166}		12 6.1 87°.54 5°.3/ 4.9 18				
10 28	5 20.03	+10 27.3	1.709	2.499	16.8	20.1
11 7	5 15.79	+ 9 48.7	1.638	2.507	13.5	19.9
11 17	5 8.88	+ 9 15.5	1.588	2.514	9.9	19.7
11 27	4 59.97	+ 8 51.5	1.562	2.522	6.5	19.6
12 7	4 50.13	+ 8 39.7	1.563	2.530	5.4	19.5
12 17	4 40.55	+ 8 42.0	1.592	2.538	7.7	19.7
12 27	4 32.40	+ 8 59.0	1.647	2.545	11.2	19.9
1 6	4 26.52	+ 9 29.2	1.726	2.553	14.5	20.1
26538 2000 DG_7		12 6.1 3°.26 9°.4/ 4.9 18				
10 28	5 16.43	+ 1 45.8	1.471	2.264	18.9	17.3
11 7	5 13.43	+ 0 59.5	1.403	2.263	15.9	17.1
11 17	5 7.53	+ 0 27.8	1.353	2.263	12.7	16.9
11 27	4 59.41	+ 0 17.1	1.326	2.264	10.1	16.7
12 7	4 50.19	+ 0 31.7	1.322	2.265	9.4	16.7
12 17	4 41.16	+ 1 13.0	1.343	2.268	11.1	16.8
12 27	4 33.63	+ 2 18.4	1.388	2.271	14.0	17.0
1 6	4 28.54	+ 3 42.7	1.454	2.276	17.1	17.2
190013 2004 NW_{12}		12 6.1 118°.15 3°.8/ 5.4 18				
10 28	5 22.30	+13 10.8	1.726	2.513	16.7	20.3
11 7	5 17.61	+12 54.8	1.652	2.522	13.4	20.1
11 17	5 10.15	+12 43.2	1.599	2.531	9.5	19.9
11 27	5 0.61	+12 37.9	1.571	2.539	5.5	19.7
12 7	4 50.07	+12 40.6	1.571	2.547	3.8	19.6
12 17	4 39.78	+12 52.3	1.599	2.555	6.7	19.8
12 27	4 30.95	+13 13.4	1.655	2.563	10.6	20.0
1 6	4 24.49	+13 43.5	1.735	2.570	14.1	20.2
236393 2006 DH_{37}		12 6.1 70°.02 6°.7/ 8.3 18				
10 28	5 34.47	+39 36.7	1.797	2.532	18.0	20.0
11 7	5 27.41	+40 29.5	1.750	2.575	14.9	19.9
11 17	5 16.82	+41 6.9	1.724	2.616	11.5	19.8
11 27	5 3.74	+41 22.5	1.721	2.658	8.4	19.7
12 7	4 49.77	+41 13.3	1.746	2.698	6.7	19.7
12 17	4 36.64	+40 41.0	1.800	2.738	7.7	19.8
12 27	4 25.85	+39 51.8	1.880	2.777	10.1	20.0
1 6	4 18.27	+38 54.2	1.986	2.815	12.8	20.3

517522 2014 QZ_{452} 12 6.1 8°.35 0°.8/ 5.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 16.18	+20 36.0	1.919	2.713	15.0	21.2
11 7	5 12.73	+20 31.4	1.838	2.715	11.9	21.0
11 17	5 6.79	+20 25.2	1.778	2.717	8.1	20.8
11 27	4 58.98	+20 18.0	1.744	2.719	4.0	20.5
12 7	4 50.24	+20 10.3	1.738	2.722	1.0	20.3
12 17	4 41.66	+20 3.4	1.760	2.726	4.9	20.6
12 27	4 34.33	+19 59.2	1.810	2.730	8.9	20.9
1 6	4 29.08	+19 59.5	1.885	2.735	12.5	21.1

490062 2008 TL_{97} 12 6.1 153°.98 5°.0/ 7.8 17

10 28	5 21.74	+38 13.9	2.516	3.253	13.4	21.9
11 7	5 16.91	+38 47.7	2.427	3.255	11.1	21.8
11 17	5 9.56	+39 11.3	2.360	3.257	8.6	21.6
11 27	5 0.32	+39 21.1	2.318	3.258	6.2	21.5
12 7	4 50.11	+39 14.9	2.304	3.260	5.0	21.4
12 17	4 40.03	+38 52.9	2.319	3.261	5.9	21.5
12 27	4 31.20	+38 17.8	2.362	3.262	8.2	21.6
1 6	4 24.47	+37 34.4	2.432	3.264	10.7	21.8

273609 2007 DF_{2} 12 6.1 335°.79 1°.9/ 6.3 18

10 28	5 22.56	+24 29.5	1.432	2.233	18.9	20.4
11 7	5 19.02	+25 10.2	1.350	2.229	15.2	20.1
11 17	5 11.86	+25 49.5	1.288	2.225	10.6	19.9
11 27	5 1.74	+26 23.9	1.248	2.222	5.5	19.6
12 7	4 49.95	+26 50.3	1.235	2.219	2.0	19.3
12 17	4 38.19	+27 7.3	1.249	2.216	6.3	19.6
12 27	4 28.23	+27 16.8	1.289	2.214	11.4	19.9
1 6	4 21.37	+27 22.5	1.351	2.212	15.8	20.1

202587 2006 GN_{31} 12 6.1 40°.61 7°.8/ 6.9 17

10 28	5 28.74	+40 19.7	2.161	2.889	15.5	19.9
11 7	5 23.38	+42 9.6	2.084	2.898	13.2	19.8
11 17	5 14.64	+43 50.5	2.029	2.907	10.7	19.6
11 27	5 3.07	+45 14.5	1.999	2.917	8.6	19.5
12 7	4 49.82	+46 15.1	1.997	2.926	7.8	19.5
12 17	4 36.43	+46 49.2	2.023	2.936	8.6	19.6
12 27	4 24.57	+46 58.7	2.076	2.946	10.6	19.7
1 6	4 15.51	+46 49.6	2.153	2.956	12.9	19.9

273535 2007 BQ_{36} 12 6.1 335°.60 0°.9/ 5.9 18

10 28	5 19.26	+19 21.3	1.285	2.102	19.8	20.6
11 7	5 16.64	+19 36.7	1.204	2.093	15.8	20.3
11 17	5 10.36	+19 54.0	1.141	2.085	11.0	20.0
11 27	5 1.06	+20 12.9	1.101	2.077	5.5	19.6
12 7	4 50.04	+20 32.4	1.085	2.070	1.1	19.3
12 17	4 39.02	+20 52.4	1.095	2.064	6.7	19.7
12 27	4 29.81	+21 14.0	1.130	2.058	12.2	20.0
1 6	4 23.74	+21 38.7	1.187	2.053	17.1	20.2

127699 2003 EC_{24} 12 6.1 159°.28 0°.3/ 6.0 18

10 28	5 23.53	+21 53.0	1.973	2.750	15.3	20.6
11 7	5 18.43	+21 54.8	1.889	2.756	12.1	20.4
11 17	5 10.67	+21 54.4	1.827	2.761	8.3	20.2
11 27	5 0.87	+21 51.2	1.791	2.766	4.1	19.9
12 7	4 50.08	+21 45.2	1.785	2.770	0.5	19.7
12 17	4 39.47	+21 37.4	1.808	2.773	4.9	20.0
12 27	4 30.22	+21 30.1	1.860	2.776	9.0	20.3
1 6	4 23.22	+21 25.6	1.937	2.779	12.6	20.5

74186 1998 RJ_{40} 12 6.1 318°.05 4°.5/ 5.4 18

10 28	5 20.13	+12 59.6	1.448	2.252	18.6	18.4
11 7	5 16.66	+12 38.2	1.367	2.247	15.0	18.2
11 17	5 9.96	+12 21.7	1.306	2.242	10.7	17.9
11 27	5 0.71	+12 13.1	1.268	2.237	6.4	17.7
12 7	4 50.10	+12 14.8	1.256	2.232	4.6	17.5
12 17	4 39.57	+12 28.5	1.270	2.228	7.8	17.7
12 27	4 30.65	+12 54.6	1.310	2.224	12.3	18.0
1 6	4 24.43	+13 32.3	1.372	2.220	16.4	18.2

229266 2005 AC_{36} 12 6.1 302°.79 5°.1/ 4.8 17

10 28	5 16.08	+ 7 37.7	2.282	3.056	13.5	20.0
11 7	5 12.14	+ 7 9.9	2.194	3.052	11.0	19.8
11 17	5 6.15	+ 6 48.3	2.129	3.047	8.3	19.6
11 27	4 58.63	+ 6 36.0	2.090	3.042	5.9	19.5
12 7	4 50.32	+ 6 35.1	2.079	3.038	5.1	19.4
12 17	4 42.08	+ 6 46.9	2.096	3.033	6.8	19.5
12 27	4 34.80	+ 7 11.6	2.141	3.029	9.5	19.7
1 6	4 29.18	+ 7 48.0	2.211	3.024	12.3	19.9

268460 2005 WY_{120} 12 6.1 336°.60 1°.1/ 5.8 18

10 28	5 15.86	+21 36.8	1.245	2.071	19.8	20.5
11 7	5 14.06	+21 20.3	1.163	2.057	15.9	20.2
11 17	5 8.63	+20 59.4	1.098	2.044	11.0	19.8
11 27	5 0.22	+20 34.9	1.056	2.033	5.5	19.5
12 7	4 50.15	+20 8.6	1.037	2.022	1.3	19.2
12 17	4 40.13	+19 43.6	1.044	2.013	6.9	19.5
12 27	4 31.93	+19 24.1	1.075	2.004	12.5	19.8
1 6	4 26.85	+19 13.6	1.126	1.997	17.5	20.1

224417 2005 UL_{358} 12 6.1 149°.14 1°.6/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.46	+20 34.2	1.727	2.516	16.7	21.1
11 7	5 17.88	+20 5.2	1.647	2.520	13.2	20.9
11 17	5 10.42	+19 32.8	1.588	2.525	9.1	20.6
11 27	5 0.79	+18 58.1	1.554	2.529	4.5	20.4
12 7	4 50.12	+18 23.4	1.549	2.532	1.7	20.2
12 17	4 39.70	+17 51.4	1.572	2.536	5.7	20.5
12 27	4 30.83	+17 25.5	1.623	2.539	10.1	20.7
1 6	4 24.41	+17 8.4	1.698	2.541	14.0	21.0

75386 1999 XZ_{92} 12 6.1 118°.81 3°.7/ 5.6 18

10 28	5 22.34	+11 2.1	2.046	2.819	14.9	19.2
11 7	5 17.18	+11 2.2	1.971	2.831	12.0	19.1
11 17	5 9.62	+11 8.3	1.917	2.843	8.5	18.9
11 27	5 0.31	+11 21.9	1.890	2.854	5.2	18.7
12 7	4 50.17	+11 43.7	1.892	2.866	3.7	18.6
12 17	4 40.23	+12 13.5	1.924	2.876	6.0	18.8
12 27	4 31.53	+12 51.0	1.985	2.887	9.4	19.0
1 6	4 24.84	+13 35.0	2.071	2.897	12.5	19.2

520563 2014 NK_{18} 12 6.1 251°.30 3°.2/ 5.3 18

10 28	5 19.63	+14 48.1	1.952	2.738	15.1	21.9
11 7	5 15.45	+14 26.0	1.858	2.728	12.1	21.7
11 17	5 8.71	+14 5.6	1.785	2.718	8.6	21.4
11 27	4 59.99	+13 48.9	1.739	2.708	4.9	21.2
12 7	4 50.19	+13 37.9	1.720	2.697	3.3	21.1
12 17	4 40.42	+13 34.3	1.730	2.686	6.1	21.2
12 27	4 31.82	+13 39.5	1.768	2.675	10.0	21.4
1 6	4 25.30	+13 54.2	1.830	2.664	13.5	21.6

147693 Piccioni 12 6.1 105°.79 1°.4/ 5.7 18

10 28	5 24.91	+21 2.4	1.637	2.425	17.5	20.1
11 7	5 19.76	+20 32.9	1.570	2.443	13.8	19.9
11 17	5 11.61	+19 59.9	1.523	2.460	9.4	19.7
11 27	5 1.31	+19 24.4	1.502	2.477	4.6	19.5
12 7	4 50.08	+18 48.6	1.509	2.493	1.6	19.3
12 17	4 39.32	+18 15.6	1.545	2.509	5.8	19.6
12 27	4 30.30	+17 48.8	1.608	2.524	10.2	19.9
1 6	4 23.90	+17 30.9	1.696	2.539	14.0	20.2

228419 2001 OV_{65} 12 6.1 62°.98 7°.6/ 8.9 18

10 28	5 33.34	+40 57.0	1.417	2.173	21.2	19.6
11 7	5 27.40	+41 29.9	1.370	2.206	17.6	19.4
11 17	5 17.20	+41 42.8	1.340	2.240	13.6	19.3
11 27	5 4.02	+41 28.7	1.333	2.273	9.8	19.1
12 7	4 49.83	+40 45.2	1.350	2.307	7.7	19.1
12 17	4 36.74	+39 36.1	1.394	2.340	8.6	19.3
12 27	4 26.52	+38 11.0	1.464	2.373	11.6	19.5
1 6	4 20.06	+36 41.3	1.558	2.405	14.8	19.8

460674 2014 UB_{164} 12 6.1 286°.21 2°.1/ 5.2 18

10 28	5 16.64	+18 42.2	2.430	3.209	12.7	20.9
11 7	5 12.66	+17 57.6	2.318	3.186	10.1	20.7
11 17	5 6.58	+17 9.6	2.229	3.163	7.0	20.5
11 27	4 58.89	+16 20.0	2.168	3.139	3.8	20.2
12 7	4 50.32	+15 31.2	2.135	3.115	2.3	20.1
12 17	4 41.73	+14 46.2	2.134	3.091	5.0	20.2
12 27	4 34.03	+14 8.0	2.161	3.067	8.5	20.4
1 6	4 27.98	+13 39.0	2.214	3.043	11.7	20.6

517799 2015 PU_{304} 12 6.1 71°.83 0°.5/ 5.9 18

10 28	5 21.58	+20 45.5	1.777	2.565	16.3	21.6
11 7	5 17.07	+20 52.0	1.706	2.579	12.8	21.4
11 17	5 9.79	+20 57.4	1.656	2.593	8.8	21.2
11 27	5 0.46	+21 1.3	1.632	2.607	4.3	20.9
12 7	4 50.18	+21 3.7	1.636	2.621	0.7	20.7
12 17	4 40.18	+21 5.4	1.669	2.635	5.1	21.0
12 27	4 31.69	+21 8.1	1.729	2.649	9.3	21.3
1 6	4 25.56	+21 13.6	1.814	2.662	13.0	21.6

216492 1999 XU_{141} 12 6.1 285°.24 7°.6/ 5.4 18

10 28	5 24.99	+ 0 14.8	2.078	2.821	15.7	20.0
11 7	5 19.78	+ 0 7.7	1.958	2.787	13.3	19.8
11 17	5 11.88	+ 0 14.3	1.858	2.751	10.7	19.5
11 27	5 1.69	+ 0 39.6	1.783	2.716	8.4	19.3
12 7	4 50.03	+ 1 26.4	1.737	2.679	7.6	19.2
12 17	4 37.99	+ 2 35.5	1.720	2.642	9.2	19.2
12 27	4 26.83	+ 4 5.0	1.731	2.605	12.2	19.3
1 6	4 17.61	+ 5 50.4	1.769	2.567	15.5	19.4

187954 2001 OV_{9} 12 6.1 68°.76 0°.0/ 5.9 18

10 28	5 25.16	+22 29.1	1.431	2.229	19.1	20.6
11 7	5 20.39	+22 34.0	1.374	2.252	15.0	20.4
11 17	5 12.26	+22 35.8	1.336	2.274	10.3	20.2
11 27	5 1.67	+22 33.7	1.322	2.297	5.0	19.9
12 7	4 50.07	+22 27.5	1.335	2.320	0.5	19.7
12 17	4 39.01	+22 18.8	1.375	2.342	5.8	20.1
12 27	4 29.97	+22 10.6	1.442	2.365	10.6	20.4
1 6	4 23.86	+22 5.8	1.533	2.387	14.6	20.7

505309 2012 XO_{47} 12 6.1 222°.18 4°.4/ 7.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 30.54	+37 10.9	1.206	1.990	22.7	21.2
11 7	5 26.13	+36 27.2	1.126	1.989	18.7	20.9
11 17	5 17.00	+35 17.6	1.062	1.987	13.8	20.6
11 27	5 4.22	+33 36.9	1.021	1.985	8.4	20.3
12 7	4 49.81	+31 26.1	1.004	1.983	4.4	20.1
12 17	4 36.13	+28 54.9	1.014	1.981	7.5	20.3
12 27	4 25.33	+26 19.3	1.051	1.979	13.0	20.6
1 6	4 18.63	+23 55.4	1.111	1.976	18.1	20.8

446467 2014 JZ_{74} 12 6.1 221°.73 0°.3/ 6.2 18

10 28	5 21.62	+24 11.6	2.100	2.875	14.5	22.2
11 7	5 16.95	+24 5.5	2.003	2.868	11.6	22.0
11 17	5 9.71	+23 55.0	1.928	2.861	8.0	21.8
11 27	5 0.47	+23 39.4	1.879	2.853	4.0	21.5
12 7	4 50.18	+23 19.0	1.859	2.844	0.5	21.2
12 17	4 39.96	+22 55.3	1.870	2.836	4.7	21.5
12 27	4 30.96	+22 31.1	1.909	2.826	8.7	21.8
1 6	4 24.07	+22 9.6	1.974	2.817	12.3	22.0

327105 2005 AT_{55} 12 6.1 36°.10 4°.1/ 5.2 18

10 28	5 16.77	+10 48.7	2.118	2.900	14.2	20.1
11 7	5 12.79	+10 28.9	2.040	2.905	11.4	20.0
11 17	5 6.64	+10 14.2	1.983	2.910	8.2	19.8
11 27	4 58.89	+10 6.7	1.953	2.915	5.3	19.6
12 7	4 50.36	+10 8.4	1.951	2.921	4.2	19.6
12 17	4 41.98	+10 20.1	1.978	2.926	6.2	19.7
12 27	4 34.69	+10 42.2	2.032	2.932	9.3	19.9
1 6	4 29.20	+11 13.7	2.111	2.938	12.3	20.1

351101 2003 UU_{263} 12 6.1 22°.97 3°.5/ 5.5 17

10 28	5 17.42	+15 33.4	1.289	2.109	19.6	20.7
11 7	5 14.63	+15 14.1	1.229	2.118	15.6	20.4
11 17	5 8.54	+14 57.9	1.188	2.129	10.9	20.2
11 27	4 59.97	+14 47.4	1.169	2.141	6.0	20.0
12 7	4 50.25	+14 44.7	1.175	2.155	3.6	19.9
12 17	4 40.93	+14 51.3	1.206	2.169	7.2	20.1
12 27	4 33.44	+15 8.0	1.263	2.184	11.9	20.4
1 6	4 28.78	+15 34.5	1.341	2.200	16.0	20.7

51057 2000 GT_{140} 12 6.1 352°.19 1°.7/ 6.3 18

10 28	5 17.24	+24 10.3	1.376	2.190	18.9	17.8
11 7	5 14.91	+24 45.6	1.296	2.183	15.1	17.5
11 17	5 9.10	+25 19.1	1.236	2.177	10.6	17.2
11 27	5 0.43	+25 48.2	1.198	2.172	5.5	16.9
12 7	4 50.19	+26 10.5	1.185	2.169	1.7	16.7
12 17	4 39.99	+26 25.1	1.198	2.166	6.2	17.0
12 27	4 31.53	+26 33.8	1.236	2.165	11.3	17.2
1 6	4 26.06	+26 40.0	1.296	2.165	15.8	17.5

116094 2003 WZ_{126} 12 6.1 289°.58 0°.5/ 6.2 18

10 28	5 19.30	+22 16.0	2.414	3.187	12.9	19.6
11 7	5 14.79	+22 45.5	2.320	3.184	10.2	19.4
11 17	5 8.07	+23 14.5	2.249	3.181	7.1	19.2
11 27	4 59.64	+23 41.7	2.205	3.179	3.5	19.0
12 7	4 50.29	+24 6.1	2.191	3.176	0.6	18.7
12 17	4 40.95	+24 27.1	2.208	3.173	4.1	19.0
12 27	4 32.60	+24 45.3	2.254	3.171	7.6	19.2
1 6	4 26.01	+25 2.0	2.326	3.168	10.7	19.4

144177 2004 BV_{113} 12 6.1 233°.68 2°.3/ 5.4 18

10 28	5 19.41	+16 10.0	2.467	3.238	12.7	20.9
11 7	5 14.74	+15 49.2	2.362	3.225	10.1	20.7
11 17	5 7.97	+15 28.6	2.280	3.211	7.1	20.4
11 27	4 59.57	+15 9.6	2.226	3.196	3.9	20.2
12 7	4 50.30	+14 53.7	2.202	3.181	2.4	20.1
12 17	4 41.03	+14 42.3	2.208	3.165	5.0	20.2
12 27	4 32.66	+14 37.1	2.244	3.149	8.3	20.4
1 6	4 25.96	+14 39.0	2.306	3.132	11.4	20.6

40444 Palacký 12 6.1 213°.55 0°.5/ 5.9 17

10 28	5 18.33	+21 41.6	2.295	3.074	13.4	20.3
11 7	5 14.03	+21 31.1	2.204	3.072	10.6	20.1
11 17	5 7.52	+21 18.0	2.135	3.070	7.2	19.9
11 27	4 59.34	+21 2.6	2.093	3.067	3.5	19.7
12 7	4 50.33	+20 45.5	2.080	3.065	0.7	19.4
12 17	4 41.42	+20 28.2	2.097	3.062	4.4	19.7
12 27	4 33.58	+20 12.8	2.144	3.060	8.0	19.9
1 6	4 27.57	+20 1.3	2.216	3.057	11.2	20.1

315021 2007 BG_{57} 12 6.1 305°.91 6°.7/ 8.1 17

10 28	5 23.08	+40 10.9	2.017	2.761	16.0	21.0
11 7	5 18.89	+40 53.7	1.924	2.754	13.5	20.8
11 17	5 11.47	+41 23.9	1.852	2.746	10.7	20.6
11 27	5 1.49	+41 35.8	1.803	2.738	8.1	20.4
12 7	4 50.11	+41 25.8	1.780	2.731	6.7	20.3
12 17	4 38.82	+40 53.4	1.785	2.724	7.7	20.4
12 27	4 29.15	+40 2.7	1.816	2.717	10.2	20.5
1 6	4 22.19	+39 0.7	1.873	2.710	13.1	20.7

241874 2001 UW_{89} 12 6.1 131°.16 0°.6/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.09	+21 40.5	2.423	3.192	13.0	21.9
11 7	5 15.87	+21 25.2	2.344	3.206	10.2	21.7
11 17	5 8.57	+21 7.1	2.288	3.220	7.0	21.6
11 27	4 59.77	+20 46.5	2.260	3.234	3.4	21.3
12 7	4 50.30	+20 24.6	2.262	3.247	0.7	21.2
12 17	4 41.07	+20 2.7	2.295	3.259	4.2	21.4
12 27	4 32.97	+19 43.2	2.358	3.271	7.6	21.7
1 6	4 26.66	+19 27.9	2.447	3.282	10.5	21.9

376742 1999 TS_{226} 12 6.1 37°.23 1°.0/ 6.3 18

10 28	5 22.05	+24 53.5	1.056	1.882	22.6	20.4
11 7	5 19.04	+24 57.3	1.008	1.901	17.9	20.1
11 17	5 11.87	+24 54.5	0.976	1.921	12.3	19.9
11 27	5 1.63	+24 43.6	0.966	1.942	6.1	19.6
12 7	4 50.12	+24 24.9	0.980	1.964	1.1	19.4
12 17	4 39.37	+24 1.2	1.018	1.987	6.7	19.8
12 27	4 31.16	+23 37.7	1.080	2.011	12.3	20.2
1 6	4 26.51	+23 19.3	1.162	2.036	16.9	20.6

87365 2000 QL_{46} 12 6.1 134°.34 0°.7/ 5.9 18

10 28	5 23.49	+21 23.5	1.952	2.730	15.4	20.3
11 7	5 18.33	+21 13.6	1.874	2.742	12.1	20.1
11 17	5 10.54	+21 1.1	1.819	2.753	8.3	19.9
11 27	5 0.82	+20 46.1	1.789	2.763	4.1	19.6
12 7	4 50.20	+20 29.4	1.789	2.773	0.9	19.4
12 17	4 39.85	+20 12.6	1.818	2.783	4.9	19.7
12 27	4 30.91	+19 58.1	1.876	2.791	9.0	20.0
1 6	4 24.22	+19 48.4	1.959	2.800	12.5	20.2

69429 1996 EB_{8} 12 6.1 161°.95 0°.4/ 5.9 18

10 28	5 18.27	+21 43.6	2.826	3.592	11.4	20.6
11 7	5 13.47	+21 36.4	2.736	3.597	9.0	20.5
11 17	5 6.87	+21 27.1	2.671	3.602	6.1	20.3
11 27	4 58.94	+21 15.6	2.633	3.607	3.0	20.1
12 7	4 50.39	+21 2.7	2.626	3.611	0.5	19.9
12 17	4 41.95	+20 49.3	2.650	3.614	3.6	20.2
12 27	4 34.40	+20 37.0	2.704	3.617	6.7	20.4
1 6	4 28.35	+20 27.3	2.786	3.620	9.4	20.5

288449 2004 EK_{58} 12 6.1 340°.33 9°.6/ 3.6 18

10 28	5 15.03	+ 2 54.7	1.564	2.357	17.9	20.2
11 7	5 12.27	+ 1 36.8	1.488	2.349	15.1	20.0
11 17	5 6.76	+ 0 28.7	1.432	2.341	12.2	19.8
11 27	4 59.11	− 0 21.7	1.399	2.333	10.1	19.6
12 7	4 50.37	− 0 48.4	1.390	2.327	9.7	19.6
12 17	4 41.73	− 0 47.6	1.405	2.321	11.4	19.7
12 27	4 34.45	− 0 19.3	1.444	2.316	14.3	19.8
1 6	4 29.45	+ 0 32.9	1.504	2.312	17.3	20.0

493924 2015 XC_{338} 12 6.1 17°.71 0°.7/ 5.9 17

10 28	5 17.99	+20 46.5	1.889	2.680	15.3	21.8
11 7	5 14.23	+20 45.9	1.808	2.683	12.1	21.6
11 17	5 7.88	+20 43.9	1.748	2.686	8.3	21.3
11 27	4 59.59	+20 40.6	1.715	2.689	4.1	21.1
12 7	4 50.32	+20 36.4	1.708	2.693	0.8	20.9
12 17	4 41.22	+20 32.3	1.731	2.697	5.0	21.2
12 27	4 33.42	+20 30.3	1.781	2.702	9.1	21.4
1 6	4 27.77	+20 32.1	1.857	2.706	12.7	21.7

140341 2001 TR_{7} 12 6.1 13°.08 0°.5/ 5.9 18

10 28	5 18.59	+22 29.2	1.270	2.089	19.9	19.4
11 7	5 15.93	+22 18.2	1.201	2.091	15.8	19.2
11 17	5 9.67	+22 2.8	1.150	2.094	10.9	18.9
11 27	5 0.64	+21 43.3	1.122	2.098	5.3	18.6
12 7	4 50.22	+21 20.8	1.118	2.103	0.8	18.3
12 17	4 40.13	+20 58.1	1.141	2.109	6.4	18.7
12 27	4 32.00	+20 39.1	1.187	2.116	11.7	19.0
1 6	4 26.94	+20 27.4	1.256	2.123	16.3	19.3

156836 2003 CS 12 6.1 251°.88 5°.0/ 7.3 18

10 28	5 26.75	+35 7.2	1.977	2.729	16.0	20.8
11 7	5 21.84	+35 39.8	1.868	2.710	13.3	20.6
11 17	5 13.61	+36 2.8	1.780	2.690	10.1	20.4
11 27	5 2.63	+36 11.1	1.716	2.670	6.8	20.1
12 7	4 50.01	+36 1.0	1.680	2.648	5.0	20.0
12 17	4 37.27	+35 31.8	1.673	2.626	6.7	20.0
12 27	4 25.99	+34 47.1	1.694	2.604	10.2	20.2
1 6	4 17.44	+33 53.7	1.740	2.581	13.8	20.4

201177 2002 OF_{29} 12 6.1 84°.06 0°.8/ 5.8 17

10 28	5 17.34	+22 5.0	2.357	3.135	13.0	21.0
11 7	5 13.10	+21 36.9	2.272	3.140	10.3	20.8
11 17	5 6.77	+21 5.2	2.211	3.146	7.0	20.6
11 27	4 58.94	+20 30.5	2.176	3.151	3.4	20.4
12 7	4 50.41	+19 54.6	2.171	3.156	0.9	20.2
12 17	4 42.07	+19 19.7	2.197	3.161	4.3	20.5
12 27	4 34.80	+18 48.5	2.251	3.166	7.7	20.7
1 6	4 29.28	+18 23.1	2.332	3.171	10.8	20.9

459694 2013 NR_{16} 12 6.1 357.°87 6.°4/ 4.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 14.67	+ 6 27.4	1.998	2.782	14.9	20.7
11 7	5 11.31	+ 5 38.4	1.920	2.781	12.2	20.5
11 17	5 5.73	+ 4 56.4	1.863	2.779	9.4	20.3
11 27	4 58.50	+ 4 25.7	1.831	2.779	7.0	20.2
12 7	4 50.45	+ 4 9.8	1.826	2.778	6.4	20.1
12 17	4 42.53	+ 4 10.7	1.848	2.778	8.1	20.2
12 27	4 35.70	+ 4 28.9	1.896	2.779	10.8	20.4
1 6	4 30.71	+ 5 2.6	1.968	2.780	13.6	20.6

116962 2004 HE_{7} 12 6.1 95.°54 2.°0/ 6.7 18

10 28	5 22.91	+28 24.0	2.150	2.917	14.5	20.2
11 7	5 17.72	+28 36.3	2.079	2.936	11.5	20.0
11 17	5 10.03	+28 42.3	2.029	2.956	8.1	19.9
11 27	5 0.54	+28 40.1	2.006	2.974	4.4	19.7
12 7	4 50.25	+28 29.1	2.011	2.993	2.0	19.5
12 17	4 40.28	+28 10.5	2.047	3.011	4.6	19.7
12 27	4 31.70	+27 47.2	2.112	3.029	8.1	20.0
1 6	4 25.27	+27 22.7	2.203	3.046	11.2	20.2

29623 1998 SR_{164} 12 6.1 336.°70 6.°9/ 6.1 18

10 28	5 20.61	+30 7.6	1.193	2.006	21.3	17.2
11 7	5 18.88	+31 51.8	1.110	1.991	17.6	16.9
11 17	5 12.77	+33 36.0	1.044	1.976	13.2	16.6
11 27	5 2.68	+35 11.1	1.000	1.963	8.9	16.4
12 7	4 49.99	+36 27.2	0.980	1.951	7.0	16.2
12 17	4 36.86	+37 17.0	0.984	1.940	9.7	16.3
12 27	4 25.81	+37 40.9	1.010	1.930	14.3	16.6
1 6	4 18.74	+37 45.5	1.057	1.922	18.8	16.8

122085 2000 HN_{45} 12 6.1 214.°67 1.°8/ 6.4 18 R

10 28	5 24.47	+25 48.1	1.785	2.565	16.5	20.6
11 7	5 19.82	+26 15.3	1.695	2.561	13.3	20.4
11 17	5 12.05	+26 39.0	1.625	2.557	9.3	20.1
11 27	5 1.78	+26 56.5	1.581	2.552	4.9	19.8
12 7	4 50.12	+27 5.7	1.564	2.547	1.8	19.6
12 17	4 38.50	+27 6.4	1.576	2.542	5.5	19.9
12 27	4 28.37	+27 0.9	1.617	2.536	9.9	20.1
1 6	4 20.84	+26 53.0	1.682	2.530	13.8	20.3

367218 2007 EX_{47} 12 6.1 164.°98 0.°4/ 6.3 17

10 28	5 19.05	+24 24.2	2.802	3.565	11.6	22.6
11 7	5 14.16	+24 24.2	2.711	3.570	9.1	22.4
11 17	5 7.38	+24 20.8	2.644	3.574	6.3	22.3
11 27	4 59.22	+24 13.6	2.605	3.577	3.1	22.1
12 7	4 50.40	+24 2.7	2.596	3.581	0.5	21.8
12 17	4 41.68	+23 48.9	2.618	3.584	3.6	22.1
12 27	4 33.89	+23 34.1	2.671	3.586	6.7	22.3
1 6	4 27.65	+23 20.2	2.751	3.588	9.4	22.5

120786 1998 FO_{7} 12 6.1 182.°90 2.°9/ 6.8 18

10 28	5 24.35	+30 14.5	2.025	2.790	15.3	20.9
11 7	5 19.35	+30 37.0	1.936	2.791	12.4	20.7
11 17	5 11.49	+30 52.4	1.868	2.791	8.9	20.5
11 27	5 1.41	+30 57.6	1.825	2.791	5.2	20.3
12 7	4 50.18	+30 51.0	1.812	2.790	2.9	20.1
12 17	4 39.07	+30 32.8	1.827	2.789	5.3	20.3
12 27	4 29.40	+30 6.3	1.871	2.787	9.0	20.5
1 6	4 22.12	+29 36.2	1.941	2.785	12.5	20.7

271069 2003 JH_{4} 12 6.1 294.°69 4.°0/ 5.5 18

10 28	5 35.06	+19 13.9	1.092	1.895	23.5	19.6
11 7	5 30.91	+21 38.6	1.006	1.886	19.1	19.3
11 17	5 21.61	+24 25.0	0.939	1.876	13.6	18.9
11 27	5 7.34	+27 23.5	0.895	1.867	7.4	18.6
12 7	4 49.52	+30 17.6	0.878	1.859	4.1	18.3
12 17	4 30.70	+32 50.0	0.888	1.850	9.4	18.6
12 27	4 14.04	+34 51.6	0.925	1.842	15.7	18.9
1 6	4 2.01	+36 24.8	0.983	1.834	21.1	19.2

282427 2003 WG_{54} 12 6.1 344.°02 4.°2/ 6.9 17

10 28	5 21.39	+32 53.3	2.225	2.985	14.3	20.4
11 7	5 16.98	+33 45.7	2.135	2.983	11.7	20.2
11 17	5 9.88	+34 31.6	2.067	2.981	8.7	20.0
11 27	5 0.65	+35 7.2	2.024	2.979	5.8	19.9
12 7	4 50.26	+35 29.4	2.010	2.978	4.2	19.8
12 17	4 39.87	+35 37.1	2.024	2.977	5.8	19.9
12 27	4 30.71	+35 32.1	2.067	2.976	8.7	20.0
1 6	4 23.75	+35 18.4	2.136	2.975	11.7	20.2

147943 1209 $T\text{-}_{3}$ 12 6.1 34.°30 4.°0/ 7.2 18

10 28	5 22.66	+31 57.8	1.258	2.061	20.9	19.7
11 7	5 19.45	+32 8.6	1.194	2.070	17.0	19.5
11 17	5 12.21	+32 6.2	1.147	2.079	12.2	19.2
11 27	5 1.89	+31 46.4	1.122	2.090	7.2	19.0
12 7	4 50.15	+31 8.2	1.121	2.101	4.0	18.8
12 17	4 38.95	+30 14.9	1.147	2.112	7.0	19.0
12 27	4 30.10	+29 14.0	1.196	2.124	11.7	19.3
1 6	4 24.73	+28 13.9	1.269	2.137	16.1	19.6

455220 2001 QB_{281} 12 6.1 12.°24 24.°2/12.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 47.16	+62 4.1	1.106	1.799	29.2	20.2
11 7	5 47.96	+65 27.8	1.061	1.800	27.7	20.0
11 17	5 38.77	+68 24.3	1.026	1.801	26.1	19.9
11 27	5 17.97	+70 31.1	1.005	1.802	24.9	19.8
12 7	4 48.39	+71 25.0	0.996	1.804	24.3	19.8
12 17	4 18.53	+70 55.2	1.002	1.807	24.3	19.8
12 27	3 57.53	+69 13.6	1.020	1.810	24.9	19.9
1 6	3 48.72	+66 46.1	1.052	1.814	26.0	20.0

63468 2001 OY_{21} 12 6.1 89.°36 1.°2/ 5.9 18

10 28	5 24.83	+20 16.6	1.623	2.412	17.6	19.4
11 7	5 19.74	+20 7.2	1.560	2.433	13.8	19.2
11 17	5 11.65	+19 56.1	1.517	2.454	9.4	19.0
11 27	5 1.40	+19 43.8	1.500	2.474	4.6	18.7
12 7	4 50.22	+19 31.0	1.510	2.494	1.3	18.6
12 17	4 39.50	+19 19.6	1.549	2.514	5.6	18.9
12 27	4 30.53	+19 11.9	1.615	2.533	10.0	19.2
1 6	4 24.17	+19 10.1	1.706	2.552	13.8	19.5

311648 2006 RN_{34} 12 6.1 44.°47 1.°7/ 5.8 18

10 28	5 20.40	+18 19.7	1.553	2.354	17.7	19.9
11 7	5 16.41	+18 16.9	1.493	2.373	13.9	19.7
11 17	5 9.46	+18 14.9	1.453	2.392	9.5	19.5
11 27	5 0.37	+18 14.2	1.437	2.411	4.8	19.3
12 7	4 50.33	+18 15.6	1.447	2.431	1.8	19.2
12 17	4 40.69	+18 19.9	1.486	2.451	5.8	19.5
12 27	4 32.73	+18 28.7	1.551	2.472	10.1	19.8
1 6	4 27.30	+18 42.8	1.640	2.493	13.9	20.1

361287 2006 TX_{35} 12 6.1 322.°59 3.°5/ 6.7 17

10 28	5 20.81	+29 34.5	1.783	2.565	16.5	20.7
11 7	5 17.13	+30 14.7	1.692	2.557	13.3	20.5
11 17	5 10.33	+30 49.4	1.621	2.549	9.7	20.2
11 27	5 1.00	+31 14.8	1.575	2.541	5.8	20.0
12 7	4 50.25	+31 27.9	1.555	2.533	3.5	19.8
12 17	4 39.47	+31 28.0	1.564	2.526	6.0	20.0
12 27	4 30.17	+31 17.5	1.600	2.519	10.0	20.2
1 6	4 23.46	+31 1.0	1.660	2.513	13.7	20.4

437057 2012 UF_{40} 12 6.1 30.°12 0.°2/ 6.1 18

10 28	5 20.25	+21 28.0	1.204	2.025	20.7	20.3
11 7	5 17.27	+21 40.4	1.147	2.037	16.3	20.0
11 17	5 10.57	+21 51.4	1.107	2.051	11.2	19.8
11 27	5 1.07	+22 0.0	1.090	2.066	5.5	19.5
12 7	4 50.26	+22 5.7	1.097	2.082	0.6	19.2
12 17	4 39.92	+22 9.4	1.130	2.099	6.4	19.7
12 27	4 31.71	+22 13.4	1.187	2.116	11.7	20.0
1 6	4 26.69	+22 20.6	1.266	2.135	16.1	20.3

300749 2007 VP_{192} 12 6.1 15.°47 2.°8/ 6.1 18

10 28	5 18.52	+13 34.3	1.236	2.056	20.3	19.2
11 7	5 15.79	+14 6.2	1.174	2.064	16.2	19.0
11 17	5 9.55	+14 47.4	1.131	2.073	11.3	18.7
11 27	5 0.61	+15 38.1	1.109	2.083	6.0	18.5
12 7	4 50.30	+16 36.5	1.113	2.095	2.9	18.3
12 17	4 40.27	+17 39.9	1.142	2.108	6.9	18.6
12 27	4 32.14	+18 45.9	1.196	2.123	11.9	18.9
1 6	4 27.01	+19 52.8	1.273	2.139	16.2	19.3

25920 Templeanne 12 6.1 240.°09 3.°7/ 7.0 17

10 28	5 21.29	+32 39.8	2.321	3.078	13.8	19.3
11 7	5 16.73	+33 16.8	2.228	3.076	11.3	19.1
11 17	5 9.61	+33 46.9	2.158	3.073	8.3	18.9
11 27	5 0.50	+34 6.7	2.113	3.071	5.3	18.7
12 7	4 50.32	+34 14.0	2.097	3.068	3.7	18.6
12 17	4 40.20	+34 8.5	2.110	3.066	5.3	18.7
12 27	4 31.26	+33 52.4	2.153	3.063	8.3	18.9
1 6	4 24.41	+33 29.7	2.220	3.060	11.3	19.1

83028 2001 QC_{180} 12 6.1 24.°28 0.°8/ 5.9 18

10 28	5 19.44	+19 44.3	1.690	2.487	16.6	18.8
11 7	5 15.69	+19 53.6	1.614	2.492	13.2	18.6
11 17	5 9.08	+20 3.2	1.558	2.496	9.0	18.4
11 27	5 0.27	+20 12.8	1.527	2.502	4.5	18.1
12 7	4 50.36	+20 22.2	1.523	2.508	1.0	17.9
12 17	4 40.64	+20 31.8	1.547	2.514	5.4	18.2
12 27	4 32.38	+20 43.0	1.599	2.520	9.8	18.5
1 6	4 26.53	+20 57.2	1.674	2.527	13.6	18.7

144699 2004 GE_{11} 12 6.1 204.°96 1.°8/ 6.8 18

10 28	5 21.28	+29 50.4	2.056	2.827	14.9	19.9
11 7	5 16.75	+29 30.9	1.966	2.826	12.0	19.6
11 17	5 9.57	+29 1.6	1.897	2.825	8.5	19.4
11 27	5 0.44	+28 21.6	1.854	2.824	4.6	19.2
12 7	4 50.36	+27 31.5	1.840	2.823	1.8	19.0
12 17	4 40.51	+26 34.1	1.856	2.822	4.7	19.2
12 27	4 32.06	+25 34.1	1.901	2.821	8.6	19.4
1 6	4 25.83	+24 36.7	1.971	2.819	12.1	19.7

60360 2000 AN_{100} 12 6.1 29°.08 1°.5/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.18	+17 24.3	1.060	1.888	22.3	18.3
11 7	5 18.40	+17 51.1	1.006	1.901	17.7	18.0
11 17	5 11.59	+18 22.8	0.969	1.915	12.2	17.8
11 27	5 1.66	+18 58.5	0.953	1.930	6.0	17.5
12 7	4 50.26	+19 36.4	0.961	1.946	1.6	17.3
12 17	4 39.34	+20 14.9	0.994	1.963	7.1	17.7
12 27	4 30.76	+20 54.0	1.050	1.981	12.7	18.0
1 6	4 25.67	+21 34.0	1.128	2.000	17.4	18.4

330745 2008 SW_{113} 12 6.1 106°.22 2°.4/ 6.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.34	+28 59.1	2.463	3.226	13.0	21.3
11 7	5 15.63	+29 29.1	2.378	3.232	10.4	21.1
11 17	5 8.65	+29 54.2	2.315	3.239	7.4	20.9
11 27	4 59.98	+30 12.0	2.279	3.245	4.3	20.7
12 7	4 50.43	+30 21.3	2.273	3.252	2.4	20.6
12 17	4 41.00	+30 21.9	2.296	3.258	4.4	20.8
12 27	4 32.66	+30 15.6	2.349	3.264	7.5	21.0
1 6	4 26.19	+30 5.3	2.429	3.270	10.4	21.2

511057 2013 SO_{54} 12 6.1 38°.25 2°.7/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.86	+27 59.5	1.115	1.933	22.2	21.0
11 7	5 19.83	+28 15.9	1.060	1.947	17.7	20.8
11 17	5 12.58	+28 23.0	1.021	1.961	12.4	20.5
11 27	5 2.13	+28 17.5	1.004	1.977	6.7	20.3
12 7	4 50.24	+27 58.2	1.010	1.993	2.7	20.1
12 17	4 38.98	+27 27.7	1.042	2.010	6.9	20.4
12 27	4 30.23	+26 52.2	1.097	2.028	12.2	20.8
1 6	4 25.11	+26 18.6	1.174	2.046	16.8	21.1

380392 2002 XS_{49} 12 6.1 356°.54 1°.1/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.56	+19 2.3	1.193	2.017	20.6	20.3
11 7	5 16.28	+19 18.6	1.120	2.013	16.4	20.0
11 17	5 10.23	+19 37.4	1.065	2.010	11.4	19.8
11 27	5 1.11	+19 58.1	1.032	2.009	5.7	19.4
12 7	4 50.33	+20 20.0	1.023	2.008	1.2	19.1
12 17	4 39.66	+20 42.7	1.039	2.008	6.8	19.5
12 27	4 30.95	+21 7.3	1.079	2.009	12.4	19.8
1 6	4 25.49	+21 34.8	1.140	2.012	17.3	20.1

5199 Dortmund 12 6.1 144°.29 3°.8/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.67	+35 20.6	2.253	2.998	14.5	17.0
11 7	5 20.03	+35 25.7	2.169	3.007	11.9	16.8
11 17	5 11.72	+35 19.6	2.107	3.017	8.8	16.6
11 27	5 1.46	+34 59.3	2.070	3.025	5.7	16.4
12 7	4 50.32	+34 24.0	2.062	3.033	3.8	16.3
12 17	4 39.50	+33 35.3	2.085	3.041	5.3	16.4
12 27	4 30.17	+32 37.7	2.137	3.048	8.3	16.6
1 6	4 23.14	+31 36.9	2.215	3.055	11.3	16.9

79380 1997 GN 12 6.1 137°.50 8°.5/ 3.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.76	+ 0 52.3	2.130	2.879	15.2	19.9
11 7	5 17.25	− 0 41.7	2.067	2.895	12.8	19.7
11 17	5 9.56	− 2 6.4	2.027	2.911	10.5	19.6
11 27	5 0.33	− 3 15.5	2.012	2.925	8.8	19.5
12 7	4 50.43	− 4 4.0	2.026	2.939	8.7	19.6
12 17	4 40.84	− 4 28.9	2.066	2.952	10.0	19.7
12 27	4 32.46	− 4 30.2	2.133	2.964	12.0	19.8
1 6	4 25.97	− 4 10.3	2.223	2.975	14.1	20.0

122051 2000 GE_{122} 12 6.1 107°.82 3°.0/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.64	+14 46.3	1.734	2.519	16.8	19.9
11 7	5 18.68	+14 36.9	1.664	2.533	13.3	19.7
11 17	5 10.93	+14 30.8	1.614	2.547	9.3	19.5
11 27	5 1.12	+14 29.4	1.591	2.561	5.1	19.3
12 7	4 50.35	+14 33.7	1.595	2.574	3.1	19.2
12 17	4 39.89	+14 44.6	1.628	2.587	6.2	19.4
12 27	4 30.94	+15 2.7	1.688	2.599	10.2	19.7
1 6	4 24.38	+15 27.9	1.774	2.611	13.7	19.9

329082 2011 BG_{46} 12 6.1 189°.87 4°.8/ 4.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.16	+ 7 19.4	2.622	3.388	12.2	21.4
11 7	5 11.92	+ 6 43.0	2.536	3.387	9.9	21.2
11 17	5 5.90	+ 6 11.6	2.473	3.386	7.5	21.1
11 27	4 58.57	+ 5 48.3	2.437	3.385	5.5	20.9
12 7	4 50.60	+ 5 35.3	2.429	3.383	4.9	20.9
12 17	4 42.71	+ 5 34.0	2.451	3.382	6.4	21.0
12 27	4 35.68	+ 5 45.1	2.501	3.380	8.7	21.1
1 6	4 30.08	+ 6 7.8	2.577	3.378	11.1	21.3

431737 2008 FV_{106} 12 6.1 107°.52 2°.3/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.15	+18 9.7	1.564	2.359	17.8	21.9
11 7	5 18.69	+17 48.5	1.491	2.368	14.1	21.6
11 17	5 11.16	+17 26.8	1.439	2.377	9.8	21.4
11 27	5 1.30	+17 6.2	1.412	2.385	5.1	21.2
12 7	4 50.34	+16 48.5	1.411	2.394	2.4	21.0
12 17	4 39.68	+16 35.7	1.439	2.402	6.3	21.3
12 27	4 30.71	+16 30.2	1.493	2.410	10.8	21.6
1 6	4 24.38	+16 33.5	1.571	2.417	14.8	21.8

408651 2014 MN_{15} 12 6.1 135°.26 3°.8/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.77	+12 10.6	2.340	3.111	13.3	22.3
11 7	5 14.86	+11 32.4	2.263	3.123	10.7	22.1
11 17	5 7.93	+10 56.9	2.210	3.134	7.7	22.0
11 27	4 59.56	+10 26.7	2.184	3.146	4.9	21.8
12 7	4 50.52	+10 3.9	2.187	3.156	3.9	21.8
12 17	4 41.70	+ 9 50.5	2.221	3.166	5.9	21.9
12 27	4 33.94	+ 9 47.5	2.283	3.176	8.8	22.1
1 6	4 27.90	+ 9 55.0	2.370	3.185	11.5	22.3

369023 2007 TF_{404} 12 6.1 146°.54 0°.9/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.62	+22 29.6	1.568	2.358	18.1	21.5
11 7	5 20.74	+22 4.0	1.491	2.365	14.3	21.2
11 17	5 12.62	+21 33.3	1.435	2.372	9.8	21.0
11 27	5 2.04	+20 57.9	1.403	2.378	4.8	20.7
12 7	4 50.29	+20 19.5	1.399	2.384	1.0	20.5
12 17	4 38.88	+19 41.6	1.423	2.389	5.9	20.8
12 27	4 29.26	+19 8.3	1.475	2.394	10.7	21.1
1 6	4 22.44	+18 43.3	1.550	2.398	14.9	21.4

312375 2008 EE_{37} 12 6.1 63°.60 2°.0/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.01	+28 47.8	1.925	2.702	15.6	21.0
11 7	5 16.76	+28 47.7	1.840	2.705	12.5	20.8
11 17	5 9.72	+28 39.9	1.777	2.707	8.8	20.6
11 27	5 0.59	+28 22.5	1.739	2.709	4.8	20.4
12 7	4 50.43	+27 55.4	1.729	2.712	2.0	20.2
12 17	4 40.49	+27 20.4	1.749	2.714	5.0	20.4
12 27	4 31.99	+26 41.4	1.796	2.717	8.9	20.6
1 6	4 25.84	+26 3.0	1.868	2.719	12.5	20.9

158594 2002 PB_{37} 12 6.1 77°.51 0°.8/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.61	+22 36.5	2.371	3.144	13.1	19.6
11 7	5 14.68	+21 59.6	2.304	3.169	10.3	19.5
11 17	5 7.73	+21 18.7	2.259	3.193	7.0	19.3
11 27	4 59.41	+20 34.8	2.243	3.217	3.4	19.1
12 7	4 50.56	+19 50.1	2.256	3.240	0.9	19.0
12 17	4 42.05	+19 7.1	2.300	3.264	4.2	19.3
12 27	4 34.72	+18 28.5	2.374	3.287	7.5	19.5
1 6	4 29.17	+17 56.7	2.474	3.310	10.4	19.7

471542 2012 JD_{58} 12 6.1 158°.56 3°.8/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.59	+13 59.5	1.580	2.372	17.8	22.1
11 7	5 19.07	+13 39.1	1.503	2.375	14.3	21.9
11 17	5 11.47	+13 22.2	1.445	2.378	10.1	21.6
11 27	5 1.51	+13 11.2	1.412	2.381	5.9	21.4
12 7	4 50.35	+13 8.1	1.406	2.384	3.9	21.3
12 17	4 39.39	+13 14.4	1.428	2.386	7.1	21.5
12 27	4 30.01	+13 31.0	1.477	2.387	11.4	21.7
1 6	4 23.23	+13 57.7	1.549	2.389	15.3	22.0

266181 2006 VX_{46} 12 6.1 230°.92 0°.3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.43	+24 25.9	1.652	2.441	17.3	21.1
11 7	5 19.16	+24 15.1	1.562	2.435	13.8	20.9
11 17	5 11.69	+23 58.4	1.492	2.428	9.6	20.6
11 27	5 1.68	+23 35.1	1.447	2.421	4.8	20.3
12 7	4 50.33	+23 5.7	1.429	2.414	0.5	20.0
12 17	4 39.09	+22 32.4	1.440	2.407	5.6	20.4
12 27	4 29.44	+21 59.6	1.478	2.399	10.5	20.6
1 6	4 22.48	+21 31.4	1.540	2.391	14.7	20.9

480746 2016 NM_{23} 12 6.1 53°.16 10°.0/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.23	+ 1 2.1	1.306	2.096	21.0	20.1
11 7	5 18.10	+ 0 16.5	1.256	2.114	17.6	19.9
11 17	5 10.76	− 0 11.4	1.224	2.132	13.9	19.8
11 27	5 1.08	− 0 14.9	1.213	2.150	11.0	19.7
12 7	4 50.41	+ 0 9.5	1.226	2.169	10.0	19.7
12 17	4 40.24	+ 1 1.6	1.263	2.188	11.6	19.8
12 27	4 31.95	+ 2 17.1	1.324	2.208	14.5	20.0
1 6	4 26.45	+ 3 49.4	1.407	2.227	17.6	20.3

397658 2007 YJ_{71} 12 6.1 23°.45 1°.3/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.36	+16 31.6	1.495	2.296	18.2	20.0
11 7	5 17.57	+17 9.7	1.424	2.304	14.5	19.8
11 17	5 10.59	+17 53.5	1.373	2.312	10.0	19.6
11 27	5 1.13	+18 41.9	1.346	2.320	5.0	19.3
12 7	4 50.39	+19 32.6	1.346	2.330	1.4	19.1
12 17	4 39.84	+20 23.8	1.373	2.340	5.9	19.4
12 27	4 30.93	+21 14.2	1.428	2.351	10.6	19.7
1 6	4 24.73	+22 4.0	1.506	2.363	14.7	20.0

163902 2003 SW_{222} 12 6.1 347°.20 19°.5/23.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 37.41	+63 15.4	0.482	1.322	38.8	17.7
11 7	4 50.83	+64 0.7	0.430	1.300	37.0	17.3
11 17	4 56.79	+63 21.3	0.383	1.281	34.2	17.0
11 27	4 55.65	+60 45.6	0.342	1.267	30.3	16.6
12 7	4 50.90	+55 42.8	0.310	1.256	25.4	16.2
12 17	4 47.01	+48 3.0	0.291	1.250	20.8	15.9
12 27	4 47.34	+38 30.7	0.287	1.249	19.8	15.9
1 6	4 52.64	+28 42.8	0.302	1.252	23.8	16.1

9212 Kanamaru 12 6.1 10°.08 2°.3/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.27	+20 46.6	1.283	2.101	19.8	17.4
11 7	5 16.39	+20 1.4	1.212	2.101	15.7	17.2
11 17	5 9.99	+19 10.9	1.159	2.103	10.9	16.9
11 27	5 0.87	+18 17.5	1.129	2.105	5.5	16.6
12 7	4 50.43	+17 25.2	1.124	2.107	2.5	16.4
12 17	4 40.31	+16 39.0	1.145	2.111	7.1	16.7
12 27	4 32.13	+16 3.9	1.191	2.114	12.3	17.0
1 6	4 26.94	+15 42.9	1.259	2.119	16.8	17.3

516801 2010 JL_{36} 12 6.1 209°.75 3°.5/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.39	+15 45.2	2.094	2.873	14.4	22.5
11 7	5 15.80	+14 51.3	2.002	2.869	11.5	22.3
11 17	5 8.85	+13 56.0	1.933	2.864	8.2	22.1
11 27	5 0.12	+13 2.3	1.891	2.858	4.8	21.9
12 7	4 50.50	+12 13.4	1.878	2.852	3.6	21.8
12 17	4 41.00	+11 32.9	1.894	2.846	6.2	21.9
12 27	4 32.66	+11 3.7	1.939	2.839	9.7	22.1
1 6	4 26.28	+10 47.0	2.009	2.832	13.0	22.3

286133 2001 TK_{177} 12 6.1 350°.03 2°.6/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.64	+20 11.3	1.528	2.339	17.4	20.1
11 7	5 13.03	+19 17.6	1.446	2.333	13.9	19.8
11 17	5 7.44	+18 18.5	1.385	2.327	9.6	19.6
11 27	4 59.57	+17 16.9	1.348	2.322	5.0	19.3
12 7	4 50.55	+16 17.0	1.337	2.318	2.7	19.1
12 17	4 41.72	+15 23.6	1.352	2.315	6.6	19.4
12 27	4 34.43	+14 41.6	1.394	2.313	11.2	19.6
1 6	4 29.62	+14 13.7	1.458	2.312	15.3	19.9

85511 Celnik 12 6.1 69°.40 0°.7/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.77	+21 3.3	1.483	2.279	18.6	19.8
11 7	5 19.99	+21 1.9	1.425	2.302	14.6	19.6
11 17	5 11.99	+20 58.7	1.387	2.325	10.0	19.4
11 27	5 1.67	+20 53.4	1.373	2.348	4.9	19.2
12 7	4 50.37	+20 46.3	1.386	2.371	0.9	18.9
12 17	4 39.59	+20 39.0	1.428	2.394	5.7	19.3
12 27	4 30.72	+20 34.1	1.496	2.417	10.4	19.7
1 6	4 24.66	+20 33.9	1.587	2.439	14.3	19.9

20533 Irmabonham 12 6.1 141°.52 0°.9/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.19	+20 6.8	2.330	3.106	13.2	19.1
11 7	5 14.64	+20 0.6	2.245	3.111	10.4	18.9
11 17	5 7.94	+19 53.2	2.183	3.116	7.2	18.7
11 27	4 59.64	+19 44.8	2.147	3.121	3.5	18.5
12 7	4 50.55	+19 36.2	2.141	3.125	1.0	18.3
12 17	4 41.61	+19 28.3	2.166	3.130	4.3	18.5
12 27	4 33.74	+19 22.9	2.219	3.134	7.9	18.8
1 6	4 27.66	+19 21.4	2.299	3.138	11.0	19.0

307331 2002 RW_{8} 12 6.1 135°.97 5°.4/ 8.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.70	+42 50.5	2.964	3.669	12.2	21.2
11 7	5 18.91	+43 20.4	2.882	3.681	10.3	21.1
11 17	5 10.81	+43 38.8	2.820	3.693	8.3	21.0
11 27	5 1.01	+43 42.1	2.785	3.704	6.4	20.9
12 7	4 50.43	+43 28.4	2.778	3.715	5.4	20.8
12 17	4 40.09	+42 58.2	2.800	3.725	6.0	20.9
12 27	4 30.98	+42 14.4	2.851	3.735	7.6	21.0
1 6	4 23.84	+41 21.5	2.929	3.745	9.5	21.1

436972 2012 TC_{176} 12 6.1 118°.47 0°.6/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.46	+21 59.5	1.841	2.621	16.1	22.4
11 7	5 19.25	+21 46.5	1.768	2.636	12.7	22.2
11 17	5 11.28	+21 30.3	1.717	2.651	8.7	22.0
11 27	5 1.30	+21 10.9	1.691	2.665	4.2	21.7
12 7	4 50.41	+20 49.3	1.695	2.679	0.8	21.5
12 17	4 39.87	+20 27.3	1.728	2.693	5.1	21.9
12 27	4 30.87	+20 8.0	1.789	2.706	9.3	22.1
1 6	4 24.24	+19 53.9	1.875	2.718	12.9	22.4

94530 2001 US_{146} 12 6.1 218°.88 1°.4/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.46	+19 50.0	1.977	2.757	15.2	20.3
11 7	5 17.76	+19 34.3	1.881	2.749	12.1	20.1
11 17	5 10.41	+19 16.7	1.807	2.742	8.3	19.9
11 27	5 0.98	+18 57.7	1.760	2.733	4.2	19.6
12 7	4 50.44	+18 38.5	1.741	2.724	1.5	19.4
12 17	4 39.95	+18 20.9	1.751	2.715	5.3	19.6
12 27	4 30.70	+18 7.4	1.791	2.705	9.4	19.9
1 6	4 23.64	+18 0.1	1.855	2.694	13.2	20.1

488166 2015 XT_{44} 12 6.2 320°.25 1°.3/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.64	+19 24.7	2.040	2.826	14.5	21.7
11 7	5 14.60	+19 14.9	1.953	2.825	11.5	21.5
11 17	5 8.13	+19 4.2	1.888	2.823	7.9	21.3
11 27	4 59.82	+18 53.1	1.848	2.822	4.0	21.1
12 7	4 50.57	+18 42.6	1.837	2.821	1.4	20.9
12 17	4 41.42	+18 34.1	1.855	2.819	4.9	21.1
12 27	4 33.46	+18 29.4	1.902	2.818	8.8	21.3
1 6	4 27.50	+18 30.0	1.974	2.817	12.3	21.6

49783 1999 XW_{9} 12 6.2 90°.31 0°.4/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.08	+21 38.2	1.596	2.381	18.0	19.7
11 7	5 21.60	+21 41.1	1.535	2.406	14.1	19.5
11 17	5 13.00	+21 41.7	1.495	2.431	9.6	19.3
11 27	5 2.15	+21 39.4	1.480	2.455	4.7	19.1
12 7	4 50.36	+21 34.1	1.493	2.478	0.6	18.9
12 17	4 39.08	+21 27.2	1.535	2.501	5.5	19.3
12 27	4 29.65	+21 21.2	1.605	2.524	10.0	19.6
1 6	4 22.96	+21 18.8	1.698	2.546	13.8	19.9

452426 2002 YR_{12} 12 6.2 261°.20 6°.9/ 9.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 35.78	+43 21.6	1.140	1.907	24.7	20.4
11 7	5 31.04	+42 34.0	1.056	1.903	20.9	20.1
11 17	5 20.80	+41 11.3	0.988	1.898	16.2	19.8
11 27	5 6.29	+39 3.8	0.941	1.894	11.0	19.5
12 7	4 49.98	+36 10.2	0.918	1.889	7.1	19.3
12 17	4 34.75	+32 42.2	0.922	1.885	8.8	19.4
12 27	4 23.05	+29 2.9	0.952	1.880	14.0	19.7
1 6	4 16.10	+25 36.5	1.007	1.875	19.3	20.0

75964 2000 CQ_{100} 12 6.2 51°.54 8°.2/ 9.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.08	+43 9.5	1.674	2.418	18.8	19.3
11 7	5 22.57	+43 49.3	1.606	2.431	16.0	19.1
11 17	5 14.19	+44 10.9	1.556	2.444	12.8	19.0
11 27	5 2.90	+44 7.4	1.529	2.457	9.9	18.8
12 7	4 50.29	+43 35.3	1.526	2.471	8.2	18.8
12 17	4 38.26	+42 36.0	1.549	2.485	8.9	18.8
12 27	4 28.51	+41 16.7	1.598	2.499	11.3	19.0
1 6	4 22.12	+39 47.3	1.671	2.513	14.2	19.2

294678 2008 AZ_{105} 12 6.2 325°.08 0°.0/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.52	+21 46.1	1.283	2.096	20.1	20.7
11 7	5 18.57	+21 59.5	1.202	2.089	16.1	20.5
11 17	5 11.83	+22 11.8	1.140	2.082	11.2	20.2
11 27	5 1.97	+22 21.7	1.100	2.076	5.5	19.8
12 7	4 50.37	+22 28.3	1.085	2.071	0.5	19.5
12 17	4 38.80	+22 31.9	1.096	2.065	6.6	19.9
12 27	4 29.14	+22 35.0	1.132	2.060	12.2	20.2
1 6	4 22.72	+22 40.8	1.190	2.056	17.1	20.4

368876 2006 RZ_{8} 12 6.2 83°.67 3°.7/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.32	+30 27.9	1.463	2.242	19.6	21.4
11 7	5 24.76	+31 1.3	1.405	2.268	15.7	21.2
11 17	5 15.48	+31 25.3	1.367	2.293	11.2	21.0
11 27	5 3.45	+31 35.1	1.353	2.318	6.6	20.8
12 7	4 50.27	+31 28.5	1.365	2.343	3.7	20.7
12 17	4 37.72	+31 6.7	1.405	2.368	6.5	20.9
12 27	4 27.46	+30 35.0	1.472	2.391	10.7	21.2
1 6	4 20.48	+30 0.3	1.563	2.415	14.5	21.5

365347 2009 SQ_{274} 12 6.2 77°.05 0°.3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.22	+23 36.1	2.149	2.926	14.2	21.3
11 7	5 15.60	+23 38.7	2.076	2.942	11.2	21.1
11 17	5 8.65	+23 38.1	2.025	2.959	7.6	20.9
11 27	5 0.00	+23 33.6	2.001	2.975	3.8	20.7
12 7	4 50.59	+23 25.4	2.006	2.991	0.4	20.5
12 17	4 41.43	+23 14.5	2.041	3.007	4.3	20.8
12 27	4 33.54	+23 3.2	2.105	3.023	8.0	21.1
1 6	4 27.63	+22 53.6	2.194	3.039	11.2	21.3

163966 2003 UJ_{86} 12 6.2 340°.32 2°.9/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.57	+28 31.3	1.460	2.263	18.5	19.5
11 7	5 15.98	+28 54.3	1.375	2.253	15.0	19.3
11 17	5 9.90	+29 10.2	1.308	2.244	10.7	19.0
11 27	5 0.98	+29 15.7	1.265	2.236	6.0	18.7
12 7	4 50.48	+29 8.8	1.247	2.229	2.9	18.5
12 17	4 40.02	+28 50.1	1.255	2.222	6.3	18.7
12 27	4 31.31	+28 23.5	1.289	2.217	11.1	19.0
1 6	4 25.58	+27 54.6	1.345	2.212	15.5	19.2

495557 2014 WN_{238} 12 6.2 277°.20 3°.7/ 4.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.67	+12 26.3	2.482	3.259	12.5	21.9
11 7	5 11.82	+11 47.7	2.381	3.244	10.1	21.7
11 17	5 6.02	+11 10.8	2.304	3.230	7.3	21.5
11 27	4 58.75	+10 38.0	2.254	3.216	4.7	21.3
12 7	4 50.70	+10 11.9	2.232	3.201	3.8	21.2
12 17	4 42.66	+ 9 54.6	2.240	3.187	5.8	21.3
12 27	4 35.47	+ 9 47.6	2.277	3.172	8.7	21.5
1 6	4 29.82	+ 9 51.3	2.339	3.158	11.5	21.6

150418 2000 FK_{64} 12 6.2 174°.59 1°.4/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.43	+19 26.0	1.965	2.743	15.3	21.4
11 7	5 18.43	+19 12.5	1.879	2.746	12.1	21.2
11 17	5 10.78	+18 57.8	1.815	2.748	8.4	21.0
11 27	5 1.14	+18 42.3	1.776	2.750	4.2	20.7
12 7	4 50.49	+18 27.1	1.767	2.751	1.5	20.5
12 17	4 40.00	+18 13.8	1.788	2.751	5.2	20.8
12 27	4 30.83	+18 4.6	1.837	2.751	9.3	21.0
1 6	4 23.86	+18 1.3	1.912	2.750	12.9	21.3

326663 2002 TW_{324} 12 6.2 160°.02 6°.0/ 3.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 15.57	+ 1 53.0	2.955	3.701	11.4	21.9
11 7	5 11.20	+ 0 55.4	2.877	3.707	9.5	21.8
11 17	5 5.30	+ 0 4.6	2.823	3.712	7.7	21.7
11 27	4 58.30	− 0 35.8	2.796	3.716	6.3	21.6
12 7	4 50.77	− 1 3.0	2.797	3.720	6.1	21.6
12 17	4 43.37	− 1 15.3	2.827	3.724	7.1	21.6
12 27	4 36.72	− 1 12.3	2.885	3.728	8.9	21.8
1 6	4 31.34	− 0 55.1	2.967	3.731	10.7	21.9

491557 2012 PL_{37} 12 6.2 94°.24 3°.1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.68	+30 33.7	1.739	2.507	17.4	21.7
11 7	5 22.88	+30 53.5	1.676	2.532	13.9	21.5
11 17	5 13.91	+31 4.3	1.633	2.557	9.9	21.3
11 27	5 2.63	+31 2.7	1.616	2.581	5.7	21.2
12 7	4 50.38	+30 47.4	1.626	2.605	3.1	21.0
12 17	4 38.66	+30 20.0	1.666	2.628	5.6	21.3
12 27	4 28.85	+29 45.0	1.734	2.651	9.5	21.5
1 6	4 21.84	+29 8.2	1.826	2.673	13.0	21.8

80827 2000 DV_{1} 12 6.2 152°.76 0°.2/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.91	+22 41.7	1.998	2.771	15.2	21.5
11 7	5 19.53	+22 35.8	1.916	2.780	12.1	21.3
11 17	5 11.49	+22 26.5	1.856	2.789	8.3	21.0
11 27	5 1.46	+22 13.4	1.823	2.796	4.1	20.8
12 7	4 50.48	+21 56.9	1.818	2.803	0.4	20.5
12 17	4 39.74	+21 38.5	1.844	2.809	4.8	20.9
12 27	4 30.39	+21 20.9	1.899	2.815	8.9	21.1
1 6	4 23.29	+21 6.8	1.980	2.820	12.4	21.4

368001 2012 FT_{44} 12 6.2 138°.26 0°.1/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.83	+22 33.8	2.671	3.438	11.9	21.6
11 7	5 14.09	+22 32.1	2.586	3.447	9.4	21.5
11 17	5 7.44	+22 28.0	2.524	3.455	6.4	21.3
11 27	4 59.39	+22 21.3	2.490	3.463	3.1	21.1
12 7	4 50.68	+22 12.4	2.486	3.471	0.3	20.9
12 17	4 42.11	+22 2.0	2.513	3.478	3.7	21.2
12 27	4 34.50	+21 51.9	2.570	3.485	6.9	21.4
1 6	4 28.47	+21 43.7	2.654	3.492	9.7	21.6

149987 2005 UW_{62} 12 6.2 114°.71 0°.0/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.77	+22 30.0	2.164	2.942	14.1	20.7
11 7	5 15.36	+22 33.0	2.079	2.946	11.1	20.5
11 17	5 8.59	+22 33.6	2.016	2.950	7.6	20.3
11 27	5 0.05	+22 31.4	1.980	2.954	3.7	20.1
12 7	4 50.62	+22 26.3	1.973	2.958	0.3	19.8
12 17	4 41.33	+22 19.4	1.996	2.962	4.4	20.1
12 27	4 33.21	+22 12.5	2.047	2.966	8.2	20.4
1 6	4 27.06	+22 7.7	2.125	2.969	11.5	20.6

328727 2009 TA_{41} 12 6.2 59°.01 1°.5/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.03	+24 27.0	2.089	2.864	14.6	20.3
11 7	5 17.29	+25 10.4	2.012	2.876	11.6	20.1
11 17	5 10.00	+25 52.1	1.957	2.888	8.0	19.9
11 27	5 0.76	+26 29.6	1.929	2.901	4.2	19.7
12 7	4 50.55	+27 0.7	1.930	2.913	1.5	19.6
12 17	4 40.48	+27 24.7	1.961	2.926	4.6	19.8
12 27	4 31.68	+27 42.4	2.021	2.939	8.3	20.0
1 6	4 25.01	+27 56.1	2.106	2.952	11.6	20.3

170475 2003 UV_{252} 12 6.2 294°.15 5°.7/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.73	+16 19.0	1.826	2.610	16.1	19.2
11 7	5 18.32	+14 12.2	1.710	2.578	13.1	18.9
11 17	5 11.04	+11 53.4	1.617	2.546	9.6	18.6
11 27	5 1.43	+ 9 28.5	1.552	2.514	6.5	18.3
12 7	4 50.48	+ 7 6.2	1.518	2.481	6.1	18.3
12 17	4 39.43	+ 4 56.5	1.513	2.448	9.2	18.4
12 27	4 29.60	+ 3 8.2	1.537	2.415	13.2	18.5
1 6	4 22.05	+ 1 46.1	1.585	2.382	17.0	18.7

3083 OAFA 12 6.2 183°.70 3°.9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.63	+32 15.2	1.869	2.630	16.6	18.0
11 7	5 22.36	+32 41.8	1.780	2.631	13.5	17.8
11 17	5 13.84	+32 59.5	1.712	2.631	9.9	17.6
11 27	5 2.78	+33 4.1	1.669	2.630	6.1	17.4
12 7	4 50.37	+32 53.2	1.654	2.629	3.9	17.2
12 17	4 38.12	+32 27.0	1.668	2.627	6.0	17.4
12 27	4 27.53	+31 49.8	1.710	2.625	9.8	17.6
1 6	4 19.67	+31 7.5	1.778	2.622	13.4	17.8

474900 2005 SW_{187} 12 6.2 1°.48 0°.5/ 6.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.92	+23 21.6	1.096	1.930	21.4	20.8
11 7	5 14.57	+23 30.0	1.028	1.927	17.1	20.5
11 17	5 9.25	+23 34.4	0.978	1.925	11.9	20.2
11 27	5 0.75	+23 33.6	0.948	1.925	5.9	19.9
12 7	4 50.57	+23 27.4	0.942	1.927	0.7	19.5
12 17	4 40.63	+23 17.3	0.959	1.930	6.8	19.9
12 27	4 32.84	+23 7.3	1.000	1.935	12.6	20.3
1 6	4 28.46	+23 1.2	1.061	1.941	17.6	20.6

347381 2012 RG_{19} 12 6.2 90°.49 0°.7/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.85	+25 7.5	1.688	2.470	17.3	21.0
11 7	5 20.60	+25 5.9	1.624	2.492	13.6	20.8
11 17	5 12.32	+24 58.9	1.580	2.514	9.4	20.6
11 27	5 1.87	+24 45.1	1.562	2.535	4.7	20.4
12 7	4 50.49	+24 25.0	1.572	2.556	0.8	20.2
12 17	4 39.59	+24 0.5	1.610	2.577	5.2	20.5
12 27	4 30.46	+23 35.3	1.677	2.597	9.5	20.8
1 6	4 23.98	+23 13.1	1.768	2.617	13.2	21.1

372174 2008 TB_{55} 12 6.2 319°.08 1°.5/ 5.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.19	+19 39.5	2.169	2.956	13.8	21.0
11 7	5 12.60	+19 17.6	2.074	2.947	10.9	20.8
11 17	5 6.76	+18 53.6	2.001	2.937	7.5	20.6
11 27	4 59.19	+18 28.7	1.955	2.928	3.8	20.3
12 7	4 50.73	+18 4.4	1.937	2.920	1.6	20.2
12 17	4 42.32	+17 42.7	1.948	2.911	4.8	20.4
12 27	4 34.97	+17 25.8	1.988	2.903	8.6	20.6
1 6	4 29.44	+17 15.6	2.052	2.895	11.9	20.8

202333 2005 EK_{93} 12 6.2 150°.28 4°.2/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.90	+10 3.9	2.012	2.786	15.1	20.1
11 7	5 17.06	+ 9 59.6	1.930	2.790	12.2	19.9
11 17	5 9.78	+10 1.9	1.870	2.794	8.8	19.7
11 27	5 0.67	+10 12.9	1.836	2.798	5.6	19.5
12 7	4 50.62	+10 33.5	1.830	2.801	4.2	19.4
12 17	4 40.69	+11 4.0	1.854	2.805	6.4	19.6
12 27	4 31.96	+11 43.7	1.906	2.807	9.8	19.8
1 6	4 25.24	+12 31.4	1.984	2.810	13.0	20.0

460644 2014 UT_{120} 12 6.2 163°.07 2°.1/ 5.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.96	+17 44.7	2.523	3.299	12.3	21.9
11 7	5 12.71	+17 8.8	2.435	3.301	9.7	21.8
11 17	5 6.55	+16 31.7	2.371	3.303	6.8	21.6
11 27	4 59.00	+15 54.9	2.333	3.304	3.7	21.4
12 7	4 50.78	+15 20.6	2.326	3.305	2.2	21.3
12 17	4 42.69	+14 50.9	2.349	3.307	4.6	21.5
12 27	4 35.56	+14 27.7	2.401	3.307	7.8	21.7
1 6	4 30.00	+14 12.6	2.479	3.308	10.6	21.8

330201 2006 FT_{5} 12 6.2 164°.24 2°.8/ 5.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.53	+13 37.1	2.943	3.709	11.0	22.7
11 7	5 12.04	+13 8.0	2.855	3.714	8.7	22.5
11 17	5 5.93	+12 40.3	2.792	3.718	6.2	22.4
11 27	4 58.65	+12 15.7	2.757	3.721	3.7	22.2
12 7	4 50.81	+11 55.8	2.752	3.725	2.8	22.1
12 17	4 43.09	+11 42.1	2.778	3.727	4.6	22.3
12 27	4 36.15	+11 35.6	2.834	3.730	7.1	22.4
1 6	4 30.53	+11 36.9	2.916	3.732	9.5	22.6

184773 2005 TC_{16} 12 6.2 99°.26 2°.1/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.64	+17 36.9	2.057	2.840	14.5	20.8
11 7	5 15.23	+17 17.4	1.979	2.849	11.5	20.6
11 17	5 8.47	+16 58.0	1.924	2.858	7.9	20.4
11 27	4 59.99	+16 39.7	1.895	2.867	4.2	20.2
12 7	4 50.69	+16 24.1	1.894	2.876	2.1	20.0
12 17	4 41.61	+16 12.8	1.923	2.884	5.2	20.2
12 27	4 33.75	+16 7.6	1.981	2.893	8.8	20.5
1 6	4 27.86	+16 9.5	2.063	2.901	12.1	20.7

323077 2002 TR_{112} 12 6.2 35°.84 8°.3/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.22	+41 36.2	1.500	2.262	20.0	20.2
11 7	5 21.45	+42 24.7	1.439	2.276	16.8	20.0
11 17	5 13.64	+42 55.2	1.395	2.291	13.4	19.8
11 27	5 2.74	+43 0.3	1.372	2.308	10.1	19.7
12 7	4 50.45	+42 36.1	1.374	2.324	8.3	19.6
12 17	4 38.75	+41 44.3	1.401	2.342	9.2	19.7
12 27	4 29.45	+40 32.0	1.453	2.360	11.8	19.9
1 6	4 23.65	+39 9.8	1.529	2.378	14.9	20.1

361920 2008 GM_{110} 12 6.2 237°.82 10°.4/ 3.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.00	− 9 17.2	2.344	3.057	14.8	21.2
11 7	5 14.47	−10 12.0	2.262	3.048	13.2	21.1
11 17	5 7.87	−10 51.3	2.201	3.039	11.7	20.9
11 27	4 59.70	−11 9.3	2.163	3.029	10.6	20.9
12 7	4 50.73	−11 2.1	2.149	3.019	10.4	20.8
12 17	4 41.82	−10 28.1	2.161	3.009	11.2	20.9
12 27	4 33.87	− 9 28.6	2.198	2.998	12.8	20.9
1 6	4 27.57	− 8 7.6	2.257	2.988	14.5	21.1

442916 2013 CL_{39} 12 6.2 19°.72 9°.2/ 8.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.35	+43 57.8	1.668	2.411	18.9	21.0
11 7	5 22.45	+45 0.8	1.593	2.414	16.3	20.8
11 17	5 14.50	+45 47.0	1.536	2.417	13.4	20.6
11 27	5 3.29	+46 8.2	1.500	2.420	10.7	20.5
12 7	4 50.40	+45 58.8	1.488	2.424	9.3	20.4
12 17	4 37.81	+45 18.3	1.502	2.428	10.0	20.5
12 27	4 27.46	+44 12.6	1.540	2.433	12.2	20.6
1 6	4 20.64	+42 51.8	1.601	2.438	15.0	20.8

48968 1998 QC_{38} 12 6.2 262.°87 4.°9/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.23	+33 15.8	1.583	2.360	18.4	18.2
11 7	5 21.23	+33 51.7	1.496	2.354	15.1	18.0
11 17	5 13.53	+34 17.7	1.428	2.349	11.3	17.7
11 27	5 2.82	+34 28.4	1.383	2.343	7.3	17.5
12 7	4 50.45	+34 20.1	1.364	2.338	4.9	17.3
12 17	4 38.16	+33 52.7	1.373	2.332	7.1	17.4
12 27	4 27.75	+33 10.9	1.408	2.326	11.2	17.7
1 6	4 20.48	+32 22.4	1.466	2.320	15.2	17.9

216631 2003 BN_{24} 12 6.2 239.°09 7.°1/ 9.5 17

10 28	5 28.80	+46 2.2	2.330	3.032	15.2	20.8
11 7	5 23.10	+46 16.0	2.229	3.023	13.1	20.6
11 17	5 14.21	+46 13.1	2.148	3.014	10.8	20.4
11 27	5 2.91	+45 47.7	2.091	3.005	8.5	20.3
12 7	4 50.46	+44 57.1	2.061	2.995	7.2	20.2
12 17	4 38.33	+43 42.1	2.059	2.985	7.7	20.2
12 27	4 27.95	+42 8.0	2.085	2.975	9.7	20.3
1 6	4 20.31	+40 23.2	2.139	2.965	12.2	20.4

351380 2005 ER_{68} 12 6.2 230.°02 0.°5/ 6.3 18

10 28	5 21.71	+25 28.0	2.127	2.900	14.4	21.1
11 7	5 17.10	+25 12.1	2.028	2.892	11.5	20.8
11 17	5 9.94	+24 50.1	1.951	2.883	8.0	20.6
11 27	5 0.81	+24 21.5	1.900	2.873	4.0	20.4
12 7	4 50.64	+23 46.9	1.878	2.863	0.5	20.1
12 17	4 40.56	+23 8.5	1.887	2.853	4.6	20.4
12 27	4 31.70	+22 29.7	1.924	2.842	8.6	20.6
1 6	4 24.92	+21 54.3	1.988	2.831	12.2	20.8

352950 2009 BA_{17} 12 6.2 273.°49 6.°4/ 8.2 16

10 28	5 25.19	+39 23.1	1.878	2.627	16.9	21.2
11 7	5 20.88	+39 51.1	1.780	2.614	14.2	20.9
11 17	5 13.11	+40 5.1	1.702	2.602	11.2	20.7
11 27	5 2.55	+39 59.6	1.647	2.590	8.1	20.5
12 7	4 50.48	+39 30.8	1.619	2.577	6.4	20.4
12 17	4 38.51	+38 38.9	1.618	2.564	7.5	20.4
12 27	4 28.26	+37 29.3	1.644	2.552	10.6	20.6
1 6	4 20.94	+36 10.2	1.694	2.539	13.9	20.8

271497 2004 FY_{98} 12 6.2 306.°86 4.°2/ 5.2 18

10 28	5 18.81	+16 1.4	1.384	2.196	18.9	20.5
11 7	5 16.05	+15 18.5	1.295	2.181	15.2	20.2
11 17	5 9.92	+14 34.7	1.226	2.166	10.8	19.9
11 27	5 1.05	+13 53.7	1.180	2.151	6.3	19.6
12 7	4 50.62	+13 19.4	1.159	2.137	4.3	19.5
12 17	4 40.17	+12 56.1	1.164	2.123	8.0	19.6
12 27	4 31.32	+12 47.0	1.194	2.110	12.9	19.9
1 6	4 25.28	+12 53.3	1.245	2.097	17.4	20.1

77686 2001 NA_{4} 12 6.2 343.°45 2.°8/ 7.4 18

10 28	5 19.76	+33 13.3	2.381	3.139	13.5	19.0
11 7	5 15.33	+33 3.8	2.289	3.138	10.9	18.9
11 17	5 8.56	+32 44.3	2.218	3.137	8.0	18.7
11 27	5 0.05	+32 13.0	2.174	3.136	4.8	18.5
12 7	4 50.73	+31 30.1	2.159	3.136	2.8	18.3
12 17	4 41.61	+30 37.4	2.173	3.135	4.6	18.5
12 27	4 33.70	+29 38.9	2.217	3.134	7.7	18.7
1 6	4 27.78	+28 39.4	2.288	3.134	10.7	18.9

519795 2013 GL_{140} 12 6.2 107.°03 1.°9/ 5.8 18

10 28	5 20.27	+15 56.5	2.428	3.199	12.9	21.6
11 7	5 15.30	+15 59.5	2.352	3.214	10.2	21.4
11 17	5 8.32	+16 4.5	2.300	3.230	7.1	21.3
11 27	4 59.87	+16 11.9	2.274	3.245	3.7	21.1
12 7	4 50.75	+16 22.0	2.279	3.260	1.9	21.0
12 17	4 41.81	+16 35.3	2.314	3.275	4.5	21.2
12 27	4 33.91	+16 52.2	2.379	3.289	7.7	21.4
1 6	4 27.70	+17 13.1	2.471	3.303	10.5	21.6

83814 2001 TT_{237} 12 6.2 337.°54 4.°3/ 5.3 18

10 28	5 18.35	+11 38.1	1.870	2.659	15.6	19.2
11 7	5 14.54	+11 14.3	1.787	2.656	12.5	19.0
11 17	5 8.21	+10 55.1	1.725	2.654	9.1	18.8
11 27	4 59.97	+10 43.3	1.688	2.652	5.7	18.6
12 7	4 50.73	+10 41.1	1.678	2.650	4.4	18.5
12 17	4 41.60	+10 49.9	1.697	2.648	6.8	18.7
12 27	4 33.68	+11 10.2	1.742	2.646	10.3	18.9
1 6	4 27.83	+11 41.3	1.812	2.645	13.7	19.1

356464 2011 QF_{25} 12 6.2 2.°79 6.°7/ 4.7 18

10 28	5 15.81	+ 9 57.7	1.394	2.206	18.8	20.2
11 7	5 13.28	+ 9 1.7	1.324	2.205	15.3	20.0
11 17	5 7.71	+ 8 11.6	1.273	2.205	11.4	19.7
11 27	4 59.81	+ 7 33.0	1.245	2.205	7.9	19.6
12 7	4 50.75	+ 7 11.0	1.242	2.207	6.8	19.5
12 17	4 41.90	+ 7 8.6	1.263	2.210	9.3	19.6
12 27	4 34.62	+ 7 26.5	1.309	2.213	13.1	19.9
1 6	4 29.90	+ 8 2.5	1.376	2.218	16.7	20.1

426615 2013 SZ_{52} 12 6.2 138.°35 0.°4/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.99	+22 46.1	1.709	2.487	17.2	21.7
11 7	5 22.47	+23 3.2	1.633	2.499	13.7	21.4
11 17	5 13.81	+23 18.1	1.577	2.510	9.4	21.2
11 27	5 2.74	+23 29.0	1.548	2.521	4.7	21.0
12 7	4 50.49	+23 34.9	1.546	2.531	0.6	20.7
12 17	4 38.51	+23 36.1	1.574	2.541	5.3	21.0
12 27	4 28.22	+23 34.8	1.631	2.549	9.9	21.3
1 6	4 20.62	+23 34.2	1.712	2.557	13.8	21.6

487523 2014 UJ_{60} 12 6.2 324.°48 2.°6/ 6.7 17

10 28	5 20.45	+28 36.7	2.232	3.001	14.0	21.0
11 7	5 16.16	+29 14.1	2.139	2.997	11.2	20.8
11 17	5 9.34	+29 47.3	2.069	2.994	8.0	20.6
11 27	5 0.55	+30 13.3	2.025	2.992	4.7	20.4
12 7	4 50.68	+30 30.3	2.010	2.989	2.6	20.3
12 17	4 40.83	+30 37.7	2.024	2.986	4.9	20.4
12 27	4 32.12	+30 36.9	2.068	2.984	8.2	20.6
1 6	4 25.45	+30 31.1	2.136	2.981	11.4	20.8

221444 2006 AT_{38} 12 6.2 23.°21 0.°0/ 6.2 18

10 28	5 18.38	+22 57.5	1.927	2.716	15.2	21.1
11 7	5 14.59	+22 53.2	1.847	2.720	12.0	20.9
11 17	5 8.24	+22 45.5	1.787	2.724	8.2	20.7
11 27	4 59.97	+22 34.2	1.754	2.728	4.0	20.5
12 7	4 50.75	+22 19.9	1.748	2.733	0.4	20.2
12 17	4 41.70	+22 4.1	1.771	2.738	4.7	20.5
12 27	4 33.97	+21 49.2	1.822	2.743	8.8	20.8
1 6	4 28.37	+21 37.7	1.897	2.749	12.4	21.0

452215 2015 RN_{217} 12 6.2 4.°39 3.°1/ 6.9 18

10 28	5 21.52	+29 41.9	1.780	2.561	16.5	21.1
11 7	5 17.61	+30 9.0	1.696	2.561	13.3	20.9
11 17	5 10.64	+30 29.1	1.633	2.561	9.6	20.6
11 27	5 1.26	+30 39.0	1.594	2.561	5.6	20.4
12 7	4 50.62	+30 36.7	1.583	2.562	3.1	20.3
12 17	4 40.12	+30 22.6	1.599	2.563	5.7	20.4
12 27	4 31.16	+29 59.9	1.643	2.564	9.6	20.7
1 6	4 24.77	+29 33.6	1.711	2.565	13.4	20.9

129270 2005 QS_{159} 12 6.2 74.°33 3.°1/ 5.8 18

10 28	5 24.03	+14 56.7	1.469	2.266	18.7	19.6
11 7	5 19.52	+14 52.8	1.406	2.282	14.9	19.4
11 17	5 11.82	+14 53.2	1.362	2.297	10.4	19.1
11 27	5 1.75	+14 59.0	1.342	2.313	5.6	18.9
12 7	4 50.60	+15 11.1	1.349	2.329	3.2	18.8
12 17	4 39.81	+15 29.8	1.383	2.345	6.7	19.1
12 27	4 30.81	+15 55.5	1.444	2.360	11.1	19.4
1 6	4 24.55	+16 27.8	1.528	2.376	15.0	19.6

399361 2001 BG_{81} 12 6.2 290.°45 3.°5/ 7.4 18

10 28	5 22.77	+33 28.0	1.753	2.527	17.1	20.4
11 7	5 18.76	+33 19.7	1.659	2.517	13.9	20.2
11 17	5 11.50	+32 58.3	1.584	2.507	10.2	20.0
11 27	5 1.70	+32 20.5	1.534	2.498	6.2	19.7
12 7	4 50.59	+31 25.8	1.511	2.489	3.5	19.5
12 17	4 39.66	+30 16.9	1.516	2.479	5.9	19.6
12 27	4 30.41	+29 0.1	1.548	2.470	10.0	19.9
1 6	4 23.90	+27 43.1	1.605	2.461	14.0	20.1

124818 2001 SL_{292} 12 6.2 153.°61 0.°2/ 6.1 18

10 28	5 24.51	+23 18.3	1.934	2.710	15.6	21.1
11 7	5 19.34	+23 3.8	1.852	2.717	12.3	20.8
11 17	5 11.44	+22 44.9	1.791	2.724	8.5	20.6
11 27	5 1.51	+22 21.3	1.757	2.731	4.2	20.4
12 7	4 50.62	+21 53.9	1.752	2.737	0.4	20.1
12 17	4 39.97	+21 24.9	1.776	2.742	4.9	20.5
12 27	4 30.77	+20 57.4	1.829	2.746	9.1	20.7
1 6	4 23.87	+20 34.7	1.908	2.750	12.7	21.0

211232 2002 PW_{144} 12 6.2 190.°24 4.°0/ 7.5 18

10 28	5 24.66	+34 23.3	2.112	2.865	15.1	21.2
11 7	5 19.67	+34 40.3	2.021	2.865	12.4	21.1
11 17	5 11.81	+34 47.1	1.950	2.864	9.2	20.8
11 27	5 1.76	+34 40.2	1.906	2.862	5.9	20.7
12 7	4 50.59	+34 18.0	1.889	2.860	4.0	20.5
12 17	4 39.59	+33 41.2	1.902	2.858	5.7	20.6
12 27	4 30.05	+32 53.8	1.943	2.856	8.9	20.8
1 6	4 22.91	+32 1.7	2.010	2.853	12.1	21.0

143157 2002 XN_{51} 12 6.2 39.°25 1.°5/ 6.7 18

10 28	5 20.80	+28 34.3	1.703	2.490	16.9	19.2
11 7	5 16.86	+28 17.1	1.627	2.498	13.5	19.0
11 17	5 9.95	+27 50.4	1.572	2.506	9.4	18.8
11 27	5 0.82	+27 13.2	1.542	2.514	5.0	18.6
12 7	4 50.69	+26 26.6	1.539	2.523	1.6	18.3
12 17	4 40.90	+25 33.9	1.564	2.531	5.2	18.6
12 27	4 32.77	+24 40.1	1.617	2.541	9.5	18.9
1 6	4 27.19	+23 50.6	1.694	2.550	13.3	19.2

197239 2003 WO_{59} 12 6.2 145°.91 0°.2/ 6.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.45	+21 31.1	2.463	3.237	12.7	20.5
11 7	5 14.07	+21 36.8	2.374	3.239	10.0	20.3
11 17	5 7.61	+21 41.1	2.308	3.241	6.9	20.1
11 27	4 59.59	+21 43.6	2.269	3.243	3.4	19.9
12 7	4 50.79	+21 44.5	2.260	3.245	0.4	19.6
12 17	4 42.08	+21 44.3	2.281	3.246	4.0	19.9
12 27	4 34.36	+21 44.3	2.331	3.248	7.4	20.1
1 6	4 28.32	+21 46.1	2.408	3.250	10.4	20.3

341042 2007 GX_{59} 12 6.2 311°.31 0°.4/ 6.3 18

10 28	5 19.85	+24 3.8	1.442	2.248	18.6	21.1
11 7	5 16.98	+24 1.3	1.352	2.234	14.9	20.8
11 17	5 10.64	+23 53.7	1.280	2.220	10.4	20.5
11 27	5 1.44	+23 39.9	1.231	2.207	5.2	20.2
12 7	4 50.61	+23 20.1	1.208	2.193	0.6	19.8
12 17	4 39.75	+22 56.1	1.212	2.181	6.1	20.2
12 27	4 30.56	+22 31.9	1.241	2.168	11.5	20.5
1 6	4 24.29	+22 11.9	1.293	2.157	16.2	20.7

260233 2004 RE_{265} 12 6.2 47°.79 2°.9/ 6.7 17

10 28	5 24.99	+27 30.7	1.180	1.990	21.7	21.2
11 7	5 21.60	+27 59.9	1.115	1.998	17.4	21.0
11 17	5 14.00	+28 22.2	1.068	2.006	12.3	20.7
11 27	5 3.07	+28 33.2	1.043	2.015	6.7	20.4
12 7	4 50.48	+28 30.2	1.042	2.024	2.9	20.2
12 17	4 38.30	+28 14.1	1.066	2.034	7.0	20.5
12 27	4 28.52	+27 50.1	1.115	2.044	12.3	20.8
1 6	4 22.41	+27 24.8	1.185	2.054	17.0	21.1

339122 2004 RD_{255} 12 6.2 91°.14 17°.7/ 8.2 17

10 28	5 44.97	+49 35.6	1.146	1.883	26.2	20.1
11 7	5 41.49	+52 47.0	1.094	1.893	23.5	19.9
11 17	5 30.66	+55 40.1	1.058	1.903	20.8	19.7
11 27	5 12.54	+57 53.1	1.039	1.913	18.7	19.7
12 7	4 49.58	+59 6.5	1.040	1.924	17.7	19.6
12 17	4 26.43	+59 12.2	1.061	1.933	18.3	19.7
12 27	4 8.09	+58 20.2	1.101	1.943	20.0	19.9
1 6	3 57.28	+56 51.7	1.158	1.953	22.2	20.0

26048 2409 $T\text{-}_2$ 12 6.2 136°.43 1°.2/ 6.5 18

10 28	5 26.89	+26 26.0	1.958	2.725	15.7	20.0
11 7	5 21.18	+26 27.6	1.880	2.740	12.5	19.8
11 17	5 12.68	+26 23.3	1.825	2.754	8.7	19.6
11 27	5 2.12	+26 11.5	1.795	2.767	4.5	19.4
12 7	4 50.60	+25 52.1	1.795	2.779	1.2	19.2
12 17	4 39.41	+25 26.4	1.825	2.791	4.8	19.4
12 27	4 29.75	+24 58.1	1.884	2.801	8.8	19.7
1 6	4 22.51	+24 31.1	1.969	2.811	12.4	20.0

361873 2008 FD_{16} 12 6.2 38°.81 2°.7/ 5.4 18

10 28	5 18.64	+16 49.6	1.942	2.731	15.1	21.0
11 7	5 14.67	+16 20.7	1.860	2.732	12.0	20.8
11 17	5 8.24	+15 51.7	1.799	2.734	8.3	20.5
11 27	4 59.97	+15 24.5	1.764	2.735	4.6	20.3
12 7	4 50.79	+15 1.4	1.757	2.737	2.7	20.2
12 17	4 41.77	+14 44.5	1.780	2.739	5.7	20.4
12 27	4 33.99	+14 35.7	1.829	2.741	9.5	20.6
1 6	4 28.25	+14 36.1	1.904	2.743	12.9	20.8

272079 2005 EW_{286} 12 6.2 199°.42 2°.1/ 7.1 18

10 28	5 19.30	+31 10.6	2.927	3.677	11.4	20.8
11 7	5 14.52	+31 8.8	2.827	3.674	9.2	20.6
11 17	5 7.81	+31 0.0	2.752	3.671	6.6	20.4
11 27	4 59.69	+30 42.9	2.703	3.667	3.8	20.2
12 7	4 50.86	+30 17.4	2.685	3.663	2.1	20.1
12 17	4 42.14	+29 44.6	2.697	3.659	3.8	20.2
12 27	4 34.34	+29 6.8	2.740	3.655	6.6	20.4
1 6	4 28.13	+28 27.4	2.811	3.650	9.2	20.6

321881 2010 SM_{23} 12 6.2 125°.06 0°.8/ 5.9 18

10 28	5 20.27	+21 24.8	2.130	2.909	14.2	21.2
11 7	5 15.74	+21 7.3	2.048	2.916	11.2	21.0
11 17	5 8.86	+20 47.0	1.989	2.923	7.7	20.8
11 27	5 0.24	+20 24.4	1.955	2.929	3.8	20.5
12 7	4 50.81	+20 0.6	1.951	2.936	0.9	20.3
12 17	4 41.57	+19 37.5	1.977	2.942	4.6	20.6
12 27	4 33.55	+19 17.5	2.031	2.948	8.4	20.9
1 6	4 27.50	+19 2.9	2.112	2.953	11.7	21.1

190984 2001 XM_{173} 12 6.2 5°.97 0°.0/ 6.1 18

10 28	5 16.27	+23 34.4	1.145	1.974	20.9	19.7
11 7	5 14.62	+23 24.4	1.078	1.974	16.7	19.4
11 17	5 9.17	+23 8.5	1.029	1.975	11.5	19.1
11 27	5 0.72	+22 46.6	1.001	1.978	5.7	18.8
12 7	4 50.76	+22 20.1	0.997	1.982	0.5	18.5
12 17	4 41.12	+21 52.3	1.017	1.988	6.6	18.9
12 27	4 33.56	+21 27.7	1.061	1.995	12.2	19.3
1 6	4 29.25	+21 10.5	1.126	2.003	17.1	19.6

297298 1998 RF_{22} 12 6.2 80°.92 7°.2/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.23	+41 31.1	1.839	2.578	17.5	20.2
11 7	5 23.10	+42 11.0	1.769	2.593	14.8	20.0
11 17	5 14.43	+42 35.3	1.719	2.608	11.7	19.9
11 27	5 3.10	+42 37.8	1.691	2.623	8.8	19.7
12 7	4 50.57	+42 15.2	1.690	2.638	7.2	19.7
12 17	4 38.51	+41 28.6	1.716	2.653	8.0	19.8
12 27	4 28.51	+40 23.8	1.768	2.668	10.5	19.9
1 6	4 21.57	+39 9.5	1.845	2.683	13.3	20.1

212170 2005 GR_{50} 12 6.2 133°.28 5°.5/ 4.9 18

10 28	5 21.04	+ 5 10.5	2.440	3.194	13.3	20.9
11 7	5 15.79	+ 4 41.4	2.368	3.209	10.9	20.8
11 17	5 8.60	+ 4 19.8	2.319	3.224	8.3	20.6
11 27	5 0.04	+ 4 8.7	2.296	3.238	6.2	20.5
12 7	4 50.85	+ 4 10.1	2.302	3.251	5.5	20.5
12 17	4 41.86	+ 4 24.7	2.338	3.264	6.9	20.6
12 27	4 33.90	+ 4 52.2	2.402	3.276	9.2	20.8
1 6	4 27.57	+ 5 31.1	2.492	3.288	11.6	21.0

451586 2012 BM_{30} 12 6.2 236°.37 2°.2/ 5.6 18

10 28	5 19.05	+16 57.6	2.107	2.889	14.3	21.7
11 7	5 14.88	+16 42.0	2.017	2.886	11.3	21.5
11 17	5 8.37	+16 26.9	1.950	2.883	7.9	21.3
11 27	5 0.07	+16 13.6	1.908	2.880	4.2	21.1
12 7	4 50.85	+16 3.3	1.895	2.876	2.3	20.9
12 17	4 41.71	+15 57.5	1.912	2.873	5.2	21.1
12 27	4 33.68	+15 57.6	1.957	2.869	8.9	21.3
1 6	4 27.57	+16 4.7	2.027	2.865	12.3	21.6

68274 2001 FJ_2 12 6.2 268°.96 5°.3/ 4.3 18

10 28	5 16.60	+ 8 20.4	2.356	3.129	13.2	19.4
11 7	5 12.69	+ 7 28.8	2.258	3.114	10.8	19.2
11 17	5 6.75	+ 6 41.0	2.182	3.098	8.2	19.0
11 27	4 59.25	+ 6 0.5	2.133	3.083	6.0	18.9
12 7	4 50.92	+ 5 30.8	2.112	3.067	5.4	18.8
12 17	4 42.59	+ 5 14.4	2.120	3.052	7.1	18.9
12 27	4 35.15	+ 5 12.8	2.155	3.036	9.8	19.0
1 6	4 29.31	+ 5 25.6	2.215	3.020	12.5	19.2

151784 2003 EL_{58} 12 6.2 164°.90 1°.0/ 6.4 18

10 28	5 22.32	+24 27.6	2.478	3.241	12.9	20.0
11 7	5 17.20	+24 54.5	2.387	3.245	10.2	19.8
11 17	5 9.84	+25 19.2	2.320	3.248	7.1	19.6
11 27	5 0.77	+25 40.0	2.280	3.251	3.6	19.4
12 7	4 50.81	+25 55.9	2.270	3.254	1.1	19.2
12 17	4 40.91	+26 6.5	2.291	3.256	4.0	19.4
12 27	4 32.05	+26 13.1	2.343	3.258	7.4	19.7
1 6	4 25.00	+26 17.5	2.421	3.260	10.5	19.9

473530 2015 XO_{167} 12 6.2 293°.15 0°.8/ 6.6 18

10 28	5 18.85	+27 51.0	2.302	3.074	13.5	20.4
11 7	5 14.66	+27 19.6	2.202	3.065	10.8	20.2
11 17	5 8.17	+26 39.7	2.125	3.056	7.5	20.0
11 27	4 59.96	+25 51.3	2.075	3.047	3.9	19.8
12 7	4 50.89	+24 55.7	2.053	3.038	0.8	19.5
12 17	4 41.96	+23 55.6	2.062	3.029	4.2	19.8
12 27	4 34.16	+22 55.4	2.101	3.021	7.9	20.0
1 6	4 28.27	+21 59.1	2.166	3.012	11.3	20.2

484133 2006 SB_{347} 12 6.2 33°.45 3°.1/ 6.9 17

10 28	5 21.44	+29 14.5	1.570	2.361	18.0	21.2
11 7	5 17.78	+29 43.6	1.501	2.372	14.4	21.0
11 17	5 10.85	+30 5.2	1.453	2.384	10.3	20.8
11 27	5 1.41	+30 15.9	1.428	2.396	5.9	20.5
12 7	4 50.76	+30 13.9	1.429	2.409	3.1	20.4
12 17	4 40.44	+29 59.9	1.458	2.423	5.9	20.6
12 27	4 31.91	+29 37.8	1.513	2.437	10.1	20.9
1 6	4 26.19	+29 12.6	1.592	2.451	13.9	21.2

395806 2012 XX_{12} 12 6.2 299°.95 2°.9/ 6.6 18

10 28	5 22.19	+27 35.0	1.650	2.438	17.3	20.1
11 7	5 18.67	+28 14.8	1.553	2.422	14.1	19.9
11 17	5 11.79	+28 50.9	1.476	2.407	10.1	19.6
11 27	5 2.08	+29 19.6	1.423	2.392	5.7	19.3
12 7	4 50.69	+29 37.7	1.396	2.377	2.9	19.1
12 17	4 39.11	+29 43.8	1.398	2.362	6.1	19.3
12 27	4 29.03	+29 40.0	1.426	2.348	10.7	19.5
1 6	4 21.73	+29 30.7	1.477	2.334	14.9	19.7

380692 2005 JJ_{32} 12 6.2 185°.32 2°.6/ 5.4 16

10 28	5 23.35	+19 18.1	1.648	2.439	17.2	21.9
11 7	5 18.89	+18 32.1	1.565	2.439	13.7	21.7
11 17	5 11.42	+17 42.3	1.503	2.439	9.5	21.4
11 27	5 1.66	+16 51.0	1.466	2.439	5.0	21.2
12 7	4 50.75	+16 1.5	1.457	2.438	2.7	21.0
12 17	4 40.06	+15 17.8	1.476	2.437	6.4	21.3
12 27	4 30.94	+14 44.0	1.522	2.435	10.9	21.5
1 6	4 24.36	+14 22.5	1.592	2.433	14.9	21.8

145625 2006 QR_{107} 12 6.2 60°.41 3°.3/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.86	+18 30.1	1.251	2.062	20.6	19.6
11 7	5 19.75	+17 40.8	1.198	2.083	16.2	19.4
11 17	5 12.10	+16 49.9	1.163	2.103	11.2	19.1
11 27	5 1.93	+16 0.6	1.151	2.124	6.0	18.9
12 7	4 50.74	+15 17.0	1.164	2.145	3.4	18.8
12 17	4 40.19	+14 43.4	1.204	2.166	7.4	19.1
12 27	4 31.76	+14 23.0	1.269	2.187	12.1	19.4
1 6	4 26.38	+14 17.0	1.356	2.208	16.3	19.8

68227 2001 DZ_{20} 12 6.2 139°.80 2°.9/ 7.1 18 R

10 28	5 21.93	+32 4.1	2.754	3.500	12.1	19.4
11 7	5 16.75	+32 32.6	2.668	3.509	9.8	19.3
11 17	5 9.43	+32 54.7	2.604	3.518	7.1	19.1
11 27	5 0.54	+33 8.0	2.569	3.527	4.5	19.0
12 7	4 50.85	+33 11.1	2.562	3.535	2.9	18.9
12 17	4 41.28	+33 4.2	2.587	3.543	4.4	19.0
12 27	4 32.75	+32 49.0	2.641	3.551	7.0	19.2
1 6	4 25.98	+32 28.9	2.723	3.558	9.6	19.4

52310 1991 VJ 12 6.2 59°.01 0°.9/ 6.2 18

10 28	5 38.94	+17 24.0	1.274	2.055	21.9	18.1
11 7	5 31.66	+19 9.5	1.229	2.095	17.2	18.0
11 17	5 20.32	+21 1.3	1.203	2.136	11.7	17.8
11 27	5 5.98	+22 52.1	1.203	2.176	5.7	17.5
12 7	4 50.40	+24 33.6	1.232	2.216	1.0	17.3
12 17	4 35.58	+26 0.1	1.290	2.256	6.3	17.8
12 27	4 23.37	+27 10.9	1.377	2.295	11.4	18.2
1 6	4 14.83	+28 8.9	1.488	2.334	15.5	18.6

493363 2014 WL_{62} 12 6.2 45°.28 2°.6/ 5.3 18

10 28	5 16.91	+17 3.2	2.163	2.949	13.8	21.4
11 7	5 13.00	+16 21.7	2.085	2.956	10.9	21.2
11 17	5 6.93	+15 39.2	2.029	2.963	7.6	21.0
11 27	4 59.31	+14 58.3	2.000	2.970	4.2	20.8
12 7	4 50.97	+14 21.2	1.999	2.977	2.7	20.8
12 17	4 42.83	+13 50.8	2.028	2.985	5.3	20.9
12 27	4 35.80	+13 29.0	2.084	2.992	8.7	21.2
1 6	4 30.57	+13 17.2	2.167	3.000	11.7	21.4

14887 1991 RQ_{14} 12 6.2 68°.83 0°.2/ 6.3 18

10 28	5 19.35	+23 29.3	2.247	3.023	13.7	18.7
11 7	5 14.89	+23 31.0	2.173	3.039	10.8	18.6
11 17	5 8.21	+23 29.5	2.122	3.055	7.4	18.4
11 27	4 59.93	+23 24.5	2.097	3.071	3.6	18.2
12 7	4 50.92	+23 16.1	2.102	3.087	0.4	17.9
12 17	4 42.15	+23 5.5	2.136	3.103	4.1	18.3
12 27	4 34.54	+22 54.5	2.200	3.119	7.7	18.5
1 6	4 28.82	+22 45.3	2.290	3.135	10.8	18.8

72018 2000 XN_{13} 12 6.2 359°.59 7°.7/ 6.8 18

10 28	5 24.16	+34 23.2	1.402	2.189	19.9	17.6
11 7	5 21.18	+36 5.1	1.326	2.187	16.6	17.4
11 17	5 14.07	+37 40.7	1.269	2.185	12.8	17.2
11 27	5 3.39	+39 0.6	1.235	2.185	9.3	17.0
12 7	4 50.60	+39 56.4	1.225	2.185	7.7	16.9
12 17	4 37.69	+40 23.8	1.240	2.186	9.5	17.0
12 27	4 26.86	+40 25.3	1.280	2.188	12.9	17.2
1 6	4 19.66	+40 8.7	1.341	2.191	16.6	17.4

139571 2001 QF_{88} 12 6.2 41°.76 2°.6/ 5.6 18

10 28	5 19.23	+16 50.5	1.707	2.503	16.5	19.6
11 7	5 15.44	+16 29.8	1.635	2.512	13.1	19.4
11 17	5 8.92	+16 9.9	1.584	2.521	9.1	19.2
11 27	5 0.39	+15 52.6	1.558	2.530	4.9	19.0
12 7	4 50.89	+15 39.7	1.559	2.540	2.7	18.9
12 17	4 41.65	+15 33.1	1.588	2.550	6.0	19.1
12 27	4 33.85	+15 34.2	1.644	2.560	10.0	19.4
1 6	4 28.34	+15 43.8	1.724	2.570	13.7	19.6

101060 1998 RE_{4} 12 6.2 62°.72 10°.3/ 9.3 18

10 28	5 34.79	+43 58.0	1.387	2.135	21.9	19.0
11 7	5 29.59	+45 19.2	1.339	2.162	18.7	18.9
11 17	5 19.55	+46 20.2	1.307	2.189	15.2	18.7
11 27	5 5.79	+46 50.4	1.296	2.217	12.0	18.6
12 7	4 50.44	+46 43.6	1.309	2.244	10.3	18.6
12 17	4 35.97	+46 0.8	1.346	2.271	11.0	18.7
12 27	4 24.59	+44 51.0	1.407	2.299	13.2	18.9
1 6	4 17.48	+43 27.1	1.490	2.326	16.0	19.2

86808 2000 GW_{116} 12 6.2 135°.53 3°.3/ 5.3 18

10 28	5 23.69	+15 10.3	1.970	2.746	15.3	21.1
11 7	5 18.44	+14 32.4	1.896	2.760	12.2	20.9
11 17	5 10.71	+13 55.5	1.844	2.773	8.6	20.7
11 27	5 1.18	+13 21.8	1.818	2.785	4.9	20.5
12 7	4 50.84	+12 53.8	1.821	2.797	3.4	20.5
12 17	4 40.78	+12 34.0	1.854	2.808	6.1	20.7
12 27	4 32.07	+12 24.2	1.915	2.818	9.6	20.9
1 6	4 25.49	+12 24.9	2.002	2.828	12.9	21.1

227117 2005 NU_{64} 12 6.2 113°.43 1°.3/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.12	+20 30.4	1.698	2.483	17.1	21.2
11 7	5 20.04	+20 11.0	1.628	2.499	13.5	21.0
11 17	5 12.04	+19 49.1	1.579	2.514	9.2	20.8
11 27	5 1.89	+19 25.6	1.555	2.529	4.6	20.6
12 7	4 50.78	+19 1.7	1.559	2.543	1.4	20.4
12 17	4 40.03	+18 39.8	1.592	2.557	5.6	20.7
12 27	4 30.94	+18 22.7	1.653	2.570	9.9	21.0
1 6	4 24.36	+18 12.8	1.739	2.582	13.7	21.2

129705 1998 SV_{135} 12 6.2 133°.53 3°.7/ 7.1 18

10 28	5 27.18	+32 44.2	2.385	3.128	13.9	20.2
11 7	5 21.22	+33 24.8	2.305	3.144	11.3	20.0
11 17	5 12.67	+33 58.1	2.247	3.159	8.3	19.8
11 27	5 2.19	+34 20.5	2.217	3.173	5.3	19.7
12 7	4 50.75	+34 29.7	2.216	3.186	3.7	19.6
12 17	4 39.49	+34 25.5	2.245	3.199	5.2	19.7
12 27	4 29.56	+34 10.4	2.305	3.211	8.0	19.9
1 6	4 21.80	+33 48.6	2.391	3.223	10.8	20.1

227992 2007 JM_{17} 12 6.2 99°.92 0°.4/ 6.3 18

10 28	5 19.99	+23 20.6	2.475	3.244	12.7	21.2
11 7	5 15.21	+23 30.2	2.397	3.259	10.0	21.0
11 17	5 8.36	+23 37.3	2.342	3.273	6.9	20.8
11 27	5 0.01	+23 41.2	2.314	3.287	3.4	20.6
12 7	4 50.94	+23 41.8	2.316	3.301	0.4	20.4
12 17	4 42.05	+23 39.5	2.349	3.315	3.9	20.7
12 27	4 34.22	+23 36.0	2.411	3.328	7.2	20.9
1 6	4 28.13	+23 33.0	2.500	3.341	10.1	21.2

273309 2006 ST_{258} 12 6.2 310°.21 1°.2/ 6.4 18

10 28	5 21.46	+24 52.8	1.358	2.165	19.5	21.3
11 7	5 18.54	+25 3.6	1.271	2.154	15.7	21.0
11 17	5 11.91	+25 9.7	1.204	2.143	11.0	20.7
11 27	5 2.20	+25 9.1	1.158	2.133	5.6	20.4
12 7	4 50.73	+25 0.6	1.138	2.123	1.2	20.1
12 17	4 39.23	+24 45.1	1.144	2.113	6.4	20.4
12 27	4 29.56	+24 26.5	1.175	2.104	11.8	20.7
1 6	4 23.06	+24 9.6	1.229	2.095	16.7	20.9

325400 2009 EU_{30} 12 6.2 148°.10 2°.1/ 6.5 18

10 28	5 27.71	+25 48.1	1.552	2.337	18.4	21.1
11 7	5 22.89	+26 24.5	1.474	2.342	14.8	20.9
11 17	5 14.52	+26 57.5	1.415	2.347	10.4	20.7
11 27	5 3.33	+27 23.5	1.380	2.351	5.5	20.4
12 7	4 50.64	+27 39.5	1.373	2.356	2.2	20.2
12 17	4 38.11	+27 44.9	1.394	2.359	6.0	20.5
12 27	4 27.41	+27 42.4	1.442	2.363	10.7	20.7
1 6	4 19.73	+27 36.4	1.514	2.366	14.9	21.0

351087 2003 UX_{125} 12 6.2 4°.41 1°.0/ 6.1 18

10 28	5 18.51	+19 38.2	1.389	2.202	18.8	20.2
11 7	5 15.75	+19 45.9	1.315	2.201	15.0	19.9
11 17	5 9.66	+19 54.2	1.260	2.202	10.3	19.7
11 27	5 0.95	+20 2.9	1.227	2.203	5.1	19.4
12 7	4 50.87	+20 12.0	1.221	2.205	1.2	19.1
12 17	4 40.94	+20 22.0	1.240	2.208	6.1	19.5
12 27	4 32.72	+20 34.6	1.285	2.212	11.2	19.8
1 6	4 27.32	+20 51.1	1.353	2.217	15.5	20.0

20513 Lazio 12 6.2 76°.26 1°.5/ 5.8 18

10 28	5 21.27	+20 10.9	1.710	2.502	16.7	18.7
11 7	5 17.12	+19 50.8	1.635	2.510	13.2	18.5
11 17	5 10.12	+19 28.5	1.580	2.517	9.1	18.3
11 27	5 1.00	+19 4.9	1.551	2.525	4.5	18.1
12 7	4 50.88	+18 41.6	1.549	2.533	1.6	17.9
12 17	4 41.01	+18 20.9	1.576	2.540	5.6	18.2
12 27	4 32.65	+18 5.6	1.630	2.548	9.9	18.4
1 6	4 26.69	+17 57.6	1.708	2.556	13.7	18.7

483434 2001 GE_{1} 12 6.2 209°.52 8°.6/ 4.2 18

10 28	5 21.85	− 7 18.5	2.717	3.421	13.2	22.0
11 7	5 16.42	− 7 57.7	2.627	3.413	11.6	21.9
11 17	5 9.11	− 8 23.8	2.560	3.404	10.0	21.7
11 27	5 0.40	− 8 32.4	2.517	3.394	8.9	21.7
12 7	4 50.94	− 8 20.5	2.501	3.384	8.6	21.6
12 17	4 41.53	− 7 46.9	2.513	3.373	9.4	21.7
12 27	4 32.96	− 6 52.6	2.552	3.361	11.0	21.8
1 6	4 25.87	− 5 40.9	2.615	3.348	12.7	21.9

379866 2012 HP_{14} 12 6.2 96°.00 4°.1/ 5.6 18

10 28	5 24.99	+13 17.5	1.511	2.303	18.5	20.9
11 7	5 20.18	+12 59.3	1.446	2.318	14.8	20.7
11 17	5 12.27	+12 45.9	1.402	2.334	10.5	20.4
11 27	5 2.06	+12 39.6	1.382	2.349	6.1	20.2
12 7	4 50.80	+12 42.3	1.388	2.365	4.1	20.2
12 17	4 39.92	+12 54.8	1.422	2.379	7.1	20.4
12 27	4 30.78	+13 17.5	1.483	2.394	11.3	20.6
1 6	4 24.31	+13 49.6	1.567	2.408	15.1	20.9

225360 1998 WF_{30} 12 6.2 5°.11 1°.1/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.92	+24 16.9	1.136	1.963	21.2	20.3
11 7	5 16.12	+24 31.8	1.068	1.962	17.0	20.0
11 17	5 10.37	+24 42.1	1.018	1.963	11.8	19.7
11 27	5 1.43	+24 46.1	0.989	1.965	6.0	19.4
12 7	4 50.84	+24 42.8	0.983	1.968	1.2	19.1
12 17	4 40.50	+24 33.5	1.002	1.972	6.7	19.5
12 27	4 32.30	+24 21.9	1.044	1.978	12.3	19.8
1 6	4 27.50	+24 12.5	1.107	1.985	17.2	20.1

516077 2015 TK_{303} 12 6.2 109°.10 2°.5/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.82	+16 24.2	2.014	2.798	14.8	21.7
11 7	5 15.51	+16 4.8	1.934	2.804	11.7	21.5
11 17	5 8.81	+15 46.4	1.876	2.809	8.2	21.3
11 27	5 0.31	+15 30.3	1.844	2.814	4.5	21.1
12 7	4 50.95	+15 18.2	1.840	2.820	2.6	21.0
12 17	4 41.76	+15 11.5	1.865	2.825	5.4	21.2
12 27	4 33.78	+15 11.8	1.919	2.830	9.1	21.4
1 6	4 27.80	+15 19.7	1.998	2.835	12.4	21.6

335660 2006 SX_{1} 12 6.2 103°.21 2°.1/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.36	+31 13.3	2.733	3.489	12.0	20.8
11 7	5 13.91	+31 8.2	2.643	3.493	9.6	20.7
11 17	5 7.48	+30 55.6	2.576	3.497	6.9	20.5
11 27	4 59.59	+30 34.4	2.537	3.501	4.0	20.3
12 7	4 51.04	+30 4.7	2.526	3.505	2.1	20.2
12 17	4 42.65	+29 27.7	2.547	3.509	3.9	20.3
12 27	4 35.27	+28 46.4	2.597	3.513	6.8	20.5
1 6	4 29.55	+28 4.1	2.674	3.517	9.5	20.7

88725 2001 SE_{29} 12 6.2 294°.86 2°.2/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.80	+17 45.5	1.928	2.717	15.2	19.5
11 7	5 14.99	+17 24.3	1.838	2.711	12.1	19.3
11 17	5 8.64	+17 2.7	1.769	2.705	8.4	19.1
11 27	5 0.32	+16 42.0	1.726	2.698	4.5	18.8
12 7	4 50.97	+16 24.1	1.711	2.692	2.3	18.7
12 17	4 41.69	+16 10.7	1.724	2.686	5.5	18.9
12 27	4 33.62	+16 4.0	1.765	2.680	9.5	19.1
1 6	4 27.62	+16 5.3	1.831	2.674	13.1	19.3

412819 2014 PQ_{39} 12 6.2 46°.51 5°.6/ 4.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.24	+ 8 19.2	2.046	2.827	14.7	20.9
11 7	5 13.36	+ 7 33.7	1.970	2.831	12.0	20.8
11 17	5 7.27	+ 6 54.0	1.916	2.835	9.0	20.6
11 27	4 59.55	+ 6 23.6	1.888	2.840	6.4	20.4
12 7	4 51.05	+ 6 5.9	1.886	2.845	5.7	20.4
12 17	4 42.71	+ 6 2.8	1.913	2.849	7.4	20.5
12 27	4 35.48	+ 6 14.8	1.967	2.854	10.2	20.7
1 6	4 30.09	+ 6 40.6	2.044	2.859	13.1	20.9

370504 2003 SM_{88} 12 6.2 92°.96 5°.0/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.33	+32 54.2	1.474	2.248	19.7	21.1
11 7	5 25.17	+33 39.0	1.410	2.267	16.0	20.9
11 17	5 16.12	+34 13.2	1.365	2.285	11.8	20.7
11 27	5 4.09	+34 30.9	1.343	2.303	7.5	20.5
12 7	4 50.67	+34 28.3	1.347	2.320	5.0	20.4
12 17	4 37.75	+34 6.2	1.379	2.337	7.1	20.6
12 27	4 27.10	+33 29.9	1.437	2.354	11.1	20.8
1 6	4 19.84	+32 47.5	1.519	2.370	14.9	21.1

298460 2003 UF_{128} 12 6.2 109°.92 0°.2/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.54	+24 38.3	1.818	2.604	16.1	20.4
11 7	5 17.28	+24 8.2	1.735	2.606	12.8	20.2
11 17	5 10.22	+23 31.1	1.673	2.608	8.8	20.0
11 27	5 1.08	+22 47.6	1.636	2.611	4.3	19.7
12 7	4 50.93	+21 59.4	1.628	2.613	0.4	19.4
12 17	4 41.03	+21 9.9	1.648	2.615	5.1	19.8
12 27	4 32.60	+20 23.5	1.697	2.617	9.4	20.1
1 6	4 26.53	+19 44.1	1.771	2.619	13.2	20.3

399479 2002 RP_{273} 12 6.2 218°.65 5°.3/ 4.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.00	+ 8 10.2	2.249	3.017	13.9	21.7
11 7	5 15.44	+ 7 29.6	2.156	3.009	11.4	21.5
11 17	5 8.70	+ 6 54.0	2.085	3.001	8.6	21.3
11 27	5 0.29	+ 6 26.7	2.041	2.992	6.1	21.1
12 7	4 51.00	+ 6 10.7	2.025	2.983	5.4	21.0
12 17	4 41.74	+ 6 8.0	2.038	2.973	7.1	21.1
12 27	4 33.47	+ 6 19.5	2.079	2.963	10.0	21.3
1 6	4 26.95	+ 6 44.2	2.145	2.952	12.8	21.5

104265 2000 EK_{146} 12 6.2 306°.49 5°.2/ 4.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.75	+13 53.5	1.728	2.525	16.3	19.7
11 7	5 14.41	+12 37.9	1.637	2.512	13.2	19.4
11 17	5 8.38	+11 20.7	1.568	2.499	9.6	19.2
11 27	5 0.24	+10 6.6	1.524	2.487	6.3	19.0
12 7	4 51.00	+ 9 1.3	1.506	2.475	5.4	18.9
12 17	4 41.81	+ 8 9.9	1.517	2.463	8.0	19.0
12 27	4 33.92	+ 7 36.3	1.553	2.451	11.8	19.2
1 6	4 28.24	+ 7 21.5	1.613	2.440	15.4	19.4

227129 2005 OE_{9} 12 6.2 94°.38 3°.1/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 29.51	+30 10.3	1.669	2.439	17.9	20.9
11 7	5 23.78	+30 33.4	1.607	2.464	14.3	20.7
11 17	5 14.73	+30 47.7	1.564	2.488	10.2	20.5
11 27	5 3.26	+30 49.7	1.546	2.512	5.9	20.3
12 7	4 50.76	+30 37.7	1.556	2.536	3.1	20.2
12 17	4 38.79	+30 13.3	1.595	2.558	5.8	20.4
12 27	4 28.78	+29 40.8	1.662	2.581	9.7	20.7
1 6	4 21.69	+29 6.3	1.754	2.602	13.4	21.0

45152 1999 XO_{112} 12 6.2 175°.77 11°.3/10.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 41.55	+53 28.7	2.063	2.724	18.0	19.3
11 7	5 34.78	+54 41.8	1.981	2.727	16.1	19.1
11 17	5 23.26	+55 35.9	1.917	2.730	14.1	19.0
11 27	5 7.82	+56 0.6	1.874	2.731	12.4	18.9
12 7	4 50.36	+55 48.5	1.854	2.732	11.4	18.8
12 17	4 33.32	+54 57.8	1.860	2.732	11.6	18.8
12 27	4 19.07	+53 34.4	1.890	2.731	12.9	18.9
1 6	4 9.05	+51 49.7	1.944	2.730	14.8	19.0

291465 2006 DF_{66} 12 6.2 231°.49 2°.3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.95	+28 34.9	2.461	3.223	13.0	20.7
11 7	5 16.35	+29 4.6	2.364	3.218	10.5	20.5
11 17	5 9.43	+29 29.9	2.289	3.213	7.5	20.3
11 27	5 0.69	+29 48.5	2.241	3.207	4.3	20.1
12 7	4 50.98	+29 58.9	2.222	3.202	2.3	19.9
12 17	4 41.25	+30 0.7	2.234	3.196	4.4	20.1
12 27	4 32.55	+29 55.6	2.275	3.190	7.7	20.3
1 6	4 25.71	+29 46.4	2.343	3.184	10.7	20.4

328820 2009 VY_{105} 12 6.2 25°.68 4°.3/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.60	+10 42.4	1.922	2.709	15.3	20.0
11 7	5 13.84	+10 27.0	1.847	2.715	12.3	19.8
11 17	5 7.71	+10 17.4	1.794	2.721	8.9	19.6
11 27	4 59.82	+10 16.2	1.765	2.728	5.7	19.5
12 7	4 51.06	+10 24.9	1.765	2.735	4.4	19.4
12 17	4 42.46	+10 44.3	1.792	2.743	6.5	19.6
12 27	4 35.06	+11 14.3	1.846	2.751	9.8	19.8
1 6	4 29.63	+11 53.5	1.926	2.759	13.0	20.0

168259 2006 MM_{9} 12 6.2 133°.01 7°.0/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.35	+ 3 46.2	1.923	2.692	15.9	20.0
11 7	5 15.97	+ 3 13.3	1.846	2.695	13.2	19.9
11 17	5 9.17	+ 2 50.8	1.790	2.697	10.3	19.7
11 27	5 0.54	+ 2 42.8	1.759	2.700	7.8	19.5
12 7	4 51.00	+ 2 52.2	1.755	2.703	7.1	19.5
12 17	4 41.61	+ 3 20.1	1.778	2.705	8.6	19.6
12 27	4 33.42	+ 4 5.4	1.828	2.707	11.4	19.8
1 6	4 27.24	+ 5 5.2	1.902	2.710	14.2	20.0

309418 2007 TC_{364} 12 6.2 326°.46 0°.2/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.01	+24 38.2	1.617	2.418	17.1	20.5
11 7	5 15.12	+24 22.6	1.525	2.405	13.7	20.2
11 17	5 9.15	+24 0.5	1.453	2.392	9.5	19.9
11 27	5 0.73	+23 31.6	1.405	2.380	4.8	19.6
12 7	4 50.97	+22 56.9	1.384	2.369	0.4	19.3
12 17	4 41.26	+22 19.1	1.389	2.358	5.5	19.6
12 27	4 33.03	+21 42.5	1.422	2.348	10.4	19.9
1 6	4 27.35	+21 11.4	1.478	2.338	14.7	20.1

48716 1996 RH_{3} 12 6.2 203°.33 1°.7/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.04	+16 54.8	2.956	3.723	10.9	20.0
11 7	5 12.61	+16 38.2	2.859	3.719	8.6	19.8
11 17	5 6.49	+16 21.6	2.785	3.715	6.0	19.6
11 27	4 59.13	+16 6.1	2.740	3.710	3.2	19.5
12 7	4 51.12	+15 52.7	2.725	3.705	1.8	19.3
12 17	4 43.17	+15 42.6	2.741	3.699	4.0	19.5
12 27	4 35.98	+15 36.9	2.787	3.693	6.8	19.7
1 6	4 30.13	+15 36.5	2.860	3.687	9.4	19.8

306137 2010 JP_{148} 12 6.2 171°.59 5°.7/ 4.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.03	+ 8 0.5	2.210	2.978	14.1	21.4
11 7	5 15.38	+ 7 2.6	2.128	2.981	11.5	21.2
11 17	5 8.58	+ 6 9.2	2.070	2.983	8.7	21.0
11 27	5 0.20	+ 5 24.5	2.037	2.985	6.4	20.9
12 7	4 51.05	+ 4 52.0	2.034	2.987	5.8	20.9
12 17	4 42.05	+ 4 34.2	2.059	2.988	7.5	21.0
12 27	4 34.12	+ 4 32.3	2.111	2.988	10.2	21.2
1 6	4 27.96	+ 4 45.4	2.188	2.989	12.8	21.3

227098 2005 MU_{42} 12 6.2 137°.94 0°.1/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.09	+23 44.1	1.871	2.645	16.1	21.7
11 7	5 20.70	+23 36.4	1.793	2.658	12.7	21.5
11 17	5 12.48	+23 24.3	1.737	2.670	8.8	21.3
11 27	5 2.17	+23 7.1	1.707	2.681	4.3	21.1
12 7	4 50.89	+22 45.4	1.706	2.691	0.4	20.8
12 17	4 39.89	+22 20.9	1.735	2.701	4.9	21.2
12 27	4 30.44	+21 56.9	1.792	2.710	9.2	21.4
1 6	4 23.40	+21 36.7	1.875	2.718	12.9	21.7

264129 2009 TP_{40} 12 6.2 1.°41 4.°6/ 5.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.69	+ 9 38.4	1.991	2.774	15.0	20.0
11 7	5 13.90	+ 9 24.4	1.909	2.773	12.1	19.8
11 17	5 7.77	+ 9 16.9	1.848	2.773	8.9	19.6
11 27	4 59.88	+ 9 18.5	1.813	2.773	5.8	19.5
12 7	4 51.07	+ 9 30.8	1.805	2.774	4.6	19.4
12 17	4 42.36	+ 9 54.6	1.826	2.774	6.7	19.5
12 27	4 34.77	+10 29.5	1.874	2.776	9.9	19.7
1 6	4 29.09	+11 14.1	1.946	2.777	13.0	19.9

422363 2014 SB_{233} 12 6.2 64.°01 0.°2/ 6.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.88	+23 0.9	2.136	2.915	14.2	21.2
11 7	5 15.46	+23 5.8	2.064	2.931	11.2	21.0
11 17	5 8.71	+23 7.9	2.013	2.947	7.7	20.8
11 27	5 0.27	+23 6.8	1.989	2.963	3.8	20.6
12 7	4 51.05	+23 2.6	1.994	2.979	0.3	20.3
12 17	4 42.07	+22 56.0	2.028	2.995	4.3	20.7
12 27	4 34.32	+22 49.1	2.092	3.011	8.0	21.0
1 6	4 28.54	+22 43.9	2.181	3.028	11.2	21.2

273054 2006 DF_{165} 12 6.2 171.°42 4.°1/ 4.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.68	+ 8 34.6	2.865	3.626	11.4	21.6
11 7	5 12.27	+ 8 1.4	2.779	3.628	9.2	21.4
11 17	5 6.22	+ 7 32.4	2.716	3.631	6.9	21.3
11 27	4 58.99	+ 7 9.9	2.681	3.633	4.8	21.2
12 7	4 51.17	+ 6 55.9	2.676	3.634	4.2	21.1
12 17	4 43.44	+ 6 51.7	2.701	3.635	5.6	21.2
12 27	4 36.49	+ 6 58.0	2.754	3.636	7.9	21.4
1 6	4 30.87	+ 7 14.3	2.834	3.637	10.1	21.5

158438 2002 CJ_{61} 12 6.2 323.°02 5.°9/ 7.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.59	+36 32.0	1.923	2.683	16.2	20.4
11 7	5 18.74	+37 23.8	1.832	2.675	13.5	20.2
11 17	5 11.68	+38 6.0	1.761	2.668	10.4	20.0
11 27	5 2.03	+38 33.2	1.714	2.661	7.5	19.8
12 7	4 50.90	+38 41.2	1.693	2.654	5.9	19.7
12 17	4 39.77	+38 29.2	1.700	2.647	7.2	19.8
12 27	4 30.14	+38 0.2	1.734	2.641	10.2	20.0
1 6	4 23.19	+37 20.2	1.791	2.635	13.3	20.1

48063 2001 EP_{9} 12 6.2 202.°77 5.°0/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.26	+12 17.9	1.617	2.408	17.5	19.7
11 7	5 18.10	+11 37.5	1.536	2.406	14.1	19.4
11 17	5 10.98	+11 0.6	1.475	2.405	10.3	19.2
11 27	5 1.56	+10 30.8	1.438	2.402	6.5	19.0
12 7	4 50.96	+10 11.7	1.429	2.400	5.1	18.9
12 17	4 40.49	+10 5.7	1.447	2.398	7.8	19.1
12 27	4 31.49	+10 14.4	1.491	2.395	11.8	19.3
1 6	4 24.96	+10 37.1	1.558	2.392	15.5	19.5

107378 2001 CU_{36} 12 6.2 139.°15 11.°6/ 4.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.85	− 8 20.0	1.955	2.676	17.2	19.7
11 7	5 18.51	− 9 37.9	1.897	2.690	15.1	19.6
11 17	5 10.75	−10 38.1	1.859	2.703	13.2	19.5
11 27	5 1.26	−11 13.5	1.844	2.715	11.9	19.4
12 7	4 51.00	−11 19.4	1.852	2.726	11.6	19.4
12 17	4 41.03	−10 54.5	1.886	2.736	12.5	19.5
12 27	4 32.38	−10 1.0	1.944	2.746	14.1	19.6
1 6	4 25.79	− 8 44.3	2.023	2.755	16.0	19.8

373915 2003 UO_{129} 12 6.2 82.°76 3.°9/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.98	+32 21.1	1.425	2.204	20.0	20.9
11 7	5 24.73	+32 34.2	1.366	2.227	16.2	20.7
11 17	5 15.66	+32 34.8	1.325	2.250	11.6	20.5
11 27	5 3.81	+32 18.9	1.308	2.273	6.9	20.3
12 7	4 50.80	+31 45.1	1.317	2.295	3.9	20.2
12 17	4 38.50	+30 56.5	1.353	2.317	6.5	20.4
12 27	4 28.54	+29 59.9	1.416	2.338	10.8	20.7
1 6	4 21.92	+29 3.3	1.503	2.359	14.8	21.0

375220 2008 FN_{46} 12 6.2 349.°90 1.°3/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 14.38	+23 56.6	0.974	1.819	22.7	20.6
11 7	5 14.08	+24 18.1	0.904	1.808	18.2	20.3
11 17	5 9.50	+24 36.0	0.849	1.799	12.8	20.0
11 27	5 1.28	+24 48.2	0.814	1.791	6.6	19.6
12 7	4 50.98	+24 53.0	0.801	1.786	1.4	19.3
12 17	4 40.72	+24 50.8	0.810	1.782	7.4	19.6
12 27	4 32.75	+24 45.3	0.841	1.780	13.6	20.0
1 6	4 28.57	+24 41.3	0.891	1.781	19.1	20.3

408980 2002 RB_{126} 12 6.3 266.°97 13.°2/ 5.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	6 6.88	+42 58.7	1.511	2.197	22.7	22.3
11 7	5 59.57	+45 0.8	1.366	2.150	20.4	22.0
11 17	5 44.74	+47 5.8	1.238	2.098	17.4	21.6
11 27	5 21.10	+48 54.1	1.132	2.042	14.4	21.2
12 7	4 49.18	+49 56.1	1.054	1.981	13.2	21.0
12 17	4 12.75	+49 43.8	1.005	1.915	15.5	20.9
12 27	3 38.30	+48 11.7	0.985	1.844	20.5	20.9
1 6	3 11.14	+45 44.4	0.989	1.767	26.3	21.0

184685 2005 SN_{86} 12 6.3 36.°73 1.°5/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.09	+19 19.1	1.890	2.680	15.4	20.9
11 7	5 15.21	+19 6.5	1.811	2.684	12.2	20.7
11 17	5 8.76	+18 53.0	1.753	2.689	8.4	20.4
11 27	5 0.40	+18 39.3	1.720	2.694	4.2	20.2
12 7	4 51.10	+18 26.6	1.716	2.699	1.6	20.0
12 17	4 41.97	+18 16.6	1.740	2.705	5.1	20.3
12 27	4 34.14	+18 11.0	1.792	2.710	9.2	20.5
1 6	4 28.44	+18 11.5	1.869	2.716	12.7	20.8

260361 2004 TO_{353} 12 6.3 19.°24 0.°2/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.56	+22 25.0	1.571	2.376	17.3	20.7
11 7	5 14.54	+22 23.4	1.502	2.384	13.7	20.5
11 17	5 8.56	+22 18.8	1.453	2.393	9.4	20.2
11 27	5 0.36	+22 11.1	1.429	2.404	4.6	20.0
12 7	4 51.11	+22 0.7	1.430	2.415	0.4	19.7
12 17	4 42.13	+21 49.3	1.459	2.427	5.3	20.1
12 27	4 34.73	+21 39.6	1.514	2.441	9.9	20.4
1 6	4 29.82	+21 33.9	1.593	2.454	13.8	20.7

522080 2015 XJ_{420} 12 6.3 0.°85 3.°2/ 5.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.47	+16 40.0	1.996	2.785	14.7	20.9
11 7	5 13.74	+15 46.0	1.912	2.785	11.7	20.7
11 17	5 7.65	+14 50.5	1.851	2.785	8.2	20.5
11 27	4 59.82	+13 56.3	1.816	2.785	4.7	20.3
12 7	4 51.15	+13 6.9	1.808	2.785	3.4	20.2
12 17	4 42.65	+12 25.8	1.830	2.785	6.0	20.4
12 27	4 35.33	+11 55.9	1.880	2.786	9.6	20.6
1 6	4 29.96	+11 38.6	1.954	2.787	12.9	20.8

418575 2008 SY_{184} 12 6.3 1.°07 4.°2/ 4.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.85	+15 41.4	1.934	2.728	14.9	20.5
11 7	5 12.50	+14 21.4	1.853	2.727	11.9	20.3
11 17	5 6.81	+12 59.1	1.794	2.727	8.5	20.1
11 27	4 59.41	+11 38.7	1.761	2.727	5.3	19.9
12 7	4 51.19	+10 25.4	1.757	2.728	4.4	19.9
12 17	4 43.17	+ 9 23.9	1.781	2.729	6.9	20.0
12 27	4 36.34	+ 8 37.8	1.832	2.731	10.2	20.3
1 6	4 31.46	+ 8 8.4	1.907	2.733	13.4	20.5

83410 2001 SN_{37} 12 6.3 198.°49 4.°3/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.99	+11 25.2	2.271	3.044	13.6	19.4
11 7	5 14.61	+10 44.0	2.182	3.042	11.0	19.2
11 17	5 8.12	+10 5.6	2.117	3.040	8.0	19.0
11 27	5 0.04	+ 9 32.8	2.078	3.037	5.3	18.8
12 7	4 51.15	+ 9 8.4	2.067	3.034	4.3	18.8
12 17	4 42.37	+ 8 54.6	2.087	3.031	6.3	18.9
12 27	4 34.59	+ 8 52.5	2.134	3.027	9.3	19.1
1 6	4 28.53	+ 9 2.3	2.206	3.023	12.2	19.3

130305 2000 EW_{88} 12 6.3 359.°80 9.°2/ 4.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.06	− 1 28.4	1.874	2.640	16.3	19.0
11 7	5 12.71	− 2 17.2	1.801	2.638	14.0	18.8
11 17	5 7.01	− 2 52.0	1.749	2.637	11.6	18.6
11 27	4 59.55	− 3 7.3	1.719	2.637	9.7	18.5
12 7	4 51.20	− 2 59.0	1.714	2.637	9.3	18.5
12 17	4 42.98	− 2 26.1	1.735	2.638	10.5	18.6
12 27	4 35.92	− 1 29.9	1.780	2.640	12.7	18.7
1 6	4 30.78	− 0 14.6	1.848	2.642	15.1	18.9

193830 2001 QS_{41} 12 6.3 265.°16 3.°8/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.85	+10 33.3	2.469	3.242	12.7	19.9
11 7	5 12.80	+10 14.4	2.379	3.238	10.2	19.7
11 17	5 6.81	+ 9 59.9	2.312	3.235	7.4	19.5
11 27	4 59.39	+ 9 51.7	2.271	3.231	4.8	19.3
12 7	4 51.22	+ 9 51.6	2.260	3.228	3.9	19.3
12 17	4 43.10	+10 0.6	2.277	3.224	5.7	19.4
12 27	4 35.87	+10 19.0	2.324	3.221	8.5	19.6
1 6	4 30.17	+10 46.4	2.396	3.217	11.2	19.7

22731 1998 SD_{122} 12 6.3 204.°28 2.°4/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.65	+17 14.2	2.392	3.170	12.9	18.2
11 7	5 13.49	+16 37.1	2.302	3.169	10.2	18.0
11 17	5 7.31	+15 58.9	2.235	3.167	7.1	17.8
11 27	4 59.63	+15 21.5	2.196	3.166	3.9	17.6
12 7	4 51.21	+14 47.1	2.185	3.164	2.4	17.5
12 17	4 42.91	+14 17.8	2.205	3.162	4.9	17.6
12 27	4 35.59	+13 56.0	2.254	3.161	8.2	17.8
1 6	4 29.92	+13 42.9	2.328	3.159	11.1	18.0

90615 6762 $P–L$ 12 6.3 131.°14 1.°5/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.58	+26 24.2	1.908	2.678	16.0	20.6
11 7	5 21.18	+26 39.7	1.831	2.692	12.7	20.4
11 17	5 12.91	+26 50.3	1.775	2.704	8.9	20.2
11 27	5 2.47	+26 53.5	1.746	2.716	4.7	20.0
12 7	4 50.99	+26 48.6	1.744	2.728	1.6	19.8
12 17	4 39.77	+26 36.2	1.773	2.739	4.9	20.0
12 27	4 30.09	+26 19.2	1.830	2.749	9.0	20.3
1 6	4 22.86	+26 1.5	1.913	2.759	12.6	20.6

334034 2000 YE_{140} 12 6.3 346°.58 16°.3/ 4.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.47	+43 14.6	1.101	1.895	23.9	18.6
11 7	5 20.02	+46 26.1	1.028	1.876	21.3	18.4
11 17	5 15.23	+49 30.4	0.972	1.859	18.7	18.1
11 27	5 5.01	+52 9.9	0.935	1.844	16.8	18.0
12 7	4 50.70	+54 6.5	0.917	1.831	16.3	17.9
12 17	4 35.23	+55 7.7	0.919	1.821	17.6	17.9
12 27	4 22.52	+55 14.5	0.939	1.813	19.9	18.1
1 6	4 15.50	+54 39.6	0.975	1.807	22.8	18.2

298578 2003 YC_{20} 12 6.3 6°.74 0°.4/ 6.2 18

10 28	5 19.57	+20 28.8	1.480	2.286	18.2	19.9
11 7	5 16.47	+20 45.9	1.404	2.287	14.4	19.6
11 17	5 10.15	+21 3.4	1.348	2.288	10.0	19.4
11 27	5 1.28	+21 20.4	1.315	2.290	4.9	19.1
12 7	4 51.08	+21 36.2	1.308	2.293	0.6	18.8
12 17	4 41.00	+21 50.7	1.328	2.296	5.7	19.2
12 27	4 32.56	+22 5.3	1.374	2.300	10.6	19.5
1 6	4 26.83	+22 21.8	1.443	2.305	14.9	19.7

410140 2007 HK_{26} 12 6.3 95°.91 4°.7/ 4.3 18

10 28	5 17.73	+10 57.0	2.380	3.153	13.1	20.8
11 7	5 13.36	+ 9 48.4	2.306	3.165	10.5	20.7
11 17	5 7.09	+ 8 42.1	2.257	3.177	7.8	20.5
11 27	4 59.47	+ 7 41.8	2.234	3.188	5.4	20.4
12 7	4 51.25	+ 6 51.1	2.240	3.200	4.8	20.4
12 17	4 43.25	+ 6 12.9	2.277	3.211	6.5	20.5
12 27	4 36.26	+ 5 48.9	2.341	3.222	9.1	20.7
1 6	4 30.88	+ 5 39.2	2.430	3.234	11.6	20.9

333331 2001 QD_{294} 12 6.3 96°.49 2°.6/ 6.9 18

10 28	5 28.97	+29 46.6	1.734	2.502	17.4	21.3
11 7	5 23.21	+29 57.5	1.670	2.527	13.9	21.1
11 17	5 14.30	+29 59.6	1.627	2.552	9.8	20.9
11 27	5 3.11	+29 50.1	1.608	2.576	5.5	20.7
12 7	4 50.98	+29 28.2	1.618	2.599	2.6	20.6
12 17	4 39.37	+28 55.9	1.657	2.622	5.4	20.8
12 27	4 29.64	+28 17.8	1.725	2.644	9.4	21.1
1 6	4 22.68	+27 39.4	1.817	2.665	13.0	21.4

109080 2001 QM_{26} 12 6.3 96°.62 4°.5/ 5.5 18

10 28	5 23.27	+12 6.4	1.619	2.408	17.6	19.7
11 7	5 18.72	+11 43.0	1.551	2.420	14.1	19.5
11 17	5 11.29	+11 24.9	1.502	2.432	10.1	19.3
11 27	5 1.70	+11 14.8	1.478	2.444	6.2	19.1
12 7	4 51.10	+11 14.8	1.482	2.455	4.5	19.0
12 17	4 40.78	+11 26.1	1.513	2.466	7.2	19.2
12 27	4 32.03	+11 48.9	1.571	2.478	11.1	19.4
1 6	4 25.73	+12 22.3	1.652	2.489	14.6	19.7

78466 2002 RR_{43} 12 6.3 127°.26 0°.5/ 6.1 18

10 28	5 18.76	+21 9.8	2.717	3.484	11.8	20.6
11 7	5 14.09	+21 4.3	2.634	3.495	9.3	20.4
11 17	5 7.58	+20 57.2	2.574	3.506	6.3	20.3
11 27	4 59.73	+20 48.5	2.543	3.516	3.1	20.1
12 7	4 51.26	+20 38.7	2.541	3.526	0.6	19.9
12 17	4 42.92	+20 28.9	2.571	3.536	3.7	20.1
12 27	4 35.51	+20 20.4	2.630	3.545	6.8	20.4
1 6	4 29.63	+20 14.7	2.717	3.554	9.5	20.6

335381 2005 SA_{232} 12 6.3 93°.79 0°.9/ 6.5 18

10 28	5 26.83	+24 57.9	1.659	2.440	17.5	21.9
11 7	5 21.59	+25 2.7	1.594	2.462	13.9	21.7
11 17	5 13.25	+25 2.4	1.549	2.482	9.6	21.5
11 27	5 2.63	+24 55.6	1.530	2.503	4.8	21.2
12 7	4 51.03	+24 42.0	1.538	2.523	0.9	21.0
12 17	4 39.87	+24 23.4	1.575	2.542	5.2	21.3
12 27	4 30.50	+24 3.1	1.640	2.562	9.6	21.6
1 6	4 23.82	+23 44.9	1.730	2.580	13.4	21.9

394992 2009 BW_{58} 12 6.3 173°.30 0°.0/ 6.3 18

10 28	5 22.67	+22 25.2	2.147	2.920	14.3	21.8
11 7	5 17.82	+22 28.5	2.058	2.922	11.4	21.6
11 17	5 10.50	+22 29.3	1.992	2.924	7.8	21.4
11 27	5 1.30	+22 27.3	1.952	2.925	3.9	21.1
12 7	4 51.13	+22 22.2	1.941	2.926	0.3	20.8
12 17	4 41.07	+22 14.9	1.961	2.927	4.5	21.2
12 27	4 32.21	+22 7.5	2.010	2.927	8.4	21.4
1 6	4 25.38	+22 2.0	2.084	2.927	11.8	21.6

79103 1981 EO_{32} 12 6.3 134°.02 0°.7/ 6.5 18

10 28	5 21.17	+25 39.9	2.042	2.819	14.8	20.1
11 7	5 16.79	+25 31.7	1.957	2.822	11.8	19.9
11 17	5 9.84	+25 17.8	1.893	2.825	8.2	19.7
11 27	5 0.97	+24 57.7	1.855	2.828	4.1	19.5
12 7	4 51.16	+24 31.7	1.846	2.830	0.7	19.2
12 17	4 41.52	+24 1.7	1.866	2.833	4.6	19.5
12 27	4 33.19	+23 30.8	1.915	2.835	8.5	19.8
1 6	4 26.99	+23 2.6	1.989	2.838	12.0	20.0

437972 2003 QT_{10} 12 6.3 84°.65 2°.9/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.52	+15 52.6	1.813	2.593	16.3	21.6
11 7	5 19.18	+15 26.9	1.755	2.622	12.9	21.5
11 17	5 11.27	+15 2.8	1.718	2.649	8.9	21.3
11 27	5 1.56	+14 42.1	1.707	2.677	4.9	21.1
12 7	4 51.13	+14 26.5	1.725	2.704	3.0	21.0
12 17	4 41.14	+14 17.9	1.772	2.730	5.8	21.3
12 27	4 32.69	+14 17.4	1.847	2.756	9.5	21.6
1 6	4 26.51	+14 25.6	1.947	2.781	12.8	21.8

523355 2017 CJ_{6} 12 6.3 206°.46 0°.3/ 6.2 18

10 28	5 20.77	+21 2.6	2.043	2.824	14.7	21.7
11 7	5 16.48	+21 12.3	1.955	2.823	11.7	21.5
11 17	5 9.68	+21 21.2	1.889	2.823	8.0	21.3
11 27	5 0.94	+21 28.6	1.849	2.823	4.0	21.1
12 7	4 51.17	+21 34.4	1.837	2.822	0.5	20.8
12 17	4 41.48	+21 39.1	1.855	2.822	4.6	21.1
12 27	4 32.98	+21 43.8	1.902	2.821	8.6	21.3
1 6	4 26.54	+21 50.5	1.974	2.821	12.2	21.6

207106 2005 AS_{24} 12 6.3 14°.78 6°.2/ 5.1 18

10 28	5 15.18	+12 41.9	1.149	1.979	20.8	19.0
11 7	5 13.39	+11 45.0	1.092	1.986	16.7	18.8
11 17	5 8.14	+10 52.6	1.053	1.993	12.1	18.5
11 27	5 0.29	+10 10.8	1.036	2.003	7.8	18.3
12 7	4 51.23	+ 9 44.7	1.042	2.014	6.3	18.3
12 17	4 42.55	+ 9 37.7	1.071	2.026	9.2	18.5
12 27	4 35.78	+ 9 50.6	1.124	2.040	13.5	18.8
1 6	4 31.90	+10 21.3	1.197	2.056	17.6	19.1

211335 2002 TJ_{27} 12 6.3 38°.29 3°.4/ 5.4 18

10 28	5 19.17	+16 2.8	1.599	2.400	17.3	20.0
11 7	5 15.58	+15 26.6	1.531	2.410	13.7	19.8
11 17	5 9.17	+14 51.3	1.483	2.420	9.6	19.6
11 27	5 0.67	+14 19.5	1.460	2.431	5.4	19.4
12 7	4 51.21	+13 54.3	1.464	2.442	3.5	19.3
12 17	4 42.04	+13 38.2	1.494	2.453	6.6	19.5
12 27	4 34.40	+13 33.1	1.552	2.465	10.6	19.8
1 6	4 29.14	+13 39.4	1.632	2.478	14.3	20.0

306102 2010 HS_{83} 12 6.3 223°.55 0°.6/ 6.5 18

10 28	5 21.74	+25 28.9	2.080	2.855	14.7	21.0
11 7	5 17.29	+25 19.9	1.985	2.850	11.7	20.8
11 17	5 10.25	+25 5.4	1.913	2.844	8.1	20.5
11 27	5 1.22	+24 44.5	1.866	2.838	4.1	20.3
12 7	4 51.16	+24 17.8	1.848	2.832	0.7	20.0
12 17	4 41.19	+23 46.8	1.859	2.826	4.6	20.3
12 27	4 32.46	+23 14.8	1.900	2.819	8.6	20.5
1 6	4 25.85	+22 45.5	1.966	2.813	12.2	20.7

179032 2001 RD_{116} 12 6.3 48°.82 2°.0/ 6.7 18

10 28	5 22.59	+26 27.5	1.688	2.475	17.1	19.5
11 7	5 18.42	+26 54.9	1.620	2.489	13.6	19.3
11 17	5 11.21	+27 17.5	1.572	2.505	9.5	19.1
11 27	5 1.72	+27 32.6	1.549	2.520	5.1	18.9
12 7	4 51.13	+27 38.9	1.553	2.536	2.0	18.7
12 17	4 40.84	+27 36.6	1.585	2.552	5.3	19.0
12 27	4 32.20	+27 28.5	1.645	2.568	9.5	19.3
1 6	4 26.14	+27 18.3	1.729	2.585	13.2	19.5

343710 2011 EM_{25} 12 6.3 114°.06 3°.0/ 5.7 18

10 28	5 24.09	+15 16.3	1.780	2.562	16.5	21.2
11 7	5 19.13	+14 58.9	1.709	2.576	13.1	21.0
11 17	5 11.45	+14 43.9	1.659	2.590	9.2	20.8
11 27	5 1.76	+14 32.8	1.634	2.604	5.1	20.6
12 7	4 51.14	+14 27.1	1.638	2.617	3.1	20.5
12 17	4 40.80	+14 28.2	1.671	2.630	6.1	20.7
12 27	4 31.94	+14 37.1	1.732	2.642	10.0	20.9
1 6	4 25.40	+14 54.1	1.817	2.654	13.5	21.2

227600 2006 AU_{52} 12 6.3 73°.75 1°.0/ 5.9 18

10 28	5 18.69	+20 33.7	2.189	2.970	13.8	21.0
11 7	5 14.58	+20 17.9	2.103	2.972	10.9	20.8
11 17	5 8.21	+20 0.1	2.040	2.974	7.5	20.6
11 27	5 0.15	+19 40.8	2.003	2.977	3.8	20.3
12 7	4 51.26	+19 21.2	1.995	2.979	1.1	20.1
12 17	4 42.51	+19 3.0	2.016	2.981	4.5	20.4
12 27	4 34.86	+18 48.2	2.066	2.983	8.2	20.6
1 6	4 29.09	+18 38.6	2.142	2.985	11.5	20.8

301488 2009 DO_{140} 12 6.3 187°.07 0°.0/ 6.3 18

10 28	5 22.06	+22 21.2	2.004	2.783	15.0	21.0
11 7	5 17.58	+22 29.8	1.916	2.783	11.9	20.8
11 17	5 10.48	+22 36.6	1.849	2.783	8.2	20.5
11 27	5 1.36	+22 40.5	1.809	2.782	4.1	20.3
12 7	4 51.17	+22 41.3	1.797	2.782	0.3	20.0
12 17	4 41.06	+22 39.6	1.814	2.781	4.7	20.3
12 27	4 32.20	+22 37.2	1.860	2.780	8.8	20.6
1 6	4 25.50	+22 36.3	1.932	2.778	12.4	20.8

20763 2000 FQ_9 12 6.3 64.°59 2.°5/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.20	+17 45.8	1.149	1.961	22.0	17.8
11 7	5 22.76	+17 34.7	1.100	1.985	17.4	17.6
11 17	5 14.46	+17 25.2	1.068	2.009	12.0	17.4
11 27	5 3.33	+17 18.3	1.058	2.033	6.1	17.1
12 7	4 51.04	+17 15.3	1.074	2.057	2.6	17.0
12 17	4 39.45	+17 17.6	1.115	2.081	7.1	17.4
12 27	4 30.23	+17 26.9	1.181	2.105	12.3	17.7
1 6	4 24.37	+17 44.1	1.269	2.129	16.7	18.1

310121 2011 EU_4 12 6.3 156.°24 11.°5/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.61	−18 45.7	2.775	3.431	13.9	20.7
11 7	5 12.37	−20 5.9	2.718	3.434	12.9	20.6
11 17	5 6.40	−21 8.5	2.681	3.437	12.1	20.5
11 27	4 59.18	−21 47.9	2.665	3.440	11.6	20.5
12 7	4 51.37	−22 0.5	2.671	3.442	11.6	20.5
12 17	4 43.70	−21 45.1	2.698	3.444	12.1	20.6
12 27	4 36.87	−21 2.9	2.747	3.447	12.9	20.6
1 6	4 31.47	−19 57.4	2.814	3.449	13.8	20.7

487903 2015 TV_{177} 12 6.3 31.°48 1.°0/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.72	+24 0.4	1.870	2.653	15.8	21.2
11 7	5 17.57	+24 24.3	1.786	2.655	12.6	21.0
11 17	5 10.62	+24 46.0	1.724	2.657	8.7	20.8
11 27	5 1.48	+25 3.5	1.687	2.660	4.4	20.6
12 7	4 51.20	+25 15.7	1.678	2.662	1.0	20.3
12 17	4 41.01	+25 22.3	1.697	2.664	4.9	20.6
12 27	4 32.18	+25 25.2	1.745	2.667	9.1	20.8
1 6	4 25.67	+25 27.0	1.818	2.670	12.8	21.1

517734 2015 MS_{51} 12 6.3 59.°91 0.°9/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.37	+24 18.4	1.645	2.434	17.3	21.4
11 7	5 18.98	+24 33.2	1.580	2.452	13.7	21.2
11 17	5 11.56	+24 44.1	1.535	2.470	9.5	21.0
11 27	5 1.89	+24 49.6	1.514	2.488	4.8	20.8
12 7	4 51.18	+24 49.1	1.521	2.506	0.9	20.6
12 17	4 40.83	+24 43.3	1.557	2.524	5.2	20.9
12 27	4 32.17	+24 35.1	1.619	2.543	9.6	21.2
1 6	4 26.11	+24 27.5	1.706	2.561	13.3	21.5

358228 2006 SL_{262} 12 6.3 108.°48 2.°9/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.23	+16 10.4	2.040	2.822	14.7	21.3
11 7	5 15.80	+15 36.1	1.963	2.831	11.6	21.1
11 17	5 9.04	+15 2.2	1.909	2.840	8.1	20.9
11 27	5 0.56	+14 30.6	1.880	2.850	4.6	20.7
12 7	4 51.29	+14 3.7	1.881	2.858	2.9	20.7
12 17	4 42.24	+13 43.6	1.910	2.867	5.6	20.8
12 27	4 34.41	+13 32.3	1.968	2.876	9.1	21.1
1 6	4 28.54	+13 30.7	2.051	2.884	12.3	21.3

403723 2010 WU_{30} 12 6.3 162.°55 0.°1/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.66	+21 30.2	2.318	3.088	13.5	21.5
11 7	5 16.90	+21 53.1	2.228	3.091	10.7	21.3
11 17	5 9.84	+22 15.6	2.161	3.093	7.4	21.1
11 27	5 1.01	+22 36.6	2.121	3.095	3.6	20.8
12 7	4 51.26	+22 55.2	2.111	3.096	0.3	20.5
12 17	4 41.55	+23 11.2	2.132	3.098	4.2	20.9
12 27	4 32.90	+23 25.5	2.182	3.099	7.8	21.1
1 6	4 26.10	+23 39.3	2.258	3.100	11.0	21.3

66088 1998 RE_{71} 12 6.3 351.°84 3.°2/ 5.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.14	+15 11.3	1.749	2.549	16.0	18.5
11 7	5 13.19	+14 53.0	1.666	2.544	12.8	18.3
11 17	5 7.61	+14 37.1	1.603	2.539	9.0	18.1
11 27	5 0.01	+14 25.5	1.565	2.535	5.1	17.8
12 7	4 51.34	+14 20.1	1.554	2.532	3.2	17.7
12 17	4 42.74	+14 22.6	1.570	2.530	6.2	17.9
12 27	4 35.41	+14 34.0	1.612	2.529	10.2	18.1
1 6	4 30.23	+14 54.5	1.679	2.528	13.8	18.3

464313 2016 AK_{105} 12 6.3 37.°07 11.°6/13.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 34.29	+56 13.4	1.916	2.583	19.1	20.5
11 7	5 28.84	+56 57.1	1.858	2.603	17.1	20.4
11 17	5 18.82	+57 16.4	1.815	2.624	15.0	20.3
11 27	5 5.48	+57 2.9	1.792	2.646	13.1	20.2
12 7	4 50.93	+56 12.2	1.791	2.668	11.8	20.2
12 17	4 37.47	+54 45.9	1.814	2.690	11.6	20.3
12 27	4 26.99	+52 52.0	1.861	2.713	12.6	20.4
1 6	4 20.47	+50 42.2	1.933	2.736	14.2	20.5

458544 2011 EA_7 12 6.3 258.°16 5.°1/ 4.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.40	+ 7 16.1	2.552	3.319	12.5	21.7
11 7	5 12.44	+ 6 35.4	2.457	3.307	10.2	21.5
11 17	5 6.61	+ 5 59.5	2.384	3.296	7.8	21.3
11 27	4 59.37	+ 5 31.7	2.337	3.285	5.7	21.2
12 7	4 51.39	+ 5 14.5	2.319	3.273	5.2	21.1
12 17	4 43.43	+ 5 9.8	2.331	3.261	6.7	21.2
12 27	4 36.28	+ 5 18.5	2.370	3.249	9.1	21.3
1 6	4 30.59	+ 5 39.9	2.434	3.237	11.6	21.5

278013 2006 UB_{220} 12 6.3 329.°76 0.°5/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.44	+21 54.3	1.281	2.094	20.1	20.8
11 7	5 18.78	+22 22.3	1.198	2.085	16.1	20.6
11 17	5 12.31	+22 50.8	1.134	2.076	11.3	20.3
11 27	5 2.65	+23 17.7	1.093	2.068	5.7	19.9
12 7	4 51.13	+23 40.9	1.076	2.061	0.7	19.5
12 17	4 39.53	+23 59.4	1.084	2.054	6.5	19.9
12 27	4 29.78	+24 14.5	1.118	2.048	12.1	20.2
1 6	4 23.28	+24 29.3	1.173	2.042	17.1	20.5

487499 2014 SQ_{295} 12 6.3 310.°63 1.°2/ 6.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.89	+28 2.6	2.090	2.865	14.6	20.8
11 7	5 15.83	+27 43.0	1.997	2.861	11.7	20.6
11 17	5 9.24	+27 15.2	1.926	2.857	8.2	20.4
11 27	5 0.74	+26 38.6	1.881	2.853	4.3	20.1
12 7	4 51.29	+25 54.1	1.865	2.849	1.2	19.9
12 17	4 42.00	+25 4.0	1.878	2.845	4.5	20.1
12 27	4 33.97	+24 12.7	1.919	2.841	8.4	20.4
1 6	4 28.03	+23 24.3	1.987	2.837	11.9	20.6

117373 2004 XL_{145} 12 6.3 318.°57 1.°7/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.24	+29 25.4	1.980	2.760	15.1	19.1
11 7	5 14.90	+29 8.5	1.875	2.741	12.2	18.9
11 17	5 8.84	+28 41.9	1.792	2.723	8.7	18.6
11 27	5 0.65	+28 4.4	1.735	2.705	4.7	18.4
12 7	4 51.30	+27 16.4	1.704	2.687	1.7	18.1
12 17	4 41.98	+26 20.3	1.703	2.670	4.9	18.3
12 27	4 33.92	+25 20.9	1.730	2.654	9.0	18.5
1 6	4 28.07	+24 23.4	1.782	2.638	12.8	18.7

400168 2006 VO_{143} 12 6.3 42.°08 1.°6/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.62	+26 19.7	1.741	2.528	16.6	20.9
11 7	5 17.66	+26 33.3	1.664	2.534	13.3	20.7
11 17	5 10.74	+26 41.6	1.607	2.541	9.3	20.5
11 27	5 1.56	+26 42.8	1.575	2.547	4.9	20.2
12 7	4 51.24	+26 36.0	1.571	2.554	1.6	20.0
12 17	4 41.13	+26 22.2	1.594	2.561	5.1	20.3
12 27	4 32.56	+26 4.5	1.645	2.569	9.4	20.6
1 6	4 26.49	+25 46.6	1.721	2.576	13.2	20.8

471535 2012 HT_{72} 12 6.3 122.°65 2.°9/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.12	+15 16.5	1.676	2.459	17.3	21.6
11 7	5 20.96	+15 8.4	1.605	2.473	13.8	21.4
11 17	5 12.85	+15 3.4	1.555	2.486	9.6	21.2
11 27	5 2.54	+15 2.6	1.529	2.499	5.3	20.9
12 7	4 51.18	+15 7.0	1.532	2.512	2.9	20.8
12 17	4 40.11	+15 17.4	1.563	2.523	6.2	21.1
12 27	4 30.62	+15 34.5	1.622	2.535	10.4	21.3
1 6	4 23.65	+15 58.6	1.706	2.545	14.1	21.6

179726 2002 RD_{91} 12 6.3 101.°43 1.°5/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.58	+26 38.9	1.617	2.398	18.0	20.9
11 7	5 22.39	+26 45.1	1.550	2.416	14.3	20.7
11 17	5 13.95	+26 44.6	1.502	2.434	9.9	20.5
11 27	5 3.09	+26 35.6	1.480	2.451	5.2	20.2
12 7	4 51.15	+26 17.5	1.485	2.468	1.5	20.0
12 17	4 39.64	+25 52.1	1.518	2.485	5.4	20.3
12 27	4 30.00	+25 23.6	1.580	2.501	9.9	20.6
1 6	4 23.19	+24 56.6	1.665	2.517	13.8	20.9

117237 2004 SY_{14} 12 6.3 109.°78 1.°5/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.57	+18 17.1	1.797	2.579	16.4	20.3
11 7	5 19.62	+18 20.6	1.723	2.592	13.0	20.1
11 17	5 11.88	+18 25.0	1.672	2.605	8.9	19.9
11 27	5 2.05	+18 30.4	1.645	2.618	4.5	19.7
12 7	4 51.23	+18 36.9	1.647	2.631	1.5	19.5
12 17	4 40.65	+18 45.1	1.679	2.643	5.3	19.8
12 27	4 31.56	+18 56.2	1.738	2.655	9.5	20.0
1 6	4 24.82	+19 11.2	1.823	2.667	13.1	20.3

278702 2008 RH_{143} 12 6.3 150.°58 0.°3/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.19	+24 11.7	2.033	2.803	15.1	22.1
11 7	5 19.90	+24 6.5	1.951	2.813	12.0	21.9
11 17	5 11.97	+23 57.0	1.890	2.821	8.3	21.7
11 27	5 2.07	+23 42.4	1.856	2.829	4.1	21.5
12 7	4 51.23	+23 22.9	1.851	2.836	0.4	21.2
12 17	4 40.60	+23 0.1	1.876	2.842	4.6	21.5
12 27	4 31.35	+22 36.9	1.930	2.848	8.6	21.8
1 6	4 24.33	+22 16.5	2.011	2.853	12.1	22.0

214196 2005 EP_{30} 12 6.3 91.°35 7.°9/ 8.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.94	+42 52.0	1.952	2.680	17.0	20.7
11 7	5 23.86	+43 50.1	1.878	2.691	14.5	20.5
11 17	5 15.24	+44 33.6	1.823	2.702	11.7	20.4
11 27	5 3.85	+44 55.6	1.792	2.713	9.2	20.2
12 7	4 51.08	+44 51.9	1.786	2.724	7.9	20.2
12 17	4 38.61	+44 22.2	1.808	2.734	8.6	20.3
12 27	4 28.08	+43 31.1	1.855	2.745	10.7	20.4
1 6	4 20.59	+42 26.8	1.927	2.755	13.2	20.6

217210 2002 TC_{295} 12 6.3 75°.87 8°.8/ 8.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 36.23	+41 36.1	1.507	2.251	20.6	19.5
11 7	5 30.25	+42 50.9	1.456	2.281	17.3	19.3
11 17	5 19.86	+43 48.3	1.423	2.311	13.8	19.2
11 27	5 6.12	+44 19.1	1.412	2.340	10.6	19.1
12 7	4 50.93	+44 17.6	1.426	2.369	8.8	19.0
12 17	4 36.51	+43 44.6	1.466	2.398	9.7	19.2
12 27	4 24.88	+42 47.8	1.531	2.426	12.2	19.4
1 6	4 17.15	+41 38.3	1.620	2.454	15.0	19.6

99348 2001 XP_{104} 12 6.3 158°.08 2°.1/ 5.8 18

10 28	5 25.94	+19 17.0	1.618	2.405	17.7	19.7
11 7	5 21.07	+18 47.8	1.539	2.411	14.1	19.4
11 17	5 13.08	+18 16.2	1.481	2.416	9.8	19.2
11 27	5 2.72	+17 43.8	1.448	2.421	5.0	18.9
12 7	4 51.18	+17 12.7	1.443	2.425	2.2	18.8
12 17	4 39.90	+16 45.7	1.466	2.429	6.2	19.0
12 27	4 30.27	+16 26.2	1.516	2.431	10.7	19.3
1 6	4 23.29	+16 16.2	1.591	2.434	14.8	19.6

157940 1999 XU_{240} 12 6.3 342°.51 0°.1/ 6.3 18

10 28	5 19.10	+22 23.5	2.148	2.928	14.1	20.4
11 7	5 15.08	+22 23.8	2.059	2.927	11.2	20.2
11 17	5 8.68	+22 21.7	1.992	2.926	7.7	20.0
11 27	5 0.48	+22 16.9	1.951	2.925	3.8	19.7
12 7	4 51.35	+22 9.5	1.939	2.924	0.3	19.4
12 17	4 42.31	+22 0.7	1.957	2.924	4.4	19.8
12 27	4 34.39	+21 52.2	2.003	2.923	8.2	20.0
1 6	4 28.41	+21 46.3	2.075	2.922	11.6	20.2

481860 2008 YB_{24} 12 6.3 338°.78 14°.9/ 7.3 18

10 28	5 21.32	−11 18.6	1.361	2.110	22.2	20.2
11 7	5 18.10	−11 48.5	1.283	2.094	20.0	19.9
11 17	5 11.51	−11 48.9	1.220	2.079	17.7	19.7
11 27	5 2.15	−11 9.6	1.176	2.066	15.7	19.6
12 7	4 51.22	− 9 44.0	1.152	2.053	14.9	19.5
12 17	4 40.24	− 7 32.1	1.152	2.042	15.7	19.5
12 27	4 30.83	− 4 41.3	1.174	2.033	17.8	19.6
1 6	4 24.22	− 1 24.3	1.218	2.025	20.6	19.8

190497 2000 GT_{101} 12 6.3 214°.10 2°.2/ 6.9 18

10 28	5 25.93	+28 50.8	2.014	2.779	15.4	21.1
11 7	5 20.91	+29 2.6	1.916	2.772	12.4	20.9
11 17	5 12.96	+29 7.8	1.839	2.764	8.9	20.6
11 27	5 2.70	+29 3.6	1.788	2.756	5.0	20.4
12 7	4 51.18	+28 48.8	1.766	2.747	2.2	20.2
12 17	4 39.69	+28 24.0	1.773	2.737	5.1	20.4
12 27	4 29.56	+27 52.7	1.809	2.727	9.1	20.6
1 6	4 21.82	+27 19.4	1.871	2.716	12.8	20.8

216194 2006 UA_{4} 12 6.3 177°.74 5°.2/ 4.3 18

10 28	5 19.40	+10 57.9	2.098	2.875	14.5	21.3
11 7	5 15.10	+ 9 49.8	2.015	2.876	11.7	21.1
11 17	5 8.57	+ 8 43.6	1.955	2.877	8.7	20.9
11 27	5 0.38	+ 7 43.5	1.922	2.877	6.0	20.8
12 7	4 51.38	+ 6 53.8	1.917	2.877	5.3	20.7
12 17	4 42.54	+ 6 18.0	1.940	2.877	7.3	20.9
12 27	4 34.81	+ 5 58.0	1.991	2.877	10.3	21.0
1 6	4 28.93	+ 5 53.9	2.067	2.876	13.1	21.2

159569 2001 UD_{163} 12 6.3 264°.80 1°.4/ 6.5 18 R

10 28	5 23.88	+24 33.8	1.684	2.470	17.1	20.2
11 7	5 19.81	+25 1.5	1.593	2.463	13.7	20.0
11 17	5 12.52	+25 27.0	1.522	2.456	9.6	19.7
11 27	5 2.61	+25 47.7	1.476	2.449	5.0	19.4
12 7	4 51.20	+26 1.6	1.457	2.441	1.4	19.1
12 17	4 39.75	+26 8.2	1.467	2.434	5.5	19.4
12 27	4 29.79	+26 9.4	1.504	2.427	10.2	19.7
1 6	4 22.49	+26 8.6	1.565	2.419	14.4	19.9

9065 1993 FN_{1} 12 6.3 126°.95 4°.2/ 5.3 18

10 28	5 21.99	+11 11.6	2.145	2.916	14.4	17.9
11 7	5 16.98	+10 41.1	2.072	2.930	11.6	17.7
11 17	5 9.76	+10 14.8	2.021	2.943	8.4	17.6
11 27	5 0.92	+ 9 55.1	1.996	2.957	5.4	17.4
12 7	4 51.35	+ 9 44.2	2.001	2.969	4.2	17.3
12 17	4 42.01	+ 9 43.5	2.035	2.981	6.3	17.5
12 27	4 33.83	+ 9 53.7	2.097	2.993	9.3	17.7
1 6	4 27.54	+10 14.1	2.185	3.004	12.2	17.9

452567 2005 AX_{72} 12 6.3 333°.85 3°.4/ 5.5 17

10 28	5 17.72	+12 6.1	2.289	3.066	13.4	21.6
11 7	5 13.70	+11 52.6	2.201	3.064	10.8	21.4
11 17	5 7.59	+11 43.0	2.136	3.063	7.7	21.2
11 27	4 59.91	+11 39.2	2.098	3.062	4.8	21.0
12 7	4 51.42	+11 42.6	2.088	3.061	3.5	21.0
12 17	4 43.00	+11 54.0	2.107	3.059	5.6	21.1
12 27	4 35.55	+12 14.0	2.155	3.058	8.7	21.3
1 6	4 29.78	+12 41.9	2.228	3.058	11.6	21.5

272464 2005 UH_{63} 12 6.3 142°.68 0°.4/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.32	+23 15.1	1.831	2.609	16.3	21.9
11 7	5 20.36	+23 25.1	1.750	2.617	12.9	21.7
11 17	5 12.50	+23 32.2	1.691	2.624	8.9	21.4
11 27	5 2.43	+23 35.3	1.657	2.631	4.5	21.2
12 7	4 51.24	+23 33.7	1.652	2.637	0.5	20.9
12 17	4 40.23	+23 28.1	1.676	2.643	5.0	21.3
12 27	4 30.72	+23 20.9	1.729	2.649	9.3	21.5
1 6	4 23.64	+23 15.0	1.806	2.654	13.1	21.8

397206 2006 DK_{21} 12 6.3 244°.05 3°.3/ 7.2 18

10 28	5 24.23	+31 10.6	1.791	2.564	16.8	21.5
11 7	5 19.98	+31 24.6	1.699	2.558	13.6	21.3
11 17	5 12.53	+31 29.5	1.628	2.552	9.9	21.0
11 27	5 2.55	+31 22.0	1.581	2.547	5.9	20.8
12 7	4 51.22	+31 0.5	1.562	2.541	3.3	20.6
12 17	4 39.98	+30 25.9	1.571	2.534	5.7	20.8
12 27	4 30.32	+29 42.6	1.608	2.528	9.8	21.0
1 6	4 23.32	+28 56.6	1.669	2.522	13.7	21.2

68192 2001 BV_{61} 12 6.3 99°.90 8°.1/ 8.9 18

10 28	5 30.06	+43 29.6	1.913	2.639	17.4	18.3
11 7	5 24.85	+44 26.0	1.840	2.651	14.8	18.2
11 17	5 15.97	+45 7.0	1.785	2.662	12.0	18.0
11 27	5 4.24	+45 25.5	1.754	2.673	9.5	17.9
12 7	4 51.10	+45 17.1	1.748	2.684	8.1	17.8
12 17	4 38.30	+44 41.6	1.769	2.695	8.8	17.9
12 27	4 27.55	+43 44.1	1.816	2.705	10.9	18.0
1 6	4 19.96	+42 33.4	1.888	2.715	13.5	18.2

57598 2001 TZ_{95} 12 6.3 285°.57 2°.3/ 6.9 17

10 28	5 21.16	+28 48.8	1.992	2.767	15.2	20.0
11 7	5 17.24	+29 1.5	1.891	2.753	12.3	19.8
11 17	5 10.51	+29 7.8	1.811	2.739	8.8	19.6
11 27	5 1.54	+29 5.3	1.756	2.725	4.9	19.3
12 7	4 51.30	+28 52.7	1.729	2.711	2.3	19.1
12 17	4 41.02	+28 30.6	1.731	2.697	5.1	19.3
12 27	4 32.00	+28 2.2	1.762	2.683	9.1	19.5
1 6	4 25.26	+27 31.6	1.817	2.669	12.8	19.7

429966 2012 VK_{81} 12 6.3 23°.36 0°.2/ 6.3 18

10 28	5 15.67	+22 49.1	2.759	3.532	11.5	20.9
11 7	5 11.81	+22 56.5	2.672	3.536	9.1	20.8
11 17	5 6.15	+23 1.9	2.609	3.541	6.2	20.6
11 27	4 59.16	+23 5.0	2.573	3.546	3.1	20.4
12 7	4 51.50	+23 5.9	2.566	3.551	0.3	20.2
12 17	4 43.92	+23 5.0	2.590	3.556	3.5	20.5
12 27	4 37.19	+23 3.5	2.643	3.562	6.5	20.7
1 6	4 31.92	+23 3.0	2.724	3.568	9.3	20.9

54750 2001 KW_{45} 12 6.3 74°.27 3°.3/ 4.9 18

10 28	5 18.41	+15 40.5	2.341	3.118	13.2	18.4
11 7	5 13.96	+14 37.2	2.270	3.135	10.4	18.2
11 17	5 7.55	+13 33.5	2.223	3.151	7.3	18.1
11 27	4 59.79	+12 32.2	2.203	3.168	4.4	17.9
12 7	4 51.46	+11 36.8	2.212	3.185	3.4	17.9
12 17	4 43.39	+10 50.2	2.252	3.202	5.5	18.0
12 27	4 36.40	+10 15.0	2.321	3.218	8.4	18.2
1 6	4 31.09	+ 9 52.0	2.415	3.235	11.2	18.5

148780 Altjira 12 6.3 128°.57 0°.1/ 6.9 08 C

10 28	4 55.09	+27 41.3	45.276	46.029	0.8	22.4
11 7	4 54.42	+27 41.0	45.179	46.030	0.6	22.4
11 17	4 53.66	+27 40.4	45.108	46.031	0.4	22.4
11 27	4 52.84	+27 39.5	45.065	46.033	0.2	22.3
12 7	4 51.99	+27 38.3	45.053	46.034	0.1	22.3
12 17	4 51.14	+27 36.9	45.071	46.035	0.2	22.3
12 27	4 50.33	+27 35.3	45.120	46.036	0.4	22.4
1 6	4 49.58	+27 33.7	45.197	46.038	0.6	22.4

299020 Chennaoui 12 6.3 285°.76 2°.0/ 6.9 16

10 28	5 21.95	+28 51.0	1.768	2.550	16.6	21.0
11 7	5 18.22	+28 45.4	1.668	2.535	13.4	20.7
11 17	5 11.37	+28 30.8	1.589	2.520	9.6	20.4
11 27	5 2.02	+28 5.2	1.534	2.504	5.2	20.2
12 7	4 51.28	+27 28.2	1.506	2.489	2.0	19.9
12 17	4 40.53	+26 41.8	1.507	2.474	5.4	20.1
12 27	4 31.25	+25 50.9	1.535	2.458	10.0	20.3
1 6	4 24.53	+25 1.1	1.587	2.443	14.1	20.5

47946 2000 JB_{52} 12 6.3 342°.58 1°.2/ 5.7 18

10 28	5 18.93	+23 28.6	2.251	3.028	13.6	17.7
11 7	5 14.71	+22 26.7	2.159	3.026	10.8	17.5
11 17	5 8.27	+21 17.5	2.089	3.023	7.4	17.2
11 27	5 0.22	+20 3.0	2.047	3.021	3.7	17.0
12 7	4 51.43	+18 46.2	2.035	3.019	1.3	16.8
12 17	4 42.83	+17 31.5	2.054	3.017	4.7	17.1
12 27	4 35.37	+16 23.2	2.103	3.016	8.3	17.3
1 6	4 29.75	+15 25.0	2.177	3.014	11.6	17.5

186440 2002 RE_{245} 12 6.3 24°.49 1°.1/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.43	+24 38.0	0.990	1.825	23.1	19.4
11 7	5 17.61	+24 47.6	0.939	1.838	18.3	19.1
11 17	5 11.51	+24 51.1	0.905	1.852	12.7	18.9
11 27	5 2.14	+24 46.9	0.891	1.867	6.4	18.6
12 7	4 51.28	+24 34.7	0.900	1.885	1.1	18.3
12 17	4 41.03	+24 17.0	0.932	1.903	6.8	18.8
12 27	4 33.28	+23 58.6	0.987	1.923	12.6	19.1
1 6	4 29.16	+23 44.3	1.063	1.944	17.4	19.5

179107 2001 SP_{219} 12 6.3 52°.37 0°.0/ 6.2 18

10 28	5 20.78	+23 2.1	1.831	2.619	15.9	21.0
11 7	5 16.75	+22 59.9	1.754	2.626	12.6	20.8
11 17	5 9.99	+22 54.4	1.698	2.633	8.7	20.5
11 27	5 1.18	+22 45.2	1.667	2.641	4.3	20.3
12 7	4 51.37	+22 32.5	1.664	2.649	0.3	20.0
12 17	4 41.78	+22 17.8	1.689	2.656	4.9	20.4
12 27	4 33.59	+22 3.7	1.742	2.665	9.1	20.6
1 6	4 27.68	+21 52.9	1.821	2.673	12.8	20.9

441042 2007 HF_{3} 12 6.3 214°.67 0°.8/ 6.1 18

10 28	5 23.29	+21 20.5	1.908	2.688	15.6	22.4
11 7	5 18.74	+21 8.6	1.815	2.683	12.4	22.2
11 17	5 11.42	+20 54.0	1.743	2.677	8.6	21.9
11 27	5 1.94	+20 36.7	1.697	2.671	4.3	21.7
12 7	4 51.31	+20 17.6	1.680	2.665	0.9	21.4
12 17	4 40.74	+19 58.2	1.692	2.658	5.1	21.7
12 27	4 31.48	+19 41.5	1.732	2.650	9.5	21.9
1 6	4 24.48	+19 29.9	1.798	2.642	13.3	22.2

85771 1998 UR_{4} 12 6.3 27°.06 9°.6/ 4.4 18

10 28	5 17.52	+ 3 11.6	1.445	2.240	19.1	18.7
11 7	5 14.46	+ 1 53.8	1.387	2.249	15.9	18.5
11 17	5 8.52	+ 0 48.2	1.349	2.258	12.7	18.4
11 27	5 0.47	+ 0 2.2	1.332	2.269	10.3	18.3
12 7	4 51.43	− 0 18.4	1.340	2.280	9.7	18.3
12 17	4 42.72	− 0 11.2	1.372	2.291	11.3	18.4
12 27	4 35.55	+ 0 22.6	1.427	2.304	14.1	18.6
1 6	4 30.80	+ 1 18.6	1.503	2.317	17.0	18.8

140981 2001 WS_{2} 12 6.3 171°.15 1°.2/ 5.9 18

10 28	5 20.84	+20 9.2	2.599	3.365	12.3	21.2
11 7	5 15.87	+19 45.4	2.509	3.369	9.7	21.1
11 17	5 8.92	+19 19.4	2.442	3.372	6.7	20.9
11 27	5 0.53	+18 52.1	2.402	3.375	3.4	20.7
12 7	4 51.43	+18 24.6	2.394	3.377	1.2	20.5
12 17	4 42.47	+17 58.7	2.416	3.378	4.1	20.7
12 27	4 34.48	+17 36.4	2.469	3.379	7.4	20.9
1 6	4 28.11	+17 19.7	2.548	3.380	10.3	21.1

249482 2009 TZ_{27} 12 6.3 46°.78 2°.2/ 5.9 18

10 28	5 19.44	+15 18.1	2.107	2.888	14.3	19.7
11 7	5 15.25	+15 22.5	2.026	2.894	11.4	19.5
11 17	5 8.75	+15 30.0	1.968	2.900	7.9	19.3
11 27	5 0.53	+15 41.1	1.935	2.906	4.3	19.1
12 7	4 51.44	+15 56.4	1.932	2.912	2.3	19.0
12 17	4 42.47	+16 16.1	1.957	2.919	5.0	19.2
12 27	4 34.61	+16 40.3	2.012	2.926	8.6	19.4
1 6	4 28.64	+17 9.2	2.092	2.932	11.8	19.7

233945 2009 WE_{74} 12 6.3 324°.38 1°.6/ 6.0 18

10 28	5 19.03	+19 56.0	1.341	2.155	19.3	20.8
11 7	5 16.61	+19 45.6	1.255	2.142	15.5	20.5
11 17	5 10.67	+19 33.6	1.187	2.130	10.8	20.2
11 27	5 1.83	+19 20.9	1.142	2.118	5.5	19.9
12 7	4 51.33	+19 8.7	1.122	2.106	1.7	19.6
12 17	4 40.79	+18 59.1	1.128	2.095	6.7	19.9
12 27	4 31.92	+18 54.9	1.158	2.085	12.1	20.1
1 6	4 26.02	+18 58.5	1.210	2.076	16.9	20.4

434588 2005 UK_{183} 12 6.3 86°.45 0°.9/ 6.5 16

10 28	5 25.97	+24 6.8	1.588	2.375	18.0	21.8
11 7	5 21.22	+24 23.2	1.520	2.391	14.3	21.6
11 17	5 13.24	+24 36.0	1.473	2.407	9.9	21.4
11 27	5 2.83	+24 43.4	1.449	2.423	5.0	21.1
12 7	4 51.28	+24 44.3	1.454	2.438	0.9	20.9
12 17	4 40.07	+24 39.5	1.486	2.454	5.4	21.3
12 27	4 30.65	+24 31.8	1.546	2.469	10.0	21.6
1 6	4 24.00	+24 24.7	1.630	2.484	13.9	21.8

452659 2005 UZ_{487} 12 6.3 43°.86 1°.3/ 5.8 16

10 28	5 22.25	+24 8.9	1.587	2.381	17.7	21.3
11 7	5 17.85	+23 2.1	1.531	2.407	13.9	21.1
11 17	5 10.57	+21 47.6	1.495	2.433	9.4	20.9
11 27	5 1.33	+20 28.3	1.485	2.460	4.6	20.7
12 7	4 51.40	+19 8.7	1.503	2.487	1.4	20.6
12 17	4 42.08	+17 54.2	1.550	2.515	5.6	20.9
12 27	4 34.52	+16 50.4	1.624	2.543	9.9	21.2
1 6	4 29.47	+16 0.4	1.722	2.571	13.6	21.5

386369 2008 TN_{131} 12 6.3 154°.57 3°.1/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.87	+30 36.7	1.901	2.668	16.1	21.5
11 7	5 20.95	+30 57.6	1.817	2.672	13.1	21.3
11 17	5 13.01	+31 10.7	1.754	2.677	9.4	21.1
11 27	5 2.74	+31 12.6	1.716	2.681	5.5	20.9
12 7	4 51.28	+31 1.7	1.706	2.684	3.1	20.7
12 17	4 40.00	+30 38.6	1.725	2.688	5.5	20.9
12 27	4 30.28	+30 7.1	1.773	2.691	9.3	21.1
1 6	4 23.09	+29 32.2	1.845	2.693	12.8	21.3

110459 2001 TX_{46} 12 6.3 76°.40 0°.3/ 6.4 18

10 28	5 20.93	+24 30.3	1.955	2.737	15.2	19.8
11 7	5 16.71	+24 20.0	1.874	2.743	12.1	19.6
11 17	5 9.89	+24 4.7	1.815	2.749	8.3	19.4
11 27	5 1.12	+23 44.2	1.781	2.755	4.2	19.1
12 7	4 51.41	+23 19.0	1.776	2.761	0.4	18.8
12 17	4 41.91	+22 51.3	1.800	2.767	4.6	19.2
12 27	4 33.76	+22 23.9	1.852	2.773	8.7	19.4
1 6	4 27.79	+22 0.2	1.929	2.779	12.3	19.7

300833 2007 XJ_{30} 12 6.3 300°.69 1°.7/ 6.2 17

10 28	5 21.68	+16 17.5	1.761	2.550	16.4	20.9
11 7	5 17.87	+16 39.0	1.661	2.534	13.2	20.7
11 17	5 11.13	+17 5.4	1.583	2.518	9.2	20.4
11 27	5 1.96	+17 36.6	1.530	2.502	4.8	20.1
12 7	4 51.34	+18 12.0	1.504	2.487	1.8	19.9
12 17	4 40.53	+18 50.7	1.506	2.472	5.7	20.1
12 27	4 30.93	+19 32.1	1.537	2.457	10.3	20.3
1 6	4 23.66	+20 16.2	1.592	2.442	14.4	20.6

325366 Asturias 12 6.3 147°.33 5°.1/ 8.1 17

10 28	5 24.74	+39 44.2	2.768	3.488	12.7	21.3
11 7	5 19.35	+40 24.2	2.681	3.495	10.6	21.1
11 17	5 11.55	+40 54.3	2.617	3.502	8.3	21.0
11 27	5 1.92	+41 10.6	2.578	3.509	6.2	20.9
12 7	4 51.36	+41 10.9	2.567	3.515	5.1	20.8
12 17	4 40.93	+40 55.1	2.587	3.521	5.9	20.9
12 27	4 31.67	+40 25.5	2.635	3.527	7.8	21.0
1 6	4 24.39	+39 46.6	2.710	3.532	10.0	21.2

484470 2008 CU_{91} 12 6.3 127°.96 2°.3/ 6.9 18

10 28	5 22.73	+28 41.2	2.089	2.857	14.8	22.0
11 7	5 18.14	+28 59.4	2.004	2.862	11.9	21.8
11 17	5 10.91	+29 11.4	1.941	2.866	8.4	21.6
11 27	5 1.66	+29 15.2	1.903	2.871	4.7	21.4
12 7	4 51.39	+29 9.5	1.894	2.875	2.3	21.2
12 17	4 41.26	+28 54.9	1.915	2.879	4.8	21.4
12 27	4 32.45	+28 34.1	1.964	2.883	8.4	21.6
1 6	4 25.83	+28 11.1	2.039	2.887	11.8	21.9

208013 1998 SY_{119} 12 6.3 21°.94 2°.6/ 6.8 18

10 28	5 20.66	+27 31.5	1.410	2.213	19.1	19.9
11 7	5 17.66	+27 58.0	1.342	2.221	15.3	19.7
11 17	5 11.15	+28 18.1	1.293	2.229	10.8	19.5
11 27	5 1.93	+28 28.6	1.267	2.238	5.9	19.2
12 7	4 51.37	+28 27.8	1.266	2.248	2.6	19.1
12 17	4 41.09	+28 16.5	1.292	2.259	6.0	19.3
12 27	4 32.70	+27 58.4	1.343	2.271	10.7	19.6
1 6	4 27.28	+27 38.5	1.417	2.284	14.8	19.9

454811 2015 RP_{93} 12 6.3 120°.20 3°.2/ 7.2 18

10 28	5 25.56	+30 59.2	2.019	2.781	15.5	21.6
11 7	5 20.46	+31 24.0	1.940	2.792	12.5	21.4
11 17	5 12.52	+31 41.0	1.883	2.804	9.0	21.2
11 27	5 2.45	+31 47.2	1.851	2.815	5.4	21.0
12 7	4 51.34	+31 40.8	1.848	2.825	3.2	20.9
12 17	4 40.45	+31 22.6	1.874	2.835	5.2	21.1
12 27	4 31.06	+30 55.7	1.929	2.845	8.7	21.3
1 6	4 24.06	+30 25.0	2.009	2.855	12.0	21.5

116900 2004 FO_{143} 12 6.3 144°.18 4°.0/ 5.8 18

10 28	5 25.45	+10 53.1	1.935	2.705	15.8	19.5
11 7	5 20.07	+10 47.2	1.857	2.715	12.7	19.3
11 17	5 12.11	+10 47.4	1.801	2.725	9.2	19.1
11 27	5 2.22	+10 55.6	1.771	2.734	5.6	18.9
12 7	4 51.36	+11 12.9	1.769	2.742	4.1	18.8
12 17	4 40.68	+11 39.3	1.798	2.750	6.4	19.0
12 27	4 31.31	+12 14.5	1.854	2.757	9.9	19.2
1 6	4 24.11	+12 57.4	1.937	2.763	13.2	19.4

72701 2001 FZ_{77} 12 6.3 274°.92 5°.1/ 7.2 18

10 28	5 24.33	+35 26.3	2.332	3.076	14.1	19.2
11 7	5 19.58	+36 29.6	2.239	3.074	11.7	19.0
11 17	5 12.07	+37 26.0	2.169	3.072	9.0	18.8
11 27	5 2.34	+38 10.6	2.125	3.069	6.4	18.7
12 7	4 51.34	+38 39.8	2.108	3.067	5.1	18.6
12 17	4 40.26	+38 51.9	2.121	3.065	6.3	18.6
12 27	4 30.38	+38 48.5	2.163	3.063	8.8	18.8
1 6	4 22.71	+38 33.9	2.229	3.060	11.6	19.0

442880 2013 BS_{35} 12 6.3 304°.32 7°.4/ 5.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.80	+ 3 19.4	1.790	2.562	16.8	21.5
11 7	5 16.72	+ 2 52.4	1.709	2.558	14.0	21.3
11 17	5 10.00	+ 2 37.2	1.647	2.555	11.0	21.1
11 27	5 1.25	+ 2 38.2	1.610	2.552	8.3	20.9
12 7	4 51.43	+ 2 58.6	1.599	2.548	7.5	20.9
12 17	4 41.67	+ 3 38.9	1.615	2.545	9.1	21.0
12 27	4 33.16	+ 4 37.8	1.657	2.542	12.0	21.1
1 6	4 26.79	+ 5 51.5	1.723	2.539	15.1	21.3

432266 2009 SD_{37} 12 6.3 107°.12 2°.9/ 5.5 18

10 28	5 24.45	+17 52.5	1.622	2.411	17.5	21.4
11 7	5 19.72	+17 10.5	1.553	2.425	13.9	21.2
11 17	5 12.03	+16 27.2	1.504	2.439	9.7	21.0
11 27	5 2.19	+15 45.0	1.481	2.452	5.2	20.7
12 7	4 51.37	+15 6.9	1.485	2.465	3.0	20.6
12 17	4 40.93	+14 36.3	1.518	2.478	6.4	20.9
12 27	4 32.13	+14 16.0	1.578	2.490	10.6	21.1
1 6	4 25.86	+14 7.5	1.661	2.502	14.4	21.4

212388 2006 HP_{100} 12 6.3 164°.17 3°.2/ 5.7 18

10 28	5 25.80	+15 37.1	1.665	2.449	17.4	21.3
11 7	5 20.89	+15 14.9	1.585	2.454	13.9	21.0
11 17	5 12.97	+14 54.4	1.526	2.458	9.8	20.8
11 27	5 2.74	+14 37.5	1.492	2.462	5.5	20.6
12 7	4 51.33	+14 25.9	1.486	2.465	3.3	20.4
12 17	4 40.11	+14 21.7	1.508	2.467	6.5	20.7
12 27	4 30.44	+14 26.4	1.558	2.469	10.8	20.9
1 6	4 23.29	+14 40.5	1.632	2.470	14.7	21.1

484264 2007 HE_{57} 12 6.3 199°.39 3°.5/ 5.4 18

10 28	5 18.86	+ 9 27.6	2.902	3.658	11.3	21.8
11 7	5 14.12	+ 9 17.5	2.806	3.655	9.2	21.7
11 17	5 7.67	+ 9 12.0	2.734	3.651	6.7	21.5
11 27	4 59.94	+ 9 12.7	2.690	3.646	4.4	21.3
12 7	4 51.55	+ 9 20.8	2.675	3.641	3.6	21.3
12 17	4 43.18	+ 9 36.8	2.692	3.636	5.1	21.4
12 27	4 35.55	+10 0.8	2.739	3.630	7.5	21.5
1 6	4 29.27	+10 32.4	2.812	3.624	10.0	21.7

516631 2008 DP_{80} 12 6.3 38°.49 3°.5/ 5.7 18

10 28	5 19.72	+13 57.2	1.737	2.529	16.4	21.0
11 7	5 15.92	+13 39.7	1.663	2.536	13.1	20.8
11 17	5 9.44	+13 25.8	1.610	2.543	9.3	20.6
11 27	5 0.95	+13 17.6	1.581	2.550	5.4	20.4
12 7	4 51.48	+13 16.8	1.580	2.557	3.6	20.3
12 17	4 42.20	+13 24.7	1.607	2.565	6.3	20.5
12 27	4 34.28	+13 41.8	1.660	2.573	10.2	20.7
1 6	4 28.59	+14 7.8	1.738	2.581	13.7	20.9

204786 Wehlau 12 6.3 54°.17 0°.1/ 6.4 18

10 28	5 21.81	+23 32.2	1.712	2.502	16.7	21.3
11 7	5 17.83	+23 28.4	1.633	2.506	13.3	21.0
11 17	5 10.90	+23 20.5	1.575	2.511	9.2	20.8
11 27	5 1.72	+23 8.0	1.541	2.515	4.6	20.5
12 7	4 51.43	+22 51.2	1.535	2.520	0.3	20.2
12 17	4 41.33	+22 31.8	1.557	2.525	5.2	20.6
12 27	4 32.75	+22 12.9	1.606	2.529	9.6	20.9
1 6	4 26.64	+21 57.7	1.680	2.534	13.5	21.1

297351 1999 YP_{16} 12 6.3 30°.45 2°.3/ 6.9 17

10 28	5 21.07	+28 25.8	1.321	2.127	19.9	20.7
11 7	5 18.02	+28 29.7	1.262	2.142	15.9	20.5
11 17	5 11.35	+28 24.2	1.221	2.158	11.2	20.3
11 27	5 1.98	+28 7.1	1.203	2.175	6.0	20.1
12 7	4 51.43	+27 38.5	1.209	2.192	2.3	19.9
12 17	4 41.37	+27 1.2	1.242	2.211	6.0	20.2
12 27	4 33.40	+26 20.7	1.301	2.231	10.8	20.5
1 6	4 28.49	+25 42.9	1.382	2.251	15.0	20.8

452204 2015 RK_{194} 12 6.3 214°.01 3°.1/ 7.1 18

10 28	5 24.90	+30 49.9	2.222	2.979	14.4	21.9
11 7	5 19.94	+31 19.6	2.124	2.973	11.7	21.7
11 17	5 12.25	+31 43.0	2.047	2.966	8.5	21.5
11 27	5 2.41	+31 56.9	1.997	2.959	5.2	21.3
12 7	4 51.39	+31 59.2	1.976	2.952	3.1	21.1
12 17	4 40.34	+31 49.6	1.984	2.944	5.1	21.3
12 27	4 30.53	+31 30.5	2.021	2.936	8.5	21.5
1 6	4 22.90	+31 6.1	2.085	2.927	11.8	21.6

40309 1999 JH_{131} 12 6.3 99°.96 1°.5/ 6.6 18

10 28	5 28.10	+25 59.1	1.503	2.289	18.9	19.8
11 7	5 23.13	+26 11.6	1.436	2.306	15.0	19.6
11 17	5 14.68	+26 18.4	1.389	2.322	10.5	19.4
11 27	5 3.60	+26 17.0	1.366	2.338	5.4	19.2
12 7	4 51.31	+26 6.4	1.369	2.354	1.5	18.9
12 17	4 39.44	+25 48.1	1.401	2.369	5.7	19.3
12 27	4 29.55	+25 26.1	1.460	2.383	10.4	19.6
1 6	4 22.66	+25 5.1	1.543	2.398	14.5	19.9

187025 2005 DB_2 12 6.3 226°.06 10°.1/ 5.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 39.25	+32 54.0	1.239	2.014	22.7	20.0
11 7	5 34.80	+35 42.9	1.159	2.011	19.1	19.7
11 17	5 24.91	+38 35.8	1.099	2.008	15.0	19.5
11 27	5 9.74	+41 16.5	1.061	2.005	11.4	19.2
12 7	4 50.81	+43 26.6	1.050	2.002	10.1	19.2
12 17	4 30.90	+44 53.2	1.065	1.998	12.3	19.3
12 27	4 13.41	+45 35.9	1.104	1.994	16.2	19.5
1 6	4 0.92	+45 46.1	1.164	1.990	20.2	19.7

379644 2011 EY_7 12 6.3 213°.33 3°.7/ 7.5 18

10 28	5 21.45	+34 38.6	2.630	3.374	12.7	21.4
11 7	5 16.80	+35 5.1	2.534	3.371	10.4	21.2
11 17	5 9.85	+35 23.7	2.460	3.368	7.8	21.0
11 27	5 1.14	+35 31.6	2.412	3.365	5.2	20.9
12 7	4 51.50	+35 27.0	2.394	3.361	3.7	20.8
12 17	4 41.91	+35 10.1	2.405	3.358	5.0	20.9
12 27	4 33.38	+34 43.2	2.445	3.354	7.5	21.0
1 6	4 26.71	+34 10.1	2.512	3.350	10.2	21.2

425182 2009 UN_{38} 12 6.3 286°.96 2°.2/ 6.7 17

10 28	5 21.48	+27 1.2	2.267	3.035	13.8	20.8
11 7	5 17.19	+27 41.1	2.165	3.023	11.1	20.6
11 17	5 10.37	+28 18.4	2.085	3.011	7.9	20.3
11 27	5 1.51	+28 50.4	2.031	2.999	4.4	20.1
12 7	4 51.47	+29 15.0	2.007	2.987	2.2	19.9
12 17	4 41.30	+29 31.2	2.012	2.975	4.7	20.1
12 27	4 32.17	+29 39.8	2.046	2.963	8.3	20.3
1 6	4 25.01	+29 43.5	2.107	2.952	11.6	20.5

481961 2009 DS_{136} 12 6.3 300°.34 1°.4/ 6.1 18

10 28	5 21.10	+17 51.2	1.713	2.506	16.6	20.9
11 7	5 17.51	+18 3.5	1.616	2.491	13.3	20.6
11 17	5 10.93	+18 18.3	1.540	2.476	9.3	20.3
11 27	5 1.90	+18 35.8	1.488	2.462	4.8	20.0
12 7	4 51.44	+18 55.7	1.464	2.448	1.5	19.8
12 17	4 40.84	+19 17.8	1.467	2.433	5.7	20.0
12 27	4 31.51	+19 42.7	1.498	2.420	10.4	20.3
1 6	4 24.58	+20 11.1	1.553	2.406	14.5	20.5

210090 2006 QC_{76} 12 6.3 216°.24 1°.9/ 5.9 18

10 28	5 20.82	+17 58.9	1.975	2.758	15.1	21.4
11 7	5 16.62	+17 45.6	1.887	2.756	12.0	21.2
11 17	5 9.88	+17 32.2	1.820	2.754	8.3	21.0
11 27	5 1.20	+17 19.7	1.779	2.752	4.4	20.7
12 7	4 51.51	+17 9.3	1.767	2.749	2.0	20.6
12 17	4 41.89	+17 2.5	1.784	2.746	5.3	20.8
12 27	4 33.49	+17 1.0	1.829	2.744	9.2	21.0
1 6	4 27.15	+17 6.0	1.899	2.741	12.8	21.2

274341 2008 RS_{34} 12 6.3 50°.05 2°.6/ 7.1 17

10 28	5 20.53	+30 11.3	2.136	2.906	14.5	20.7
11 7	5 16.32	+30 24.9	2.059	2.916	11.6	20.5
11 17	5 9.59	+30 31.2	2.003	2.927	8.3	20.3
11 27	5 1.00	+30 28.1	1.973	2.938	4.8	20.1
12 7	4 51.53	+30 14.9	1.970	2.950	2.6	20.0
12 17	4 42.27	+29 52.7	1.998	2.961	4.7	20.2
12 27	4 34.32	+29 24.4	2.053	2.973	8.1	20.4
1 6	4 28.47	+28 54.0	2.135	2.985	11.2	20.6

277348 2005 TU_{82} 12 6.3 26°.61 4°.9/ 7.6 18

10 28	5 21.85	+32 39.4	1.129	1.941	22.3	19.9
11 7	5 19.50	+33 3.3	1.072	1.952	18.1	19.6
11 17	5 12.85	+33 13.0	1.033	1.965	13.2	19.4
11 27	5 2.88	+33 3.6	1.013	1.980	8.1	19.2
12 7	4 51.40	+32 33.2	1.017	1.995	4.9	19.1
12 17	4 40.51	+31 44.8	1.046	2.011	7.5	19.3
12 27	4 32.15	+30 46.4	1.098	2.029	12.2	19.6
1 6	4 27.45	+29 47.2	1.172	2.047	16.6	19.9

78621 2002 TS_8 12 6.3 11°.30 0°.5/ 6.4 18

10 28	5 18.35	+22 50.7	1.348	2.163	19.2	18.5
11 7	5 15.89	+23 8.2	1.279	2.166	15.3	18.3
11 17	5 10.01	+23 23.5	1.229	2.171	10.6	18.0
11 27	5 1.44	+23 35.3	1.201	2.176	5.3	17.7
12 7	4 51.50	+23 42.5	1.198	2.183	0.6	17.4
12 17	4 41.77	+23 45.8	1.222	2.191	5.9	17.8
12 27	4 33.85	+23 47.4	1.270	2.201	10.9	18.1
1 6	4 28.82	+23 50.3	1.341	2.211	15.3	18.4

236977 2008 ND_5 12 6.3 34°.37 7°.8/ 5.8 18

10 28	5 19.19	+ 0 6.3	1.907	2.670	16.2	19.4
11 7	5 15.07	− 0 13.8	1.843	2.683	13.6	19.3
11 17	5 8.63	− 0 19.7	1.800	2.696	10.9	19.1
11 27	5 0.49	− 0 7.4	1.780	2.710	8.6	19.0
12 7	4 51.58	+ 0 25.1	1.787	2.724	7.9	19.0
12 17	4 42.91	+ 1 17.5	1.820	2.739	9.0	19.1
12 27	4 35.45	+ 2 27.2	1.880	2.755	11.4	19.3
1 6	4 29.96	+ 3 50.0	1.964	2.770	13.9	19.5

384361 2009 UP_{81} 12 6.3 349°.04 1°.9/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.96	+25 45.2	1.163	1.987	21.0	21.1
11 7	5 16.42	+26 3.6	1.087	1.979	16.9	20.8
11 17	5 10.91	+26 16.3	1.029	1.972	12.0	20.5
11 27	5 2.10	+26 20.9	0.991	1.966	6.3	20.1
12 7	4 51.45	+26 15.7	0.977	1.961	1.9	19.8
12 17	4 40.86	+26 1.5	0.988	1.958	6.7	20.1
12 27	4 32.33	+25 42.7	1.022	1.956	12.4	20.4
1 6	4 27.23	+25 24.6	1.076	1.956	17.5	20.7

347159 2011 FL_{7} 12 6.3 194°.02 0°.5/ 6.5 18

10 28	5 25.47	+24 1.3	2.026	2.796	15.2	21.5
11 7	5 20.38	+24 8.2	1.933	2.794	12.1	21.3
11 17	5 12.54	+24 11.7	1.861	2.792	8.4	21.1
11 27	5 2.56	+24 10.6	1.816	2.788	4.2	20.8
12 7	4 51.43	+24 4.2	1.800	2.785	0.6	20.5
12 17	4 40.36	+23 53.4	1.814	2.780	4.7	20.8
12 27	4 30.58	+23 40.5	1.857	2.775	8.9	21.1
1 6	4 23.04	+23 28.5	1.925	2.769	12.6	21.3

8174 1991 SL_{2} 12 6.3 22°.51 0°.7/ 6.4 18

10 28	5 19.98	+22 37.7	1.967	2.752	15.1	16.6
11 7	5 16.06	+23 8.5	1.887	2.757	11.9	16.4
11 17	5 9.56	+23 38.6	1.829	2.763	8.3	16.2
11 27	5 1.07	+24 6.3	1.797	2.770	4.2	16.0
12 7	4 51.55	+24 30.1	1.793	2.777	0.7	15.7
12 17	4 42.12	+24 49.6	1.817	2.785	4.6	16.0
12 27	4 33.95	+25 5.6	1.871	2.793	8.6	16.3
1 6	4 27.91	+25 20.0	1.949	2.801	12.0	16.5

494637 2017 DD_{9} 12 6.3 71°.17 0°.8/ 6.2 18

10 28	5 20.38	+18 55.3	2.217	2.993	13.8	20.1
11 7	5 15.99	+19 10.8	2.131	2.997	10.9	19.9
11 17	5 9.30	+19 27.3	2.069	3.002	7.5	19.7
11 27	5 0.88	+19 44.4	2.033	3.006	3.8	19.5
12 7	4 51.56	+20 1.7	2.026	3.010	0.9	19.3
12 17	4 42.32	+20 19.3	2.049	3.014	4.4	19.5
12 27	4 34.15	+20 37.8	2.101	3.019	8.1	19.8
1 6	4 27.85	+20 57.8	2.179	3.023	11.3	20.0

450445 2005 UT_{417} 12 6.3 68°.37 4°.6/ 6.9 15

10 28	5 28.50	+31 34.1	1.960	2.718	16.0	21.2
11 7	5 23.01	+32 50.6	1.893	2.740	13.0	21.0
11 17	5 14.45	+34 1.1	1.848	2.762	9.6	20.9
11 27	5 3.52	+35 0.0	1.828	2.784	6.3	20.7
12 7	4 51.38	+35 42.8	1.837	2.805	4.6	20.7
12 17	4 39.43	+36 8.0	1.876	2.827	6.2	20.8
12 27	4 29.07	+36 17.6	1.942	2.849	9.3	21.0
1 6	4 21.30	+36 16.2	2.035	2.871	12.3	21.3

325938 2010 VG_{33} 12 6.3 189°.48 2°.4/ 5.8 16

10 28	5 25.50	+17 44.1	1.749	2.531	16.8	22.3
11 7	5 20.64	+17 21.0	1.662	2.531	13.4	22.1
11 17	5 12.84	+16 57.5	1.597	2.529	9.4	21.9
11 27	5 2.74	+16 34.7	1.556	2.528	5.0	21.6
12 7	4 51.43	+16 14.5	1.544	2.525	2.5	21.4
12 17	4 40.25	+15 59.1	1.560	2.522	6.1	21.6
12 27	4 30.51	+15 50.8	1.605	2.518	10.4	21.9
1 6	4 23.22	+15 51.3	1.674	2.513	14.3	22.1

183455 2003 BO_{30} 12 6.3 313°.86 4°.8/ 5.5 18

10 28	5 18.48	+10 49.3	1.785	2.575	16.1	20.1
11 7	5 15.10	+10 27.2	1.693	2.562	13.1	19.9
11 17	5 9.06	+10 10.7	1.622	2.550	9.6	19.6
11 27	5 0.90	+10 2.9	1.575	2.537	6.2	19.4
12 7	4 51.56	+10 6.2	1.555	2.525	4.9	19.3
12 17	4 42.18	+10 22.1	1.562	2.514	7.2	19.4
12 27	4 33.98	+10 51.0	1.596	2.503	11.0	19.6
1 6	4 27.93	+11 31.6	1.654	2.492	14.6	19.8

353313 2010 JL_{152} 12 6.3 228°.40 1°.2/ 6.5 18

10 28	5 25.48	+23 3.7	1.986	2.758	15.4	20.5
11 7	5 20.61	+23 46.8	1.890	2.752	12.3	20.3
11 17	5 12.89	+24 30.1	1.816	2.746	8.6	20.1
11 27	5 2.83	+25 11.2	1.767	2.739	4.4	19.8
12 7	4 51.42	+25 47.5	1.748	2.732	1.2	19.6
12 17	4 39.90	+26 17.4	1.759	2.725	4.9	19.8
12 27	4 29.60	+26 41.3	1.799	2.718	9.1	20.1
1 6	4 21.59	+27 1.2	1.865	2.710	12.8	20.3

181812 1998 RH_{24} 12 6.3 62°.87 0°.8/ 6.2 18

10 28	5 26.93	+20 23.2	1.335	2.135	20.1	20.4
11 7	5 22.22	+20 28.5	1.282	2.161	15.8	20.2
11 17	5 14.00	+20 33.0	1.249	2.187	10.8	20.0
11 27	5 3.23	+20 36.1	1.239	2.214	5.3	19.7
12 7	4 51.42	+20 37.9	1.255	2.240	0.9	19.5
12 17	4 40.20	+20 39.2	1.299	2.266	6.0	19.9
12 27	4 31.09	+20 42.3	1.369	2.293	10.9	20.3
1 6	4 25.03	+20 49.5	1.462	2.319	15.0	20.6

472757 2015 FZ_{114} 12 6.3 128°.23 1°.2/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.11	+21 16.8	1.698	2.483	17.1	21.2
11 7	5 20.29	+20 52.6	1.622	2.493	13.5	21.0
11 17	5 12.51	+20 24.7	1.568	2.503	9.3	20.8
11 27	5 2.52	+19 54.1	1.538	2.512	4.7	20.5
12 7	4 51.48	+19 22.5	1.537	2.521	1.3	20.3
12 17	4 40.74	+18 52.4	1.564	2.530	5.5	20.6
12 27	4 31.61	+18 27.3	1.620	2.538	10.0	20.9
1 6	4 25.00	+18 9.9	1.700	2.545	13.8	21.2

431695 2008 DJ_{82} 12 6.3 136°.98 2°.8/ 6.9 18

10 28	5 28.43	+28 41.3	1.765	2.535	17.1	22.0
11 7	5 23.18	+29 13.3	1.687	2.545	13.7	21.8
11 17	5 14.68	+29 39.2	1.629	2.554	9.8	21.5
11 27	5 3.68	+29 55.4	1.597	2.564	5.6	21.3
12 7	4 51.40	+29 59.4	1.592	2.572	2.8	21.2
12 17	4 39.33	+29 51.3	1.617	2.580	5.6	21.4
12 27	4 28.96	+29 34.3	1.670	2.588	9.7	21.6
1 6	4 21.33	+29 13.3	1.747	2.595	13.4	21.9

227213 2005 QP_{164} 12 6.3 140°.58 5°.9/ 7.9 18

10 28	5 31.99	+37 37.0	1.989	2.725	16.5	20.9
11 7	5 25.99	+38 28.5	1.911	2.738	13.7	20.7
11 17	5 16.62	+39 8.9	1.853	2.750	10.6	20.5
11 27	5 4.65	+39 32.1	1.820	2.762	7.6	20.3
12 7	4 51.35	+39 34.2	1.815	2.772	6.0	20.3
12 17	4 38.29	+39 14.8	1.839	2.782	7.1	20.4
12 27	4 27.02	+38 38.1	1.891	2.791	9.9	20.6
1 6	4 18.63	+37 51.1	1.968	2.800	12.8	20.8

290155 2005 QZ_{182} 12 6.3 70°.99 3°.9/ 5.7 18

10 28	5 20.87	+11 42.4	1.940	2.721	15.4	20.4
11 7	5 16.45	+11 30.4	1.871	2.735	12.3	20.2
11 17	5 9.62	+11 23.6	1.822	2.749	8.8	20.0
11 27	5 1.03	+11 24.1	1.800	2.764	5.4	19.8
12 7	4 51.62	+11 33.0	1.805	2.778	3.9	19.8
12 17	4 42.43	+11 51.0	1.839	2.793	6.2	19.9
12 27	4 34.50	+12 18.0	1.901	2.807	9.5	20.2
1 6	4 28.60	+12 53.1	1.988	2.821	12.7	20.4

174703 2003 UR_{91} 12 6.4 285°.00 2°.6/ 5.8 18

10 28	5 21.95	+18 4.8	1.437	2.241	18.7	20.5
11 7	5 18.76	+17 42.6	1.344	2.225	15.1	20.2
11 17	5 12.12	+17 19.5	1.271	2.209	10.6	19.9
11 27	5 2.64	+16 57.1	1.220	2.194	5.7	19.6
12 7	4 51.49	+16 37.6	1.195	2.178	2.7	19.4
12 17	4 40.21	+16 23.6	1.197	2.162	7.0	19.6
12 27	4 30.50	+16 18.2	1.225	2.146	12.2	19.8
1 6	4 23.62	+16 23.2	1.275	2.130	16.9	20.1

160194 2001 YK_{67} 12 6.4 260°.89 1°.2/ 6.2 17

10 28	5 21.23	+17 47.8	2.135	2.912	14.3	20.6
11 7	5 16.87	+18 3.3	2.040	2.906	11.4	20.4
11 17	5 10.07	+18 20.9	1.967	2.900	7.9	20.1
11 27	5 1.36	+18 40.4	1.921	2.894	4.0	19.9
12 7	4 51.59	+19 1.5	1.904	2.888	1.2	19.7
12 17	4 41.79	+19 23.8	1.916	2.881	4.7	19.9
12 27	4 33.06	+19 47.9	1.958	2.875	8.6	20.1
1 6	4 26.26	+20 14.3	2.025	2.868	12.1	20.3

451123 2009 JZ_{10} 12 6.4 152°.83 2°.4/ 5.5 18

10 28	5 20.51	+17 22.4	2.278	3.053	13.6	22.1
11 7	5 15.89	+16 46.8	2.194	3.058	10.7	21.9
11 17	5 9.11	+16 10.2	2.133	3.064	7.5	21.7
11 27	5 0.76	+15 34.5	2.099	3.069	4.1	21.5
12 7	4 51.64	+15 1.7	2.094	3.073	2.4	21.4
12 17	4 42.70	+14 34.2	2.119	3.077	5.0	21.6
12 27	4 34.84	+14 14.0	2.174	3.081	8.4	21.8
1 6	4 28.76	+14 2.5	2.254	3.084	11.5	22.0

297301 1998 SQ_{20} 12 6.4 177°.13 2°.3/ 6.9 18

10 28	5 23.82	+28 47.6	2.027	2.795	15.2	21.4
11 7	5 19.18	+29 4.3	1.938	2.796	12.2	21.2
11 17	5 11.77	+29 14.8	1.871	2.797	8.7	21.0
11 27	5 2.21	+29 16.5	1.830	2.797	4.9	20.8
12 7	4 51.54	+29 8.2	1.816	2.797	2.3	20.6
12 17	4 40.97	+28 50.6	1.833	2.797	4.9	20.8
12 27	4 31.77	+28 26.5	1.878	2.797	8.7	21.0
1 6	4 24.85	+28 0.2	1.948	2.796	12.2	21.2

98923 2001 BB_{78} 12 6.4 51°.86 6°.4/ 4.9 18

10 28	5 18.01	+ 5 40.9	2.018	2.793	15.1	19.1
11 7	5 14.09	+ 4 58.2	1.948	2.802	12.4	18.9
11 17	5 7.96	+ 4 23.5	1.899	2.811	9.5	18.8
11 27	5 0.21	+ 4 1.0	1.876	2.820	7.1	18.6
12 7	4 51.69	+ 3 53.6	1.879	2.830	6.4	18.6
12 17	4 43.36	+ 4 2.8	1.910	2.839	8.0	18.7
12 27	4 36.17	+ 4 28.4	1.967	2.849	10.5	18.9
1 6	4 30.82	+ 5 8.2	2.049	2.859	13.2	19.1

318322 2004 TX_{169} 12 6.4 54°.33 4°.8/ 5.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.85	+ 9 56.5	2.121	2.900	14.3	20.1
11 7	5 13.94	+ 9 17.0	2.042	2.903	11.6	19.9
11 17	5 7.85	+ 8 42.1	1.985	2.907	8.5	19.7
11 27	5 0.17	+ 8 14.9	1.955	2.911	5.8	19.5
12 7	4 51.70	+ 7 58.2	1.952	2.915	4.9	19.5
12 17	4 43.37	+ 7 53.9	1.977	2.920	6.8	19.6
12 27	4 36.10	+ 8 2.7	2.030	2.924	9.7	19.8
1 6	4 30.62	+ 8 23.8	2.108	2.928	12.5	20.0

251177 2006 UH_{26} 12 6.4 130°.59 2°.1/ 6.9 18

10 28	5 23.49	+28 19.1	2.129	2.895	14.6	21.4
11 7	5 18.69	+28 37.1	2.046	2.903	11.7	21.2
11 17	5 11.30	+28 49.4	1.984	2.910	8.3	21.0
11 27	5 1.93	+28 53.8	1.949	2.916	4.6	20.8
12 7	4 51.57	+28 49.2	1.942	2.923	2.1	20.6
12 17	4 41.37	+28 36.1	1.965	2.929	4.7	20.8
12 27	4 32.48	+28 17.1	2.017	2.935	8.3	21.0
1 6	4 25.75	+27 56.0	2.094	2.941	11.6	21.3

408645 2014 MV_{13} 12 6.4 154°.49 2°.4/ 5.7 18

10 28	5 20.26	+16 0.4	2.222	2.998	13.8	21.9
11 7	5 15.80	+15 42.4	2.138	3.002	11.0	21.7
11 17	5 9.13	+15 25.5	2.075	3.006	7.7	21.5
11 27	5 0.81	+15 10.9	2.039	3.009	4.2	21.3
12 7	4 51.66	+15 0.2	2.033	3.012	2.5	21.2
12 17	4 42.64	+14 54.7	2.056	3.015	5.1	21.4
12 27	4 34.68	+14 55.6	2.108	3.017	8.5	21.6
1 6	4 28.55	+15 3.7	2.186	3.020	11.6	21.8

224028 2005 LC_{24} 12 6.4 117°.40 0°.2/ 6.4 17

10 28	5 31.04	+28 43.8	1.776	2.540	17.2	20.9
11 7	5 24.63	+27 34.1	1.700	2.558	13.7	20.7
11 17	5 15.23	+26 11.4	1.647	2.575	9.5	20.5
11 27	5 3.74	+24 36.7	1.620	2.592	4.7	20.2
12 7	4 51.48	+22 54.0	1.623	2.608	0.3	19.9
12 17	4 39.85	+21 10.0	1.658	2.624	5.2	20.3
12 27	4 30.10	+19 32.4	1.722	2.639	9.6	20.6
1 6	4 23.04	+18 7.5	1.813	2.653	13.4	20.9

110601 2001 TJ_{134} 12 6.4 37°.25 6°.4/ 5.0 18

10 28	5 18.52	+ 8 34.1	1.634	2.427	17.3	19.2
11 7	5 14.99	+ 7 44.1	1.571	2.440	14.0	19.0
11 17	5 8.81	+ 7 1.3	1.529	2.452	10.5	18.8
11 27	5 0.70	+ 6 30.4	1.511	2.465	7.4	18.7
12 7	4 51.70	+ 6 15.1	1.518	2.479	6.4	18.7
12 17	4 42.99	+ 6 17.4	1.553	2.493	8.4	18.8
12 27	4 35.70	+ 6 37.2	1.612	2.508	11.6	19.0
1 6	4 30.65	+ 7 12.4	1.695	2.523	14.7	19.3

311773 2006 UP_{5} 12 6.4 38°.93 3°.0/ 5.6 18

10 28	5 19.46	+16 26.8	1.691	2.487	16.7	20.8
11 7	5 15.81	+15 56.2	1.619	2.496	13.2	20.6
11 17	5 9.43	+15 26.3	1.569	2.504	9.3	20.4
11 27	5 1.03	+14 59.3	1.543	2.514	5.1	20.2
12 7	4 51.68	+14 37.8	1.544	2.523	3.1	20.1
12 17	4 42.57	+14 23.9	1.573	2.534	6.2	20.3
12 27	4 34.89	+14 19.5	1.629	2.544	10.2	20.5
1 6	4 29.50	+14 25.3	1.709	2.555	13.8	20.8

275645 2000 GO_{85} 12 6.4 316°.09 0°.5/ 6.4 16

10 28	5 21.58	+20 40.4	1.893	2.678	15.6	20.6
11 7	5 18.05	+21 25.5	1.771	2.641	12.6	20.3
11 17	5 11.56	+22 14.9	1.671	2.605	8.9	20.0
11 27	5 2.45	+23 6.8	1.596	2.569	4.5	19.7
12 7	4 51.55	+23 58.7	1.549	2.534	0.6	19.3
12 17	4 40.10	+24 48.1	1.531	2.498	5.3	19.5
12 27	4 29.56	+25 33.9	1.541	2.463	10.1	19.7
1 6	4 21.23	+26 16.8	1.577	2.429	14.4	19.9

454521 2014 OH_{226} 12 6.4 62°.04 0°.6/ 6.3 18

10 28	5 21.37	+19 41.7	2.030	2.810	14.8	21.3
11 7	5 17.03	+19 59.7	1.948	2.816	11.7	21.1
11 17	5 10.17	+20 18.4	1.887	2.821	8.1	20.9
11 27	5 1.41	+20 37.1	1.853	2.827	4.0	20.7
12 7	4 51.66	+20 55.2	1.847	2.832	0.6	20.4
12 17	4 42.01	+21 12.7	1.871	2.838	4.6	20.7
12 27	4 33.56	+21 30.1	1.924	2.844	8.5	21.0
1 6	4 27.16	+21 48.8	2.002	2.849	12.0	21.2

59230 1999 CY 12 6.4 75°.41 0°.8/ 6.2 18

10 28	5 28.67	+20 20.3	1.291	2.091	20.7	18.1
11 7	5 23.80	+20 27.6	1.236	2.115	16.3	17.9
11 17	5 15.24	+20 34.3	1.200	2.138	11.2	17.6
11 27	5 3.96	+20 39.7	1.187	2.161	5.5	17.4
12 7	4 51.49	+20 43.4	1.200	2.185	0.9	17.1
12 17	4 39.62	+20 46.2	1.240	2.208	6.2	17.6
12 27	4 29.94	+20 50.4	1.306	2.230	11.3	17.9
1 6	4 23.48	+20 58.6	1.395	2.253	15.6	18.2

414727 2009 XN_{20} 12 6.4 7°.85 1°.1/ 6.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.10	+20 18.6	1.838	2.634	15.5	20.6
11 7	5 13.91	+20 9.8	1.759	2.635	12.3	20.4
11 17	5 8.14	+19 59.6	1.700	2.638	8.5	20.1
11 27	5 0.43	+19 48.5	1.666	2.640	4.3	19.9
12 7	4 51.73	+19 37.4	1.660	2.644	1.1	19.7
12 17	4 43.17	+19 28.0	1.682	2.648	5.0	20.0
12 27	4 35.89	+19 22.2	1.731	2.653	9.1	20.2
1 6	4 30.73	+19 21.5	1.804	2.659	12.8	20.5

485749 2012 BH_{105} 12 6.4 63°.14 5°.5/ 5.3 18

10 28	5 19.61	+ 8 13.0	1.918	2.698	15.6	20.7
11 7	5 15.48	+ 7 41.9	1.849	2.708	12.6	20.5
11 17	5 8.99	+ 7 17.9	1.800	2.719	9.4	20.4
11 27	5 0.76	+ 7 4.4	1.776	2.731	6.5	20.2
12 7	4 51.72	+ 7 3.8	1.780	2.742	5.5	20.2
12 17	4 42.88	+ 7 17.4	1.812	2.753	7.4	20.3
12 27	4 35.27	+ 7 44.7	1.871	2.765	10.3	20.5
1 6	4 29.64	+ 8 24.1	1.954	2.776	13.3	20.7

198779 2005 EA_{111} 12 6.4 352°.18 5°.9/ 5.3 17

10 28	5 17.37	+ 5 15.1	2.178	2.948	14.2	19.8
11 7	5 13.56	+ 4 51.6	2.095	2.946	11.7	19.7
11 17	5 7.63	+ 4 36.6	2.034	2.945	9.0	19.5
11 27	5 0.11	+ 4 33.4	1.998	2.943	6.7	19.3
12 7	4 51.77	+ 4 44.2	1.989	2.942	5.9	19.3
12 17	4 43.49	+ 5 10.0	2.008	2.941	7.4	19.4
12 27	4 36.20	+ 5 50.1	2.055	2.941	10.0	19.6
1 6	4 30.62	+ 6 42.4	2.126	2.940	12.7	19.7

272039 2005 EW_{86} 12 6.4 353°.82 9°.7/ 3.6 17

10 28	5 13.90	+ 0 49.7	1.730	2.513	16.9	19.8
11 7	5 11.38	− 0 29.5	1.657	2.507	14.4	19.6
11 17	5 6.41	− 1 37.6	1.605	2.502	11.9	19.4
11 27	4 59.58	− 2 27.6	1.575	2.498	10.1	19.3
12 7	4 51.80	− 2 53.7	1.569	2.495	9.8	19.3
12 17	4 44.12	− 2 52.8	1.589	2.493	11.2	19.4
12 27	4 37.63	− 2 25.2	1.631	2.492	13.6	19.5
1 6	4 33.14	− 1 34.2	1.695	2.492	16.1	19.7

48660 1995 WA_{5} 12 6.4 358°.65 1°.4/ 6.1 18

10 28	5 11.50	+20 51.0	0.918	1.773	22.9	17.9
11 7	5 11.84	+20 41.1	0.856	1.766	18.3	17.6
11 17	5 8.01	+20 28.3	0.809	1.762	12.7	17.3
11 27	5 0.77	+20 14.0	0.781	1.759	6.4	17.0
12 7	4 51.71	+20 0.1	0.775	1.759	1.5	16.7
12 17	4 42.85	+19 49.5	0.790	1.762	7.5	17.1
12 27	4 36.23	+19 45.9	0.826	1.766	13.7	17.4
1 6	4 33.19	+19 51.5	0.881	1.773	19.0	17.7

475839 2007 BN_{34} 12 6.4 281°.30 1°.7/ 6.0 18

10 28	5 22.20	+19 23.5	1.572	2.368	17.7	21.7
11 7	5 18.72	+19 12.7	1.475	2.352	14.2	21.4
11 17	5 12.00	+19 0.9	1.397	2.335	10.0	21.1
11 27	5 2.59	+18 48.6	1.344	2.318	5.1	20.8
12 7	4 51.60	+18 36.9	1.317	2.301	1.7	20.5
12 17	4 40.46	+18 27.6	1.318	2.284	6.2	20.8
12 27	4 30.76	+18 23.2	1.345	2.267	11.3	21.0
1 6	4 23.70	+18 26.0	1.396	2.250	15.8	21.2

298571 2003 YC_{6} 12 6.4 349°.40 4°.1/ 8.0 17

10 28	5 23.15	+35 39.2	1.590	2.366	18.4	19.7
11 7	5 19.56	+35 19.0	1.504	2.362	15.1	19.5
11 17	5 12.46	+34 41.7	1.438	2.359	11.2	19.2
11 27	5 2.67	+33 44.0	1.394	2.356	7.0	19.0
12 7	4 51.60	+32 26.0	1.377	2.354	4.1	18.8
12 17	4 40.89	+30 52.1	1.388	2.352	6.2	18.9
12 27	4 32.09	+29 10.9	1.426	2.351	10.4	19.2
1 6	4 26.26	+27 31.7	1.488	2.351	14.5	19.4

484365 2007 VB_{113} 12 6.4 358°.00 0°.7/ 6.2 17

10 28	5 16.56	+22 22.3	1.325	2.144	19.2	21.0
11 7	5 14.60	+22 8.5	1.249	2.139	15.3	20.8
11 17	5 9.23	+21 50.2	1.193	2.136	10.6	20.5
11 27	5 1.17	+21 28.0	1.159	2.135	5.3	20.2
12 7	4 51.70	+21 3.4	1.149	2.134	0.8	19.9
12 17	4 42.40	+20 39.2	1.166	2.135	6.1	20.3
12 27	4 34.85	+20 19.1	1.207	2.137	11.4	20.6
1 6	4 30.16	+20 6.3	1.270	2.140	15.9	20.8

321270 2009 DA_{133} 12 6.4 164°.58 1°.5/ 6.7 16

10 28	5 27.71	+26 35.8	1.574	2.356	18.3	22.2
11 7	5 22.96	+26 40.3	1.493	2.360	14.7	22.0
11 17	5 14.76	+26 38.1	1.432	2.364	10.3	21.7
11 27	5 3.84	+26 27.0	1.395	2.366	5.4	21.4
12 7	4 51.53	+26 6.3	1.385	2.369	1.5	21.2
12 17	4 39.43	+25 37.5	1.403	2.371	5.7	21.5
12 27	4 29.16	+25 5.2	1.449	2.372	10.5	21.7
1 6	4 21.81	+24 34.6	1.519	2.373	14.8	22.0

97367 2000 AS_{51} 12 6.4 37°.66 5°.1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.11	+33 58.9	1.422	2.208	19.7	18.7
11 7	5 20.57	+34 30.5	1.359	2.222	16.1	18.5
11 17	5 13.26	+34 49.4	1.315	2.237	11.9	18.3
11 27	5 3.09	+34 50.7	1.293	2.252	7.7	18.1
12 7	4 51.58	+34 32.0	1.296	2.269	5.2	18.0
12 17	4 40.54	+33 54.8	1.325	2.285	7.1	18.1
12 27	4 31.66	+33 5.4	1.380	2.302	10.9	18.4
1 6	4 25.99	+32 11.5	1.458	2.320	14.8	18.7

366603 2003 BT_{9} 12 6.4 318°.43 6°.4/ 4.8 17

10 28	5 16.47	+ 9 38.5	1.603	2.404	17.2	20.4
11 7	5 14.01	+ 8 50.5	1.503	2.376	14.2	20.2
11 17	5 8.67	+ 8 6.8	1.422	2.350	10.8	19.9
11 27	5 0.93	+ 7 32.4	1.365	2.323	7.5	19.6
12 7	4 51.74	+ 7 12.2	1.333	2.297	6.5	19.5
12 17	4 42.35	+ 7 9.9	1.327	2.272	9.0	19.6
12 27	4 34.13	+ 7 27.3	1.345	2.248	12.9	19.8
1 6	4 28.22	+ 8 3.4	1.386	2.224	16.8	19.9

431662 2008 CG_{45} 12 6.4 220°.36 0°.5/ 6.5 18

10 28	5 25.79	+23 27.5	1.726	2.508	17.0	22.1
11 7	5 21.26	+23 38.4	1.634	2.502	13.6	21.8
11 17	5 13.56	+23 46.5	1.562	2.495	9.5	21.6
11 27	5 3.29	+23 50.3	1.515	2.488	4.8	21.3
12 7	4 51.59	+23 48.8	1.495	2.480	0.6	21.0
12 17	4 39.87	+23 42.6	1.505	2.472	5.4	21.3
12 27	4 29.63	+23 34.0	1.542	2.463	10.1	21.5
1 6	4 21.99	+23 26.6	1.604	2.454	14.3	21.8

7007 Timjull 12 6.4 179°.12 0°.4/ 6.5 18

10 28	5 25.13	+24 11.0	1.999	2.770	15.3	19.6
11 7	5 20.12	+24 9.8	1.910	2.772	12.2	19.4
11 17	5 12.38	+24 4.5	1.842	2.773	8.5	19.1
11 27	5 2.56	+23 54.1	1.801	2.774	4.3	18.9
12 7	4 51.65	+23 38.5	1.789	2.774	0.5	18.6
12 17	4 40.86	+23 19.2	1.806	2.773	4.7	18.9
12 27	4 31.41	+22 58.8	1.853	2.772	8.9	19.2
1 6	4 24.22	+22 40.5	1.925	2.770	12.5	19.4

212281 2005 LQ_{6} 12 6.4 57°.84 12°.9/ 1.6 18

10 28	5 18.74	− 7 12.7	1.797	2.541	17.7	19.8
11 7	5 14.89	− 9 26.1	1.748	2.553	15.7	19.7
11 17	5 8.62	−11 22.5	1.720	2.565	14.0	19.6
11 27	5 0.60	−12 52.6	1.714	2.578	13.0	19.6
12 7	4 51.80	−13 49.6	1.731	2.591	13.1	19.6
12 17	4 43.28	−14 10.6	1.771	2.604	14.0	19.7
12 27	4 36.05	−13 56.8	1.833	2.617	15.6	19.9
1 6	4 30.87	−13 13.4	1.912	2.630	17.2	20.0

265547 2005 OP_{12} 12 6.4 129°.75 2°.2/ 5.9 18

10 28	5 25.48	+17 36.7	1.804	2.583	16.4	21.2
11 7	5 20.39	+17 21.1	1.729	2.596	13.0	21.0
11 17	5 12.52	+17 5.9	1.676	2.608	9.0	20.8
11 27	5 2.59	+16 52.1	1.649	2.620	4.8	20.6
12 7	4 51.68	+16 40.8	1.649	2.631	2.2	20.4
12 17	4 41.03	+16 33.7	1.680	2.642	5.6	20.7
12 27	4 31.86	+16 32.6	1.738	2.652	9.7	21.0
1 6	4 25.03	+16 38.5	1.821	2.661	13.3	21.2

180295 2003 WQ_{120} 12 6.4 46°.23 2°.7/ 6.9 18

10 28	5 26.02	+28 42.2	1.117	1.929	22.5	19.3
11 7	5 22.48	+28 51.6	1.068	1.950	18.0	19.1
11 17	5 14.71	+28 50.5	1.035	1.972	12.6	18.9
11 27	5 3.81	+28 35.8	1.023	1.995	6.8	18.7
12 7	4 51.61	+28 6.9	1.036	2.019	2.7	18.5
12 17	4 40.18	+27 27.4	1.074	2.043	6.7	18.8
12 27	4 31.32	+26 44.0	1.136	2.067	11.9	19.2
1 6	4 26.09	+26 3.8	1.220	2.092	16.4	19.5

12772 1994 GM_{1} 12 6.4 98°.50 0°.9/ 6.2 18

10 28	5 25.98	+20 0.9	1.568	2.357	18.1	18.0
11 7	5 21.28	+20 5.5	1.498	2.371	14.3	17.8
11 17	5 13.40	+20 9.8	1.449	2.384	9.9	17.5
11 27	5 3.11	+20 13.2	1.423	2.397	4.9	17.3
12 7	4 51.66	+20 15.9	1.425	2.410	1.0	17.0
12 17	4 40.51	+20 18.4	1.456	2.423	5.6	17.4
12 27	4 31.08	+20 22.8	1.514	2.435	10.3	17.7
1 6	4 24.36	+20 30.9	1.595	2.447	14.3	18.0

335182 2005 BR_{11} 12 6.4 240°.31 4°.7/ 4.9 18

10 28	5 17.42	+ 6 3.5	2.926	3.679	11.3	21.7
11 7	5 13.10	+ 5 36.4	2.823	3.665	9.3	21.5
11 17	5 7.10	+ 5 14.8	2.744	3.651	7.2	21.3
11 27	4 59.84	+ 5 1.2	2.693	3.636	5.3	21.2
12 7	4 51.88	+ 4 57.5	2.670	3.621	4.7	21.1
12 17	4 43.90	+ 5 5.0	2.677	3.606	6.0	21.2
12 27	4 36.61	+ 5 24.0	2.714	3.590	8.2	21.3
1 6	4 30.59	+ 5 53.8	2.776	3.574	10.5	21.4

84021 2002 PC_{41} 12 6.4 61°.81 7°.6/ 9.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.19	+42 32.9	1.776	2.514	18.1	19.2
11 7	5 23.49	+43 8.3	1.705	2.527	15.3	19.0
11 17	5 15.13	+43 26.7	1.653	2.540	12.2	18.8
11 27	5 4.00	+43 21.8	1.624	2.554	9.3	18.7
12 7	4 51.61	+42 50.4	1.620	2.567	7.6	18.6
12 17	4 39.70	+41 53.8	1.643	2.580	8.3	18.7
12 27	4 29.91	+40 38.4	1.692	2.594	10.7	18.9
1 6	4 23.27	+39 13.5	1.766	2.608	13.6	19.1

296348 2009 FE_{9} 12 6.4 140°.82 2°.4/ 5.9 16

10 28	5 26.84	+17 53.9	1.633	2.417	17.7	21.8
11 7	5 21.79	+17 32.2	1.558	2.428	14.0	21.6
11 17	5 13.67	+17 10.2	1.504	2.437	9.8	21.4
11 27	5 3.23	+16 49.3	1.475	2.446	5.2	21.1
12 7	4 51.67	+16 31.2	1.473	2.455	2.5	21.0
12 17	4 40.38	+16 17.9	1.500	2.463	6.1	21.2
12 27	4 30.74	+16 11.7	1.555	2.470	10.6	21.5
1 6	4 23.70	+16 14.2	1.634	2.476	14.5	21.8

329864 2004 XX_{59} 12 6.4 19°.27 0°.8/ 6.3 18

10 28	5 19.49	+17 51.3	1.445	2.254	18.4	18.9
11 7	5 16.41	+18 28.4	1.383	2.267	14.6	18.7
11 17	5 10.18	+19 9.3	1.341	2.281	10.0	18.5
11 27	5 1.56	+19 52.9	1.322	2.297	5.0	18.2
12 7	4 51.77	+20 37.2	1.330	2.315	0.9	18.0
12 17	4 42.25	+21 20.5	1.364	2.333	5.6	18.4
12 27	4 34.38	+22 2.4	1.425	2.353	10.2	18.7
1 6	4 29.17	+22 43.3	1.510	2.374	14.3	19.0

73971 1998 BN_{8} 12 6.4 242°.27 3°.1/ 6.9 18

10 28	5 26.49	+29 14.9	1.611	2.391	18.0	19.4
11 7	5 22.32	+29 40.4	1.519	2.382	14.7	19.1
11 17	5 14.60	+29 59.1	1.446	2.374	10.6	18.8
11 27	5 3.94	+30 7.1	1.397	2.364	6.1	18.6
12 7	4 51.61	+30 1.6	1.374	2.355	3.1	18.4
12 17	4 39.23	+29 42.4	1.380	2.345	6.2	18.5
12 27	4 28.54	+29 13.6	1.412	2.335	10.8	18.8
1 6	4 20.81	+28 41.1	1.469	2.324	15.1	19.0

477457 2009 WO_{240} 12 6.4 0°.39 1°.5/ 6.1 16

10 28	5 16.96	+21 10.2	1.132	1.963	21.1	21.2
11 7	5 15.42	+20 48.8	1.063	1.960	16.8	20.9
11 17	5 10.09	+20 23.4	1.012	1.958	11.7	20.6
11 27	5 1.71	+19 55.3	0.981	1.958	5.9	20.3
12 7	4 51.76	+19 27.0	0.974	1.959	1.6	20.0
12 17	4 42.03	+19 2.0	0.991	1.961	7.0	20.4
12 27	4 34.31	+18 44.5	1.032	1.964	12.6	20.7
1 6	4 29.82	+18 37.3	1.093	1.969	17.5	21.0

283830 2003 TT_{58} 12 6.4 4°.37 8°.9/ 4.1 15

10 28	5 15.63	+ 7 25.9	1.321	2.134	19.6	20.4
11 7	5 13.48	+ 5 58.0	1.256	2.134	16.2	20.2
11 17	5 8.24	+ 4 37.1	1.210	2.134	12.6	20.0
11 27	5 0.63	+ 3 31.3	1.186	2.135	9.6	19.8
12 7	4 51.84	+ 2 47.9	1.185	2.138	9.0	19.8
12 17	4 43.29	+ 2 31.5	1.209	2.142	11.1	20.0
12 27	4 36.34	+ 2 42.8	1.255	2.147	14.5	20.2
1 6	4 31.96	+ 3 18.5	1.322	2.153	17.9	20.4

517446 2014 OO_{151} 12 6.4 159°.61 1°.2/ 6.7 18

10 28	5 23.09	+26 21.0	2.445	3.206	13.1	22.3
11 7	5 18.02	+26 32.6	2.356	3.211	10.5	22.2
11 17	5 10.70	+26 40.0	2.290	3.217	7.3	22.0
11 27	5 1.67	+26 41.7	2.252	3.222	3.9	21.8
12 7	4 51.78	+26 37.2	2.242	3.226	1.2	21.6
12 17	4 42.01	+26 27.0	2.264	3.230	4.0	21.8
12 27	4 33.32	+26 13.1	2.316	3.233	7.4	22.0
1 6	4 26.49	+25 58.2	2.394	3.236	10.5	22.2

427619 2003 TL_{47} 12 6.4 81°.48 4°.1/ 7.3 18

10 28	5 30.29	+31 7.9	1.404	2.185	20.2	21.5
11 7	5 25.32	+31 39.5	1.344	2.207	16.3	21.3
11 17	5 16.46	+32 1.0	1.302	2.228	11.7	21.1
11 27	5 4.68	+32 7.4	1.284	2.249	7.0	20.9
12 7	4 51.59	+31 56.2	1.292	2.269	4.1	20.8
12 17	4 39.07	+31 28.9	1.327	2.290	6.6	21.0
12 27	4 28.85	+30 51.1	1.388	2.310	11.0	21.3
1 6	4 22.01	+30 10.3	1.472	2.330	15.0	21.6

363669 2004 TX_{59} 12 6.4 41°.61 3°.2/ 5.6 17

10 28	5 18.79	+15 33.7	1.823	2.615	15.8	21.0
11 7	5 15.03	+15 3.6	1.756	2.629	12.5	20.8
11 17	5 8.79	+14 35.0	1.709	2.643	8.8	20.6
11 27	5 0.73	+14 10.3	1.688	2.657	5.0	20.4
12 7	4 51.85	+13 51.5	1.694	2.672	3.2	20.3
12 17	4 43.24	+13 40.7	1.729	2.687	5.9	20.5
12 27	4 35.95	+13 39.3	1.791	2.703	9.6	20.8
1 6	4 30.75	+13 47.7	1.877	2.718	12.9	21.0

450888 2008 AM_{94} 12 6.4 12°.17 3°.1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.73	+30 42.0	1.689	2.472	17.2	21.1
11 7	5 18.16	+30 54.8	1.609	2.474	13.9	20.9
11 17	5 11.41	+30 58.5	1.548	2.475	10.0	20.7
11 27	5 2.21	+30 50.1	1.511	2.477	5.9	20.4
12 7	4 51.76	+30 28.4	1.501	2.480	3.1	20.3
12 17	4 41.50	+29 54.9	1.518	2.483	5.7	20.4
12 27	4 32.88	+29 13.9	1.562	2.486	9.8	20.7
1 6	4 26.92	+28 31.3	1.631	2.490	13.6	20.9

143628 2003 HG_{31} 12 6.4 166°.48 0°.5/ 6.5 18

10 28	5 24.96	+24 11.4	2.044	2.814	15.0	21.9
11 7	5 19.92	+24 14.8	1.957	2.819	12.0	21.7
11 17	5 12.22	+24 14.3	1.892	2.822	8.3	21.5
11 27	5 2.50	+24 9.1	1.853	2.826	4.2	21.3
12 7	4 51.74	+23 58.8	1.843	2.828	0.6	21.0
12 17	4 41.12	+23 44.4	1.864	2.830	4.6	21.3
12 27	4 31.81	+23 28.5	1.913	2.832	8.6	21.6
1 6	4 24.70	+23 14.0	1.988	2.833	12.2	21.8

458401 2010 XR_{59} 12 6.4 241°.05 9°.0/ 9.8 17

10 28	5 36.85	+44 20.4	1.249	2.003	23.6	20.6
11 7	5 32.43	+44 23.9	1.162	1.994	20.3	20.3
11 17	5 22.52	+44 0.4	1.089	1.985	16.3	20.1
11 27	5 8.10	+42 58.3	1.036	1.975	12.1	19.8
12 7	4 51.37	+41 10.9	1.006	1.965	9.2	19.6
12 17	4 35.26	+38 41.8	1.002	1.954	10.2	19.6
12 27	4 22.44	+35 47.0	1.024	1.943	14.2	19.8
1 6	4 14.42	+32 47.6	1.069	1.932	18.9	20.0

125990 2001 YE_{33} 12 6.4 298°.16 2°.5/ 7.0 18

10 28	5 22.85	+29 22.5	1.592	2.379	17.9	19.5
11 7	5 19.37	+29 25.5	1.501	2.370	14.5	19.3
11 17	5 12.48	+29 19.2	1.429	2.360	10.4	19.0
11 27	5 2.85	+29 1.1	1.382	2.351	5.8	18.7
12 7	4 51.73	+28 30.0	1.360	2.342	2.5	18.5
12 17	4 40.65	+27 47.9	1.366	2.334	5.8	18.7
12 27	4 31.25	+26 59.7	1.399	2.325	10.5	18.9
1 6	4 24.69	+26 11.9	1.455	2.317	14.9	19.2

335189 2005 CW_{65} 12 6.4 228°.76 4°.5/ 4.9 18

10 28	5 17.01	+ 7 14.9	2.851	3.609	11.5	21.5
11 7	5 12.80	+ 6 45.9	2.754	3.601	9.4	21.3
11 17	5 6.91	+ 6 21.9	2.681	3.592	7.1	21.1
11 27	4 59.76	+ 6 5.3	2.635	3.583	5.1	21.0
12 7	4 51.94	+ 5 58.0	2.618	3.573	4.5	21.0
12 17	4 44.13	+ 6 1.5	2.631	3.564	5.9	21.0
12 27	4 37.05	+ 6 16.1	2.673	3.554	8.1	21.2
1 6	4 31.28	+ 6 41.2	2.741	3.543	10.5	21.3

368513 2003 UC_{239} 12 6.4 313°.36 3°.3/ 5.2 17

10 28	5 17.48	+14 55.6	2.284	3.064	13.4	20.9
11 7	5 13.61	+14 9.7	2.196	3.062	10.7	20.7
11 17	5 7.66	+13 23.9	2.131	3.060	7.6	20.5
11 27	5 0.17	+12 40.8	2.093	3.059	4.6	20.3
12 7	4 51.92	+12 3.2	2.083	3.057	3.4	20.3
12 17	4 43.77	+11 33.6	2.103	3.056	5.6	20.4
12 27	4 36.62	+11 14.1	2.152	3.054	8.7	20.6
1 6	4 31.15	+11 5.6	2.225	3.053	11.7	20.8

323602 2004 TA_{328} 12 6.4 135°.05 0°.1/ 6.4 18

10 28	5 22.02	+21 26.5	2.356	3.125	13.3	20.2
11 7	5 17.24	+21 49.0	2.269	3.130	10.6	20.0
11 17	5 10.21	+22 11.1	2.205	3.136	7.3	19.8
11 27	5 1.47	+22 31.7	2.168	3.141	3.6	19.6
12 7	4 51.84	+22 50.0	2.161	3.146	0.2	19.3
12 17	4 42.27	+23 5.8	2.184	3.151	4.0	19.7
12 27	4 33.75	+23 19.9	2.237	3.155	7.6	19.9
1 6	4 27.05	+23 33.6	2.317	3.160	10.8	20.1

174109 2002 JG_{62} 12 6.4 179°.67 1°.5/ 6.0 18

10 28	5 26.25	+19 12.3	1.864	2.640	16.1	21.6
11 7	5 21.13	+19 0.8	1.777	2.642	12.8	21.4
11 17	5 13.17	+18 48.3	1.711	2.643	8.9	21.2
11 27	5 3.03	+18 35.4	1.671	2.643	4.6	20.9
12 7	4 51.74	+18 22.8	1.660	2.643	1.6	20.7
12 17	4 40.58	+18 12.1	1.678	2.642	5.4	21.0
12 27	4 30.80	+18 5.4	1.725	2.640	9.7	21.2
1 6	4 23.36	+18 4.8	1.797	2.638	13.5	21.5

272216 2005 QW_{45} 12 6.4 35°.56 5°.2/ 5.8 18

10 28	5 21.24	+12 26.0	1.162	1.981	21.4	20.1
11 7	5 18.20	+11 59.2	1.110	1.996	17.1	19.8
11 17	5 11.57	+11 39.6	1.075	2.013	12.2	19.6
11 27	5 2.28	+11 30.8	1.062	2.030	7.4	19.4
12 7	4 51.80	+11 35.5	1.073	2.049	5.3	19.3
12 17	4 41.80	+11 54.6	1.109	2.068	8.4	19.6
12 27	4 33.85	+12 27.6	1.169	2.088	12.9	19.9
1 6	4 28.94	+13 12.0	1.250	2.109	17.0	20.2

266045 2006 JU_{43} 12 6.4 187°.52 7°.3/ 3.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.16	− 7 38.8	3.356	4.056	11.0	21.9
11 7	5 12.57	− 8 21.5	3.276	4.055	9.6	21.7
11 17	5 6.56	− 8 53.5	3.218	4.054	8.4	21.7
11 27	4 59.52	− 9 11.3	3.185	4.052	7.5	21.6
12 7	4 51.98	− 9 12.6	3.179	4.050	7.4	21.6
12 17	4 44.50	− 8 56.4	3.201	4.047	8.0	21.6
12 27	4 37.67	− 8 23.1	3.249	4.044	9.2	21.7
1 6	4 31.97	− 7 34.8	3.321	4.040	10.5	21.8

293030 2006 WM_{74} 12 6.4 15°.23 1°.3/ 6.6 18

10 28	5 21.49	+25 2.9	1.810	2.596	16.1	21.1
11 7	5 17.65	+25 23.0	1.727	2.597	12.9	20.9
11 17	5 10.92	+25 39.6	1.665	2.599	9.0	20.7
11 27	5 1.96	+25 51.0	1.628	2.601	4.7	20.4
12 7	4 51.81	+25 55.9	1.619	2.603	1.3	20.2
12 17	4 41.77	+25 54.6	1.638	2.605	5.0	20.5
12 27	4 33.12	+25 49.2	1.684	2.608	9.2	20.7
1 6	4 26.85	+25 43.0	1.755	2.611	13.0	21.0

463383 2013 CK_{23} 12 6.4 213°.93 17°.4/ 4.4 17

10 28	5 26.16	−14 11.5	1.399	2.123	22.8	21.2
11 7	5 21.80	−15 49.8	1.337	2.120	20.8	21.1
11 17	5 14.03	−17 1.5	1.291	2.116	19.0	21.0
11 27	5 3.57	−17 34.4	1.263	2.112	17.7	20.9
12 7	4 51.72	−17 19.9	1.254	2.107	17.5	20.8
12 17	4 40.03	−16 15.3	1.266	2.102	18.3	20.9
12 27	4 30.06	−14 25.1	1.297	2.096	20.0	21.0
1 6	4 22.95	−11 59.5	1.346	2.090	22.1	21.1

403319 2009 DU_{14} 12 6.4 211°.26 5°.1/ 8.0 14 C

10 28	5 27.15	+38 28.8	2.499	3.225	13.7	23.1
11 7	5 21.69	+38 59.7	2.398	3.218	11.5	22.9
11 17	5 13.52	+39 20.4	2.318	3.211	8.9	22.8
11 27	5 3.21	+39 26.6	2.263	3.202	6.4	22.6
12 7	4 51.75	+39 15.6	2.237	3.193	5.1	22.5
12 17	4 40.31	+38 47.3	2.241	3.184	6.0	22.5
12 27	4 30.14	+38 4.7	2.274	3.174	8.5	22.7
1 6	4 22.18	+37 13.0	2.333	3.163	11.1	22.8

217199 2002 TO_{155} 12 6.4 113°.77 1°.7/ 6.9 18

10 28	5 28.80	+28 43.2	1.722	2.493	17.4	21.0
11 7	5 23.29	+28 33.5	1.651	2.511	13.9	20.8
11 17	5 14.63	+28 14.8	1.601	2.528	9.8	20.6
11 27	5 3.68	+27 45.2	1.575	2.545	5.2	20.3
12 7	4 51.73	+27 5.3	1.579	2.562	1.7	20.2
12 17	4 40.24	+26 17.7	1.611	2.578	5.2	20.4
12 27	4 30.58	+25 27.8	1.672	2.593	9.5	20.7
1 6	4 23.64	+24 40.9	1.758	2.607	13.3	21.0

256635 2007 VA_{282} 12 6.4 125°.46 0°.2/ 6.3 18 R

10 28	5 28.96	+23 28.6	1.677	2.455	17.5	21.3
11 7	5 23.39	+23 13.0	1.606	2.472	13.9	21.1
11 17	5 14.72	+22 52.4	1.556	2.488	9.6	20.9
11 27	5 3.74	+22 26.6	1.531	2.504	4.7	20.6
12 7	4 51.74	+21 56.4	1.534	2.519	0.4	20.3
12 17	4 40.14	+21 24.5	1.566	2.533	5.3	20.7
12 27	4 30.31	+20 54.7	1.627	2.546	9.8	21.0
1 6	4 23.16	+20 30.6	1.713	2.559	13.7	21.3

325738 2009 VF_{78} 12 6.4 89°.37 2°.2/ 5.9 18

10 28	5 20.36	+15 14.4	2.304	3.077	13.5	20.5
11 7	5 15.78	+15 13.7	2.228	3.091	10.7	20.4
11 17	5 9.10	+15 15.5	2.174	3.104	7.4	20.2
11 27	5 0.89	+15 20.5	2.148	3.117	4.1	20.0
12 7	4 51.94	+15 29.3	2.150	3.130	2.2	19.9
12 17	4 43.14	+15 42.4	2.183	3.143	4.7	20.1
12 27	4 35.40	+16 0.2	2.245	3.156	8.0	20.3
1 6	4 29.40	+16 22.8	2.333	3.168	10.9	20.5

413413 2004 TW_{187} 12 6.4 182°.26 3°.5/ 5.2 17

10 28	5 18.53	+14 0.6	2.353	3.128	13.2	21.8
11 7	5 14.35	+13 17.2	2.266	3.128	10.5	21.6
11 17	5 8.14	+12 34.6	2.201	3.128	7.5	21.4
11 27	5 0.42	+11 55.4	2.164	3.128	4.6	21.3
12 7	4 51.96	+11 22.1	2.156	3.128	3.5	21.2
12 17	4 43.61	+10 57.2	2.177	3.127	5.6	21.3
12 27	4 36.24	+10 42.5	2.227	3.127	8.6	21.5
1 6	4 30.51	+10 38.4	2.303	3.126	11.5	21.7

322492 2011 UZ_{300} 12 6.4 79°.72 0°.1/ 6.4 18

10 28	5 22.32	+23 35.2	1.835	2.619	16.0	21.2
11 7	5 18.06	+23 29.8	1.758	2.627	12.7	21.0
11 17	5 11.05	+23 20.3	1.701	2.636	8.8	20.8
11 27	5 1.96	+23 6.4	1.671	2.644	4.4	20.5
12 7	4 51.87	+22 48.5	1.667	2.653	0.3	20.2
12 17	4 42.00	+22 28.2	1.693	2.661	4.8	20.6
12 27	4 33.57	+22 8.5	1.747	2.669	9.1	20.9
1 6	4 27.45	+21 52.4	1.826	2.678	12.8	21.1

181189 2005 SP_{114} 12 6.4 133°.14 1°.6/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.12	+19 40.2	2.135	2.915	14.2	20.2
11 7	5 15.88	+19 13.8	2.050	2.918	11.2	20.0
11 17	5 9.33	+18 45.3	1.987	2.921	7.8	19.8
11 27	5 1.05	+18 15.8	1.951	2.924	4.0	19.5
12 7	4 51.93	+17 47.2	1.944	2.927	1.6	19.4
12 17	4 42.96	+17 21.4	1.966	2.929	4.8	19.6
12 27	4 35.13	+17 1.0	2.017	2.932	8.5	19.8
1 6	4 29.21	+16 47.7	2.094	2.935	11.8	20.1

248252 2005 GQ_{23} 12 6.4 272°.57 5°.7/ 4.8 17

10 28	5 20.20	+ 9 20.1	1.985	2.762	15.2	21.1
11 7	5 16.30	+ 8 32.7	1.881	2.741	12.5	20.9
11 17	5 9.90	+ 7 49.0	1.799	2.719	9.4	20.7
11 27	5 1.48	+ 7 13.0	1.743	2.697	6.6	20.5
12 7	4 51.90	+ 6 48.5	1.713	2.675	5.8	20.4
12 17	4 42.19	+ 6 38.7	1.712	2.652	7.9	20.4
12 27	4 33.49	+ 6 45.0	1.738	2.629	11.2	20.6
1 6	4 26.75	+ 7 7.1	1.788	2.606	14.5	20.8

42488 1991 RN_{17} 12 6.4 34°.91 9°.0/ 4.9 18

10 28	5 19.82	+ 8 9.8	1.077	1.900	22.4	17.5
11 7	5 17.09	+ 6 44.1	1.035	1.919	18.3	17.3
11 17	5 10.76	+ 5 29.0	1.009	1.938	13.9	17.2
11 27	5 1.85	+ 4 33.0	1.004	1.959	10.2	17.0
12 7	4 51.89	+ 4 2.7	1.022	1.981	9.1	17.0
12 17	4 42.54	+ 4 1.1	1.063	2.004	11.4	17.2
12 27	4 35.30	+ 4 26.7	1.126	2.027	15.0	17.5
1 6	4 31.08	+ 5 14.5	1.209	2.051	18.5	17.8

414971 2011 CY_{78} 12 6.4 339°.17 2°.6/ 5.6 17

10 28	5 17.13	+17 20.1	1.925	2.718	15.1	21.2
11 7	5 13.88	+16 48.6	1.837	2.711	12.0	21.0
11 17	5 8.16	+16 16.4	1.770	2.705	8.4	20.8
11 27	5 0.56	+15 45.3	1.728	2.699	4.6	20.5
12 7	4 51.97	+15 17.8	1.714	2.694	2.7	20.4
12 17	4 43.46	+14 56.4	1.728	2.689	5.6	20.6
12 27	4 36.10	+14 43.4	1.770	2.684	9.5	20.8
1 6	4 30.73	+14 39.9	1.836	2.681	13.0	21.0

109452 2001 QB_{208} 12 6.4 223°.86 0°.6/ 6.2 18

10 28	5 18.50	+20 23.6	2.755	3.522	11.6	20.0
11 7	5 14.18	+20 22.5	2.656	3.517	9.2	19.9
11 17	5 7.98	+20 20.5	2.580	3.511	6.4	19.7
11 27	5 0.37	+20 17.6	2.532	3.504	3.2	19.5
12 7	4 52.00	+20 14.1	2.513	3.498	0.7	19.2
12 17	4 43.64	+20 10.7	2.526	3.491	3.7	19.5
12 27	4 36.10	+20 8.7	2.569	3.484	6.9	19.7
1 6	4 30.03	+20 9.3	2.639	3.477	9.7	19.8

183494 2003 EM_{35} 12 6.4 191°.70 2°.8/ 5.4 18

10 28	5 19.45	+14 33.3	2.716	3.481	11.8	21.0
11 7	5 14.80	+13 59.4	2.622	3.479	9.4	20.8
11 17	5 8.33	+13 26.2	2.552	3.477	6.7	20.6
11 27	5 0.50	+12 55.4	2.509	3.474	4.0	20.5
12 7	4 51.99	+12 29.0	2.497	3.471	2.9	20.4
12 17	4 43.56	+12 8.8	2.515	3.467	4.8	20.5
12 27	4 35.96	+11 56.3	2.563	3.463	7.7	20.7
1 6	4 29.83	+11 52.2	2.638	3.458	10.3	20.9

26297 1998 SK_{118} 12 6.4 170°.82 3°.9/ 7.2 18

10 28	5 27.99	+31 29.7	1.805	2.569	16.9	18.2
11 7	5 23.07	+32 4.9	1.719	2.572	13.8	18.0
11 17	5 14.85	+32 32.4	1.654	2.574	10.1	17.8
11 27	5 4.01	+32 47.8	1.614	2.576	6.2	17.6
12 7	4 51.76	+32 48.1	1.602	2.577	3.9	17.4
12 17	4 39.63	+32 33.1	1.618	2.578	6.0	17.6
12 27	4 29.14	+32 6.3	1.662	2.578	9.9	17.8
1 6	4 21.41	+31 33.7	1.730	2.578	13.5	18.0

362444 2010 RU_{97} 12 6.4 103°.97 0°.8/ 6.2 18

10 28	5 20.79	+22 10.9	2.035	2.816	14.8	21.3
11 7	5 16.56	+21 46.8	1.952	2.820	11.7	21.1
11 17	5 9.87	+21 18.8	1.890	2.824	8.0	20.9
11 27	5 1.35	+20 47.6	1.855	2.829	4.0	20.7
12 7	4 51.94	+20 14.7	1.848	2.833	0.9	20.4
12 17	4 42.71	+19 42.3	1.871	2.837	4.7	20.7
12 27	4 34.72	+19 13.5	1.922	2.841	8.6	21.0
1 6	4 28.78	+18 50.9	1.999	2.845	12.1	21.2

292442 2006 SW_{351} 12 6.4 66°.82 5°.3/ 5.2 18

10 28	5 20.01	+10 10.3	1.830	2.614	16.0	20.9
11 7	5 15.98	+ 9 26.2	1.760	2.625	12.9	20.7
11 17	5 9.47	+ 8 47.3	1.712	2.636	9.5	20.5
11 27	5 1.14	+ 8 17.2	1.689	2.647	6.4	20.3
12 7	4 51.97	+ 7 59.3	1.693	2.658	5.4	20.3
12 17	4 43.02	+ 7 55.5	1.725	2.669	7.4	20.5
12 27	4 35.38	+ 8 6.3	1.783	2.680	10.6	20.7
1 6	4 29.80	+ 8 30.8	1.865	2.691	13.7	20.9

71842 2000 UG_{80} 12 6.4 29°.80 2°.7/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.03	+25 17.0	1.093	1.913	22.4	18.5
11 7	5 21.37	+26 7.2	1.034	1.922	17.9	18.2
11 17	5 14.39	+26 54.5	0.992	1.933	12.6	18.0
11 27	5 3.97	+27 34.1	0.971	1.944	6.8	17.7
12 7	4 51.78	+28 1.5	0.973	1.956	2.8	17.5
12 17	4 39.95	+28 15.6	1.001	1.970	7.0	17.8
12 27	4 30.53	+28 19.4	1.052	1.983	12.5	18.1
1 6	4 24.84	+28 18.5	1.124	1.998	17.2	18.5

99110 2001 FL_{56} 12 6.4 222°.83 2°.7/ 7.2 18

10 28	5 24.53	+30 51.2	2.169	2.928	14.6	20.5
11 7	5 19.76	+31 1.6	2.070	2.921	11.9	20.3
11 17	5 12.27	+31 4.2	1.992	2.913	8.6	20.1
11 27	5 2.65	+30 56.5	1.940	2.904	5.1	19.9
12 7	4 51.88	+30 37.1	1.917	2.896	2.7	19.7
12 17	4 41.15	+30 6.9	1.923	2.886	4.9	19.8
12 27	4 31.68	+29 29.2	1.959	2.876	8.5	20.0
1 6	4 24.42	+28 48.6	2.020	2.866	12.0	20.2

334166 2001 SG_{104} 12 6.4 70°.14 0°.5/ 6.5 18

10 28	5 24.94	+25 41.1	1.491	2.284	18.7	20.7
11 7	5 20.67	+25 22.0	1.425	2.299	14.8	20.5
11 17	5 13.07	+24 55.3	1.378	2.314	10.3	20.3
11 27	5 3.02	+24 20.7	1.355	2.329	5.1	20.0
12 7	4 51.87	+23 39.6	1.359	2.344	0.5	19.7
12 17	4 41.18	+22 55.3	1.390	2.359	5.5	20.1
12 27	4 32.38	+22 12.9	1.449	2.374	10.3	20.4
1 6	4 26.42	+21 37.0	1.531	2.389	14.4	20.7

8431 Haseda 12 6.4 329°.49 0°.1/ 6.4 18

10 28	5 20.16	+23 9.1	1.912	2.698	15.4	17.2
11 7	5 16.40	+22 59.8	1.824	2.695	12.2	17.0
11 17	5 9.97	+22 46.6	1.757	2.691	8.5	16.8
11 27	5 1.50	+22 29.3	1.715	2.689	4.2	16.5
12 7	4 51.96	+22 8.8	1.701	2.686	0.3	16.2
12 17	4 42.52	+21 46.6	1.716	2.683	4.8	16.5
12 27	4 34.35	+21 25.5	1.759	2.681	9.0	16.8
1 6	4 28.36	+21 8.5	1.826	2.679	12.7	17.0

286886 2002 PL_{9} 12 6.4 23°.37 6°.7/ 5.4 18

10 28	5 17.91	+12 8.7	1.010	1.846	22.7	19.5
11 7	5 16.07	+11 12.5	0.961	1.856	18.3	19.3
11 17	5 10.39	+10 22.7	0.928	1.869	13.3	19.1
11 27	5 1.82	+ 9 46.0	0.915	1.882	8.6	18.9
12 7	4 51.96	+ 9 27.5	0.925	1.897	6.8	18.8
12 17	4 42.59	+ 9 30.1	0.957	1.914	9.8	19.1
12 27	4 35.39	+ 9 53.7	1.012	1.931	14.3	19.4
1 6	4 31.41	+10 35.0	1.086	1.950	18.6	19.7

96814 1999 RS_{163} 12 6.4 66°.04 0°.1/ 6.4 18

10 28	5 25.42	+23 49.3	1.586	2.374	17.9	19.8
11 7	5 20.66	+23 39.7	1.528	2.399	14.1	19.6
11 17	5 12.84	+23 25.3	1.490	2.425	9.7	19.4
11 27	5 2.83	+23 5.8	1.476	2.450	4.8	19.2
12 7	4 51.91	+22 42.2	1.490	2.475	0.3	18.9
12 17	4 41.50	+22 16.6	1.533	2.501	5.2	19.3
12 27	4 32.90	+21 52.6	1.602	2.526	9.7	19.7
1 6	4 26.95	+21 33.6	1.697	2.550	13.5	20.0

433017 2012 RO_{29} 12 6.4 129°.14 1°.0/ 6.2 18

10 28	5 25.86	+20 21.8	1.846	2.623	16.2	21.7
11 7	5 20.74	+20 15.2	1.770	2.636	12.8	21.5
11 17	5 12.85	+20 7.2	1.715	2.648	8.8	21.3
11 27	5 2.88	+19 57.8	1.687	2.660	4.4	21.0
12 7	4 51.91	+19 47.5	1.687	2.671	1.1	20.8
12 17	4 41.20	+19 37.8	1.716	2.682	5.1	21.1
12 27	4 31.95	+19 30.8	1.775	2.692	9.3	21.4
1 6	4 25.06	+19 28.5	1.858	2.702	12.9	21.7

25150 1998 SB_{51} 12 6.4 78°.41 0°.5/ 6.3 18

10 28	5 27.76	+22 29.2	1.507	2.295	18.7	18.8
11 7	5 22.60	+22 17.2	1.450	2.322	14.7	18.6
11 17	5 14.21	+22 1.5	1.413	2.348	10.1	18.4
11 27	5 3.51	+21 42.0	1.401	2.375	5.0	18.1
12 7	4 51.88	+21 19.6	1.415	2.400	0.6	17.9
12 17	4 40.81	+20 56.7	1.458	2.426	5.5	18.3
12 27	4 31.68	+20 36.8	1.529	2.451	10.1	18.6
1 6	4 25.36	+20 22.8	1.623	2.475	14.1	18.9

49955 1999 XU_{216} 12 6.4 306°.14 1°.9/ 6.1 18

10 28	5 22.46	+18 0.7	1.451	2.254	18.7	18.8
11 7	5 19.12	+18 0.6	1.366	2.246	15.0	18.6
11 17	5 12.40	+18 2.2	1.300	2.239	10.5	18.3
11 27	5 2.94	+18 6.0	1.258	2.231	5.4	18.0
12 7	4 51.91	+18 12.5	1.241	2.224	2.0	17.7
12 17	4 40.86	+18 22.4	1.251	2.218	6.4	18.0
12 27	4 31.41	+18 37.1	1.287	2.211	11.5	18.3
1 6	4 24.76	+18 57.8	1.346	2.205	16.0	18.5

474836 2005 SA_{64} 12 6.4 144°.22 1°.9/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 25.28	+18 47.4	1.912	2.688	15.7	22.3
11 7	5 20.16	+18 23.6	1.833	2.698	12.5	22.1
11 17	5 12.39	+17 58.6	1.776	2.708	8.6	21.9
11 27	5 2.64	+17 33.4	1.745	2.717	4.5	21.7
12 7	4 51.95	+17 9.7	1.743	2.726	2.0	21.5
12 17	4 41.49	+16 49.5	1.771	2.733	5.4	21.8
12 27	4 32.42	+16 35.3	1.827	2.741	9.3	22.0
1 6	4 25.59	+16 28.8	1.909	2.747	12.9	22.3

505640 2014 NB_{37} 12 6.4 228°.69 10°.9/10.4 17

10 28	5 36.49	+46 38.6	1.276	2.022	23.6	21.1
11 7	5 32.35	+47 12.8	1.196	2.018	20.6	20.8
11 17	5 22.63	+47 22.0	1.131	2.014	17.0	20.6
11 27	5 8.29	+46 53.7	1.085	2.009	13.4	20.4
12 7	4 51.60	+45 39.6	1.061	2.004	11.1	20.2
12 17	4 35.57	+43 40.9	1.061	1.999	11.6	20.2
12 27	4 22.93	+41 10.6	1.085	1.994	14.7	20.4
1 6	4 15.21	+38 28.3	1.132	1.989	18.5	20.6

337065 1998 AW_{1} 12 6.4 349°.92 1°.9/ 6.9 18

10 28	5 21.84	+28 0.1	1.481	2.278	18.6	21.1
11 7	5 18.69	+27 59.4	1.400	2.275	15.0	20.8
11 17	5 12.08	+27 50.0	1.337	2.272	10.6	20.6
11 27	5 2.73	+27 29.8	1.298	2.270	5.7	20.3
12 7	4 51.95	+26 58.6	1.285	2.269	1.9	20.1
12 17	4 41.33	+26 18.7	1.299	2.267	5.8	20.3
12 27	4 32.50	+25 35.3	1.338	2.267	10.7	20.6
1 6	4 26.56	+24 54.0	1.401	2.267	15.1	20.8

39507 1981 EC_{45} 12 6.4 25°.80 5°.3/ 4.7 18

10 28	5 17.50	+11 25.2	1.866	2.656	15.6	19.0
11 7	5 14.02	+10 20.7	1.793	2.662	12.5	18.8
11 17	5 8.16	+ 9 19.0	1.742	2.668	9.2	18.7
11 27	5 0.55	+ 8 24.5	1.716	2.674	6.3	18.5
12 7	4 52.10	+ 7 41.4	1.716	2.680	5.4	18.5
12 17	4 43.85	+ 7 13.0	1.745	2.687	7.5	18.6
12 27	4 36.82	+ 7 1.1	1.800	2.695	10.6	18.8
1 6	4 31.77	+ 7 5.3	1.879	2.703	13.7	19.0

141499 2002 ES_{20} 12 6.4 180°.00 3°.9/ 5.4 16

10 28	5 25.69	+13 17.3	2.024	2.792	15.2	21.3
11 7	5 20.37	+12 42.8	1.937	2.794	12.2	21.1
11 17	5 12.51	+12 10.4	1.871	2.796	8.8	20.9
11 27	5 2.73	+11 42.6	1.833	2.796	5.4	20.7
12 7	4 51.97	+11 21.8	1.823	2.796	3.9	20.6
12 17	4 41.32	+11 10.3	1.843	2.794	6.4	20.7
12 27	4 31.90	+11 9.4	1.892	2.792	9.9	21.0
1 6	4 24.56	+11 19.6	1.966	2.789	13.2	21.2

434302 2004 EQ_{93} 12 6.4 144°.90 2°.8/ 7.1 18

10 28	5 27.46	+29 46.8	1.781	2.550	17.0	21.9
11 7	5 22.49	+30 2.7	1.700	2.557	13.7	21.7
11 17	5 14.34	+30 10.7	1.639	2.564	9.8	21.5
11 27	5 3.74	+30 7.6	1.604	2.570	5.6	21.2
12 7	4 51.90	+29 51.9	1.596	2.576	2.8	21.1
12 17	4 40.29	+29 24.7	1.617	2.582	5.5	21.2
12 27	4 30.35	+28 50.1	1.666	2.587	9.6	21.5
1 6	4 23.09	+28 13.6	1.741	2.591	13.3	21.7

506173 2016 FE_{61} 12 6.4 320°.92 19°.5/ 4.9 17

10 28	5 37.30	+47 56.5	1.070	1.829	26.5	21.4
11 7	5 36.54	+51 36.8	1.004	1.820	24.0	21.1
11 17	5 28.72	+55 7.8	0.954	1.810	21.7	20.9
11 27	5 13.14	+58 6.7	0.922	1.802	20.0	20.8
12 7	4 51.22	+60 9.1	0.909	1.794	19.6	20.7
12 17	4 27.27	+60 59.1	0.914	1.786	20.6	20.8
12 27	4 7.29	+60 40.9	0.937	1.780	22.6	20.9
1 6	3 55.40	+59 34.8	0.973	1.774	25.1	21.0

122345 2000 QW_{38} 12 6.4 150°.19 0°.6/ 6.6 18

10 28	5 25.46	+25 2.4	1.985	2.756	15.4	20.5
11 7	5 20.39	+24 58.3	1.902	2.764	12.3	20.3
11 17	5 12.61	+24 49.1	1.841	2.771	8.5	20.1
11 27	5 2.79	+24 34.0	1.805	2.778	4.3	19.9
12 7	4 51.97	+24 13.1	1.799	2.784	0.6	19.6
12 17	4 41.35	+23 48.0	1.822	2.789	4.6	19.9
12 27	4 32.12	+23 21.9	1.875	2.795	8.7	20.2
1 6	4 25.17	+22 58.1	1.953	2.799	12.3	20.4

296064 2009 AN_{43} 12 6.4 72°.92 5°.3/ 8.4 18

10 28	5 28.73	+37 30.6	1.747	2.501	17.8	20.5
11 7	5 23.52	+37 46.2	1.683	2.523	14.7	20.4
11 17	5 14.95	+37 47.1	1.638	2.545	11.1	20.2
11 27	5 3.94	+37 29.0	1.617	2.567	7.5	20.0
12 7	4 51.91	+36 50.3	1.623	2.589	5.4	20.0
12 17	4 40.46	+35 53.6	1.657	2.611	6.6	20.1
12 27	4 31.02	+34 45.2	1.719	2.633	9.8	20.3
1 6	4 24.52	+33 33.1	1.805	2.654	13.0	20.6

298498 2003 UD_{345} 12 6.4 342°.60 1°.8/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 14.43	+17 35.1	2.707	3.485	11.5	20.6
11 7	5 11.00	+17 12.7	2.613	3.480	9.1	20.4
11 17	5 5.82	+16 50.0	2.543	3.475	6.4	20.2
11 27	4 59.34	+16 28.0	2.499	3.470	3.4	20.0
12 7	4 52.19	+16 8.3	2.485	3.465	1.8	19.9
12 17	4 45.10	+15 52.3	2.500	3.461	4.2	20.1
12 27	4 38.79	+15 41.4	2.545	3.457	7.1	20.2
1 6	4 33.87	+15 36.7	2.616	3.454	9.8	20.4

27503 2000 GM_{140} 12 6.4 113°.08 1°.1/ 6.2 18

10 28	5 21.74	+19 54.4	1.997	2.777	15.0	19.4
11 7	5 17.38	+19 47.7	1.915	2.783	11.9	19.2
11 17	5 10.52	+19 40.1	1.855	2.789	8.2	18.9
11 27	5 1.76	+19 31.7	1.821	2.794	4.1	18.7
12 7	4 52.05	+19 23.3	1.816	2.800	1.2	18.5
12 17	4 42.49	+19 16.1	1.840	2.805	4.8	18.8
12 27	4 34.18	+19 11.9	1.892	2.811	8.7	19.0
1 6	4 27.94	+19 12.3	1.970	2.816	12.2	19.3

194666 2001 XL_{187} 12 6.4 303°.45 0°.5/ 6.3 18

10 28	5 21.09	+23 5.4	1.564	2.362	17.7	20.4
11 7	5 17.88	+22 45.1	1.472	2.350	14.2	20.1
11 17	5 11.46	+22 19.3	1.400	2.339	9.9	19.8
11 27	5 2.45	+21 48.0	1.352	2.327	5.0	19.5
12 7	4 52.00	+21 12.6	1.331	2.316	0.7	19.2
12 17	4 41.56	+20 36.2	1.337	2.305	5.8	19.5
12 27	4 32.65	+20 2.9	1.369	2.294	10.8	19.8
1 6	4 26.39	+19 36.8	1.425	2.284	15.2	20.0

436559 2011 HE_{22} 12 6.4 190°.95 1°.5/ 6.0 18

10 28	5 24.58	+18 53.6	2.157	2.927	14.4	22.7
11 7	5 19.48	+18 40.0	2.064	2.925	11.4	22.5
11 17	5 11.91	+18 25.5	1.993	2.923	8.0	22.3
11 27	5 2.46	+18 10.7	1.949	2.921	4.1	22.0
12 7	4 52.01	+17 56.5	1.934	2.917	1.6	21.9
12 17	4 41.63	+17 44.4	1.950	2.913	4.9	22.1
12 27	4 32.40	+17 36.2	1.995	2.908	8.7	22.3
1 6	4 25.15	+17 33.7	2.066	2.902	12.1	22.5

349236 2007 TN_{48} 12 6.4 98°.00 1°.0/ 6.7 18

10 28	5 23.80	+25 51.7	1.854	2.632	16.1	21.4
11 7	5 19.27	+25 51.1	1.777	2.642	12.8	21.2
11 17	5 11.93	+25 45.0	1.721	2.652	8.9	21.0
11 27	5 2.48	+25 32.2	1.690	2.662	4.6	20.8
12 7	4 52.01	+25 12.6	1.687	2.672	1.0	20.5
12 17	4 41.79	+24 48.0	1.714	2.681	4.8	20.8
12 27	4 33.05	+24 21.5	1.768	2.691	9.0	21.1
1 6	4 26.68	+23 57.0	1.848	2.700	12.6	21.3

69693 1998 HX_{33} 12 6.4 152°.75 5°.3/ 4.6 18

10 28	5 21.55	+11 42.1	1.938	2.717	15.4	20.0
11 7	5 17.12	+10 31.9	1.859	2.721	12.5	19.8
11 17	5 10.26	+ 9 23.3	1.802	2.725	9.2	19.6
11 27	5 1.60	+ 8 20.9	1.772	2.729	6.2	19.4
12 7	4 52.07	+ 7 29.1	1.769	2.732	5.4	19.4
12 17	4 42.73	+ 6 51.6	1.795	2.735	7.5	19.5
12 27	4 34.64	+ 6 30.8	1.849	2.738	10.7	19.7
1 6	4 28.56	+ 6 26.6	1.926	2.741	13.8	19.9

411139 2009 WN_{249} 12 6.4 44°.93 2°.1/ 6.1 17

10 28	5 21.07	+15 35.5	1.884	2.669	15.6	20.4
11 7	5 16.81	+15 45.8	1.818	2.688	12.3	20.2
11 17	5 10.07	+15 59.5	1.774	2.707	8.6	20.0
11 27	5 1.50	+16 17.0	1.755	2.727	4.6	19.8
12 7	4 52.08	+16 38.2	1.765	2.747	2.1	19.7
12 17	4 42.91	+17 3.1	1.803	2.767	5.1	19.9
12 27	4 35.06	+17 31.6	1.870	2.788	8.9	20.2
1 6	4 29.31	+18 3.6	1.962	2.808	12.2	20.4

485990 2012 KY_{10} 12 6.4 223°.38 4°.1/ 4.6 17

10 28	5 17.84	+12 10.4	2.523	3.293	12.5	21.8
11 7	5 13.71	+11 11.4	2.431	3.289	10.1	21.7
11 17	5 7.69	+10 13.4	2.362	3.284	7.4	21.5
11 27	5 0.27	+ 9 19.3	2.321	3.279	4.9	21.3
12 7	4 52.15	+ 8 32.6	2.310	3.274	4.2	21.3
12 17	4 44.11	+ 7 55.9	2.328	3.269	6.0	21.4
12 27	4 36.95	+ 7 31.3	2.375	3.264	8.7	21.5
1 6	4 31.30	+ 7 19.5	2.448	3.258	11.3	21.7

325378 2008 SV_{98} 12 6.4 69°.01 6°.2/ 7.8 18

10 28	5 27.60	+38 51.8	2.312	3.041	14.6	19.8
11 7	5 22.28	+40 5.6	2.241	3.060	12.2	19.6
11 17	5 14.06	+41 9.5	2.191	3.079	9.6	19.5
11 27	5 3.59	+41 58.1	2.168	3.097	7.3	19.4
12 7	4 51.95	+42 27.3	2.172	3.116	6.2	19.3
12 17	4 40.43	+42 36.1	2.204	3.135	7.0	19.4
12 27	4 30.33	+42 26.9	2.265	3.153	9.0	19.6
1 6	4 22.63	+42 4.9	2.351	3.172	11.4	19.8

301904 1998 WN_{32} 12 6.4 350°.00 2°.6/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.65	+24 34.9	1.311	2.126	19.6	19.7
11 7	5 16.78	+25 32.0	1.230	2.116	15.8	19.4
11 17	5 11.21	+26 29.4	1.167	2.107	11.2	19.2
11 27	5 2.54	+27 23.1	1.127	2.100	6.1	18.8
12 7	4 52.00	+28 8.8	1.112	2.094	2.6	18.6
12 17	4 41.34	+28 43.5	1.122	2.090	6.6	18.8
12 27	4 32.43	+29 7.8	1.156	2.087	11.7	19.1
1 6	4 26.67	+29 24.9	1.213	2.086	16.3	19.4

402746 2006 XA_{32} 12 6.4 192°.00 0°.6/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.50	+20 45.7	2.145	2.921	14.2	22.1
11 7	5 17.13	+20 48.5	2.055	2.920	11.3	21.9
11 17	5 10.34	+20 50.2	1.987	2.920	7.8	21.7
11 27	5 1.70	+20 50.7	1.945	2.919	3.9	21.4
12 7	4 52.08	+20 49.9	1.933	2.918	0.6	21.2
12 17	4 42.52	+20 48.8	1.950	2.917	4.5	21.5
12 27	4 34.09	+20 48.7	1.996	2.915	8.3	21.7
1 6	4 27.60	+20 51.3	2.069	2.914	11.7	21.9

235746 2004 TC_{312} 12 6.4 242°.37 3°.6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.60	+30 55.7	1.815	2.585	16.7	20.6
11 7	5 21.30	+31 26.3	1.722	2.578	13.6	20.4
11 17	5 13.76	+31 49.6	1.649	2.571	9.9	20.2
11 27	5 3.60	+32 1.8	1.600	2.563	6.0	19.9
12 7	4 51.97	+32 0.0	1.579	2.556	3.6	19.8
12 17	4 40.31	+31 43.9	1.586	2.548	5.9	19.9
12 27	4 30.15	+31 17.0	1.620	2.539	9.9	20.1
1 6	4 22.66	+30 44.5	1.680	2.531	13.7	20.3

227830 2007 CG_{40} 12 6.4 284°.64 1°.8/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.11	+19 15.8	1.562	2.359	17.8	21.2
11 7	5 18.72	+19 1.8	1.467	2.345	14.3	20.9
11 17	5 12.09	+18 46.6	1.393	2.330	10.0	20.6
11 27	5 2.82	+18 30.9	1.342	2.316	5.2	20.3
12 7	4 52.01	+18 16.2	1.318	2.301	1.9	20.0
12 17	4 41.10	+18 4.4	1.321	2.287	6.2	20.3
12 27	4 31.64	+17 58.2	1.350	2.272	11.2	20.5
1 6	4 24.81	+17 59.7	1.403	2.258	15.7	20.8

9300 Johannes 12 6.4 27°.03 7°.2/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.53	+ 9 24.7	1.016	1.846	23.0	16.9
11 7	5 16.91	+ 8 41.6	0.985	1.875	18.5	16.7
11 17	5 10.63	+ 8 10.7	0.970	1.905	13.5	16.5
11 27	5 1.82	+ 7 57.4	0.975	1.938	9.0	16.4
12 7	4 52.10	+ 8 4.5	1.003	1.972	7.2	16.4
12 17	4 43.14	+ 8 32.1	1.054	2.007	9.6	16.7
12 27	4 36.40	+ 9 17.4	1.128	2.044	13.6	17.0
1 6	4 32.70	+10 15.8	1.223	2.081	17.3	17.3

246734 2009 BB_{63} 12 6.4 116°.88 2°.7/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.95	+30 41.9	2.055	2.815	15.3	21.1
11 7	5 20.79	+30 54.7	1.978	2.829	12.3	20.9
11 17	5 12.88	+30 59.5	1.922	2.843	8.8	20.7
11 27	5 2.93	+30 53.7	1.891	2.856	5.1	20.5
12 7	4 52.02	+30 36.3	1.890	2.869	2.8	20.4
12 17	4 41.39	+30 8.6	1.918	2.881	4.9	20.5
12 27	4 32.21	+29 34.0	1.975	2.893	8.5	20.8
1 6	4 25.37	+28 57.3	2.058	2.904	11.7	21.0

490949 2011 CU_{102} 12 6.4 137°.09 1°.8/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.79	+29 34.4	2.731	3.485	12.0	22.2
11 7	5 16.05	+29 38.1	2.643	3.492	9.6	22.1
11 17	5 9.30	+29 35.7	2.578	3.500	6.8	21.9
11 27	5 1.07	+29 25.9	2.541	3.507	3.9	21.7
12 7	4 52.14	+29 8.5	2.534	3.514	1.8	21.6
12 17	4 43.34	+28 44.4	2.557	3.521	3.8	21.7
12 27	4 35.55	+28 16.0	2.610	3.527	6.7	21.9
1 6	4 29.40	+27 46.2	2.691	3.533	9.4	22.1

5840 Raybrown 12 6.4 53°.86 1°.5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.60	+26 15.0	1.791	2.574	16.4	16.8
11 7	5 18.51	+26 29.9	1.716	2.583	13.1	16.6
11 17	5 11.52	+26 39.8	1.661	2.592	9.1	16.4
11 27	5 2.34	+26 42.9	1.631	2.602	4.8	16.1
12 7	4 52.06	+26 38.2	1.628	2.612	1.5	15.9
12 17	4 41.99	+26 26.6	1.654	2.622	5.0	16.2
12 27	4 33.42	+26 11.0	1.708	2.632	9.1	16.5
1 6	4 27.28	+25 55.0	1.786	2.642	12.8	16.7

133455 2003 SW_{226} 12 6.4 272°.47 5°.9/ 3.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.07	+ 7 30.6	2.346	3.116	13.3	19.8
11 7	5 13.26	+ 6 20.1	2.258	3.110	11.0	19.6
11 17	5 7.47	+ 5 13.3	2.193	3.104	8.5	19.4
11 27	5 0.21	+ 4 14.6	2.154	3.098	6.4	19.3
12 7	4 52.19	+ 3 27.9	2.144	3.092	6.0	19.3
12 17	4 44.24	+ 2 56.4	2.162	3.086	7.6	19.4
12 27	4 37.20	+ 2 41.8	2.208	3.080	10.0	19.5
1 6	4 31.74	+ 2 43.7	2.277	3.074	12.5	19.7

270716 2002 QW_{108} 12 6.4 27°.59 1°.0/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.42	+20 27.8	1.902	2.692	15.3	20.9
11 7	5 14.87	+20 18.6	1.827	2.701	12.1	20.7
11 17	5 8.83	+20 7.8	1.774	2.711	8.3	20.5
11 27	5 0.93	+19 56.0	1.747	2.721	4.2	20.3
12 7	4 52.15	+19 44.1	1.747	2.731	1.1	20.1
12 17	4 43.56	+19 33.7	1.776	2.743	4.8	20.3
12 27	4 36.25	+19 26.6	1.833	2.754	8.8	20.6
1 6	4 31.00	+19 24.5	1.914	2.766	12.2	20.9

155974 2001 QN_{236} 12 6.4 38°.66 2°.2/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.78	+27 15.1	1.215	2.025	21.2	19.2
11 7	5 20.57	+27 27.6	1.159	2.041	16.9	19.0
11 17	5 13.45	+27 32.1	1.121	2.059	11.8	18.7
11 27	5 3.40	+27 25.9	1.105	2.077	6.3	18.5
12 7	4 52.03	+27 8.3	1.113	2.097	2.2	18.3
12 17	4 41.20	+26 41.7	1.147	2.117	6.2	18.6
12 27	4 32.64	+26 11.2	1.206	2.137	11.3	19.0
1 6	4 27.41	+25 42.6	1.288	2.158	15.7	19.3

514838 2008 CG_{142} 12 6.4 256°.40 2°.1/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.17	+18 37.1	1.691	2.478	17.0	22.1
11 7	5 20.12	+18 19.4	1.591	2.462	13.7	21.9
11 17	5 12.96	+18 0.7	1.511	2.445	9.6	21.6
11 27	5 3.25	+17 41.9	1.455	2.428	5.1	21.3
12 7	4 52.03	+17 24.4	1.427	2.410	2.1	21.0
12 17	4 40.67	+17 10.3	1.428	2.392	6.1	21.2
12 27	4 30.64	+17 2.2	1.455	2.373	10.9	21.5
1 6	4 23.11	+17 2.3	1.507	2.354	15.2	21.7

270909 2002 TE_{339} 12 6.5 153°.56 4°.3/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.07	+13 20.9	1.709	2.493	17.0	21.1
11 7	5 19.55	+12 43.7	1.631	2.498	13.7	20.9
11 17	5 12.19	+12 9.1	1.574	2.503	9.8	20.7
11 27	5 2.67	+11 40.3	1.542	2.507	6.0	20.5
12 7	4 52.09	+11 20.3	1.537	2.511	4.4	20.4
12 17	4 41.68	+11 11.3	1.561	2.514	7.1	20.6
12 27	4 32.72	+11 14.9	1.612	2.517	10.9	20.8
1 6	4 26.11	+11 30.9	1.686	2.520	14.5	21.1

281164 2007 EZ_{23} 12 6.5 229°.51 1°.8/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.83	+18 28.3	1.899	2.679	15.7	21.4
11 7	5 19.38	+18 16.8	1.803	2.670	12.6	21.2
11 17	5 12.15	+18 5.0	1.727	2.660	8.8	20.9
11 27	5 2.73	+17 53.5	1.678	2.650	4.6	20.6
12 7	4 52.08	+17 43.3	1.657	2.640	1.8	20.4
12 17	4 41.40	+17 35.9	1.665	2.629	5.4	20.6
12 27	4 31.95	+17 33.2	1.701	2.617	9.7	20.9
1 6	4 24.73	+17 36.8	1.763	2.606	13.6	21.1

174878 2004 BV_{53} 12 6.5 29°.14 2°.5/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.18	+28 56.7	1.605	2.394	17.7	20.3
11 7	5 18.63	+29 7.1	1.530	2.400	14.3	20.1
11 17	5 11.84	+29 9.3	1.475	2.406	10.1	19.9
11 27	5 2.58	+29 0.9	1.444	2.413	5.6	19.7
12 7	4 52.09	+28 41.0	1.438	2.420	2.5	19.5
12 17	4 41.85	+28 11.3	1.461	2.428	5.5	19.7
12 27	4 33.31	+27 36.1	1.510	2.436	9.9	20.0
1 6	4 27.49	+27 0.7	1.583	2.445	13.8	20.2

403687 2010 VY_{63} 12 6.5 74°.29 2°.8/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.23	+16 4.6	2.008	2.791	14.9	21.4
11 7	5 16.02	+15 34.5	1.936	2.804	11.8	21.2
11 17	5 9.47	+15 5.1	1.885	2.816	8.2	21.0
11 27	5 1.22	+14 38.5	1.860	2.829	4.6	20.8
12 7	4 52.18	+14 16.7	1.863	2.842	2.9	20.7
12 17	4 43.37	+14 1.6	1.896	2.854	5.5	20.9
12 27	4 35.78	+13 55.0	1.957	2.867	9.0	21.2
1 6	4 30.14	+13 57.4	2.042	2.880	12.2	21.4

434348 2004 RE_{102} 12 6.5 73°.36 1°.8/ 6.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.65	+28 1.6	1.576	2.357	18.3	21.8
11 7	5 22.59	+27 59.8	1.517	2.382	14.6	21.6
11 17	5 14.29	+27 49.7	1.477	2.408	10.2	21.4
11 27	5 3.64	+27 29.5	1.462	2.433	5.4	21.2
12 7	4 52.04	+26 59.4	1.475	2.458	1.8	21.0
12 17	4 41.01	+26 22.0	1.515	2.483	5.3	21.3
12 27	4 31.91	+25 42.2	1.584	2.507	9.7	21.6
1 6	4 25.64	+25 5.0	1.676	2.532	13.5	21.9

482537 2012 UB_{52} 12 6.5 344°.95 7°.9/ 4.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.44	+ 8 44.5	1.371	2.181	19.2	21.0
11 7	5 15.04	+ 7 31.1	1.297	2.174	15.8	20.7
11 17	5 9.49	+ 6 23.1	1.241	2.168	12.1	20.5
11 27	5 1.49	+ 5 27.4	1.208	2.162	8.9	20.3
12 7	4 52.19	+ 4 50.7	1.199	2.158	8.0	20.2
12 17	4 42.98	+ 4 37.5	1.214	2.154	10.3	20.3
12 27	4 35.32	+ 4 48.9	1.253	2.151	14.0	20.6
1 6	4 30.25	+ 5 22.8	1.313	2.149	17.7	20.8

60104 1999 TZ_{194} 12 6.5 277°.63 0°.6/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.09	+24 59.2	2.229	3.003	13.8	19.6
11 7	5 16.10	+24 58.7	2.129	2.993	11.0	19.4
11 17	5 9.71	+24 53.9	2.052	2.983	7.7	19.2
11 27	5 1.46	+24 44.1	2.000	2.973	3.9	18.9
12 7	4 52.19	+24 29.3	1.978	2.963	0.7	18.7
12 17	4 42.92	+24 10.5	1.985	2.952	4.3	18.9
12 27	4 34.72	+23 50.2	2.021	2.942	8.1	19.1
1 6	4 28.43	+23 31.1	2.083	2.932	11.5	19.3

124085 2001 HR_{8} 12 6.5 146°.46 18°.5/ 3.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.94	−13 48.3	1.313	2.045	23.7	19.4
11 7	5 22.46	−16 8.1	1.268	2.053	21.6	19.2
11 17	5 14.49	−18 0.4	1.238	2.060	19.9	19.1
11 27	5 3.90	−19 11.7	1.226	2.066	18.7	19.1
12 7	4 52.06	−19 32.6	1.233	2.072	18.6	19.1
12 17	4 40.58	−19 0.6	1.259	2.077	19.5	19.2
12 27	4 31.01	−17 40.2	1.302	2.081	21.0	19.3
1 6	4 24.40	−15 41.9	1.362	2.085	22.8	19.5

213329 2001 SE_{140} 12 6.5 104°.90 4°.0/ 5.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.98	+12 52.9	2.106	2.882	14.5	20.7
11 7	5 16.43	+12 9.5	2.034	2.896	11.6	20.6
11 17	5 9.67	+11 28.6	1.985	2.910	8.3	20.4
11 27	5 1.30	+10 53.0	1.961	2.923	5.2	20.2
12 7	4 52.21	+10 25.4	1.966	2.937	4.1	20.2
12 17	4 43.35	+10 8.0	2.001	2.950	6.2	20.3
12 27	4 35.66	+10 2.0	2.063	2.962	9.3	20.5
1 6	4 29.83	+10 7.6	2.151	2.975	12.2	20.8

179613 2002 PU_{5} 12 6.5 73°.42 5°.6/ 8.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 33.38	+37 38.6	1.436	2.198	20.7	19.6
11 7	5 27.71	+37 43.4	1.381	2.226	16.9	19.4
11 17	5 18.04	+37 30.3	1.343	2.254	12.7	19.3
11 27	5 5.54	+36 54.3	1.328	2.282	8.4	19.1
12 7	4 51.99	+35 54.6	1.340	2.309	5.6	19.0
12 17	4 39.37	+34 35.7	1.378	2.337	7.2	19.2
12 27	4 29.32	+33 6.8	1.444	2.363	10.8	19.4
1 6	4 22.77	+31 38.0	1.534	2.390	14.5	19.7

52786 1998 QP_{42} 12 6.5 108°.58 1°.6/ 6.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.45	+27 31.6	1.718	2.491	17.4	20.0
11 7	5 23.12	+27 33.4	1.648	2.509	13.8	19.8
11 17	5 14.66	+27 27.9	1.599	2.527	9.7	19.6
11 27	5 3.89	+27 13.2	1.575	2.545	5.1	19.3
12 7	4 52.08	+26 49.0	1.578	2.562	1.6	19.1
12 17	4 40.68	+26 17.3	1.611	2.578	5.1	19.4
12 27	4 31.04	+25 42.4	1.673	2.594	9.4	19.7
1 6	4 24.10	+25 9.0	1.759	2.610	13.2	20.0

356927 2012 RV_{22} 12 6.5 354°.81 5°.7/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.59	+12 10.6	1.435	2.240	18.7	19.8
11 7	5 16.61	+11 19.6	1.360	2.238	15.1	19.6
11 17	5 10.51	+10 32.0	1.304	2.236	11.1	19.3
11 27	5 1.98	+ 9 52.6	1.271	2.235	7.2	19.1
12 7	4 52.19	+ 9 26.1	1.264	2.234	5.8	19.0
12 17	4 42.55	+ 9 15.6	1.282	2.234	8.5	19.2
12 27	4 34.46	+ 9 22.9	1.326	2.234	12.5	19.4
1 6	4 28.97	+ 9 46.8	1.391	2.235	16.4	19.6

277108 2005 GQ_{1} 12 6.5 239°.54 1°.4/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.56	+16 55.0	2.749	3.514	11.7	20.8
11 7	5 15.09	+17 2.3	2.646	3.504	9.3	20.7
11 17	5 8.73	+17 11.2	2.566	3.494	6.5	20.5
11 27	5 0.90	+17 21.9	2.513	3.484	3.4	20.2
12 7	4 52.26	+17 34.6	2.491	3.474	1.4	20.1
12 17	4 43.58	+17 49.4	2.500	3.463	4.0	20.3
12 27	4 35.67	+18 7.0	2.539	3.452	7.1	20.4
1 6	4 29.20	+18 27.6	2.606	3.441	10.0	20.6

509647 2008 GC_{46} 12 6.5 196°.28 2°.1/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.27	+17 36.6	1.939	2.714	15.6	23.3
11 7	5 20.36	+17 22.8	1.848	2.712	12.4	23.0
11 17	5 12.74	+17 9.1	1.778	2.709	8.7	22.8
11 27	5 3.01	+16 56.4	1.734	2.705	4.6	22.6
12 7	4 52.15	+16 46.0	1.719	2.701	2.1	22.4
12 17	4 41.33	+16 39.2	1.733	2.696	5.5	22.6
12 27	4 31.77	+16 37.9	1.776	2.690	9.6	22.8
1 6	4 24.41	+16 43.3	1.845	2.683	13.3	23.0

410538 2008 FS_{56} 12 6.5 131°.91 1°.2/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.63	+19 42.2	2.083	2.863	14.5	21.9
11 7	5 16.48	+19 31.3	1.997	2.865	11.5	21.7
11 17	5 9.92	+19 19.3	1.933	2.866	7.9	21.5
11 27	5 1.54	+19 6.8	1.895	2.868	4.0	21.2
12 7	4 52.23	+18 54.5	1.885	2.869	1.3	21.0
12 17	4 43.03	+18 43.9	1.905	2.870	4.7	21.3
12 27	4 34.98	+18 36.9	1.954	2.872	8.6	21.5
1 6	4 28.89	+18 35.1	2.028	2.873	12.0	21.8

143761 2003 WS_{22} 12 6.5 218°.12 2°.1/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.28	+19 2.4	1.581	2.373	17.8	20.0
11 7	5 20.22	+18 39.0	1.495	2.369	14.2	19.8
11 17	5 12.99	+18 13.9	1.430	2.366	10.0	19.5
11 27	5 3.23	+17 48.4	1.389	2.362	5.2	19.2
12 7	4 52.14	+17 24.3	1.375	2.358	2.2	19.0
12 17	4 41.12	+17 4.2	1.389	2.353	6.2	19.3
12 27	4 31.66	+16 51.1	1.430	2.349	11.0	19.5
1 6	4 24.83	+16 47.0	1.494	2.344	15.2	19.8

409140 2003 UJ_{69} 12 6.5 128°.41 4°.0/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.22	+11 33.4	2.437	3.208	12.9	21.5
11 7	5 14.05	+10 52.6	2.356	3.214	10.3	21.4
11 17	5 7.96	+10 14.6	2.297	3.219	7.5	21.2
11 27	5 0.47	+ 9 42.0	2.265	3.224	4.9	21.0
12 7	4 52.30	+ 9 17.2	2.263	3.229	4.0	21.0
12 17	4 44.26	+ 9 2.2	2.289	3.234	5.8	21.1
12 27	4 37.15	+ 8 58.0	2.345	3.239	8.5	21.3
1 6	4 31.61	+ 9 4.8	2.426	3.243	11.2	21.5

178653 2000 OZ_{19} 12 6.5 131°.86 2°.6/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.22	+15 39.2	2.459	3.226	12.9	21.1
11 7	5 16.33	+15 6.0	2.381	3.240	10.2	20.9
11 17	5 9.47	+14 33.3	2.326	3.253	7.2	20.7
11 27	5 1.19	+14 2.9	2.298	3.265	4.1	20.5
12 7	4 52.26	+13 36.6	2.301	3.277	2.7	20.5
12 17	4 43.53	+13 16.3	2.334	3.289	4.9	20.6
12 27	4 35.80	+13 3.7	2.396	3.300	7.9	20.8
1 6	4 29.73	+12 59.3	2.485	3.310	10.7	21.1

244404 2002 PL_{131} 12 6.5 114°.76 2°.7/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.85	+17 14.7	2.259	3.026	13.9	21.7
11 7	5 18.45	+16 25.2	2.188	3.048	11.0	21.5
11 17	5 10.91	+15 34.5	2.140	3.068	7.6	21.3
11 27	5 1.88	+14 45.1	2.120	3.089	4.3	21.2
12 7	4 52.23	+13 59.5	2.131	3.108	2.7	21.1
12 17	4 42.89	+13 20.6	2.171	3.127	5.2	21.3
12 27	4 34.75	+12 50.7	2.242	3.145	8.4	21.5
1 6	4 28.46	+12 31.1	2.338	3.163	11.3	21.7

443586 2014 KP_{75} 12 6.5 235°.16 3°.6/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.45	+31 20.4	2.020	2.781	15.5	21.2
11 7	5 20.90	+31 52.8	1.922	2.773	12.6	21.0
11 17	5 13.36	+32 18.5	1.846	2.765	9.3	20.8
11 27	5 3.43	+32 33.7	1.795	2.756	5.7	20.5
12 7	4 52.13	+32 35.7	1.772	2.747	3.6	20.4
12 17	4 40.78	+32 24.2	1.778	2.738	5.6	20.5
12 27	4 30.77	+32 1.7	1.812	2.729	9.2	20.7
1 6	4 23.16	+31 33.2	1.872	2.719	12.7	20.9

26367 1999 CD_{1} 12 6.5 356°.39 7°.3/ 8.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.93	+39 6.1	1.215	2.007	22.1	17.2
11 7	5 20.11	+39 22.5	1.140	2.003	18.6	16.9
11 17	5 13.80	+39 18.1	1.082	1.999	14.4	16.7
11 27	5 3.88	+38 45.7	1.044	1.997	10.1	16.4
12 7	4 52.11	+37 42.3	1.029	1.996	7.4	16.3
12 17	4 40.72	+36 11.0	1.037	1.996	8.8	16.4
12 27	4 31.86	+34 22.4	1.070	1.998	12.8	16.6
1 6	4 26.83	+32 30.0	1.124	2.000	17.1	16.9

387132 2012 TB_{194} 12 6.5 241°.60 1°.1/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.37	+20 30.9	1.874	2.656	15.8	21.4
11 7	5 19.12	+20 19.9	1.777	2.645	12.6	21.2
11 17	5 12.06	+20 6.9	1.701	2.635	8.8	21.0
11 27	5 2.75	+19 52.2	1.651	2.624	4.5	20.7
12 7	4 52.19	+19 36.4	1.628	2.613	1.2	20.4
12 17	4 41.59	+19 21.3	1.635	2.601	5.2	20.7
12 27	4 32.26	+19 9.4	1.670	2.589	9.7	20.9
1 6	4 25.19	+19 2.9	1.730	2.577	13.6	21.1

317675 2003 HX_{58} 12 6.5 223°.98 0°.2/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.59	+23 21.4	1.938	2.714	15.6	21.7
11 7	5 20.04	+23 24.6	1.842	2.706	12.5	21.4
11 17	5 12.67	+23 24.7	1.767	2.698	8.7	21.2
11 27	5 3.05	+23 20.6	1.717	2.690	4.4	20.9
12 7	4 52.18	+23 12.2	1.696	2.681	0.3	20.6
12 17	4 41.30	+23 0.2	1.705	2.672	4.9	20.9
12 27	4 31.69	+22 47.1	1.742	2.662	9.2	21.1
1 6	4 24.36	+22 35.9	1.804	2.652	13.1	21.4

315547 2008 BV_{48} 12 6.5 13°.21 9°.2/ 9.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.54	+42 24.6	1.424	2.190	20.6	20.4
11 7	5 21.01	+43 22.0	1.356	2.194	17.6	20.2
11 17	5 14.23	+44 1.1	1.305	2.199	14.3	20.0
11 27	5 4.04	+44 13.7	1.274	2.206	11.1	19.8
12 7	4 52.13	+43 54.5	1.266	2.213	9.3	19.8
12 17	4 40.57	+43 4.0	1.283	2.222	10.0	19.8
12 27	4 31.41	+41 49.2	1.324	2.231	12.6	20.0
1 6	4 25.90	+40 21.4	1.386	2.242	15.8	20.2

376649 2013 QM_3 12 6.5 167°.40 2°.5/ 7.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.04	+31 29.4	2.575	3.329	12.7	21.4
11 7	5 16.51	+31 33.5	2.483	3.330	10.3	21.2
11 17	5 9.80	+31 30.1	2.413	3.331	7.4	21.1
11 27	5 1.45	+31 17.5	2.370	3.332	4.4	20.9
12 7	4 52.28	+30 55.3	2.356	3.333	2.5	20.7
12 17	4 43.24	+30 24.5	2.372	3.334	4.2	20.9
12 27	4 35.25	+29 47.8	2.418	3.335	7.2	21.1
1 6	4 29.05	+29 8.9	2.490	3.335	10.0	21.2

374642 2006 HX_{93} 12 6.5 281°.30 4°.2/ 5.5 18

10 28	5 18.11	+ 9 55.9	2.370	3.141	13.2	20.8
11 7	5 14.20	+ 9 36.2	2.275	3.132	10.7	20.6
11 17	5 8.24	+ 9 21.3	2.201	3.122	7.9	20.4
11 27	5 0.71	+ 9 13.5	2.154	3.112	5.2	20.3
12 7	4 52.32	+ 9 14.8	2.135	3.102	4.2	20.2
12 17	4 43.93	+ 9 26.1	2.145	3.092	6.0	20.3
12 27	4 36.40	+ 9 48.0	2.184	3.082	8.9	20.4
1 6	4 30.47	+10 19.7	2.249	3.072	11.7	20.6

174684 2003 TL_9 12 6.5 86°.01 1°.1/ 6.6 18

10 28	5 28.01	+24 19.5	1.407	2.200	19.6	20.1
11 7	5 23.47	+24 36.8	1.341	2.215	15.6	19.9
11 17	5 15.31	+24 50.3	1.295	2.230	10.8	19.7
11 27	5 4.39	+24 57.7	1.272	2.245	5.5	19.4
12 7	4 52.13	+24 57.5	1.276	2.260	1.1	19.2
12 17	4 40.26	+24 50.7	1.306	2.275	5.8	19.5
12 27	4 30.40	+24 40.6	1.364	2.290	10.8	19.9
1 6	4 23.64	+24 31.3	1.445	2.304	15.1	20.1

238274 2003 WU_{79} 12 6.5 88°.14 3°.9/ 7.1 18

10 28	5 29.05	+30 34.6	1.869	2.630	16.6	19.9
11 7	5 23.65	+31 30.1	1.800	2.650	13.4	19.8
11 17	5 15.13	+32 19.3	1.752	2.671	9.7	19.6
11 27	5 4.23	+32 57.4	1.730	2.691	6.0	19.4
12 7	4 52.14	+33 20.9	1.736	2.710	3.9	19.3
12 17	4 40.31	+33 29.2	1.772	2.730	5.8	19.5
12 27	4 30.13	+33 24.7	1.835	2.749	9.3	19.7
1 6	4 22.59	+33 12.4	1.924	2.768	12.6	20.0

285026 2011 DA_{43} 12 6.5 23°.01 2°.9/ 5.7 18

10 28	5 17.90	+15 49.1	1.981	2.769	14.8	20.2
11 7	5 14.35	+15 20.2	1.903	2.774	11.8	20.0
11 17	5 8.46	+14 52.2	1.846	2.779	8.3	19.8
11 27	5 0.83	+14 27.3	1.815	2.784	4.7	19.6
12 7	4 52.34	+14 7.5	1.812	2.790	3.0	19.5
12 17	4 44.01	+13 54.9	1.838	2.796	5.6	19.7
12 27	4 36.84	+13 51.0	1.891	2.803	9.1	19.9
1 6	4 31.59	+13 56.3	1.969	2.810	12.4	20.2

20666 1999 UX_8 12 6.5 212°.82 2°.5/ 5.6 18

10 28	5 18.96	+17 6.4	2.302	3.080	13.4	18.6
11 7	5 14.88	+16 29.7	2.213	3.078	10.6	18.4
11 17	5 8.68	+15 52.0	2.146	3.076	7.4	18.2
11 27	5 0.91	+15 15.3	2.105	3.075	4.1	18.0
12 7	4 52.34	+14 41.8	2.094	3.073	2.5	17.9
12 17	4 43.87	+14 13.8	2.113	3.071	5.0	18.1
12 27	4 36.40	+13 53.4	2.160	3.069	8.4	18.3
1 6	4 30.64	+13 42.0	2.234	3.067	11.4	18.5

291492 2006 DU_{119} 12 6.5 192°.63 2°.6/ 6.9 18

10 28	5 26.37	+27 21.0	1.866	2.637	16.2	20.6
11 7	5 21.71	+28 1.6	1.777	2.636	13.1	20.4
11 17	5 13.98	+28 38.6	1.709	2.635	9.3	20.2
11 27	5 3.77	+29 8.4	1.667	2.634	5.3	19.9
12 7	4 52.18	+29 28.4	1.652	2.633	2.6	19.8
12 17	4 40.58	+29 37.4	1.667	2.631	5.4	20.0
12 27	4 30.39	+29 37.3	1.710	2.629	9.4	20.2
1 6	4 22.72	+29 32.0	1.778	2.627	13.2	20.4

26713 Iusukyin 12 6.5 75°.70 0°.8/ 6.6 18

10 28	5 21.98	+23 26.3	2.264	3.035	13.7	18.4
11 7	5 17.43	+23 54.8	2.182	3.043	10.9	18.2
11 17	5 10.54	+24 21.9	2.122	3.052	7.6	18.0
11 27	5 1.88	+24 45.9	2.089	3.061	3.9	17.8
12 7	4 52.30	+25 5.6	2.085	3.069	0.8	17.6
12 17	4 42.81	+25 20.7	2.111	3.078	4.1	17.8
12 27	4 34.42	+25 32.2	2.167	3.087	7.7	18.1
1 6	4 27.93	+25 41.9	2.249	3.096	10.9	18.3

409159 2003 UP_{174} 12 6.5 72°.59 3°.8/ 7.4 17

10 28	5 23.18	+32 35.5	2.308	3.062	14.0	20.3
11 7	5 18.63	+33 19.0	2.222	3.067	11.4	20.2
11 17	5 11.52	+33 55.9	2.159	3.072	8.4	20.0
11 27	5 2.43	+34 22.6	2.121	3.077	5.5	19.8
12 7	4 52.27	+34 36.8	2.112	3.082	3.8	19.7
12 17	4 42.17	+34 37.9	2.132	3.087	5.3	19.8
12 27	4 33.26	+34 27.8	2.180	3.092	8.1	20.0
1 6	4 26.43	+34 10.5	2.255	3.097	11.0	20.2

369865 2012 KL_{17} 12 6.5 240°.81 2°.3/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.42	+17 7.0	2.527	3.299	12.4	21.0
11 7	5 14.31	+16 31.9	2.429	3.292	9.9	20.9
11 17	5 8.24	+15 55.9	2.354	3.284	6.9	20.7
11 27	5 0.69	+15 20.4	2.306	3.275	3.9	20.4
12 7	4 52.37	+14 47.6	2.288	3.267	2.4	20.3
12 17	4 44.10	+14 19.5	2.301	3.258	4.7	20.5
12 27	4 36.70	+13 58.3	2.342	3.250	7.9	20.7
1 6	4 30.86	+13 45.2	2.410	3.241	10.8	20.8

297223 2011 OS_{19} 12 6.5 166°.96 0°.8/ 6.7 18

10 28	5 24.47	+25 53.8	1.964	2.737	15.5	21.4
11 7	5 19.78	+25 47.0	1.878	2.740	12.4	21.2
11 17	5 12.35	+25 34.4	1.812	2.743	8.6	21.0
11 27	5 2.83	+25 14.9	1.773	2.745	4.4	20.7
12 7	4 52.26	+24 48.8	1.762	2.746	0.8	20.5
12 17	4 41.85	+24 17.9	1.780	2.748	4.7	20.8
12 27	4 32.81	+23 45.6	1.828	2.749	8.8	21.0
1 6	4 26.04	+23 15.6	1.901	2.749	12.5	21.2

249138 2008 AK_4 12 6.5 14°.74 5°.4/ 8.4 18

10 28	5 24.81	+37 42.7	1.827	2.583	17.1	20.2
11 7	5 20.70	+37 56.2	1.742	2.584	14.2	20.0
11 17	5 13.30	+37 55.6	1.678	2.585	10.8	19.8
11 27	5 3.39	+37 36.4	1.637	2.587	7.5	19.6
12 7	4 52.23	+36 56.7	1.622	2.588	5.4	19.5
12 17	4 41.34	+35 58.1	1.635	2.590	6.7	19.5
12 27	4 32.19	+34 46.4	1.676	2.592	9.8	19.7
1 6	4 25.81	+33 29.4	1.742	2.594	13.2	19.9

297969 2002 JB_{23} 12 6.5 197°.29 2°.2/ 5.8 18

10 28	5 22.88	+17 19.4	2.390	3.156	13.2	22.4
11 7	5 17.91	+16 51.3	2.293	3.152	10.5	22.2
11 17	5 10.76	+16 22.5	2.220	3.148	7.4	22.0
11 27	5 1.97	+15 54.2	2.174	3.144	4.0	21.7
12 7	4 52.31	+15 28.1	2.158	3.138	2.2	21.6
12 17	4 42.72	+15 6.2	2.173	3.132	4.9	21.8
12 27	4 34.12	+14 50.5	2.218	3.125	8.3	22.0
1 6	4 27.27	+14 42.4	2.288	3.117	11.4	22.2

48507 1993 FS_{11} 12 6.5 325°.79 5°.4/ 5.4 18 R

10 28	5 20.82	+12 30.6	1.435	2.239	18.8	18.1
11 7	5 17.68	+11 46.4	1.356	2.234	15.2	17.8
11 17	5 11.35	+11 5.7	1.296	2.229	11.1	17.6
11 27	5 2.50	+10 32.8	1.259	2.224	7.1	17.4
12 7	4 52.28	+10 11.9	1.248	2.220	5.5	17.3
12 17	4 42.14	+10 5.9	1.262	2.216	8.3	17.4
12 27	4 33.56	+10 16.5	1.302	2.212	12.6	17.6
1 6	4 27.62	+10 42.8	1.363	2.209	16.6	17.9

363535 2003 UJ_{303} 12 6.5 64°.18 1°.7/ 7.1 17

10 28	5 21.05	+29 20.1	2.218	2.985	14.1	21.3
11 7	5 16.74	+29 11.1	2.136	2.994	11.3	21.1
11 17	5 10.04	+28 54.4	2.077	3.003	8.0	20.9
11 27	5 1.59	+28 29.0	2.044	3.013	4.4	20.7
12 7	4 52.34	+27 55.1	2.040	3.022	1.7	20.6
12 17	4 43.31	+27 14.7	2.065	3.032	4.3	20.8
12 27	4 35.53	+26 31.4	2.120	3.041	7.7	21.0
1 6	4 29.74	+25 49.1	2.201	3.051	10.9	21.2

234588 2001 YU_{25} 12 6.5 0°.70 0°.8/ 6.6 18

10 28	5 19.02	+23 47.2	1.208	2.029	20.6	20.6
11 7	5 17.14	+24 1.4	1.136	2.026	16.5	20.3
11 17	5 11.46	+24 12.0	1.082	2.025	11.5	20.0
11 27	5 2.69	+24 17.4	1.049	2.024	5.9	19.7
12 7	4 52.27	+24 16.7	1.040	2.025	0.9	19.4
12 17	4 41.97	+24 10.7	1.057	2.027	6.3	19.7
12 27	4 33.65	+24 2.8	1.097	2.031	11.9	20.1
1 6	4 28.55	+23 56.9	1.159	2.035	16.7	20.4

209238 2003 WF_{108} 12 6.5 315°.70 3°.9/ 4.9 18

10 28	5 20.24	+18 16.9	1.646	2.443	17.0	19.8
11 7	5 16.83	+16 56.2	1.558	2.434	13.6	19.6
11 17	5 10.53	+15 29.4	1.490	2.426	9.6	19.3
11 27	5 2.00	+14 0.7	1.448	2.418	5.6	19.1
12 7	4 52.32	+12 36.1	1.433	2.410	4.1	19.0
12 17	4 42.76	+11 21.6	1.447	2.402	7.3	19.1
12 27	4 34.63	+10 22.9	1.487	2.395	11.5	19.4
1 6	4 28.87	+ 9 42.8	1.550	2.388	15.4	19.6

230771 2003 YY_{23} 12 6.5 281°.51 0°.5/ 6.5 18

10 28	5 23.23	+20 57.0	2.451	3.215	13.0	20.1
11 7	5 18.47	+21 42.6	2.344	3.202	10.4	19.9
11 17	5 11.38	+22 30.3	2.260	3.189	7.2	19.7
11 27	5 2.40	+23 18.2	2.204	3.176	3.7	19.5
12 7	4 52.30	+24 4.3	2.179	3.164	0.5	19.2
12 17	4 42.01	+24 47.1	2.185	3.151	4.1	19.5
12 27	4 32.58	+25 26.1	2.221	3.138	7.7	19.7
1 6	4 24.88	+26 2.0	2.285	3.126	10.9	19.9

310581 2001 TY_{202} 12 6.5 5°.33 5°.8/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.56	+ 8 57.2	1.596	2.392	17.5	19.9
11 7	5 15.47	+ 8 32.3	1.522	2.392	14.3	19.7
11 17	5 9.57	+ 8 15.5	1.467	2.393	10.6	19.5
11 27	5 1.52	+ 8 10.6	1.435	2.394	7.2	19.3
12 7	4 52.35	+ 8 20.3	1.430	2.397	5.8	19.2
12 17	4 43.30	+ 8 45.6	1.450	2.400	8.0	19.4
12 27	4 35.62	+ 9 25.8	1.497	2.403	11.5	19.6
1 6	4 30.23	+10 18.6	1.567	2.408	15.1	19.8

351343 2005 AS_{21} 12 6.5 356°.32 3°.6/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.69	+14 17.2	1.134	1.966	21.0	19.5
11 7	5 14.50	+14 21.0	1.063	1.958	16.9	19.2
11 17	5 9.66	+14 32.1	1.009	1.953	12.0	18.9
11 27	5 1.83	+14 52.8	0.976	1.949	6.7	18.6
12 7	4 52.33	+15 23.9	0.966	1.948	3.6	18.4
12 17	4 42.86	+16 4.9	0.980	1.947	7.6	18.6
12 27	4 35.22	+16 54.7	1.018	1.949	12.9	18.9
1 6	4 30.68	+17 51.3	1.076	1.953	17.6	19.2

311756 2006 TE_{83} 12 6.5 79°.63 0°.3/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.86	+24 48.2	1.936	2.716	15.4	20.7
11 7	5 17.71	+24 34.6	1.853	2.721	12.3	20.4
11 17	5 10.90	+24 15.5	1.792	2.725	8.5	20.2
11 27	5 2.11	+23 50.8	1.756	2.729	4.3	20.0
12 7	4 52.33	+23 21.1	1.748	2.734	0.4	19.7
12 17	4 42.73	+22 48.7	1.770	2.738	4.6	20.0
12 27	4 34.48	+22 16.8	1.820	2.742	8.8	20.3
1 6	4 28.42	+21 48.9	1.895	2.747	12.4	20.5

4638 Estens 12 6.5 264°.94 1°.1/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.01	+26 13.6	1.465	2.258	18.9	17.3
11 7	5 21.43	+26 7.2	1.374	2.248	15.3	17.0
11 17	5 14.22	+25 53.1	1.303	2.239	10.8	16.7
11 27	5 4.05	+25 29.8	1.255	2.228	5.6	16.4
12 7	4 52.21	+24 56.9	1.233	2.218	1.1	16.0
12 17	4 40.37	+24 16.8	1.239	2.208	6.0	16.4
12 27	4 30.29	+23 34.7	1.270	2.197	11.3	16.6
1 6	4 23.23	+22 56.5	1.325	2.187	16.0	16.9

477869 2011 HZ_{30} 12 6.5 241°.29 2°.0/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.00	+17 13.8	1.715	2.501	16.9	21.1
11 7	5 19.85	+17 15.6	1.625	2.495	13.5	20.8
11 17	5 12.70	+17 19.5	1.555	2.489	9.5	20.6
11 27	5 3.16	+17 26.0	1.510	2.483	5.0	20.3
12 7	4 52.26	+17 35.4	1.493	2.476	2.0	20.1
12 17	4 41.34	+17 48.3	1.504	2.469	5.8	20.3
12 27	4 31.78	+18 5.5	1.543	2.462	10.3	20.6
1 6	4 24.64	+18 28.0	1.606	2.455	14.4	20.8

441203 2007 UT_{83} 12 6.5 80°.89 0°.5/ 6.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.90	+22 9.8	1.813	2.593	16.3	22.1
11 7	5 19.98	+21 58.7	1.749	2.616	12.9	22.0
11 17	5 12.34	+21 44.4	1.706	2.639	8.8	21.8
11 27	5 2.74	+21 27.1	1.688	2.662	4.4	21.5
12 7	4 52.31	+21 7.6	1.699	2.684	0.6	21.3
12 17	4 42.25	+20 47.9	1.739	2.706	4.8	21.7
12 27	4 33.74	+20 30.6	1.808	2.728	9.0	22.0
1 6	4 27.56	+20 18.1	1.901	2.750	12.5	22.2

361215 2006 SM_{32} 12 6.5 39°.79 8°.2/ 8.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.52	+40 11.5	1.635	2.390	18.8	21.0
11 7	5 23.54	+41 27.1	1.569	2.402	15.9	20.8
11 17	5 15.69	+42 29.1	1.522	2.415	12.7	20.7
11 27	5 4.74	+43 9.5	1.497	2.429	9.8	20.5
12 7	4 52.19	+43 22.8	1.497	2.443	8.2	20.5
12 17	4 39.90	+43 8.0	1.522	2.457	9.1	20.6
12 27	4 29.71	+42 30.2	1.573	2.472	11.6	20.8
1 6	4 22.85	+41 37.8	1.647	2.487	14.5	21.0

44118 1998 HB_{29} 12 6.5 107°.17 14°.6/ 3.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.65	−11 18.4	1.666	2.390	19.6	18.2
11 7	5 19.06	−13 15.7	1.620	2.405	17.7	18.1
11 17	5 11.75	−14 50.8	1.593	2.419	15.9	18.0
11 27	5 2.47	−15 54.3	1.586	2.433	14.8	18.0
12 7	4 52.33	−16 19.6	1.601	2.447	14.7	18.0
12 17	4 42.52	−16 5.0	1.638	2.461	15.5	18.1
12 27	4 34.22	−15 13.4	1.695	2.474	16.9	18.2
1 6	4 28.23	−13 51.8	1.771	2.486	18.5	18.4

44584 1999 JO_{21} 12 6.5 177°.41 0°.8/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.46	+25 23.2	2.128	2.893	14.7	20.5
11 7	5 20.38	+25 24.9	2.037	2.896	11.7	20.3
11 17	5 12.70	+25 21.9	1.969	2.897	8.2	20.1
11 27	5 3.02	+25 13.1	1.927	2.898	4.2	19.8
12 7	4 52.31	+24 58.2	1.914	2.898	0.8	19.6
12 17	4 41.71	+24 38.3	1.931	2.898	4.4	19.8
12 27	4 32.37	+24 16.1	1.978	2.897	8.4	20.1
1 6	4 25.15	+23 54.9	2.051	2.896	11.9	20.3

367863 2011 CW_{85} 12 6.5 346°.70 3°.6/ 7.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.93	+34 16.3	2.265	3.019	14.2	20.7
11 7	5 17.67	+34 26.3	2.174	3.018	11.6	20.5
11 17	5 10.86	+34 26.4	2.104	3.017	8.6	20.3
11 27	5 2.10	+34 14.1	2.060	3.017	5.5	20.1
12 7	4 52.36	+33 48.3	2.044	3.016	3.6	20.0
12 17	4 42.76	+33 10.1	2.057	3.016	5.1	20.1
12 27	4 34.42	+32 22.9	2.099	3.015	8.1	20.3
1 6	4 28.18	+31 31.9	2.167	3.015	11.2	20.5

199547 2006 ET_{7} 12 6.5 13°.00 3°.2/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.74	+17 26.7	1.175	2.001	20.7	20.1
11 7	5 15.83	+17 0.1	1.112	2.005	16.5	19.8
11 17	5 10.32	+16 34.0	1.067	2.010	11.6	19.6
11 27	5 2.03	+16 11.2	1.043	2.017	6.3	19.3
12 7	4 52.37	+15 54.7	1.043	2.025	3.3	19.1
12 17	4 43.00	+15 47.0	1.068	2.034	7.3	19.4
12 27	4 35.54	+15 50.3	1.117	2.045	12.4	19.7
1 6	4 31.10	+16 5.0	1.187	2.057	16.9	20.0

267984 2004 GM_{20} 12 6.5 153°.95 0°.3/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.65	+21 48.9	2.058	2.825	15.0	21.9
11 7	5 21.25	+21 48.7	1.974	2.834	11.9	21.7
11 17	5 13.25	+21 46.3	1.913	2.843	8.3	21.5
11 27	5 3.27	+21 41.2	1.878	2.851	4.1	21.2
12 7	4 52.32	+21 33.4	1.873	2.858	0.4	20.9
12 17	4 41.52	+21 24.0	1.898	2.864	4.6	21.3
12 27	4 32.04	+21 15.1	1.952	2.869	8.6	21.5
1 6	4 24.73	+21 8.9	2.033	2.874	12.1	21.8

9479 Madresplazamayo 12 6.5 153°.76 2°.4/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.92	+29 13.1	2.063	2.827	15.1	19.8
11 7	5 20.14	+29 28.8	1.977	2.832	12.2	19.6
11 17	5 12.63	+29 37.8	1.912	2.836	8.7	19.4
11 27	5 3.01	+29 37.9	1.873	2.840	4.9	19.1
12 7	4 52.33	+29 27.7	1.863	2.843	2.4	19.0
12 17	4 41.77	+29 8.0	1.882	2.846	4.8	19.2
12 27	4 32.57	+28 41.8	1.930	2.849	8.5	19.4
1 6	4 25.63	+28 13.3	2.004	2.852	11.9	19.6

265670 2005 UQ_{51} 12 6.5 17°.74 0°.9/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.22	+25 59.6	1.769	2.557	16.3	20.6
11 7	5 16.74	+25 54.2	1.689	2.561	13.0	20.3
11 17	5 10.42	+25 42.6	1.630	2.565	9.1	20.1
11 27	5 1.94	+25 24.1	1.596	2.569	4.7	19.9
12 7	4 52.39	+24 59.0	1.589	2.574	0.9	19.6
12 17	4 43.02	+24 29.3	1.610	2.579	4.9	19.9
12 27	4 35.09	+23 58.6	1.659	2.585	9.2	20.2
1 6	4 29.53	+23 30.6	1.732	2.591	13.0	20.4

101390 1998 UV_{33} 12 6.5 56°.83 0°.5/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.44	+24 5.4	1.366	2.168	19.6	19.0
11 7	5 20.59	+23 34.6	1.303	2.182	15.6	18.8
11 17	5 13.27	+22 56.8	1.258	2.197	10.7	18.6
11 27	5 3.37	+22 12.7	1.237	2.212	5.3	18.3
12 7	4 52.32	+21 24.7	1.242	2.227	0.6	18.0
12 17	4 41.74	+20 37.0	1.273	2.242	5.9	18.4
12 27	4 33.15	+19 54.8	1.331	2.257	10.9	18.8
1 6	4 27.52	+19 22.2	1.412	2.273	15.2	19.1

112170 2002 JQ_{91} 12 6.5 33°.15 1°.4/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.00	+23 53.2	1.125	1.943	22.0	19.3
11 7	5 21.20	+24 23.8	1.066	1.954	17.5	19.0
11 17	5 14.27	+24 51.7	1.023	1.965	12.2	18.8
11 27	5 4.09	+25 13.8	1.002	1.977	6.3	18.5
12 7	4 52.28	+25 27.6	1.005	1.990	1.5	18.2
12 17	4 40.84	+25 33.2	1.033	2.004	6.6	18.6
12 27	4 31.71	+25 33.6	1.086	2.018	12.1	18.9
1 6	4 26.12	+25 33.2	1.159	2.033	16.9	19.3

197975 2004 RY_{137} 12 6.5 163°.19 3°.5/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.32	+15 25.3	1.865	2.646	15.9	20.6
11 7	5 18.80	+14 43.3	1.784	2.650	12.7	20.4
11 17	5 11.64	+14 1.6	1.723	2.653	9.0	20.2
11 27	5 2.50	+13 22.9	1.689	2.656	5.3	20.0
12 7	4 52.38	+12 50.0	1.682	2.659	3.6	19.9
12 17	4 42.42	+12 25.8	1.705	2.661	6.3	20.1
12 27	4 33.77	+12 12.6	1.755	2.662	10.1	20.3
1 6	4 27.30	+12 11.3	1.830	2.663	13.6	20.5

285507 2000 EL_{23} 12 6.5 233°.99 0°.3/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.42	+22 1.3	2.638	3.405	12.1	21.8
11 7	5 15.13	+21 54.2	2.537	3.397	9.6	21.6
11 17	5 8.85	+21 44.8	2.458	3.389	6.6	21.4
11 27	5 1.06	+21 33.1	2.407	3.380	3.3	21.2
12 7	4 52.45	+21 19.5	2.386	3.371	0.4	20.9
12 17	4 43.86	+21 5.2	2.396	3.362	3.8	21.2
12 27	4 36.13	+20 51.7	2.435	3.353	7.1	21.4
1 6	4 29.95	+20 41.0	2.502	3.343	10.1	21.6

308968 2006 TL_{74} 12 6.5 356°.30 4°.5/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.08	+28 31.1	1.571	2.359	18.1	19.8
11 7	5 20.71	+29 51.8	1.489	2.355	14.7	19.5
11 17	5 13.81	+31 10.9	1.426	2.353	10.8	19.3
11 27	5 3.93	+32 22.3	1.387	2.351	6.7	19.1
12 7	4 52.29	+33 20.2	1.375	2.350	4.5	18.9
12 17	4 40.49	+34 0.7	1.390	2.350	6.9	19.1
12 27	4 30.31	+34 24.7	1.432	2.351	11.0	19.3
1 6	4 23.07	+34 36.2	1.497	2.352	14.8	19.6

161334 2003 QY_{103} 12 6.5 9°.37 0°.1/ 6.5 18

10 28	5 16.18	+21 29.0	2.307	3.090	13.2	18.6
11 7	5 12.83	+21 41.0	2.225	3.094	10.4	18.5
11 17	5 7.38	+21 52.0	2.164	3.098	7.2	18.3
11 27	5 0.34	+22 1.6	2.130	3.103	3.6	18.0
12 7	4 52.50	+22 9.8	2.124	3.109	0.2	17.8
12 17	4 44.73	+22 16.9	2.148	3.116	3.9	18.1
12 27	4 37.94	+22 23.9	2.201	3.123	7.4	18.3
1 6	4 32.85	+22 32.0	2.279	3.131	10.5	18.5

303534 2005 ES_{266} 12 6.5 251°.17 6°.9/ 4.2 18

10 28	5 19.72	+ 7 34.6	1.906	2.684	15.7	20.8
11 7	5 15.89	+ 6 20.0	1.824	2.681	12.9	20.6
11 17	5 9.62	+ 5 9.8	1.763	2.677	10.0	20.4
11 27	5 1.51	+ 4 9.5	1.727	2.673	7.5	20.3
12 7	4 52.44	+ 3 24.2	1.718	2.669	7.0	20.2
12 17	4 43.47	+ 2 57.6	1.737	2.664	8.8	20.3
12 27	4 35.65	+ 2 51.3	1.782	2.660	11.7	20.5
1 6	4 29.81	+ 3 4.3	1.850	2.656	14.6	20.7

321019 2008 LC_{15} 12 6.5 124°.52 0°.5/ 6.3 18

10 28	5 20.20	+22 58.4	2.340	3.113	13.3	20.9
11 7	5 15.87	+22 34.4	2.254	3.117	10.5	20.7
11 17	5 9.39	+22 6.3	2.190	3.122	7.3	20.5
11 27	5 1.31	+21 34.7	2.153	3.126	3.6	20.3
12 7	4 52.47	+21 0.8	2.146	3.130	0.5	20.0
12 17	4 43.78	+20 26.7	2.168	3.135	4.1	20.3
12 27	4 36.16	+19 55.1	2.221	3.139	7.7	20.6
1 6	4 30.32	+19 28.5	2.299	3.143	10.8	20.8

327283 2005 TL_{15} 12 6.5 88°.03 16°.8/ 1.5 17

10 28	5 27.91	− 0 15.9	0.997	1.797	25.4	20.8
11 7	5 23.75	− 3 44.2	0.960	1.814	21.9	20.7
11 17	5 15.59	− 6 54.6	0.941	1.831	18.8	20.5
11 27	5 4.54	− 9 28.3	0.942	1.848	17.0	20.5
12 7	4 52.31	−11 10.8	0.963	1.864	17.1	20.6
12 17	4 40.80	−11 55.8	1.005	1.881	18.8	20.7
12 27	4 31.72	−11 46.9	1.065	1.896	21.3	21.0
1 6	4 26.06	−10 54.8	1.141	1.912	23.8	21.2

415435 2013 RD_{13} 12 6.5 348°.97 3°.2/ 5.4 17

10 28	5 17.51	+14 12.1	2.336	3.114	13.2	21.5
11 7	5 13.72	+13 36.9	2.249	3.113	10.5	21.3
11 17	5 7.91	+13 2.9	2.184	3.112	7.5	21.1
11 27	5 0.59	+12 32.4	2.146	3.112	4.5	20.9
12 7	4 52.51	+12 7.7	2.137	3.111	3.3	20.8
12 17	4 44.52	+11 50.7	2.157	3.111	5.4	21.0
12 27	4 37.47	+11 42.9	2.206	3.110	8.5	21.2
1 6	4 32.06	+11 44.9	2.280	3.110	11.4	21.4

296023 2008 YJ_{154} 12 6.5 0°.21 0°.7/ 6.7 18

10 28	5 20.61	+25 55.3	1.474	2.275	18.5	20.6
11 7	5 17.69	+25 39.1	1.394	2.273	14.8	20.3
11 17	5 11.44	+25 14.9	1.335	2.272	10.3	20.1
11 27	5 2.58	+24 42.3	1.298	2.272	5.3	19.8
12 7	4 52.40	+24 2.3	1.288	2.273	0.7	19.5
12 17	4 42.42	+23 18.1	1.304	2.274	5.6	19.8
12 27	4 34.14	+22 34.8	1.346	2.275	10.6	20.1
1 6	4 28.65	+21 57.2	1.412	2.278	14.9	20.4

20974 1981 EO_2 12 6.5 190°.46 1°.2/ 6.1 18

10 28	5 19.84	+21 6.2	2.310	3.085	13.4	18.6
11 7	5 15.64	+20 35.5	2.219	3.084	10.6	18.4
11 17	5 9.27	+20 1.5	2.152	3.084	7.3	18.2
11 27	5 1.28	+19 25.2	2.111	3.083	3.7	18.0
12 7	4 52.49	+18 48.3	2.099	3.083	1.2	17.8
12 17	4 43.82	+18 13.1	2.118	3.082	4.4	18.1
12 27	4 36.19	+17 42.4	2.166	3.081	8.0	18.3
1 6	4 30.32	+17 18.2	2.239	3.080	11.1	18.5

13455 6626 $P–L$ 12 6.5 214°.90 1°.7/ 6.9 18

10 28	5 26.00	+26 36.6	1.651	2.433	17.6	19.2
11 7	5 21.77	+26 48.8	1.563	2.430	14.2	19.0
11 17	5 14.22	+26 55.5	1.496	2.427	10.0	18.7
11 27	5 4.01	+26 54.1	1.452	2.423	5.3	18.5
12 7	4 52.34	+26 43.4	1.436	2.420	1.7	18.2
12 17	4 40.73	+26 24.2	1.448	2.415	5.5	18.5
12 27	4 30.73	+26 0.1	1.487	2.411	10.2	18.7
1 6	4 23.48	+25 35.8	1.551	2.407	14.4	19.0

440788 2006 KX_{91} 12 6.5 95°.12 1°.6/ 6.1 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.14	+19 16.5	1.911	2.690	15.6	22.2
11 7	5 19.27	+18 59.5	1.842	2.709	12.4	22.0
11 17	5 11.84	+18 41.3	1.795	2.727	8.5	21.8
11 27	5 2.56	+18 23.0	1.773	2.746	4.4	21.6
12 7	4 52.44	+18 5.8	1.781	2.764	1.6	21.5
12 17	4 42.62	+17 51.4	1.817	2.782	5.0	21.7
12 27	4 34.20	+17 41.8	1.882	2.799	8.9	22.0
1 6	4 27.96	+17 38.5	1.973	2.816	12.3	22.3

288598 2004 JS_{36} 12 6.5 103°.10 0°.0/ 6.5 18

10 28	5 22.00	+22 40.6	2.060	2.837	14.7	21.5
11 7	5 17.65	+22 40.3	1.978	2.844	11.7	21.3
11 17	5 10.82	+22 37.2	1.918	2.850	8.1	21.1
11 27	5 2.11	+22 30.9	1.883	2.856	4.0	20.8
12 7	4 52.46	+22 21.8	1.878	2.863	0.2	20.5
12 17	4 42.95	+22 10.8	1.901	2.869	4.4	20.9
12 27	4 34.67	+22 0.1	1.954	2.875	8.3	21.1
1 6	4 28.44	+21 51.9	2.032	2.881	11.8	21.4

142777 2002 UX_8 12 6.5 22°.14 5°.5/ 5.9 18

10 28	5 21.18	+ 8 12.6	1.705	2.490	17.0	19.3
11 7	5 17.36	+ 8 0.8	1.629	2.493	13.9	19.1
11 17	5 10.81	+ 7 58.0	1.573	2.496	10.3	18.9
11 27	5 2.17	+ 8 7.5	1.542	2.500	6.9	18.7
12 7	4 52.45	+ 8 31.0	1.537	2.504	5.5	18.7
12 17	4 42.85	+ 9 8.5	1.559	2.508	7.6	18.8
12 27	4 34.57	+ 9 59.0	1.608	2.513	11.0	19.0
1 6	4 28.52	+10 59.7	1.681	2.518	14.4	19.2

112986 2002 RJ_{29} 12 6.5 107°.87 0°.0/ 6.4 18

10 28	5 27.62	+23 44.5	1.639	2.420	17.7	20.6
11 7	5 22.58	+23 33.7	1.570	2.437	14.1	20.4
11 17	5 14.41	+23 18.2	1.520	2.454	9.7	20.2
11 27	5 3.92	+22 57.4	1.496	2.470	4.8	20.0
12 7	4 52.37	+22 32.0	1.500	2.485	0.2	19.6
12 17	4 41.20	+22 4.2	1.532	2.500	5.2	20.0
12 27	4 31.78	+21 37.8	1.593	2.515	9.8	20.4
1 6	4 25.03	+21 16.3	1.678	2.529	13.7	20.6

426555 2013 RU_{88} 12 6.5 161°.40 5°.3/ 7.8 17

10 28	5 32.04	+35 1.7	1.750	2.503	17.8	21.8
11 7	5 26.63	+35 40.9	1.668	2.510	14.7	21.6
11 17	5 17.60	+36 9.5	1.606	2.515	11.1	21.4
11 27	5 5.69	+36 21.8	1.567	2.520	7.4	21.2
12 7	4 52.27	+36 13.8	1.556	2.524	5.3	21.1
12 17	4 39.05	+35 45.5	1.573	2.527	6.9	21.2
12 27	4 27.72	+35 1.7	1.618	2.530	10.4	21.4
1 6	4 19.45	+34 10.0	1.687	2.532	14.0	21.7

384880 2012 SG_{60} 12 6.5 146°.88 2°.9/ 7.3 18

10 28	5 28.80	+30 48.0	2.044	2.798	15.5	21.7
11 7	5 23.21	+31 4.3	1.961	2.809	12.5	21.6
11 17	5 14.74	+31 12.6	1.901	2.820	9.0	21.4
11 27	5 4.09	+31 9.9	1.866	2.829	5.3	21.1
12 7	4 52.37	+30 54.9	1.860	2.838	2.9	21.0
12 17	4 40.87	+30 28.4	1.883	2.846	5.1	21.2
12 27	4 30.88	+29 54.1	1.936	2.853	8.7	21.4
1 6	4 23.31	+29 16.9	2.016	2.860	12.0	21.6

169632 2002 HG_6 12 6.5 122°.77 2°.0/ 7.1 18

10 28	5 27.56	+28 51.3	2.387	3.136	13.7	21.7
11 7	5 21.61	+29 5.0	2.311	3.158	10.9	21.5
11 17	5 13.29	+29 12.6	2.258	3.178	7.7	21.3
11 27	5 3.25	+29 12.1	2.233	3.198	4.3	21.2
12 7	4 52.42	+29 2.7	2.237	3.218	2.0	21.0
12 17	4 41.85	+28 45.3	2.272	3.236	4.2	21.2
12 27	4 32.56	+28 22.5	2.338	3.254	7.5	21.4
1 6	4 25.30	+27 57.7	2.431	3.271	10.4	21.7

139865 2001 RN_{67} 12 6.5 15°.60 0°.0/ 6.5 18

10 28	5 19.60	+24 7.4	1.576	2.376	17.5	19.5
11 7	5 16.54	+23 49.0	1.501	2.380	13.9	19.3
11 17	5 10.44	+23 24.8	1.446	2.384	9.6	19.0
11 27	5 2.03	+22 54.9	1.415	2.390	4.8	18.8
12 7	4 52.49	+22 20.8	1.410	2.396	0.3	18.4
12 17	4 43.18	+21 45.3	1.433	2.402	5.3	18.8
12 27	4 35.45	+21 12.5	1.483	2.410	10.0	19.1
1 6	4 30.24	+20 46.0	1.556	2.418	14.0	19.4

53807 2000 EV_{130} 12 6.5 226°.50 0°.9/ 6.7 18

10 28	5 25.96	+24 57.3	1.914	2.686	15.8	20.2
11 7	5 21.31	+25 5.9	1.815	2.677	12.7	20.0
11 17	5 13.70	+25 10.5	1.737	2.667	8.9	19.7
11 27	5 3.73	+25 9.5	1.685	2.657	4.6	19.5
12 7	4 52.40	+25 1.9	1.661	2.646	0.9	19.2
12 17	4 41.01	+24 48.5	1.667	2.634	4.9	19.4
12 27	4 30.94	+24 31.7	1.701	2.622	9.4	19.7
1 6	4 23.23	+24 15.4	1.761	2.610	13.3	19.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
162328 1999 XJ_{59}		12 6.5 336°.04	0°.3/ 6.6 18			
	h m	° ′			°	m
10 28	5 17.68	+25 2.5	1.385	2.198	18.9	19.2
11 7	5 15.77	+24 47.3	1.297	2.183	15.2	18.9
11 17	5 10.42	+24 24.5	1.228	2.169	10.7	18.6
11 27	5 2.24	+23 53.7	1.181	2.156	5.4	18.3
12 7	4 52.47	+23 15.9	1.159	2.144	0.4	17.9
12 17	4 42.69	+22 34.2	1.163	2.133	6.0	18.2
12 27	4 34.56	+21 53.7	1.192	2.123	11.4	18.5
1 6	4 29.31	+21 19.7	1.243	2.115	16.1	18.8
18748 1999 GV		12 6.5 256°.56	1°.3/ 6.7 18			
10 28	5 26.77	+23 22.3	1.423	2.218	19.3	18.2
11 7	5 22.91	+23 58.0	1.342	2.216	15.5	17.9
11 17	5 15.34	+24 33.1	1.279	2.214	10.9	17.6
11 27	5 4.72	+25 4.7	1.239	2.212	5.7	17.3
12 7	4 52.35	+25 29.7	1.226	2.211	1.3	17.0
12 17	4 39.95	+25 46.9	1.240	2.209	6.0	17.4
12 27	4 29.35	+25 57.9	1.280	2.207	11.3	17.7
1 6	4 21.86	+26 6.2	1.344	2.205	15.9	17.9
94097 2000 YT_{71}		12 6.5 268°.61	1°.2/ 6.2 18			
10 28	5 19.92	+19 51.9	2.178	2.957	14.0	19.2
11 7	5 15.94	+19 40.0	2.085	2.952	11.1	19.0
11 17	5 9.63	+19 26.8	2.014	2.947	7.7	18.8
11 27	5 1.55	+19 12.7	1.969	2.942	3.9	18.6
12 7	4 52.52	+18 58.8	1.953	2.937	1.2	18.4
12 17	4 43.53	+18 46.5	1.967	2.932	4.6	18.6
12 27	4 35.59	+18 37.5	2.009	2.927	8.3	18.8
1 6	4 29.51	+18 33.6	2.077	2.922	11.7	19.0
162211 1999 SE_{18}		12 6.5 137°.72	4°.0/ 7.5 18			
10 28	5 30.15	+33 34.9	2.360	3.096	14.2	20.4
11 7	5 24.02	+34 19.2	2.279	3.112	11.6	20.3
11 17	5 15.19	+34 55.8	2.221	3.127	8.6	20.1
11 27	5 4.31	+35 20.9	2.189	3.141	5.7	19.9
12 7	4 52.38	+35 31.6	2.187	3.154	4.0	19.9
12 17	4 40.61	+35 27.6	2.215	3.167	5.4	20.0
12 27	4 30.19	+35 11.3	2.273	3.179	8.2	20.2
1 6	4 22.00	+34 47.4	2.357	3.190	11.0	20.4
252116 2000 WD_{46}		12 6.5 33°.61	2°.9/ 5.8 18			
10 28	5 22.45	+19 25.0	1.224	2.039	20.7	19.9
11 7	5 19.46	+18 42.3	1.158	2.045	16.5	19.7
11 17	5 12.80	+17 56.3	1.110	2.051	11.5	19.4
11 27	5 3.31	+17 10.0	1.084	2.058	6.1	19.1
12 7	4 52.44	+16 27.0	1.083	2.066	2.9	19.0
12 17	4 41.92	+15 52.0	1.108	2.073	7.2	19.2
12 27	4 33.40	+15 28.8	1.157	2.082	12.4	19.5
1 6	4 27.98	+15 19.7	1.228	2.090	17.0	19.8
484160 2006 UV_{46}		12 6.5 2°.03	1°.3/ 6.7 17			
10 28	5 20.38	+23 58.2	1.541	2.341	17.8	21.3
11 7	5 17.46	+24 26.8	1.462	2.340	14.3	21.1
11 17	5 11.31	+24 53.4	1.402	2.339	10.0	20.8
11 27	5 2.59	+25 15.9	1.366	2.340	5.2	20.6
12 7	4 52.47	+25 32.4	1.356	2.341	1.3	20.3
12 17	4 42.41	+25 42.6	1.374	2.343	5.5	20.6
12 27	4 33.91	+25 48.3	1.417	2.346	10.2	20.9
1 6	4 28.08	+25 52.3	1.484	2.349	14.4	21.1
139651 2001 QM_{176}		12 6.5 20°.45	0°.7/ 6.4 18			
10 28	5 20.71	+21 22.8	1.709	2.503	16.6	19.8
11 7	5 17.18	+21 15.7	1.631	2.506	13.2	19.6
11 17	5 10.79	+21 6.3	1.572	2.509	9.1	19.4
11 27	5 2.20	+20 54.8	1.538	2.513	4.6	19.1
12 7	4 52.51	+20 41.9	1.532	2.517	0.8	18.9
12 17	4 42.96	+20 29.2	1.553	2.521	5.2	19.2
12 27	4 34.84	+20 19.1	1.602	2.526	9.6	19.5
1 6	4 29.08	+20 13.9	1.675	2.531	13.5	19.7
333343 2001 SE_{325}		12 6.5 86°.95	4°.3/ 5.8 18			
10 28	5 24.73	+12 38.9	1.600	2.387	17.8	20.4
11 7	5 20.18	+12 15.9	1.534	2.403	14.3	20.2
11 17	5 12.72	+11 57.9	1.489	2.418	10.2	20.0
11 27	5 3.10	+11 47.4	1.468	2.434	6.2	19.8
12 7	4 52.47	+11 46.4	1.475	2.449	4.3	19.8
12 17	4 42.15	+11 56.2	1.509	2.464	7.0	20.0
12 27	4 33.41	+12 17.0	1.570	2.479	10.9	20.2
1 6	4 27.15	+12 47.9	1.654	2.494	14.5	20.5
493418 2014 WB_{250}		12 6.5 43°.83	3°.9/ 7.7 17			
10 28	5 21.89	+34 12.9	2.328	3.080	13.9	21.6
11 7	5 17.62	+34 38.2	2.241	3.084	11.4	21.4
11 17	5 10.84	+34 54.9	2.177	3.088	8.5	21.2
11 27	5 2.16	+35 0.0	2.138	3.092	5.6	21.1
12 7	4 52.51	+34 51.8	2.127	3.096	3.9	21.0
12 17	4 42.98	+34 30.9	2.145	3.101	5.2	21.0
12 27	4 34.66	+33 59.8	2.192	3.105	8.0	21.2
1 6	4 28.39	+33 23.2	2.264	3.110	10.9	21.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
151956 2004 GV_3		12 6.5 66°.17	0°.5/ 6.6 18			
	h m	° ′			°	m
10 28	5 26.97	+24 5.6	1.412	2.206	19.5	19.6
11 7	5 22.47	+24 6.6	1.354	2.228	15.4	19.4
11 17	5 14.52	+24 2.9	1.315	2.251	10.6	19.2
11 27	5 4.03	+23 53.3	1.300	2.273	5.3	19.0
12 7	4 52.43	+23 38.0	1.311	2.296	0.5	18.7
12 17	4 41.35	+23 18.8	1.349	2.318	5.6	19.1
12 27	4 32.27	+22 59.6	1.414	2.340	10.4	19.5
1 6	4 26.17	+22 44.1	1.503	2.363	14.6	19.8
486665 2013 QZ_{77}		12 6.5 182°.10	1°.2/ 6.1 17			
10 28	5 18.99	+19 36.0	2.733	3.500	11.7	22.2
11 7	5 14.63	+19 17.1	2.639	3.500	9.3	22.0
11 17	5 8.42	+18 56.7	2.570	3.500	6.4	21.9
11 27	5 0.85	+18 35.6	2.528	3.500	3.3	21.7
12 7	4 52.60	+18 14.9	2.516	3.499	1.2	21.5
12 17	4 44.43	+17 55.9	2.535	3.499	3.9	21.7
12 27	4 37.10	+17 40.4	2.584	3.498	7.0	21.9
1 6	4 31.25	+17 29.7	2.660	3.496	9.7	22.1
76127 2000 EV_5		12 6.5 306°.54	0°.0/ 6.4 18			
10 28	5 18.95	+22 57.6	2.118	2.899	14.2	19.2
11 7	5 15.47	+22 54.9	2.014	2.882	11.4	19.0
11 17	5 9.52	+22 49.2	1.931	2.865	7.9	18.8
11 27	5 1.60	+22 40.1	1.874	2.847	4.0	18.5
12 7	4 52.57	+22 27.9	1.845	2.831	0.2	18.1
12 17	4 43.45	+22 13.7	1.846	2.814	4.5	18.5
12 27	4 35.37	+21 59.6	1.875	2.797	8.5	18.7
1 6	4 29.22	+21 48.2	1.929	2.781	12.2	18.9
139978 2001 SO_{20}		12 6.5 55°.82	0°.5/ 6.6 18			
10 28	5 22.73	+23 53.2	1.770	2.556	16.4	20.2
11 7	5 18.61	+23 59.2	1.700	2.570	13.0	20.0
11 17	5 11.66	+24 1.7	1.650	2.584	9.0	19.8
11 27	5 2.60	+23 59.6	1.625	2.598	4.6	19.5
12 7	4 52.54	+23 52.8	1.628	2.613	0.5	19.2
12 17	4 42.74	+23 42.3	1.660	2.628	4.8	19.6
12 27	4 34.43	+23 30.8	1.719	2.643	9.0	19.9
1 6	4 28.49	+23 21.2	1.803	2.658	12.7	20.2
442475 2011 UR_{309}		12 6.5 41°.70	4°.1/ 6.6 18			
10 28	5 30.03	+25 58.3	1.457	2.242	19.4	19.9
11 7	5 25.35	+27 39.9	1.395	2.261	15.6	19.6
11 17	5 16.92	+29 21.1	1.353	2.281	11.1	19.4
11 27	5 5.46	+30 54.6	1.336	2.302	6.6	19.2
12 7	4 52.39	+32 13.1	1.346	2.323	4.1	19.1
12 17	4 39.50	+33 12.2	1.384	2.345	6.8	19.4
12 27	4 28.60	+33 52.6	1.450	2.367	11.0	19.7
1 6	4 20.91	+34 19.0	1.539	2.390	14.7	20.0
445654 2011 UG_{54}		12 6.5 113°.89	3°.3/ 7.0 18			
10 28	5 27.04	+29 21.3	2.017	2.778	15.5	20.8
11 7	5 22.04	+30 14.2	1.935	2.787	12.5	20.6
11 17	5 14.12	+31 2.6	1.875	2.795	9.1	20.4
11 27	5 3.91	+31 42.4	1.841	2.804	5.5	20.2
12 7	4 52.47	+32 10.3	1.835	2.812	3.3	20.1
12 17	4 41.08	+32 25.1	1.860	2.820	5.4	20.2
12 27	4 31.08	+32 28.6	1.912	2.827	8.9	20.5
1 6	4 23.47	+32 24.5	1.991	2.835	12.2	20.7
388121 2005 UT_{463}		12 6.5 353°.54	1°.5/ 6.3 18			
10 28	5 18.93	+19 47.9	1.220	2.042	20.4	21.0
11 7	5 16.99	+19 43.7	1.146	2.037	16.3	20.7
11 17	5 11.37	+19 39.1	1.089	2.033	11.4	20.4
11 27	5 2.77	+19 34.6	1.054	2.029	5.8	20.1
12 7	4 52.53	+19 31.0	1.043	2.027	1.5	19.8
12 17	4 42.36	+19 30.0	1.057	2.026	6.6	20.2
12 27	4 34.03	+19 33.9	1.095	2.026	12.2	20.5
1 6	4 28.81	+19 44.5	1.154	2.027	17.0	20.7
293683 2007 PS_{33}		12 6.5 127°.29	6°.1/ 8.9 18			
10 28	5 30.17	+40 31.1	1.994	2.726	16.6	20.9
11 7	5 24.73	+40 52.3	1.915	2.736	13.9	20.7
11 17	5 16.00	+40 58.7	1.854	2.746	10.9	20.5
11 27	5 4.80	+40 45.2	1.818	2.755	7.9	20.4
12 7	4 52.44	+40 9.2	1.809	2.764	6.2	20.3
12 17	4 40.46	+39 12.2	1.828	2.773	7.0	20.3
12 27	4 30.32	+37 59.8	1.875	2.781	9.6	20.5
1 6	4 22.99	+36 39.9	1.948	2.789	12.6	20.7
19933 1981 EW_5		12 6.5 12°.52	5°.1/ 4.7 18			
10 28	5 18.85	+16 58.3	1.357	2.171	19.1	17.2
11 7	5 16.17	+15 25.6	1.288	2.173	15.3	17.0
11 17	5 10.29	+13 48.6	1.238	2.177	10.9	16.7
11 27	5 2.01	+12 13.5	1.213	2.181	6.7	16.5
12 7	4 52.59	+10 47.8	1.213	2.186	5.3	16.5
12 17	4 43.49	+ 9 38.4	1.239	2.192	8.4	16.7
12 27	4 36.09	+ 8 50.4	1.290	2.199	12.7	16.9
1 6	4 31.34	+ 8 24.9	1.362	2.207	16.7	17.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
340088 2005 WV_{39}			12 6.5 287°.86		0°.2/ 6.6 18	
	h m	° ′			°	m
10 28	5 23.01	+22 49.6	1.608	2.400	17.5	21.5
11 7	5 19.58	+22 56.3	1.511	2.386	14.1	21.2
11 17	5 12.90	+23 0.6	1.435	2.371	9.9	20.9
11 27	5 3.50	+23 1.2	1.382	2.356	5.0	20.6
12 7	4 52.51	+22 57.7	1.357	2.342	0.3	20.2
12 17	4 41.38	+22 50.8	1.358	2.327	5.6	20.5
12 27	4 31.68	+22 42.9	1.387	2.313	10.6	20.8
1 6	4 24.63	+22 37.3	1.439	2.299	15.1	21.0
318272 2004 SW_{60}			12 6.5 86°.29		3°.2/ 5.8 18	
10 28	5 20.46	+13 0.5	2.194	2.969	14.0	20.3
11 7	5 16.12	+12 46.9	2.118	2.980	11.2	20.1
11 17	5 9.61	+12 36.9	2.064	2.991	8.0	19.9
11 27	5 1.51	+12 32.1	2.036	3.001	4.8	19.7
12 7	4 52.63	+12 33.9	2.037	3.012	3.3	19.7
12 17	4 43.91	+12 43.0	2.068	3.023	5.4	19.8
12 27	4 36.26	+13 0.0	2.127	3.034	8.6	20.0
1 6	4 30.39	+13 24.4	2.211	3.044	11.6	20.2
442239 2011 LK_{28}			12 6.5 232°.34		1°.1/ 6.8 18	
10 28	5 25.72	+25 39.2	1.900	2.673	15.9	22.2
11 7	5 21.19	+25 46.9	1.801	2.663	12.8	22.0
11 17	5 13.68	+25 50.1	1.723	2.652	9.0	21.7
11 27	5 3.78	+25 46.8	1.670	2.641	4.7	21.4
12 7	4 52.51	+25 36.3	1.645	2.630	1.1	21.1
12 17	4 41.18	+25 19.1	1.650	2.618	5.0	21.4
12 27	4 31.17	+24 58.2	1.683	2.605	9.4	21.6
1 6	4 23.56	+24 37.5	1.742	2.592	13.4	21.8
431107 2006 GU			12 6.5 69°.68		7°.8/ 5.6 15	
10 28	5 30.16	− 0 35.8	2.140	2.866	15.7	22.5
11 7	5 23.00	− 1 29.5	2.109	2.923	13.1	22.4
11 17	5 13.81	− 2 9.9	2.101	2.978	10.5	22.3
11 27	5 3.35	− 2 33.1	2.118	3.032	8.4	22.3
12 7	4 52.56	− 2 36.6	2.164	3.084	7.8	22.4
12 17	4 42.37	− 2 20.5	2.239	3.136	8.8	22.5
12 27	4 33.62	− 1 46.5	2.342	3.185	10.6	22.7
1 6	4 26.86	− 0 58.3	2.469	3.234	12.6	23.0
295679 2008 TA_{99}			12 6.5 125°.33		0°.5/ 6.4 18	
10 28	5 20.01	+21 35.1	2.702	3.467	11.9	22.0
11 7	5 15.41	+21 27.0	2.619	3.478	9.4	21.8
11 17	5 8.95	+21 16.8	2.559	3.489	6.5	21.6
11 27	5 1.13	+21 4.8	2.527	3.499	3.2	21.5
12 7	4 52.66	+20 51.5	2.525	3.509	0.5	21.2
12 17	4 44.32	+20 38.0	2.553	3.519	3.6	21.5
12 27	4 36.90	+20 25.9	2.612	3.529	6.7	21.7
1 6	4 31.01	+20 16.7	2.699	3.538	9.5	21.9
518015 2015 VK_{110}			12 6.5 46°.64		2°.1/ 6.9 18	
10 28	5 23.54	+26 55.0	1.710	2.493	17.0	21.1
11 7	5 19.50	+27 23.1	1.641	2.508	13.6	20.9
11 17	5 12.42	+27 46.2	1.593	2.523	9.6	20.6
11 27	5 3.05	+28 1.6	1.569	2.539	5.2	20.4
12 7	4 52.57	+28 7.7	1.572	2.554	2.1	20.3
12 17	4 42.34	+28 4.8	1.604	2.571	5.2	20.5
12 27	4 33.71	+27 55.7	1.663	2.587	9.3	20.8
1 6	4 27.62	+27 44.0	1.746	2.604	13.0	21.0
269824 2000 AY_{43}			12 6.5 326°.13		4°.8/ 5.9 18	
10 28	5 18.67	+ 9 25.9	1.881	2.665	15.7	20.4
11 7	5 15.38	+ 9 17.8	1.785	2.650	12.8	20.1
11 17	5 9.55	+ 9 17.4	1.711	2.636	9.5	19.9
11 27	5 1.68	+ 9 27.2	1.661	2.621	6.2	19.7
12 7	4 52.64	+ 9 49.1	1.638	2.608	4.8	19.6
12 17	4 43.50	+10 23.6	1.643	2.595	6.9	19.7
12 27	4 35.42	+11 10.0	1.675	2.583	10.5	19.8
1 6	4 29.33	+12 6.7	1.732	2.571	13.9	20.0
271162 2003 SS_{230}			12 6.5 42°.48		5°.6/ 5.1 18	
10 28	5 18.16	+ 7 58.0	2.083	2.859	14.6	20.2
11 7	5 14.41	+ 7 14.3	2.008	2.865	11.9	20.0
11 17	5 8.49	+ 6 36.7	1.956	2.872	9.0	19.9
11 27	5 0.98	+ 6 8.8	1.928	2.879	6.4	19.7
12 7	4 52.68	+ 5 53.6	1.929	2.886	5.6	19.7
12 17	4 44.54	+ 5 52.8	1.957	2.893	7.3	19.8
12 27	4 37.46	+ 6 6.9	2.012	2.901	10.0	20.0
1 6	4 32.15	+ 6 34.6	2.091	2.908	12.7	20.2
152164 2005 NV_{100}			12 6.5 49°.12		1°.9/ 6.0 18	
10 28	5 23.51	+21 45.1	1.321	2.128	19.9	19.5
11 7	5 19.94	+20 58.5	1.259	2.141	15.8	19.3
11 17	5 12.90	+20 6.4	1.216	2.156	10.9	19.1
11 27	5 3.31	+19 10.9	1.196	2.170	5.5	18.8
12 7	4 52.57	+18 16.0	1.202	2.185	2.0	18.6
12 17	4 42.31	+17 26.5	1.234	2.201	6.5	19.0
12 27	4 34.03	+16 47.1	1.292	2.216	11.4	19.3
1 6	4 28.67	+16 20.9	1.373	2.232	15.7	19.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
256292 2006 WF_{130}			12 6.5 278°.69		1°.1/ 6.8 18	
	h m	° ′			°	m
10 28	5 22.17	+25 8.2	2.009	2.785	15.1	21.2
11 7	5 18.11	+25 21.2	1.917	2.781	12.0	21.0
11 17	5 11.38	+25 30.6	1.847	2.778	8.4	20.7
11 27	5 2.56	+25 34.9	1.802	2.774	4.4	20.5
12 7	4 52.61	+25 33.2	1.785	2.770	1.1	20.2
12 17	4 42.67	+25 26.2	1.798	2.766	4.6	20.5
12 27	4 33.95	+25 15.8	1.839	2.762	8.7	20.7
1 6	4 27.39	+25 5.2	1.906	2.758	12.3	20.9
147607 2004 GG_{43}			12 6.5 93°.70		1°.2/ 6.8 18	
10 28	5 28.38	+25 20.9	1.633	2.412	17.9	20.2
11 7	5 23.29	+25 34.0	1.566	2.432	14.2	20.0
11 17	5 14.99	+25 42.2	1.521	2.452	9.9	19.8
11 27	5 4.31	+25 43.5	1.499	2.471	5.1	19.6
12 7	4 52.53	+25 37.1	1.506	2.490	1.2	19.3
12 17	4 41.13	+25 24.1	1.541	2.509	5.2	19.7
12 27	4 31.52	+25 7.8	1.604	2.527	9.7	20.0
1 6	4 24.66	+24 52.1	1.691	2.545	13.5	20.3
217410 2005 LJ_{46}			12 6.5 123°.90		2°.8/ 5.9 18	
10 28	5 22.77	+13 52.3	2.257	3.025	13.9	21.4
11 7	5 17.87	+13 46.1	2.179	3.037	11.0	21.2
11 17	5 10.80	+13 43.2	2.123	3.049	7.8	21.0
11 27	5 2.11	+13 44.6	2.094	3.061	4.5	20.8
12 7	4 52.64	+13 51.1	2.095	3.072	2.8	20.7
12 17	4 43.32	+14 3.5	2.126	3.083	5.1	20.9
12 27	4 35.07	+14 22.0	2.186	3.093	8.3	21.1
1 6	4 28.63	+14 46.5	2.272	3.104	11.3	21.3
414932 2011 AC_{66}			12 6.5 169°.33		2°.9/ 7.6 17	
10 28	5 22.33	+32 43.1	2.549	3.298	12.9	21.2
11 7	5 17.67	+32 51.7	2.456	3.299	10.5	21.0
11 17	5 10.75	+32 52.1	2.386	3.301	7.7	20.8
11 27	5 2.12	+32 42.5	2.343	3.302	4.8	20.6
12 7	4 52.64	+32 21.9	2.328	3.303	2.9	20.5
12 17	4 43.27	+31 51.4	2.343	3.304	4.4	20.6
12 27	4 35.00	+31 13.6	2.389	3.305	7.3	20.8
1 6	4 28.58	+30 32.6	2.461	3.305	10.1	21.0
157686 2005 YM_{205}			12 6.5 52°.30		1°.1/ 6.3 18	
10 28	5 24.44	+20 54.2	1.372	2.174	19.5	20.3
11 7	5 20.52	+20 42.4	1.314	2.194	15.4	20.0
11 17	5 13.23	+20 28.5	1.275	2.214	10.6	19.8
11 27	5 3.45	+20 12.8	1.260	2.235	5.3	19.6
12 7	4 52.58	+19 56.7	1.271	2.255	1.2	19.4
12 17	4 42.18	+19 42.2	1.309	2.277	5.9	19.7
12 27	4 33.71	+19 32.1	1.372	2.298	10.7	20.1
1 6	4 28.11	+19 28.8	1.459	2.319	14.9	20.4
447016 2004 HK_{22}			12 6.5 309°.98		3°.6/ 7.1 17	
10 28	5 22.08	+29 31.6	1.694	2.478	17.1	21.3
11 7	5 19.10	+30 10.6	1.589	2.454	14.0	21.1
11 17	5 12.78	+30 44.7	1.503	2.430	10.3	20.8
11 27	5 3.58	+31 10.0	1.441	2.407	6.2	20.5
12 7	4 52.57	+31 22.9	1.405	2.384	3.6	20.3
12 17	4 41.22	+31 21.7	1.397	2.361	6.2	20.4
12 27	4 31.21	+31 8.8	1.415	2.339	10.7	20.6
1 6	4 23.92	+30 48.9	1.457	2.317	14.9	20.8
279222 2009 UC_{97}			12 6.5 10°.05		0°.4/ 6.4 17	
10 28	5 18.36	+24 31.4	1.761	2.555	16.2	20.0
11 7	5 15.25	+23 55.6	1.682	2.557	12.9	19.8
11 17	5 9.41	+23 12.8	1.624	2.560	8.9	19.6
11 27	5 1.54	+22 24.0	1.590	2.564	4.4	19.3
12 7	4 52.69	+21 31.5	1.584	2.569	0.5	19.0
12 17	4 44.06	+20 38.9	1.606	2.575	4.9	19.4
12 27	4 36.83	+19 50.6	1.656	2.581	9.3	19.7
1 6	4 31.85	+19 10.4	1.730	2.588	13.0	19.9
151624 2002 WS_{6}			12 6.5 261°.67		3°.5/ 7.0 18	
10 28	5 26.71	+28 34.8	1.599	2.380	18.1	20.3
11 7	5 22.75	+29 20.2	1.510	2.374	14.7	20.1
11 17	5 15.22	+30 1.4	1.441	2.368	10.7	19.8
11 27	5 4.74	+30 33.5	1.396	2.363	6.3	19.6
12 7	4 52.53	+30 52.8	1.378	2.357	3.5	19.4
12 17	4 40.22	+30 57.8	1.387	2.351	6.3	19.6
12 27	4 29.56	+30 50.9	1.423	2.345	10.7	19.8
1 6	4 21.85	+30 37.3	1.483	2.339	14.9	20.0
361384 2006 VL_{56}			12 6.5 31°.02		0°.5/ 6.4 18	
10 28	5 21.21	+21 39.2	1.792	2.580	16.2	20.9
11 7	5 17.47	+21 36.9	1.712	2.585	12.8	20.7
11 17	5 10.97	+21 32.3	1.654	2.589	8.9	20.5
11 27	5 2.35	+21 25.5	1.620	2.594	4.4	20.2
12 7	4 52.65	+21 16.9	1.614	2.599	0.5	19.9
12 17	4 43.10	+21 7.6	1.636	2.604	4.9	20.3
12 27	4 34.92	+21 0.0	1.686	2.609	9.2	20.5
1 6	4 29.02	+20 56.1	1.760	2.615	13.0	20.8

312347 2008 DA_3 12 6.5 82°.79 3°.3/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.00	+14 3.3	1.950	2.732	15.3	21.3
11 7	5 16.94	+13 44.1	1.869	2.735	12.2	21.1
11 17	5 10.41	+13 27.7	1.809	2.739	8.7	20.9
11 27	5 2.02	+13 16.2	1.775	2.742	5.1	20.7
12 7	4 52.67	+13 11.3	1.769	2.745	3.4	20.6
12 17	4 43.44	+13 14.1	1.791	2.749	5.9	20.7
12 27	4 35.39	+13 25.7	1.841	2.752	9.5	20.9
1 6	4 29.35	+13 46.0	1.917	2.755	12.8	21.2

3870 Mayré 12 6.5 158°.99 4°.6/ 4.9 18 R

10 28	5 21.85	+11 21.3	2.251	3.019	13.9	16.8
11 7	5 17.14	+10 25.9	2.170	3.025	11.2	16.6
11 17	5 10.29	+ 9 32.9	2.111	3.031	8.2	16.4
11 27	5 1.87	+ 8 45.5	2.079	3.036	5.5	16.2
12 7	4 52.69	+ 8 7.0	2.076	3.040	4.7	16.2
12 17	4 43.66	+ 7 40.3	2.103	3.044	6.5	16.3
12 27	4 35.70	+ 7 26.8	2.158	3.047	9.4	16.5
1 6	4 29.48	+ 7 26.6	2.238	3.050	12.2	16.7

401708 2013 HA_{69} 12 6.6 15°.11 2°.7/ 7.2 18

10 28	5 21.96	+29 2.1	1.727	2.510	16.9	21.1
11 7	5 18.44	+29 20.6	1.647	2.513	13.6	20.9
11 17	5 11.84	+29 31.9	1.586	2.515	9.7	20.6
11 27	5 2.86	+29 33.4	1.550	2.518	5.5	20.4
12 7	4 52.64	+29 23.8	1.541	2.522	2.7	20.2
12 17	4 42.56	+29 3.9	1.560	2.526	5.4	20.4
12 27	4 34.01	+28 37.1	1.605	2.530	9.5	20.7
1 6	4 28.01	+28 8.3	1.675	2.535	13.3	20.9

117754 2005 GA_{54} 12 6.6 246°.65 2°.7/ 7.1 18

10 28	5 24.95	+29 19.6	2.136	2.898	14.7	20.3
11 7	5 20.41	+29 46.2	2.032	2.885	12.0	20.1
11 17	5 13.09	+30 7.5	1.950	2.872	8.7	19.8
11 27	5 3.51	+30 20.5	1.893	2.858	5.1	19.6
12 7	4 52.62	+30 23.2	1.865	2.844	2.7	19.4
12 17	4 41.61	+30 15.1	1.867	2.830	5.0	19.5
12 27	4 31.76	+29 58.5	1.897	2.815	8.7	19.7
1 6	4 24.12	+29 37.4	1.953	2.800	12.3	19.9

10335 1991 PG_9 12 6.6 100°.20 4°.2/ 5.3 18

10 28	5 21.21	+12 10.1	2.109	2.883	14.5	18.4
11 7	5 16.72	+11 27.0	2.037	2.898	11.6	18.3
11 17	5 10.02	+10 47.0	1.988	2.912	8.4	18.1
11 27	5 1.73	+10 12.9	1.965	2.926	5.4	17.9
12 7	4 52.72	+ 9 47.4	1.971	2.940	4.3	17.9
12 17	4 43.92	+ 9 32.7	2.006	2.954	6.3	18.0
12 27	4 36.28	+ 9 29.8	2.069	2.967	9.3	18.3
1 6	4 30.48	+ 9 38.7	2.157	2.980	12.2	18.5

159336 2006 DD_{79} 12 6.6 94°.12 1°.1/ 6.2 18

10 28	5 20.23	+19 54.6	2.426	3.197	12.9	20.8
11 7	5 15.77	+19 38.5	2.349	3.211	10.2	20.6
11 17	5 9.28	+19 21.0	2.295	3.226	7.0	20.5
11 27	5 1.35	+19 2.8	2.268	3.240	3.6	20.3
12 7	4 52.74	+18 44.9	2.271	3.254	1.2	20.1
12 17	4 44.31	+18 28.8	2.304	3.268	4.1	20.4
12 27	4 36.91	+18 16.2	2.367	3.282	7.4	20.6
1 6	4 31.18	+18 8.5	2.456	3.296	10.3	20.8

381367 2008 EM_{79} 12 6.6 316°.88 3°.3/ 5.9 18

10 28	5 21.40	+17 33.8	1.327	2.138	19.6	21.4
11 7	5 18.68	+17 1.2	1.245	2.129	15.8	21.1
11 17	5 12.44	+16 27.6	1.181	2.121	11.2	20.8
11 27	5 3.34	+15 55.5	1.140	2.113	6.1	20.5
12 7	4 52.64	+15 28.2	1.124	2.105	3.3	20.3
12 17	4 41.95	+15 8.9	1.133	2.097	7.3	20.5
12 27	4 32.95	+15 1.0	1.167	2.090	12.5	20.8
1 6	4 26.89	+15 5.9	1.223	2.084	17.1	21.0

92510 2000 NH_{19} 12 6.6 163°.48 0°.5/ 6.7 18

10 28	5 26.21	+24 25.4	2.075	2.842	15.0	20.9
11 7	5 21.06	+24 27.6	1.989	2.848	11.9	20.7
11 17	5 13.27	+24 25.8	1.924	2.853	8.3	20.5
11 27	5 3.47	+24 19.0	1.885	2.857	4.2	20.2
12 7	4 52.64	+24 6.9	1.876	2.861	0.6	20.0
12 17	4 41.94	+23 50.6	1.897	2.864	4.5	20.3
12 27	4 32.54	+23 32.7	1.947	2.866	8.5	20.5
1 6	4 25.32	+23 16.3	2.023	2.868	12.0	20.7

172207 2002 QN_{68} 12 6.6 34°.79 2°.6/ 7.2 18

10 28	5 23.70	+28 57.9	1.771	2.549	16.7	20.3
11 7	5 19.75	+29 16.1	1.689	2.552	13.5	20.1
11 17	5 12.73	+29 27.4	1.626	2.554	9.6	19.8
11 27	5 3.32	+29 28.9	1.589	2.556	5.5	19.6
12 7	4 52.65	+29 19.4	1.578	2.559	2.6	19.4
12 17	4 42.11	+28 59.5	1.596	2.562	5.3	19.6
12 27	4 33.10	+28 32.7	1.641	2.565	9.4	19.8
1 6	4 26.63	+28 3.7	1.711	2.567	13.2	20.1

192984 2000 DM_{64} 12 6.6 251°.80 2°.3/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.68	+16 5.5	2.677	3.446	11.9	20.8
11 7	5 14.55	+15 41.1	2.571	3.431	9.5	20.7
11 17	5 8.52	+15 16.7	2.489	3.417	6.7	20.5
11 27	5 1.04	+14 53.9	2.434	3.402	3.8	20.2
12 7	4 52.76	+14 34.0	2.408	3.386	2.3	20.1
12 17	4 44.45	+14 18.8	2.413	3.371	4.6	20.2
12 27	4 36.92	+14 9.7	2.448	3.355	7.6	20.4
1 6	4 30.85	+14 7.7	2.509	3.339	10.5	20.6

157282 2004 RH_{258} 12 6.6 189°.17 1°.4/ 6.2 18

10 28	5 24.62	+20 6.4	2.070	2.842	14.8	21.5
11 7	5 19.77	+19 45.8	1.979	2.842	11.8	21.3
11 17	5 12.37	+19 23.0	1.909	2.840	8.2	21.0
11 27	5 3.03	+18 58.6	1.866	2.839	4.2	20.8
12 7	4 52.68	+18 33.9	1.852	2.836	1.4	20.6
12 17	4 42.40	+18 10.9	1.869	2.833	4.9	20.8
12 27	4 33.34	+17 52.0	1.914	2.829	8.9	21.1
1 6	4 26.34	+17 39.5	1.985	2.825	12.4	21.3

22577 Alfiuccio 12 6.6 99°.63 0°.4/ 6.6 18

10 28	5 28.21	+23 5.9	1.562	2.346	18.3	18.6
11 7	5 23.34	+23 18.6	1.493	2.362	14.6	18.4
11 17	5 15.16	+23 28.5	1.445	2.378	10.1	18.1
11 27	5 4.49	+23 34.0	1.421	2.394	5.1	17.9
12 7	4 52.61	+23 34.4	1.424	2.409	0.5	17.6
12 17	4 41.05	+23 30.3	1.456	2.424	5.4	18.0
12 27	4 31.29	+23 24.4	1.515	2.438	10.1	18.3
1 6	4 24.34	+23 19.9	1.598	2.452	14.1	18.6

315685 2008 EJ_{29} 12 6.6 294°.68 3°.6/ 7.2 17

10 28	5 23.37	+30 16.5	1.938	2.708	15.7	21.1
11 7	5 19.60	+30 56.8	1.835	2.692	12.9	20.8
11 17	5 12.80	+31 32.0	1.753	2.675	9.4	20.6
11 27	5 3.49	+31 58.2	1.695	2.658	5.8	20.3
12 7	4 52.65	+32 12.4	1.665	2.642	3.6	20.2
12 17	4 41.60	+32 13.3	1.664	2.626	5.7	20.3
12 27	4 31.80	+32 2.8	1.690	2.609	9.6	20.5
1 6	4 24.41	+31 45.3	1.741	2.593	13.3	20.6

33564 Miriamshira 12 6.6 156°.30 2°.1/ 6.9 18

10 28	5 26.41	+27 26.7	1.897	2.666	16.1	18.8
11 7	5 21.65	+27 49.6	1.812	2.671	12.9	18.6
11 17	5 13.92	+28 7.4	1.748	2.675	9.2	18.4
11 27	5 3.89	+28 17.4	1.710	2.678	5.0	18.1
12 7	4 52.64	+28 18.0	1.699	2.681	2.1	17.9
12 17	4 41.49	+28 9.4	1.718	2.684	5.0	18.1
12 27	4 31.78	+27 54.2	1.766	2.687	9.1	18.4
1 6	4 24.51	+27 36.6	1.839	2.689	12.8	18.6

29836 1999 FB_4 12 6.6 98°.51 2°.6/ 5.9 18

10 28	5 21.72	+16 14.8	2.015	2.795	14.9	19.7
11 7	5 17.37	+15 53.5	1.939	2.805	11.9	19.5
11 17	5 10.62	+15 33.2	1.884	2.815	8.3	19.3
11 27	5 2.10	+15 15.4	1.855	2.825	4.6	19.1
12 7	4 52.73	+15 1.9	1.855	2.835	2.6	19.0
12 17	4 43.54	+14 54.1	1.884	2.844	5.3	19.2
12 27	4 35.55	+14 53.6	1.941	2.854	8.9	19.4
1 6	4 29.55	+15 0.8	2.024	2.863	12.2	19.6

264367 2000 CZ_{104} 12 6.6 233°.89 4°.1/ 7.9 17

10 28	5 22.90	+35 38.6	2.402	3.147	13.7	21.1
11 7	5 18.46	+36 0.1	2.309	3.145	11.3	20.9
11 17	5 11.50	+36 12.1	2.237	3.143	8.6	20.7
11 27	5 2.60	+36 11.7	2.191	3.142	5.8	20.5
12 7	4 52.70	+35 57.0	2.173	3.140	4.2	20.4
12 17	4 42.89	+35 28.5	2.185	3.139	5.3	20.5
12 27	4 34.27	+34 49.2	2.225	3.137	8.0	20.7
1 6	4 27.70	+34 3.7	2.292	3.135	10.8	20.9

488963 2005 UM_{254} 12 6.6 24°.43 1°.3/ 6.4 16

10 28	5 20.79	+20 8.8	1.153	1.976	21.3	21.0
11 7	5 18.42	+20 6.2	1.094	1.985	16.9	20.8
11 17	5 12.26	+20 2.8	1.053	1.996	11.7	20.5
11 27	5 3.18	+19 59.2	1.033	2.008	5.9	20.2
12 7	4 52.68	+19 55.9	1.037	2.021	1.3	20.0
12 17	4 42.55	+19 54.5	1.066	2.035	6.5	20.4
12 27	4 34.50	+19 57.3	1.119	2.050	11.9	20.7
1 6	4 29.64	+20 6.3	1.193	2.066	16.6	21.0

107946 2001 FY_{117} 12 6.6 100°.08 5°.1/ 5.1 18

10 28	5 22.57	+10 30.1	2.020	2.792	15.1	19.6
11 7	5 17.81	+ 9 34.3	1.954	2.811	12.2	19.4
11 17	5 10.77	+ 8 42.6	1.910	2.830	9.0	19.3
11 27	5 2.11	+ 7 58.7	1.893	2.848	6.1	19.1
12 7	4 52.74	+ 7 25.9	1.904	2.866	5.2	19.1
12 17	4 43.65	+ 7 6.8	1.944	2.884	7.0	19.3
12 27	4 35.81	+ 7 2.4	2.011	2.901	9.9	19.5
1 6	4 29.90	+ 7 11.9	2.103	2.918	12.7	19.7

250672 2005 ON_{21} 12 6.6 81.°95 0.°0/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.26	+22 47.9	1.988	2.767	15.1	21.0
11 7	5 18.00	+22 48.1	1.908	2.775	12.0	20.8
11 17	5 11.18	+22 45.4	1.850	2.783	8.3	20.6
11 27	5 2.43	+22 39.4	1.818	2.791	4.2	20.4
12 7	4 52.72	+22 30.3	1.814	2.799	0.2	20.1
12 17	4 43.17	+22 19.3	1.839	2.807	4.5	20.5
12 27	4 34.90	+22 8.4	1.893	2.815	8.5	20.7
1 6	4 28.75	+22 0.2	1.972	2.823	12.0	21.0

258473 2001 YW_{160} 12 6.6 164.°64 0.°9/ 6.3 18

10 28	5 21.47	+21 15.5	2.216	2.990	13.9	21.2
11 7	5 17.09	+20 56.6	2.128	2.992	11.0	21.0
11 17	5 10.41	+20 34.9	2.062	2.994	7.6	20.8
11 27	5 2.01	+20 11.0	2.023	2.996	3.9	20.6
12 7	4 52.74	+19 46.0	2.013	2.997	0.9	20.4
12 17	4 43.59	+19 21.9	2.033	2.999	4.4	20.6
12 27	4 35.54	+19 0.8	2.082	3.000	8.1	20.8
1 6	4 29.37	+18 45.1	2.157	3.001	11.4	21.1

107914 2001 FU_{100} 12 6.6 158.°80 6.°2/ 4.8 18

10 28	5 21.56	+ 5 46.3	2.216	2.976	14.3	20.8
11 7	5 16.94	+ 4 54.8	2.138	2.982	11.8	20.6
11 17	5 10.19	+ 4 9.8	2.081	2.987	9.1	20.5
11 27	5 1.86	+ 3 35.6	2.051	2.992	6.9	20.4
12 7	4 52.75	+ 3 15.3	2.048	2.996	6.3	20.3
12 17	4 43.77	+ 3 11.0	2.075	3.000	7.7	20.4
12 27	4 35.84	+ 3 23.1	2.128	3.003	10.2	20.6
1 6	4 29.64	+ 3 50.1	2.207	3.006	12.8	20.8

394166 2006 QQ_{92} 12 6.6 113.°28 0.°3/ 6.5 18

10 28	5 24.69	+23 2.0	2.190	2.957	14.3	21.6
11 7	5 19.48	+22 45.0	2.116	2.976	11.3	21.4
11 17	5 11.93	+22 24.2	2.064	2.994	7.7	21.2
11 27	5 2.70	+21 59.7	2.039	3.012	3.9	21.0
12 7	4 52.73	+21 32.6	2.044	3.029	0.4	20.7
12 17	4 43.03	+21 4.7	2.080	3.046	4.2	21.1
12 27	4 34.60	+20 38.8	2.145	3.062	7.9	21.3
1 6	4 28.15	+20 17.2	2.236	3.078	11.1	21.6

455959 2005 VW_{21} 12 6.6 13.°44 1.°2/ 6.3 18

10 28	5 20.40	+19 41.6	1.947	2.732	15.2	21.6
11 7	5 16.62	+19 34.9	1.862	2.733	12.1	21.4
11 17	5 10.29	+19 27.4	1.799	2.734	8.4	21.1
11 27	5 2.03	+19 19.5	1.762	2.735	4.3	20.9
12 7	4 52.75	+19 12.0	1.752	2.737	1.2	20.7
12 17	4 43.57	+19 6.2	1.772	2.738	4.9	20.9
12 27	4 35.59	+19 3.7	1.820	2.740	8.9	21.2
1 6	4 29.68	+19 6.0	1.892	2.742	12.5	21.4

127167 2002 GP_{150} 12 6.6 132.°07 0.°3/ 6.7 18

10 28	5 21.49	+24 7.4	2.561	3.324	12.5	21.1
11 7	5 16.77	+24 4.0	2.477	3.334	9.9	20.9
11 17	5 10.01	+23 57.0	2.415	3.344	6.9	20.7
11 27	5 1.75	+23 46.3	2.381	3.353	3.5	20.5
12 7	4 52.77	+23 32.0	2.377	3.362	0.3	20.3
12 17	4 43.93	+23 15.2	2.404	3.371	3.7	20.6
12 27	4 36.09	+22 57.9	2.460	3.379	7.0	20.8
1 6	4 29.93	+22 42.2	2.544	3.387	9.9	21.0

479436 2013 YD_{100} 12 6.6 318.°27 0.°7/ 6.4 18

10 28	5 21.14	+21 9.0	1.371	2.180	19.2	21.3
11 7	5 18.61	+21 10.1	1.282	2.166	15.5	21.0
11 17	5 12.53	+21 9.8	1.213	2.153	10.8	20.7
11 27	5 3.48	+21 7.7	1.165	2.140	5.5	20.3
12 7	4 52.68	+21 4.0	1.143	2.128	0.8	20.0
12 17	4 41.76	+20 59.7	1.147	2.117	6.2	20.3
12 27	4 32.47	+20 57.5	1.176	2.106	11.7	20.6
1 6	4 26.13	+21 0.2	1.228	2.096	16.6	20.8

253462 2003 SR_{13} 12 6.6 126.°42 3.°0/ 7.2 18

10 28	5 31.32	+29 37.6	1.690	2.456	17.9	21.2
11 7	5 25.81	+30 2.9	1.617	2.472	14.4	21.0
11 17	5 16.90	+30 20.7	1.564	2.487	10.3	20.8
11 27	5 5.39	+30 27.0	1.535	2.501	5.9	20.6
12 7	4 52.62	+30 19.7	1.534	2.514	3.0	20.4
12 17	4 40.16	+29 59.6	1.563	2.527	5.7	20.6
12 27	4 29.55	+29 30.7	1.619	2.539	9.8	20.9
1 6	4 21.84	+28 58.8	1.700	2.550	13.6	21.2

10767 Toyomasu 12 6.6 69.°58 1.°0/ 6.7 18

10 28	5 28.33	+23 42.0	1.303	2.102	20.6	17.1
11 7	5 24.07	+24 6.2	1.242	2.119	16.4	16.9
11 17	5 16.01	+24 27.5	1.200	2.136	11.4	16.6
11 27	5 5.02	+24 43.2	1.180	2.154	5.8	16.4
12 7	4 52.64	+24 51.6	1.186	2.171	1.1	16.1
12 17	4 40.67	+24 53.0	1.220	2.189	6.0	16.5
12 27	4 30.86	+24 50.3	1.279	2.206	11.2	16.8
1 6	4 24.31	+24 47.8	1.360	2.224	15.6	17.2

45240 1999 XL_{233} 12 6.6 144.°39 6.°7/ 5.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.33	+ 3 52.7	2.182	2.938	14.6	19.2
11 7	5 17.55	+ 3 8.0	2.108	2.947	12.2	19.0
11 17	5 10.61	+ 2 31.8	2.055	2.956	9.5	18.8
11 27	5 2.08	+ 2 8.2	2.028	2.964	7.3	18.7
12 7	4 52.77	+ 2 0.3	2.029	2.971	6.7	18.7
12 17	4 43.62	+ 2 9.4	2.058	2.978	8.1	18.8
12 27	4 35.55	+ 2 35.3	2.114	2.985	10.4	19.0
1 6	4 29.26	+ 3 16.0	2.195	2.991	12.9	19.1

472403 2015 BE_{227} 12 6.6 153.°16 1.°7/ 6.9 16

10 28	5 30.11	+26 18.2	1.676	2.449	17.7	22.5
11 7	5 24.89	+26 34.9	1.596	2.457	14.2	22.3
11 17	5 16.33	+26 46.5	1.536	2.465	10.0	22.0
11 27	5 5.15	+26 50.3	1.501	2.472	5.3	21.8
12 7	4 52.63	+26 44.7	1.494	2.478	1.7	21.6
12 17	4 40.30	+26 30.4	1.516	2.483	5.4	21.8
12 27	4 29.68	+26 10.8	1.566	2.488	10.0	22.1
1 6	4 21.88	+25 50.5	1.640	2.491	14.0	22.4

520428 2014 JK_{91} 12 6.6 146.°99 1.°8/ 5.8 18

10 28	5 22.04	+19 12.6	2.478	3.244	12.8	21.6
11 7	5 17.14	+18 31.6	2.393	3.253	10.1	21.4
11 17	5 10.22	+17 48.3	2.332	3.261	7.0	21.2
11 27	5 1.85	+17 4.2	2.299	3.270	3.7	21.0
12 7	4 52.80	+16 21.4	2.296	3.277	1.9	20.9
12 17	4 43.93	+15 42.4	2.324	3.284	4.5	21.1
12 27	4 36.08	+15 9.6	2.382	3.291	7.7	21.3
1 6	4 29.91	+14 44.9	2.466	3.297	10.6	21.5

329898 2005 GE_{137} 12 6.6 297.°03 2.°1/ 6.1 18

10 28	5 23.52	+19 8.0	1.416	2.218	19.0	21.2
11 7	5 20.14	+18 47.6	1.334	2.214	15.3	20.9
11 17	5 13.33	+18 25.7	1.272	2.210	10.7	20.6
11 27	5 3.77	+18 3.7	1.232	2.206	5.6	20.3
12 7	4 52.71	+17 43.4	1.219	2.202	2.2	20.1
12 17	4 41.71	+17 27.3	1.232	2.198	6.5	20.4
12 27	4 32.39	+17 18.3	1.271	2.194	11.6	20.6
1 6	4 25.93	+17 18.7	1.332	2.191	16.1	20.9

168424 1998 QG_{104} 12 6.6 27.°48 4.°5/ 7.3 18

10 28	5 23.26	+30 6.3	1.297	2.099	20.5	19.6
11 7	5 20.39	+30 58.0	1.239	2.114	16.5	19.4
11 17	5 13.65	+31 41.6	1.199	2.130	12.0	19.2
11 27	5 3.91	+32 11.8	1.181	2.147	7.3	19.0
12 7	4 52.70	+32 24.8	1.188	2.165	4.5	18.8
12 17	4 41.88	+32 20.6	1.220	2.184	6.9	19.0
12 27	4 33.19	+32 3.4	1.277	2.204	11.2	19.3
1 6	4 27.80	+31 39.8	1.357	2.225	15.2	19.6

490974 2011 EZ_{35} 12 6.6 238.°82 4.°6/ 7.9 18

10 28	5 23.55	+36 51.1	2.626	3.360	12.9	21.8
11 7	5 18.91	+37 28.8	2.526	3.354	10.8	21.6
11 17	5 11.83	+37 58.1	2.449	3.347	8.3	21.4
11 27	5 2.82	+38 15.4	2.397	3.340	5.9	21.3
12 7	4 52.75	+38 18.5	2.374	3.333	4.6	21.2
12 17	4 42.65	+38 6.6	2.380	3.326	5.5	21.2
12 27	4 33.61	+37 42.0	2.415	3.318	7.9	21.4
1 6	4 26.50	+37 8.8	2.476	3.311	10.4	21.5

151870 2003 JG_{2} 12 6.6 122.°59 0.°8/ 6.4 18

10 28	5 21.34	+20 22.2	2.241	3.014	13.8	20.6
11 7	5 16.96	+20 17.9	2.156	3.020	10.9	20.5
11 17	5 10.32	+20 12.4	2.094	3.026	7.5	20.3
11 27	5 1.99	+20 5.8	2.059	3.031	3.8	20.0
12 7	4 52.81	+19 58.8	2.052	3.037	0.9	19.8
12 17	4 43.74	+19 52.3	2.076	3.042	4.3	20.1
12 27	4 35.75	+19 47.8	2.129	3.047	7.9	20.3
1 6	4 29.60	+19 47.0	2.208	3.052	11.1	20.5

281178 2007 EG_{76} 12 6.6 206.°72 1.°1/ 6.8 18

10 28	5 25.55	+25 51.9	1.849	2.624	16.2	22.0
11 7	5 21.06	+25 54.5	1.757	2.621	13.0	21.8
11 17	5 13.60	+25 51.6	1.687	2.617	9.2	21.5
11 27	5 3.80	+25 41.9	1.642	2.613	4.8	21.3
12 7	4 52.73	+25 24.8	1.625	2.609	1.1	21.0
12 17	4 41.72	+25 1.5	1.637	2.604	4.9	21.3
12 27	4 32.11	+24 35.4	1.677	2.599	9.4	21.5
1 6	4 24.94	+24 10.4	1.742	2.594	13.3	21.7

108173 2001 HB_{11} 12 6.6 164.°25 3.°9/ 5.1 18

10 28	5 22.03	+13 44.6	2.255	3.025	13.8	20.5
11 7	5 17.33	+12 48.0	2.171	3.030	11.1	20.3
11 17	5 10.48	+11 51.8	2.110	3.034	8.0	20.1
11 27	5 2.03	+10 59.2	2.076	3.037	5.1	19.9
12 7	4 52.82	+10 13.3	2.071	3.040	4.0	19.9
12 17	4 43.76	+ 9 37.2	2.096	3.043	6.1	20.0
12 27	4 35.75	+ 9 13.1	2.150	3.045	9.1	20.2
1 6	4 29.52	+ 9 1.7	2.229	3.047	12.0	20.4

487938 2015 TU_{220} 12 6.6 58.°52 3.°2/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.43	+30 7.8	1.869	2.640	16.2	21.2
11 7	5 20.25	+30 39.2	1.786	2.644	13.1	21.0
11 17	5 13.07	+31 3.9	1.724	2.648	9.5	20.8
11 27	5 3.54	+31 18.6	1.687	2.651	5.7	20.6
12 7	4 52.76	+31 20.9	1.677	2.655	3.2	20.5
12 17	4 42.08	+31 11.0	1.696	2.659	5.5	20.6
12 27	4 32.87	+30 51.7	1.743	2.663	9.2	20.8
1 6	4 26.14	+30 27.6	1.814	2.667	12.8	21.1

35849 1999 JK_{62} 12 6.6 184.°80 1.°1/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.68	+19 52.6	1.816	2.590	16.5	19.8
11 7	5 22.65	+19 51.9	1.727	2.591	13.2	19.6
11 17	5 14.65	+19 50.5	1.660	2.591	9.2	19.4
11 27	5 4.33	+19 48.3	1.618	2.590	4.7	19.1
12 7	4 52.74	+19 45.5	1.604	2.589	1.1	18.9
12 17	4 41.20	+19 42.8	1.620	2.586	5.3	19.1
12 27	4 31.07	+19 42.2	1.665	2.583	9.7	19.4
1 6	4 23.36	+19 45.7	1.735	2.579	13.7	19.6

515785 2015 KC_{154} 12 6.6 134.°13 0.°4/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.53	+21 35.4	1.984	2.754	15.4	22.3
11 7	5 21.31	+21 35.6	1.905	2.767	12.2	22.1
11 17	5 13.45	+21 33.7	1.849	2.779	8.5	21.9
11 27	5 3.61	+21 29.4	1.818	2.791	4.2	21.7
12 7	4 52.79	+21 22.8	1.817	2.802	0.5	21.4
12 17	4 42.18	+21 14.8	1.846	2.812	4.6	21.8
12 27	4 32.93	+21 7.6	1.904	2.822	8.7	22.0
1 6	4 25.89	+21 3.3	1.987	2.832	12.2	22.3

202309 2005 ER_{4} 12 6.6 17.°23 5.°3/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.43	+ 8 44.9	2.081	2.860	14.5	20.0
11 7	5 13.95	+ 8 4.1	2.003	2.863	11.8	19.8
11 17	5 8.28	+ 7 28.8	1.947	2.866	8.9	19.6
11 27	5 1.01	+ 7 2.6	1.917	2.870	6.2	19.5
12 7	4 52.92	+ 6 48.2	1.913	2.874	5.4	19.4
12 17	4 44.95	+ 6 47.6	1.938	2.878	7.1	19.6
12 27	4 38.03	+ 7 1.2	1.990	2.883	9.9	19.7
1 6	4 32.86	+ 7 27.8	2.066	2.888	12.7	19.9

145204 2005 JT_{34} 12 6.6 170.°97 3.°9/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.99	+14 14.2	1.681	2.465	17.2	20.5
11 7	5 20.56	+13 43.9	1.600	2.468	13.9	20.3
11 17	5 13.21	+13 16.0	1.540	2.470	9.9	20.0
11 27	5 3.60	+12 53.1	1.504	2.471	5.9	19.8
12 7	4 52.81	+12 37.8	1.496	2.472	4.0	19.7
12 17	4 42.14	+12 32.0	1.516	2.473	6.8	19.9
12 27	4 32.92	+12 37.4	1.563	2.473	10.9	20.1
1 6	4 26.10	+12 54.1	1.634	2.473	14.7	20.4

81265 2000 FH_{45} 12 6.6 159.°73 7.°8/ 4.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.11	+ 2 41.9	2.012	2.775	15.5	19.8
11 7	5 16.10	+ 1 40.1	1.935	2.777	13.0	19.6
11 17	5 9.80	+ 0 47.3	1.880	2.778	10.4	19.5
11 27	5 1.78	+ 0 8.8	1.849	2.779	8.4	19.3
12 7	4 52.90	− 0 11.1	1.845	2.780	7.9	19.3
12 17	4 44.12	− 0 10.2	1.868	2.781	9.3	19.4
12 27	4 36.44	+ 0 11.7	1.917	2.781	11.6	19.5
1 6	4 30.61	+ 0 52.0	1.989	2.782	14.2	19.7

40071 1998 KL_{59} 12 6.6 181.°30 2.°5/ 6.0 18 A

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.96	+15 13.0	2.281	3.047	13.8	19.8
11 7	5 18.98	+15 3.2	2.190	3.048	11.0	19.6
11 17	5 11.73	+14 55.4	2.122	3.049	7.8	19.4
11 27	5 2.75	+14 50.6	2.081	3.049	4.4	19.2
12 7	4 52.87	+14 49.9	2.069	3.048	2.5	19.1
12 17	4 43.04	+14 54.1	2.088	3.047	5.0	19.2
12 27	4 34.23	+15 4.1	2.136	3.045	8.4	19.4
1 6	4 27.24	+15 20.3	2.210	3.042	11.6	19.6

22078 2000 AF_{149} 12 6.6 86.°73 6.°3/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.77	+ 6 1.4	1.848	2.617	16.5	18.2
11 7	5 18.99	+ 5 28.3	1.787	2.637	13.5	18.0
11 17	5 11.74	+ 5 4.4	1.746	2.657	10.2	17.9
11 27	5 2.71	+ 4 53.5	1.730	2.677	7.4	17.8
12 7	4 52.88	+ 4 58.1	1.741	2.696	6.4	17.7
12 17	4 43.34	+ 5 19.0	1.780	2.715	8.0	17.9
12 27	4 35.15	+ 5 55.1	1.846	2.734	10.8	18.1
1 6	4 29.05	+ 6 43.9	1.936	2.752	13.6	18.3

24901 1997 AV_{20} 12 6.6 45.°85 7.°1/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.10	+ 7 38.8	1.370	2.167	19.8	19.0
11 7	5 19.55	+ 7 1.3	1.304	2.173	16.3	18.7
11 17	5 12.74	+ 6 33.8	1.256	2.179	12.3	18.5
11 27	5 3.42	+ 6 21.5	1.230	2.186	8.6	18.3
12 7	4 52.85	+ 6 28.0	1.230	2.193	7.2	18.3
12 17	4 42.50	+ 6 54.5	1.254	2.200	9.4	18.4
12 27	4 33.83	+ 7 39.9	1.304	2.208	13.1	18.7
1 6	4 27.88	+ 8 40.5	1.376	2.216	16.8	18.9

367457 2008 UW_{274} 12 6.6 77.°84 0.°3/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.32	+23 59.0	2.566	3.325	12.6	21.6
11 7	5 18.00	+23 59.0	2.504	3.359	9.9	21.5
11 17	5 10.73	+23 55.7	2.465	3.393	6.8	21.3
11 27	5 2.10	+23 48.8	2.454	3.426	3.4	21.2
12 7	4 52.92	+23 38.4	2.473	3.458	0.3	20.9
12 17	4 44.04	+23 25.6	2.523	3.490	3.5	21.3
12 27	4 36.26	+23 12.2	2.604	3.522	6.7	21.5
1 6	4 30.18	+23 0.2	2.711	3.553	9.4	21.7

67964 2000 WJ_{178} 12 6.6 186.°16 1.°5/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.93	+29 25.0	2.109	2.869	14.9	19.5
11 7	5 20.92	+29 4.2	2.016	2.869	12.0	19.3
11 17	5 13.24	+28 34.2	1.945	2.869	8.5	19.1
11 27	5 3.54	+27 53.8	1.899	2.868	4.6	18.9
12 7	4 52.85	+27 3.6	1.883	2.867	1.5	18.7
12 17	4 42.35	+26 6.2	1.898	2.865	4.5	18.9
12 27	4 33.19	+25 6.3	1.942	2.862	8.4	19.1
1 6	4 26.25	+24 8.8	2.012	2.860	11.9	19.3

509680 2008 MF_{2} 12 6.6 172.°02 3.°8/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.01	+13 25.2	1.784	2.563	16.6	22.0
11 7	5 20.43	+13 4.4	1.701	2.565	13.3	21.8
11 17	5 13.05	+12 47.1	1.639	2.567	9.6	21.5
11 27	5 3.52	+12 35.6	1.603	2.569	5.7	21.3
12 7	4 52.86	+12 31.8	1.594	2.570	3.8	21.2
12 17	4 42.29	+12 37.1	1.614	2.570	6.5	21.4
12 27	4 33.07	+12 52.4	1.661	2.570	10.4	21.6
1 6	4 26.13	+13 17.3	1.733	2.570	14.1	21.8

191635 2004 PD_{5} 12 6.6 49.°37 1.°4/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.26	+22 3.5	1.433	2.234	18.9	19.5
11 7	5 19.63	+21 25.5	1.366	2.245	15.0	19.3
11 17	5 12.71	+20 42.3	1.319	2.257	10.4	19.0
11 27	5 3.36	+19 55.5	1.295	2.269	5.2	18.8
12 7	4 52.87	+19 8.0	1.298	2.282	1.5	18.6
12 17	4 42.77	+18 23.8	1.328	2.295	6.0	18.9
12 27	4 34.48	+17 47.5	1.384	2.308	10.8	19.2
1 6	4 28.94	+17 22.1	1.463	2.321	15.0	19.5

405509 2005 BT_{7} 12 6.6 346.°54 2.°6/ 7.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.42	+28 18.3	1.537	2.340	17.7	20.3
11 7	5 14.65	+28 35.0	1.448	2.326	14.4	20.0
11 17	5 9.66	+28 44.6	1.378	2.313	10.3	19.8
11 27	5 2.04	+28 44.7	1.331	2.301	5.8	19.5
12 7	4 52.92	+28 34.0	1.309	2.291	2.6	19.3
12 17	4 43.76	+28 13.1	1.314	2.282	5.7	19.4
12 27	4 36.10	+27 45.7	1.344	2.275	10.4	19.7
1 6	4 31.11	+27 16.7	1.397	2.269	14.6	19.9

218105 2002 NN_{62} 12 6.6 84.°68 0.°7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.00	+24 48.9	1.506	2.289	19.0	21.2
11 7	5 24.72	+24 50.5	1.447	2.314	15.0	21.0
11 17	5 16.08	+24 46.9	1.407	2.340	10.4	20.8
11 27	5 4.97	+24 36.5	1.393	2.365	5.3	20.5
12 7	4 52.82	+24 19.3	1.405	2.390	0.7	20.3
12 17	4 41.21	+23 57.2	1.446	2.414	5.4	20.7
12 27	4 31.59	+23 34.2	1.514	2.438	10.0	21.0
1 6	4 24.88	+23 14.4	1.606	2.461	14.0	21.3

393602 2003 UV_{229} 12 6.6 22.°89 5.°6/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.69	+31 32.3	1.391	2.182	19.8	20.1
11 7	5 21.63	+32 43.9	1.323	2.190	16.2	19.9
11 17	5 14.70	+33 48.5	1.274	2.199	12.0	19.7
11 27	5 4.62	+34 39.4	1.248	2.208	7.9	19.5
12 7	4 52.84	+35 11.0	1.247	2.218	5.6	19.4
12 17	4 41.21	+35 21.4	1.271	2.230	7.6	19.5
12 27	4 31.60	+35 14.0	1.321	2.242	11.5	19.8
1 6	4 25.29	+34 55.5	1.393	2.254	15.4	20.0

281532 2008 TL_{146} 12 6.6 162.°48 0.°9/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.47	+20 41.5	2.022	2.794	15.1	22.4
11 7	5 20.51	+20 31.1	1.937	2.799	12.0	22.2
11 17	5 12.95	+20 18.7	1.873	2.804	8.3	22.0
11 27	5 3.43	+20 4.6	1.836	2.808	4.2	21.7
12 7	4 52.90	+19 49.4	1.828	2.812	1.0	21.5
12 17	4 42.51	+19 34.6	1.850	2.815	4.7	21.8
12 27	4 33.38	+19 22.4	1.900	2.818	8.8	22.0
1 6	4 26.39	+19 15.0	1.977	2.820	12.3	22.3

275621 2000 CK_{106} 12 6.6 193.°20 1.°2/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.79	+19 5.3	2.701	3.467	11.9	22.1
11 7	5 15.40	+18 56.5	2.606	3.466	9.4	21.9
11 17	5 9.12	+18 47.1	2.535	3.464	6.5	21.7
11 27	5 1.43	+18 37.5	2.491	3.462	3.4	21.5
12 7	4 52.99	+18 28.5	2.477	3.460	1.2	21.3
12 17	4 44.60	+18 21.0	2.493	3.457	3.9	21.5
12 27	4 37.04	+18 16.3	2.540	3.454	7.0	21.7
1 6	4 30.97	+18 15.6	2.614	3.451	9.8	21.9

4395 Danbritt 12 6.6 134°.58 4°.0/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.37	+11 49.9	2.398	3.168	13.1	18.0
11 7	5 15.15	+11 6.9	2.316	3.173	10.5	17.8
11 17	5 8.96	+10 26.4	2.257	3.179	7.7	17.6
11 27	5 1.33	+ 9 51.1	2.226	3.184	5.0	17.5
12 7	4 53.00	+ 9 23.6	2.223	3.190	4.0	17.4
12 17	4 44.79	+ 9 5.9	2.249	3.195	5.8	17.5
12 27	4 37.54	+ 8 59.4	2.305	3.200	8.6	17.7
1 6	4 31.88	+ 9 4.0	2.385	3.204	11.3	17.9

427296 2014 WL_{253} 12 6.6 318°.39 4°.0/ 5.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.52	+10 48.6	2.278	3.052	13.6	20.5
11 7	5 14.72	+10 28.4	2.189	3.048	11.0	20.3
11 17	5 8.82	+10 12.8	2.121	3.044	8.0	20.1
11 27	5 1.33	+10 3.9	2.080	3.040	5.2	19.9
12 7	4 53.00	+10 3.5	2.067	3.037	4.0	19.9
12 17	4 44.70	+10 12.9	2.084	3.033	5.9	20.0
12 27	4 37.32	+10 32.3	2.128	3.030	8.9	20.1
1 6	4 31.60	+11 1.3	2.198	3.026	11.8	20.3

385716 2005 UN_{119} 12 6.6 321°.84 1°.9/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.97	+26 21.3	1.392	2.195	19.3	20.8
11 7	5 19.43	+26 38.5	1.304	2.183	15.6	20.5
11 17	5 13.23	+26 50.4	1.235	2.171	11.1	20.2
11 27	5 3.95	+26 54.3	1.187	2.160	6.0	19.9
12 7	4 52.88	+26 48.4	1.165	2.149	1.9	19.6
12 17	4 41.70	+26 33.1	1.169	2.139	6.1	19.9
12 27	4 32.24	+26 12.0	1.199	2.129	11.4	20.1
1 6	4 25.85	+25 50.6	1.250	2.120	16.2	20.4

138447 2000 JQ_6 12 6.6 158°.96 2°.4/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.42	+14 11.3	2.372	3.135	13.4	20.4
11 7	5 18.44	+14 13.3	2.285	3.141	10.7	20.3
11 17	5 11.31	+14 18.5	2.221	3.146	7.6	20.1
11 27	5 2.55	+14 27.8	2.184	3.151	4.3	19.9
12 7	4 52.96	+14 41.5	2.176	3.155	2.5	19.8
12 17	4 43.42	+15 0.0	2.200	3.159	4.8	19.9
12 27	4 34.88	+15 23.4	2.253	3.162	8.1	20.1
1 6	4 28.06	+15 51.7	2.333	3.165	11.1	20.3

12764 1993 VA_2 12 6.6 95°.12 2°.9/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.86	+29 58.8	2.320	3.077	13.8	18.0
11 7	5 19.18	+30 36.8	2.236	3.086	11.2	17.8
11 17	5 12.03	+31 9.5	2.175	3.094	8.1	17.6
11 27	5 2.98	+31 34.0	2.140	3.102	4.9	17.4
12 7	4 52.93	+31 48.3	2.134	3.110	2.9	17.3
12 17	4 42.96	+31 52.1	2.157	3.118	4.7	17.4
12 27	4 34.14	+31 47.0	2.210	3.126	7.8	17.7
1 6	4 27.33	+31 36.4	2.289	3.134	10.8	17.9

248765 2006 RT_{69} 12 6.6 211°.59 3°.1/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.28	+15 34.2	2.070	2.848	14.6	21.2
11 7	5 17.13	+14 59.7	1.980	2.845	11.7	21.0
11 17	5 10.60	+14 25.5	1.913	2.842	8.3	20.8
11 27	5 2.26	+13 53.9	1.872	2.839	4.8	20.5
12 7	4 52.97	+13 27.2	1.859	2.836	3.2	20.4
12 17	4 43.75	+13 7.8	1.876	2.833	5.7	20.6
12 27	4 35.64	+12 57.5	1.920	2.829	9.3	20.8
1 6	4 29.44	+12 57.3	1.990	2.825	12.6	21.0

187003 2004 TY_{120} 12 6.6 15°.53 0°.7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 17.25	+24 25.5	2.452	3.227	12.7	19.8
11 7	5 13.69	+24 35.7	2.368	3.232	10.1	19.7
11 17	5 8.08	+24 42.9	2.307	3.238	7.0	19.5
11 27	5 0.94	+24 46.6	2.272	3.244	3.6	19.3
12 7	4 53.03	+24 46.4	2.266	3.251	0.7	19.1
12 17	4 45.20	+24 43.0	2.290	3.258	3.7	19.3
12 27	4 38.32	+24 37.9	2.342	3.265	7.0	19.5
1 6	4 33.09	+24 32.8	2.421	3.273	10.0	19.7

294111 2007 TP_{234} 12 6.6 99°.60 0°.5/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.56	+23 32.8	2.009	2.778	15.3	21.8
11 7	5 21.29	+23 45.7	1.939	2.799	12.1	21.6
11 17	5 13.41	+23 55.7	1.890	2.820	8.4	21.4
11 27	5 3.61	+24 1.6	1.868	2.840	4.2	21.2
12 7	4 52.92	+24 2.9	1.875	2.860	0.5	21.0
12 17	4 42.50	+24 0.0	1.912	2.880	4.4	21.3
12 27	4 33.48	+23 55.1	1.979	2.899	8.3	21.6
1 6	4 26.66	+23 50.6	2.071	2.918	11.7	21.8

243239 2007 VP_{168} 12 6.6 90°.51 0°.9/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.77	+22 43.0	1.931	2.701	15.8	20.1
11 7	5 22.45	+23 22.7	1.860	2.720	12.6	20.0
11 17	5 14.35	+24 1.6	1.811	2.740	8.7	19.8
11 27	5 4.15	+24 37.3	1.788	2.759	4.5	19.6
12 7	4 52.90	+25 7.6	1.794	2.778	0.9	19.3
12 17	4 41.86	+25 31.7	1.830	2.797	4.6	19.6
12 27	4 32.24	+25 50.6	1.895	2.815	8.6	19.9
1 6	4 24.95	+26 6.3	1.986	2.833	12.1	20.2

158667 2003 ET_{32} 12 6.6 265°.04 1°.2/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.77	+25 46.9	1.753	2.533	16.8	21.1
11 7	5 20.86	+25 52.2	1.652	2.518	13.5	20.9
11 17	5 13.79	+25 52.3	1.571	2.503	9.6	20.6
11 27	5 4.11	+25 45.6	1.515	2.487	5.1	20.3
12 7	4 52.89	+25 30.9	1.486	2.471	1.2	20.0
12 17	4 41.54	+25 9.3	1.486	2.454	5.3	20.2
12 27	4 31.56	+24 44.1	1.513	2.438	10.0	20.5
1 6	4 24.13	+24 19.5	1.565	2.421	14.3	20.7

487772 2015 RL_{208} 12 6.6 296°.35 0°.0/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.21	+22 52.1	1.914	2.695	15.5	21.9
11 7	5 18.27	+22 53.3	1.825	2.693	12.4	21.7
11 17	5 11.62	+22 51.7	1.758	2.691	8.6	21.5
11 27	5 2.85	+22 46.7	1.716	2.689	4.4	21.2
12 7	4 52.96	+22 38.3	1.702	2.687	0.2	20.9
12 17	4 43.12	+22 27.5	1.716	2.685	4.7	21.2
12 27	4 34.54	+22 16.7	1.759	2.683	8.9	21.5
1 6	4 28.16	+22 8.4	1.828	2.681	12.7	21.7

274226 2008 KX_{30} 12 6.6 170°.81 3°.8/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.20	+13 46.3	1.922	2.695	15.7	22.0
11 7	5 20.35	+13 15.5	1.838	2.699	12.7	21.8
11 17	5 12.88	+12 46.9	1.776	2.702	9.1	21.6
11 27	5 3.42	+12 23.0	1.740	2.705	5.5	21.4
12 7	4 52.95	+12 6.1	1.732	2.706	3.8	21.3
12 17	4 42.59	+11 58.1	1.753	2.708	6.3	21.5
12 27	4 33.50	+12 0.5	1.803	2.708	10.0	21.7
1 6	4 26.55	+12 13.5	1.877	2.708	13.4	21.9

350490 1999 UG_{29} 12 6.6 47°.22 0°.9/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.91	+24 2.7	1.641	2.430	17.4	21.0
11 7	5 20.04	+24 19.6	1.564	2.436	13.9	20.8
11 17	5 13.05	+24 33.4	1.508	2.442	9.7	20.6
11 27	5 3.62	+24 42.6	1.475	2.448	5.0	20.3
12 7	4 52.94	+24 45.9	1.470	2.455	0.9	20.0
12 17	4 42.40	+24 43.9	1.492	2.461	5.2	20.4
12 27	4 33.42	+24 38.9	1.542	2.468	9.7	20.6
1 6	4 27.04	+24 34.1	1.616	2.475	13.7	20.9

352379 2007 VD_{298} 12 6.6 103°.34 6°.7/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.08	+ 4 26.5	1.889	2.654	16.3	20.7
11 7	5 18.60	+ 4 2.8	1.815	2.662	13.4	20.5
11 17	5 11.62	+ 3 49.6	1.762	2.669	10.4	20.3
11 27	5 2.77	+ 3 50.7	1.733	2.676	7.7	20.2
12 7	4 52.98	+ 4 8.6	1.731	2.684	6.7	20.1
12 17	4 43.33	+ 4 43.6	1.757	2.691	8.2	20.2
12 27	4 34.92	+ 5 34.4	1.810	2.697	11.0	20.4
1 6	4 28.55	+ 6 37.9	1.888	2.704	13.9	20.6

26448 Tongjili 12 6.6 307°.78 2°.4/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.36	+19 51.4	1.442	2.245	18.7	18.3
11 7	5 19.22	+19 14.3	1.358	2.238	15.0	18.0
11 17	5 12.73	+18 33.3	1.293	2.232	10.5	17.8
11 27	5 3.57	+17 50.4	1.252	2.225	5.6	17.5
12 7	4 52.95	+17 8.6	1.236	2.219	2.4	17.3
12 17	4 42.40	+16 31.7	1.248	2.213	6.6	17.5
12 27	4 33.48	+16 4.1	1.285	2.207	11.6	17.8
1 6	4 27.32	+15 48.5	1.344	2.202	16.1	18.0

329576 2002 VB_{142} 12 6.6 95°.60 1°.4/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.88	+28 21.5	1.645	2.418	18.0	21.0
11 7	5 24.43	+28 1.5	1.580	2.441	14.4	20.8
11 17	5 15.77	+27 32.1	1.535	2.463	10.0	20.6
11 27	5 4.82	+26 52.2	1.515	2.485	5.3	20.4
12 7	4 52.91	+26 2.7	1.523	2.507	1.4	20.2
12 17	4 41.55	+25 7.4	1.560	2.528	5.1	20.5
12 27	4 32.08	+24 11.9	1.625	2.548	9.6	20.8
1 6	4 25.39	+23 21.5	1.715	2.568	13.4	21.1

48802 1997 UU_8 12 6.6 326°.45 0°.5/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.57	+21 11.8	2.034	2.820	14.6	18.7
11 7	5 15.30	+21 11.2	1.937	2.807	11.6	18.5
11 17	5 9.54	+21 9.0	1.861	2.796	8.1	18.2
11 27	5 1.83	+21 5.2	1.811	2.784	4.1	18.0
12 7	4 53.03	+21 0.3	1.789	2.773	0.6	17.7
12 17	4 44.17	+20 55.1	1.795	2.763	4.6	18.0
12 27	4 36.39	+20 51.4	1.830	2.753	8.7	18.2
1 6	4 30.56	+20 51.0	1.889	2.743	12.3	18.4

75119 1999 VU_{60} 12 6.6 31°.89 2°.9/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.98	+25 35.3	1.251	2.056	20.9	18.9
11 7	5 22.80	+26 29.0	1.183	2.062	16.8	18.6
11 17	5 15.60	+27 20.5	1.134	2.070	11.9	18.4
11 27	5 5.13	+28 5.0	1.107	2.078	6.6	18.1
12 7	4 52.89	+28 37.9	1.104	2.087	2.9	17.9
12 17	4 40.82	+28 57.4	1.128	2.096	6.6	18.2
12 27	4 30.86	+29 5.8	1.177	2.106	11.7	18.5
1 6	4 24.35	+29 8.0	1.247	2.116	16.3	18.8

393490 2002 PC_{188} 12 6.6 52.°84 0.°7/ 6.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.59	+20 50.6	1.595	2.388	17.7	21.3
11 7	5 19.59	+20 52.1	1.529	2.403	14.0	21.1
11 17	5 12.58	+20 52.3	1.484	2.420	9.6	20.9
11 27	5 3.31	+20 51.1	1.462	2.436	4.8	20.7
12 7	4 52.98	+20 48.7	1.468	2.453	0.7	20.4
12 17	4 42.95	+20 46.1	1.502	2.470	5.2	20.8
12 27	4 34.55	+20 45.3	1.563	2.487	9.7	21.1
1 6	4 28.67	+20 48.4	1.648	2.505	13.6	21.4

490866 2011 AK_{65} 12 6.6 39.°56 3.°8/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.11	+11 38.2	2.013	2.793	14.9	21.1
11 7	5 16.18	+11 28.1	1.936	2.800	12.0	20.9
11 17	5 9.92	+11 23.3	1.881	2.807	8.7	20.7
11 27	5 1.92	+11 25.7	1.851	2.815	5.3	20.5
12 7	4 53.04	+11 36.4	1.849	2.822	3.8	20.4
12 17	4 44.28	+11 56.2	1.876	2.831	5.9	20.6
12 27	4 36.64	+12 24.9	1.931	2.839	9.2	20.8
1 6	4 30.90	+13 1.6	2.011	2.848	12.4	21.0

441022 2007 EM_{160} 12 6.6 221.°11 1.°3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.46	+26 20.3	2.057	2.822	15.1	22.3
11 7	5 21.62	+26 26.6	1.956	2.813	12.2	22.0
11 17	5 13.98	+26 27.9	1.876	2.803	8.6	21.8
11 27	5 4.10	+26 22.4	1.822	2.793	4.6	21.5
12 7	4 52.96	+26 9.3	1.798	2.782	1.3	21.3
12 17	4 41.77	+25 49.3	1.803	2.770	4.7	21.5
12 27	4 31.81	+25 25.3	1.837	2.757	8.8	21.7
1 6	4 24.08	+25 1.0	1.897	2.744	12.6	21.9

99347 2001 XO_{104} 12 6.6 198.°71 2.°8/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.46	+17 55.5	1.615	2.401	17.8	19.6
11 7	5 22.03	+17 21.3	1.529	2.399	14.2	19.3
11 17	5 14.44	+16 45.6	1.464	2.397	10.0	19.1
11 27	5 4.37	+16 10.3	1.423	2.393	5.5	18.8
12 7	4 52.97	+15 37.9	1.409	2.390	2.9	18.6
12 17	4 41.65	+15 11.6	1.423	2.385	6.5	18.8
12 27	4 31.86	+14 54.5	1.465	2.380	11.0	19.1
1 6	4 24.67	+14 48.4	1.530	2.375	15.2	19.3

420058 2011 DQ_{42} 12 6.6 312.°61 7.°2/ 8.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.63	+41 33.6	2.285	3.009	14.9	20.7
11 7	5 22.19	+42 45.5	2.193	3.004	12.7	20.5
11 17	5 14.66	+43 47.4	2.122	2.999	10.4	20.4
11 27	5 4.56	+44 33.1	2.075	2.994	8.3	20.2
12 7	4 52.95	+44 57.9	2.054	2.989	7.2	20.2
12 17	4 41.20	+44 59.6	2.062	2.984	7.9	20.2
12 27	4 30.79	+44 40.5	2.096	2.980	9.9	20.3
1 6	4 22.88	+44 6.1	2.154	2.975	12.3	20.5

100730 1998 CE_{2} 12 6.6 172.°62 1.°6/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.50	+27 57.4	2.038	2.796	15.5	20.3
11 7	5 23.87	+27 57.3	1.949	2.800	12.4	20.1
11 17	5 15.39	+27 50.3	1.880	2.804	8.8	19.9
11 27	5 4.73	+27 34.5	1.838	2.807	4.8	19.7
12 7	4 52.96	+27 9.3	1.826	2.809	1.6	19.5
12 17	4 41.34	+26 36.2	1.843	2.810	4.7	19.7
12 27	4 31.14	+25 58.9	1.891	2.810	8.7	19.9
1 6	4 23.31	+25 21.8	1.964	2.809	12.3	20.1

514789 2007 JU_{18} 12 6.6 229.°10 1.°0/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.16	+19 50.9	1.976	2.750	15.4	22.8
11 7	5 20.59	+19 51.3	1.876	2.740	12.3	22.6
11 17	5 13.28	+19 51.3	1.798	2.730	8.6	22.3
11 27	5 3.77	+19 50.7	1.746	2.719	4.4	22.1
12 7	4 53.00	+19 49.6	1.723	2.707	1.0	21.8
12 17	4 42.14	+19 48.8	1.729	2.695	5.0	22.1
12 27	4 32.46	+19 49.9	1.764	2.683	9.3	22.3
1 6	4 24.93	+19 54.7	1.825	2.670	13.1	22.5

226645 2004 FP_{78} 12 6.6 140.°79 2.°3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.40	+28 21.5	1.819	2.587	16.7	21.7
11 7	5 23.36	+28 39.2	1.739	2.596	13.4	21.5
11 17	5 15.23	+28 50.4	1.679	2.605	9.6	21.2
11 27	5 4.71	+28 52.3	1.645	2.613	5.3	21.0
12 7	4 52.97	+28 43.4	1.638	2.620	2.3	20.8
12 17	4 41.42	+28 24.4	1.661	2.627	5.2	21.0
12 27	4 31.46	+27 58.9	1.712	2.634	9.3	21.3
1 6	4 24.09	+27 31.6	1.789	2.639	13.0	21.5

220043 2002 RB_{69} 12 6.6 330.°82 4.°9/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.72	+31 56.3	1.316	2.114	20.5	20.0
11 7	5 21.30	+32 33.2	1.234	2.105	16.9	19.8
11 17	5 14.80	+33 0.5	1.169	2.097	12.5	19.5
11 27	5 4.87	+33 12.6	1.125	2.089	7.9	19.2
12 7	4 52.95	+33 5.2	1.106	2.082	4.9	19.0
12 17	4 41.00	+32 38.1	1.112	2.076	7.4	19.2
12 27	4 31.07	+31 56.4	1.142	2.070	12.1	19.4
1 6	4 24.63	+31 8.5	1.194	2.065	16.7	19.7

317298 2002 GF_{77} 12 6.6 148.°45 4.°1/ 5.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 26.78	+13 24.1	1.784	2.559	16.7	21.4
11 7	5 21.72	+12 50.7	1.707	2.569	13.4	21.2
11 17	5 13.89	+12 20.1	1.652	2.578	9.6	21.0
11 27	5 3.96	+11 55.0	1.622	2.586	5.8	20.8
12 7	4 53.00	+11 38.0	1.620	2.594	4.1	20.7
12 17	4 42.25	+11 31.2	1.647	2.600	6.7	20.9
12 27	4 32.91	+11 35.7	1.701	2.607	10.5	21.1
1 6	4 25.89	+11 51.5	1.781	2.612	14.0	21.3

189716 2001 UT_{14} 12 6.6 35.°53 1.°2/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.01	+19 54.5	1.248	2.061	20.5	19.3
11 7	5 19.93	+19 55.5	1.189	2.074	16.3	19.0
11 17	5 13.24	+19 56.3	1.148	2.089	11.3	18.8
11 27	5 3.78	+19 57.0	1.129	2.104	5.7	18.5
12 7	4 53.01	+19 57.9	1.135	2.120	1.2	18.3
12 17	4 42.62	+20 0.1	1.167	2.137	6.2	18.7
12 27	4 34.22	+20 5.6	1.225	2.154	11.4	19.0
1 6	4 28.87	+20 16.3	1.304	2.172	15.8	19.3

414616 2009 US_{147} 12 6.6 353.°57 0.°5/ 6.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.92	+23 36.0	2.207	2.983	13.9	21.1
11 7	5 16.00	+23 5.8	2.117	2.982	11.0	20.9
11 17	5 9.79	+22 30.4	2.049	2.982	7.6	20.7
11 27	5 1.87	+21 50.4	2.008	2.981	3.8	20.4
12 7	4 53.11	+21 7.7	1.996	2.981	0.5	20.2
12 17	4 44.46	+20 24.6	2.013	2.981	4.3	20.5
12 27	4 36.93	+19 44.5	2.060	2.980	8.0	20.7
1 6	4 31.25	+19 10.2	2.133	2.980	11.3	20.9

28466 2000 AV_{243} 12 6.6 207.°69 5.°0/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.14	+37 57.9	2.521	3.246	13.6	19.4
11 7	5 22.76	+38 36.5	2.421	3.240	11.4	19.2
11 17	5 14.68	+39 5.7	2.341	3.234	8.9	19.0
11 27	5 4.44	+39 21.4	2.288	3.227	6.4	18.8
12 7	4 53.00	+39 20.5	2.263	3.219	5.1	18.7
12 17	4 41.53	+39 2.5	2.268	3.211	6.0	18.8
12 27	4 31.26	+38 29.8	2.301	3.202	8.4	18.9
1 6	4 23.14	+37 47.4	2.362	3.192	11.0	19.1

77193 2001 FD_{14} 12 6.6 189.°44 1.°5/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.32	+19 36.2	1.910	2.684	15.8	21.2
11 7	5 21.45	+19 20.1	1.820	2.683	12.6	21.0
11 17	5 13.80	+19 2.5	1.751	2.682	8.8	20.8
11 27	5 4.00	+18 43.8	1.708	2.680	4.6	20.5
12 7	4 53.05	+18 25.2	1.694	2.677	1.5	20.3
12 17	4 42.16	+18 8.5	1.709	2.674	5.2	20.5
12 27	4 32.59	+17 56.0	1.753	2.670	9.4	20.8
1 6	4 25.26	+17 49.9	1.823	2.665	13.2	21.0

222125 1999 VO_{76} 12 6.6 303.°50 2.°9/ 5.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.50	+19 9.5	1.441	2.244	18.7	21.4
11 7	5 19.32	+18 22.3	1.357	2.237	15.0	21.1
11 17	5 12.80	+17 31.0	1.293	2.231	10.6	20.9
11 27	5 3.65	+16 38.2	1.252	2.224	5.7	20.6
12 7	4 53.06	+15 47.7	1.237	2.218	3.0	20.4
12 17	4 42.55	+15 4.2	1.249	2.212	6.9	20.6
12 27	4 33.67	+14 32.1	1.286	2.206	11.8	20.9
1 6	4 27.53	+14 14.2	1.346	2.201	16.2	21.1

357472 2004 FV_{58} 12 6.6 238.°26 2.°5/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.30	+16 48.2	2.131	2.908	14.3	22.0
11 7	5 17.18	+16 20.4	2.036	2.901	11.4	21.8
11 17	5 10.71	+15 52.3	1.963	2.893	8.1	21.5
11 27	5 2.41	+15 25.7	1.916	2.885	4.5	21.3
12 7	4 53.12	+15 2.3	1.898	2.877	2.6	21.2
12 17	4 43.85	+14 44.4	1.909	2.869	5.3	21.3
12 27	4 35.63	+14 33.8	1.949	2.861	9.0	21.5
1 6	4 29.28	+14 31.7	2.014	2.852	12.3	21.7

442460 2011 UW_{263} 12 6.6 36.°56 0.°4/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.55	+18 46.9	1.592	2.383	17.8	20.1
11 7	5 20.57	+19 25.0	1.519	2.392	14.1	19.9
11 17	5 13.46	+20 6.4	1.467	2.402	9.8	19.7
11 27	5 3.90	+20 49.5	1.439	2.412	4.9	19.4
12 7	4 53.06	+21 32.0	1.438	2.423	0.5	19.1
12 17	4 42.34	+22 12.5	1.466	2.434	5.3	19.5
12 27	4 33.16	+22 50.5	1.520	2.446	9.9	19.8
1 6	4 26.58	+23 26.9	1.600	2.458	13.9	20.1

230234 2001 UP_{68} 12 6.6 9.°91 0.°5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.69	+26 20.3	1.255	2.069	20.4	19.3
11 7	5 18.40	+25 53.4	1.185	2.070	16.3	19.0
11 17	5 12.38	+25 16.3	1.132	2.072	11.4	18.8
11 27	5 3.45	+24 29.1	1.101	2.076	5.8	18.5
12 7	4 53.08	+23 33.8	1.095	2.080	0.5	18.1
12 17	4 43.00	+22 35.2	1.114	2.085	6.1	18.5
12 27	4 34.92	+21 40.0	1.159	2.091	11.5	18.8
1 6	4 29.96	+20 53.8	1.225	2.098	16.2	19.1

232767 2004 PQ_{39} 12 6.6 110°.34 2°.4/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 26.29	+29 29.5	1.714	2.490	17.3	20.3
11 7	5 21.91	+29 34.3	1.635	2.496	14.0	20.1
11 17	5 14.33	+29 30.5	1.576	2.502	10.0	19.8
11 27	5 4.30	+29 15.5	1.541	2.509	5.6	19.6
12 7	4 53.05	+28 48.8	1.533	2.515	2.4	19.4
12 17	4 42.03	+28 11.9	1.554	2.521	5.3	19.6
12 27	4 32.67	+27 29.5	1.602	2.526	9.6	19.9
1 6	4 25.98	+26 47.1	1.675	2.532	13.5	20.1

448928 2011 VQ_{6} 12 6.6 97°.53 0°.8/ 6.5 18

10 28	5 28.44	+18 38.2	2.166	2.927	14.6	21.5
11 7	5 22.46	+19 0.5	2.100	2.955	11.5	21.4
11 17	5 14.08	+19 23.8	2.056	2.983	7.9	21.2
11 27	5 3.97	+19 47.3	2.039	3.010	4.0	21.0
12 7	4 53.08	+20 10.1	2.053	3.037	0.8	20.8
12 17	4 42.45	+20 31.8	2.097	3.063	4.3	21.1
12 27	4 33.12	+20 53.0	2.172	3.088	7.9	21.4
1 6	4 25.83	+21 14.6	2.274	3.113	11.1	21.6

97531 2000 DD_{28} 12 6.6 83°.73 5°.1/ 8.4 17

10 28	5 24.68	+38 24.5	2.355	3.091	14.2	19.9
11 7	5 20.03	+38 52.7	2.272	3.098	11.8	19.8
11 17	5 12.72	+39 9.9	2.210	3.106	9.2	19.6
11 27	5 3.40	+39 12.3	2.173	3.113	6.6	19.4
12 7	4 53.09	+38 57.9	2.163	3.121	5.1	19.4
12 17	4 42.96	+38 27.1	2.183	3.128	6.0	19.4
12 27	4 34.16	+37 43.3	2.230	3.136	8.3	19.6
1 6	4 27.55	+36 51.9	2.304	3.144	10.9	19.8

414567 2009 SA_{323} 12 6.6 244°.45 3°.9/ 7.6 18

10 28	5 23.97	+33 9.8	2.354	3.104	13.8	20.7
11 7	5 19.51	+33 48.0	2.258	3.099	11.4	20.5
11 17	5 12.45	+34 19.3	2.183	3.094	8.5	20.3
11 27	5 3.35	+34 40.5	2.134	3.089	5.6	20.1
12 7	4 53.10	+34 48.9	2.113	3.083	3.9	20.0
12 17	4 42.80	+34 43.9	2.122	3.078	5.3	20.1
12 27	4 33.62	+34 27.7	2.160	3.072	8.2	20.3
1 6	4 26.49	+34 4.1	2.224	3.066	11.1	20.5

172089 2002 CK_{223} 12 6.6 318°.30 1°.3/ 6.9 18

10 28	5 24.70	+26 32.1	1.324	2.126	20.1	20.5
11 7	5 21.65	+26 27.8	1.243	2.122	16.2	20.2
11 17	5 14.76	+26 15.4	1.181	2.117	11.5	19.9
11 27	5 4.75	+25 53.1	1.140	2.113	6.0	19.6
12 7	4 53.04	+25 20.6	1.125	2.109	1.3	19.3
12 17	4 41.42	+24 40.5	1.136	2.106	6.1	19.6
12 27	4 31.75	+23 58.4	1.172	2.103	11.6	19.9
1 6	4 25.32	+23 20.4	1.231	2.099	16.5	20.1

408589 2013 LZ_{25} 12 6.6 66°.25 5°.2/ 5.7 18

10 28	5 21.00	+ 7 14.3	2.157	2.923	14.5	21.2
11 7	5 16.50	+ 6 46.3	2.096	2.947	11.7	21.1
11 17	5 9.92	+ 6 25.6	2.058	2.971	8.8	20.9
11 27	5 1.87	+ 6 15.2	2.046	2.995	6.2	20.8
12 7	4 53.18	+ 6 16.9	2.061	3.019	5.3	20.8
12 17	4 44.75	+ 6 31.5	2.105	3.043	6.7	20.9
12 27	4 37.44	+ 6 58.5	2.177	3.067	9.3	21.1
1 6	4 31.88	+ 7 36.3	2.275	3.091	11.9	21.4

309547 2007 YL_{41} 12 6.6 53°.69 1°.1/ 6.4 18

10 28	5 22.50	+19 54.3	1.741	2.530	16.6	21.3
11 7	5 18.56	+19 49.7	1.668	2.540	13.1	21.1
11 17	5 11.84	+19 44.3	1.615	2.550	9.1	20.9
11 27	5 3.00	+19 38.4	1.587	2.561	4.6	20.6
12 7	4 53.13	+19 32.7	1.587	2.571	1.2	20.4
12 17	4 43.46	+19 28.4	1.615	2.582	5.1	20.7
12 27	4 35.21	+19 27.2	1.671	2.593	9.4	21.0
1 6	4 29.28	+19 30.8	1.751	2.605	13.1	21.3

400445 2008 EV_{41} 12 6.6 112°.57 5°.6/ 4.9 18

10 28	5 20.24	+ 7 35.3	2.243	3.009	14.0	21.0
11 7	5 15.94	+ 6 43.2	2.170	3.020	11.4	20.9
11 17	5 9.58	+ 5 56.5	2.119	3.030	8.7	20.7
11 27	5 1.74	+ 5 19.1	2.094	3.040	6.3	20.6
12 7	4 53.18	+ 4 54.1	2.097	3.050	5.6	20.6
12 17	4 44.79	+ 4 43.5	2.128	3.059	7.2	20.7
12 27	4 37.43	+ 4 47.9	2.188	3.069	9.7	20.9
1 6	4 31.75	+ 5 6.3	2.272	3.078	12.2	21.1

291918 2006 QB_{19} 12 6.6 72°.67 5°.9/ 7.9 18

10 28	5 31.51	+34 26.4	1.369	2.145	20.8	20.6
11 7	5 27.00	+35 14.3	1.309	2.164	17.1	20.4
11 17	5 18.33	+35 50.0	1.266	2.183	12.8	20.2
11 27	5 6.43	+36 6.6	1.246	2.202	8.5	20.0
12 7	4 53.00	+36 0.0	1.251	2.222	5.9	19.9
12 17	4 40.09	+35 31.0	1.283	2.241	7.7	20.0
12 27	4 29.59	+34 46.0	1.340	2.259	11.5	20.3
1 6	4 22.67	+33 53.9	1.420	2.278	15.3	20.6

443170 2014 DG_{9} 12 6.6 258°.10 0°.4/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.49	+24 5.7	1.778	2.560	16.5	21.9
11 7	5 20.53	+24 3.6	1.680	2.547	13.3	21.6
11 17	5 13.51	+23 57.3	1.602	2.535	9.3	21.4
11 27	5 4.02	+23 45.7	1.549	2.522	4.8	21.1
12 7	4 53.10	+23 28.6	1.524	2.509	0.4	20.7
12 17	4 42.11	+23 7.3	1.527	2.495	5.1	21.0
12 27	4 32.45	+22 45.0	1.558	2.482	9.8	21.3
1 6	4 25.25	+22 25.3	1.614	2.468	14.0	21.5

44643 1999 RS_{114} 12 6.6 144°.84 0°.6/ 6.5 18

10 28	5 28.06	+22 49.2	1.787	2.561	16.7	19.5
11 7	5 22.89	+22 27.3	1.708	2.571	13.3	19.3
11 17	5 14.79	+22 0.6	1.650	2.581	9.2	19.1
11 27	5 4.48	+21 29.5	1.617	2.590	4.6	18.8
12 7	4 53.10	+20 55.3	1.613	2.598	0.7	18.5
12 17	4 41.98	+20 20.4	1.639	2.606	5.1	18.9
12 27	4 32.40	+19 48.6	1.693	2.613	9.5	19.2
1 6	4 25.30	+19 23.3	1.772	2.619	13.3	19.4

486226 2013 AK_{128} 12 6.6 30°.55 10°.0/10.1 17

10 28	5 28.24	+44 40.3	1.391	2.146	21.6	20.9
11 7	5 25.09	+45 35.5	1.330	2.158	18.5	20.7
11 17	5 17.37	+46 9.6	1.286	2.171	15.2	20.6
11 27	5 6.05	+46 13.8	1.261	2.185	12.0	20.4
12 7	4 53.03	+45 42.9	1.259	2.199	10.1	20.4
12 17	4 40.61	+44 37.9	1.281	2.215	10.6	20.4
12 27	4 30.88	+43 7.6	1.327	2.231	12.9	20.6
1 6	4 25.06	+41 24.7	1.395	2.248	15.9	20.8

45366 2000 AN_{107} 12 6.6 247°.93 4°.8/ 5.5 18

10 28	5 19.29	+ 8 16.6	2.356	3.122	13.4	18.1
11 7	5 15.27	+ 7 50.8	2.266	3.118	10.9	17.9
11 17	5 9.22	+ 7 30.8	2.199	3.114	8.2	17.7
11 27	5 1.62	+ 7 19.1	2.158	3.110	5.7	17.6
12 7	4 53.21	+ 7 18.0	2.145	3.106	4.8	17.5
12 17	4 44.82	+ 7 28.6	2.161	3.101	6.4	17.6
12 27	4 37.33	+ 7 51.2	2.205	3.097	9.1	17.8
1 6	4 31.43	+ 8 24.7	2.274	3.093	11.8	18.0

113095 2002 RU_{72} 12 6.6 191°.49 3°.8/ 5.6 18

10 28	5 22.15	+13 7.8	2.173	2.945	14.2	20.7
11 7	5 17.70	+12 32.4	2.084	2.944	11.4	20.5
11 17	5 10.97	+11 59.0	2.018	2.942	8.3	20.3
11 27	5 2.52	+11 30.1	1.977	2.940	5.1	20.2
12 7	4 53.18	+11 8.3	1.966	2.938	3.8	20.1
12 17	4 43.90	+10 55.4	1.984	2.935	6.0	20.2
12 27	4 35.66	+10 53.0	2.030	2.932	9.2	20.4
1 6	4 29.25	+11 1.4	2.102	2.929	12.3	20.6

141616 2002 JU_{20} 12 6.6 147°.11 1°.2/ 6.4 18

10 28	5 28.94	+18 51.8	1.831	2.603	16.5	20.9
11 7	5 23.55	+18 58.0	1.752	2.613	13.1	20.7
11 17	5 15.26	+19 4.9	1.693	2.623	9.1	20.4
11 27	5 4.74	+19 12.0	1.661	2.633	4.7	20.2
12 7	4 53.10	+19 19.3	1.657	2.641	1.2	20.0
12 17	4 41.61	+19 27.2	1.683	2.649	5.1	20.3
12 27	4 31.56	+19 36.8	1.738	2.656	9.4	20.5
1 6	4 23.92	+19 49.6	1.818	2.662	13.2	20.8

267936 2004 EB_{9} 12 6.6 228°.76 0°.2/ 6.7 18

10 28	5 26.90	+22 20.5	1.912	2.684	15.9	21.3
11 7	5 22.21	+22 34.2	1.812	2.674	12.7	21.1
11 17	5 14.58	+22 46.5	1.732	2.663	8.9	20.8
11 27	5 4.54	+22 56.2	1.679	2.651	4.6	20.5
12 7	4 53.10	+23 2.3	1.654	2.639	0.2	20.2
12 17	4 41.52	+23 4.9	1.658	2.626	4.9	20.5
12 27	4 31.18	+23 5.5	1.692	2.612	9.4	20.8
1 6	4 23.16	+23 6.8	1.750	2.598	13.4	21.0

409689 2006 AZ_{78} 12 6.6 39°.90 2°.2/ 6.3 18

10 28	5 21.63	+15 18.3	2.080	2.857	14.6	20.5
11 7	5 17.47	+15 27.3	1.995	2.860	11.6	20.3
11 17	5 10.92	+15 39.8	1.933	2.863	8.2	20.1
11 27	5 2.54	+15 56.3	1.897	2.867	4.5	19.9
12 7	4 53.20	+16 16.9	1.889	2.870	2.2	19.7
12 17	4 43.90	+16 41.5	1.911	2.874	4.9	19.9
12 27	4 35.70	+17 10.3	1.961	2.878	8.6	20.1
1 6	4 29.42	+17 43.1	2.038	2.882	11.9	20.4

283193 2010 CM_{88} 12 6.6 151°.57 0°.2/ 6.6 18

10 28	5 25.56	+22 56.9	2.071	2.840	14.9	21.7
11 7	5 20.58	+22 46.0	1.987	2.847	11.9	21.5
11 17	5 13.04	+22 31.5	1.925	2.855	8.2	21.3
11 27	5 3.58	+22 13.1	1.889	2.861	4.1	21.0
12 7	4 53.16	+21 51.5	1.882	2.867	0.3	20.7
12 17	4 42.91	+21 28.4	1.906	2.873	4.5	21.1
12 27	4 33.94	+21 6.4	1.959	2.878	8.4	21.3
1 6	4 27.08	+20 48.1	2.037	2.882	11.9	21.6

383552 2007 EX_{10} 12 6.6 323.°79 0.°2/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.55	+23 52.7	1.360	2.168	19.4	20.9
11 7	5 19.06	+23 46.4	1.274	2.157	15.6	20.7
11 17	5 12.97	+23 34.9	1.207	2.146	11.0	20.4
11 27	5 3.91	+23 17.3	1.162	2.136	5.6	20.0
12 7	4 53.14	+22 54.1	1.142	2.127	0.2	19.6
12 17	4 42.34	+22 27.3	1.148	2.118	6.0	20.0
12 27	4 33.25	+22 1.2	1.179	2.110	11.5	20.3
1 6	4 27.17	+21 40.4	1.233	2.102	16.4	20.5

67010 1999 XD_{123} 12 6.6 74.°17 4.°1/ 7.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.10	+33 6.0	1.764	2.532	17.2	18.3
11 7	5 21.86	+33 29.0	1.686	2.538	14.0	18.1
11 17	5 14.38	+33 41.9	1.627	2.545	10.4	17.8
11 27	5 4.39	+33 40.8	1.592	2.551	6.5	17.6
12 7	4 53.13	+33 23.7	1.584	2.558	4.1	17.5
12 17	4 42.08	+32 51.4	1.604	2.565	6.0	17.6
12 27	4 32.71	+32 8.3	1.651	2.572	9.6	17.9
1 6	4 26.05	+31 20.9	1.723	2.579	13.2	18.1

75913 2000 CU_{57} 12 6.6 342.°71 9.°7/ 9.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.00	+41 57.6	1.398	2.169	20.7	19.1
11 7	5 20.41	+43 1.2	1.314	2.157	17.8	18.9
11 17	5 14.50	+43 48.6	1.248	2.145	14.6	18.7
11 27	5 4.89	+44 10.6	1.201	2.134	11.5	18.5
12 7	4 53.11	+44 0.3	1.177	2.125	9.7	18.3
12 17	4 41.29	+43 16.0	1.177	2.117	10.6	18.4
12 27	4 31.69	+42 3.5	1.200	2.110	13.4	18.5
1 6	4 25.86	+40 34.2	1.244	2.105	16.9	18.7

31588 Harrypaul 12 6.7 143.°60 2.°0/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.79	+17 6.7	2.087	2.865	14.5	19.5
11 7	5 17.58	+16 56.1	2.002	2.867	11.6	19.3
11 17	5 10.98	+16 46.4	1.938	2.869	8.1	19.1
11 27	5 2.57	+16 38.5	1.901	2.871	4.4	18.9
12 7	4 53.22	+16 33.5	1.892	2.873	2.1	18.7
12 17	4 43.95	+16 32.4	1.912	2.875	5.0	18.9
12 27	4 35.79	+16 36.6	1.962	2.877	8.7	19.1
1 6	4 29.56	+16 46.7	2.036	2.879	12.0	19.4

131179 2001 CW_{40} 12 6.7 163.°33 1.°3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.48	+23 24.7	2.001	2.768	15.4	20.0
11 7	5 22.47	+24 9.6	1.913	2.771	12.3	19.8
11 17	5 14.63	+24 54.3	1.846	2.774	8.7	19.5
11 27	5 4.52	+25 36.1	1.805	2.776	4.5	19.3
12 7	4 53.15	+26 12.5	1.794	2.778	1.3	19.1
12 17	4 41.74	+26 41.8	1.813	2.780	4.7	19.3
12 27	4 31.58	+27 4.6	1.861	2.781	8.8	19.6
1 6	4 23.69	+27 23.0	1.935	2.782	12.4	19.8

119827 2002 BE_{10} 12 6.7 281.°51 1.°7/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.27	+27 39.7	2.170	2.939	14.3	20.5
11 7	5 18.33	+27 47.9	2.061	2.919	11.6	20.3
11 17	5 11.78	+27 50.7	1.973	2.899	8.3	20.1
11 27	5 3.11	+27 46.2	1.911	2.880	4.6	19.8
12 7	4 53.20	+27 33.6	1.877	2.860	1.7	19.6
12 17	4 43.16	+27 13.3	1.873	2.840	4.5	19.7
12 27	4 34.19	+26 48.0	1.897	2.820	8.5	19.9
1 6	4 27.24	+26 21.2	1.948	2.799	12.1	20.1

196927 2003 UQ_{6} 12 6.7 43.°42 5.°6/ 3.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.41	+13 16.7	1.982	2.761	15.1	19.3
11 7	5 17.05	+11 20.6	1.912	2.775	12.2	19.2
11 17	5 10.42	+ 9 23.4	1.867	2.788	9.0	19.0
11 27	5 2.18	+ 7 31.3	1.848	2.802	6.3	18.9
12 7	4 53.26	+ 5 50.9	1.859	2.817	5.8	18.9
12 17	4 44.64	+ 4 27.8	1.900	2.832	7.8	19.0
12 27	4 37.27	+ 3 25.7	1.968	2.847	10.7	19.2
1 6	4 31.83	+ 2 45.2	2.060	2.862	13.5	19.4

358679 2007 YF_{20} 12 6.7 68.°02 0.°6/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.92	+25 35.7	1.882	2.661	15.8	20.8
11 7	5 18.88	+25 22.2	1.797	2.663	12.6	20.5
11 17	5 12.08	+25 2.4	1.734	2.666	8.8	20.3
11 27	5 3.18	+24 36.0	1.696	2.668	4.5	20.1
12 7	4 53.22	+24 3.7	1.686	2.671	0.6	19.8
12 17	4 43.41	+23 27.6	1.705	2.673	4.7	20.1
12 27	4 34.98	+22 51.5	1.752	2.676	8.9	20.4
1 6	4 28.82	+22 19.1	1.824	2.679	12.6	20.6

98892 2001 BX_{42} 12 6.7 278.°54 0.°8/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.78	+23 0.6	1.778	2.563	16.4	19.4
11 7	5 18.93	+22 28.7	1.689	2.560	13.1	19.1
11 17	5 12.21	+21 51.0	1.622	2.557	9.1	18.9
11 27	5 3.29	+21 8.3	1.580	2.553	4.6	18.6
12 7	4 53.23	+20 22.6	1.566	2.550	0.9	18.3
12 17	4 43.28	+19 37.1	1.580	2.547	5.2	18.7
12 27	4 34.72	+18 56.0	1.622	2.544	9.7	18.9
1 6	4 28.50	+18 22.9	1.688	2.541	13.6	19.1

141567 2002 GC_{108} 12 6.7 101.°97 3.°4/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.84	+14 49.7	1.534	2.320	18.5	20.3
11 7	5 22.97	+14 33.1	1.469	2.338	14.8	20.1
11 17	5 14.97	+14 20.0	1.424	2.354	10.4	19.9
11 27	5 4.62	+14 12.1	1.402	2.371	5.9	19.7
12 7	4 53.18	+14 10.9	1.408	2.387	3.5	19.6
12 17	4 42.07	+14 17.6	1.442	2.403	6.6	19.8
12 27	4 32.67	+14 33.1	1.503	2.418	10.9	20.1
1 6	4 25.93	+14 57.1	1.588	2.433	14.7	20.4

146277 2001 FJ_{49} 12 6.7 74.°96 4.°1/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 31.63	+32 13.6	1.456	2.230	19.9	18.7
11 7	5 26.51	+32 35.4	1.399	2.256	16.1	18.5
11 17	5 17.63	+32 45.9	1.360	2.282	11.6	18.3
11 27	5 5.97	+32 40.4	1.345	2.308	7.0	18.1
12 7	4 53.14	+32 17.4	1.356	2.333	4.1	18.0
12 17	4 40.93	+31 38.9	1.395	2.358	6.3	18.2
12 27	4 30.97	+30 51.1	1.460	2.383	10.5	18.5
1 6	4 24.26	+30 1.5	1.550	2.408	14.3	18.8

344421 2002 CL_{182} 12 6.7 245.°42 0.°6/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.14	+21 37.2	1.915	2.693	15.6	21.8
11 7	5 19.95	+21 29.7	1.816	2.682	12.5	21.6
11 17	5 12.96	+21 19.7	1.738	2.670	8.8	21.3
11 27	5 3.72	+21 6.9	1.685	2.658	4.5	21.0
12 7	4 53.22	+20 51.9	1.661	2.646	0.7	20.7
12 17	4 42.64	+20 36.0	1.666	2.633	5.0	21.0
12 27	4 33.28	+20 21.8	1.699	2.620	9.4	21.3
1 6	4 26.13	+20 11.8	1.758	2.607	13.3	21.5

357426 2003 YS_{87} 12 6.7 348.°96 3.°8/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 11.98	+13 47.3	1.053	1.897	21.4	19.3
11 7	5 12.16	+13 56.7	0.976	1.878	17.4	19.0
11 17	5 8.63	+14 15.5	0.914	1.861	12.5	18.7
11 27	5 1.92	+14 46.5	0.873	1.847	7.2	18.4
12 7	4 53.27	+15 30.8	0.854	1.835	3.8	18.1
12 17	4 44.41	+16 27.2	0.857	1.826	7.8	18.3
12 27	4 37.28	+17 33.5	0.882	1.820	13.5	18.6
1 6	4 33.37	+18 46.5	0.927	1.816	18.6	18.9

229653 2006 HQ_{6} 12 6.7 299.°90 2.°9/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.56	+16 19.1	2.208	2.988	13.8	20.2
11 7	5 14.97	+15 37.6	2.111	2.978	11.0	20.0
11 17	5 9.18	+14 55.3	2.037	2.967	7.8	19.8
11 27	5 1.69	+14 14.3	1.989	2.957	4.5	19.5
12 7	4 53.30	+13 37.4	1.970	2.947	3.0	19.4
12 17	4 44.93	+13 7.0	1.980	2.937	5.4	19.6
12 27	4 37.53	+12 45.8	2.019	2.928	8.8	19.8
1 6	4 31.86	+12 34.9	2.082	2.918	12.1	19.9

182240 2001 DL_{93} 12 6.7 245.°23 2.°3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.49	+17 48.9	1.728	2.510	16.9	21.7
11 7	5 21.32	+17 33.0	1.629	2.497	13.6	21.4
11 17	5 14.10	+17 17.1	1.551	2.483	9.6	21.2
11 27	5 4.39	+17 2.1	1.498	2.469	5.2	20.9
12 7	4 53.21	+16 49.5	1.472	2.454	2.3	20.6
12 17	4 41.90	+16 41.0	1.475	2.439	6.0	20.8
12 27	4 31.89	+16 38.8	1.505	2.423	10.6	21.1
1 6	4 24.30	+16 44.6	1.560	2.406	14.8	21.3

156636 2002 JX_{21} 12 6.7 126.°29 0.°4/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.06	+21 3.1	2.849	3.606	11.5	20.9
11 7	5 17.04	+21 7.5	2.768	3.622	9.1	20.7
11 17	5 10.21	+21 10.7	2.710	3.638	6.3	20.6
11 27	5 2.08	+21 12.6	2.681	3.653	3.1	20.4
12 7	4 53.30	+21 13.1	2.682	3.667	0.4	20.1
12 17	4 44.65	+21 12.8	2.715	3.681	3.4	20.4
12 27	4 36.88	+21 12.8	2.779	3.695	6.4	20.6
1 6	4 30.58	+21 14.4	2.870	3.708	9.0	20.8

440841 2006 SR_{79} 12 6.7 72.°68 0.°0/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.86	+25 35.3	1.839	2.614	16.3	20.9
11 7	5 20.86	+24 59.0	1.775	2.639	12.9	20.7
11 17	5 13.17	+24 15.7	1.733	2.664	8.9	20.5
11 27	5 3.59	+23 25.9	1.716	2.689	4.4	20.3
12 7	4 53.25	+22 31.9	1.729	2.714	0.2	20.0
12 17	4 43.38	+21 37.2	1.770	2.738	4.6	20.4
12 27	4 35.09	+20 46.3	1.841	2.762	8.7	20.7
1 6	4 29.13	+20 2.8	1.937	2.787	12.2	21.0

199752 2006 JS_{28} 12 6.7 268.°44 1.°2/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.59	+19 22.7	2.402	3.175	13.0	21.0
11 7	5 15.64	+19 14.0	2.305	3.169	10.3	20.8
11 17	5 9.56	+19 4.5	2.232	3.163	7.2	20.6
11 27	5 1.87	+18 54.8	2.185	3.157	3.7	20.3
12 7	4 53.31	+18 45.6	2.167	3.150	1.2	20.1
12 17	4 44.76	+18 37.9	2.179	3.144	4.2	20.4
12 27	4 37.12	+18 33.4	2.220	3.138	7.7	20.6
1 6	4 31.14	+18 33.2	2.288	3.132	10.8	20.8

448563 2010 RO_{150} 12 6.7 358°.14 5°.9/ 8.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.96	+35 36.1	1.639	2.413	18.0	20.7
11 7	5 19.97	+36 22.5	1.558	2.410	15.0	20.5
11 17	5 13.47	+36 58.2	1.496	2.409	11.5	20.3
11 27	5 4.13	+37 17.4	1.456	2.408	8.0	20.1
12 7	4 53.23	+37 16.4	1.441	2.407	6.0	20.0
12 17	4 42.38	+36 54.6	1.454	2.408	7.4	20.1
12 27	4 33.27	+36 16.3	1.491	2.409	10.7	20.3
1 6	4 27.09	+35 28.4	1.553	2.411	14.2	20.5

429772 2012 EO_{12} 12 6.7 193°.43 0°.2/ 6.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.23	+23 45.4	1.574	2.359	18.2	22.2
11 7	5 22.92	+23 29.7	1.489	2.359	14.6	21.9
11 17	5 15.25	+23 8.6	1.424	2.357	10.2	21.7
11 27	5 4.93	+22 41.4	1.382	2.356	5.2	21.4
12 7	4 53.21	+22 9.0	1.368	2.354	0.3	21.0
12 17	4 41.59	+21 34.0	1.383	2.351	5.6	21.4
12 27	4 31.65	+21 0.7	1.424	2.348	10.6	21.7
1 6	4 24.48	+20 33.4	1.490	2.345	14.9	21.9

127015 2002 GM_{13} 12 6.7 163°.03 1°.0/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.77	+20 1.1	2.865	3.625	11.4	21.2
11 7	5 16.06	+19 47.4	2.774	3.631	9.0	21.0
11 17	5 9.57	+19 32.3	2.707	3.635	6.2	20.8
11 27	5 1.78	+19 16.2	2.669	3.640	3.2	20.7
12 7	4 53.33	+19 0.1	2.660	3.644	1.0	20.5
12 17	4 44.96	+18 45.0	2.683	3.647	3.6	20.7
12 27	4 37.43	+18 32.4	2.737	3.651	6.6	20.9
1 6	4 31.32	+18 23.6	2.818	3.653	9.3	21.1

127171 2002 GL_{153} 12 6.7 83°.08 4°.8/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.09	+ 8 43.4	2.206	2.976	14.1	20.2
11 7	5 15.96	+ 8 16.8	2.129	2.983	11.4	20.0
11 17	5 9.72	+ 7 56.1	2.074	2.991	8.5	19.8
11 27	5 1.91	+ 7 44.1	2.045	2.999	5.8	19.7
12 7	4 53.33	+ 7 42.8	2.044	3.007	4.8	19.7
12 17	4 44.87	+ 7 53.5	2.072	3.014	6.5	19.8
12 27	4 37.42	+ 8 16.0	2.127	3.022	9.2	20.0
1 6	4 31.70	+ 8 49.3	2.208	3.030	12.0	20.2

407084 2009 SV_{234} 12 6.7 54°.21 9°.8/10.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 33.43	+48 12.2	1.989	2.689	17.5	20.2
11 7	5 28.20	+49 35.2	1.932	2.714	15.3	20.0
11 17	5 19.06	+50 40.9	1.894	2.739	13.0	19.9
11 27	5 6.86	+51 21.2	1.878	2.764	10.9	19.9
12 7	4 53.15	+51 30.9	1.886	2.790	9.8	19.8
12 17	4 39.82	+51 9.4	1.920	2.815	10.1	19.9
12 27	4 28.68	+50 21.8	1.979	2.841	11.5	20.1
1 6	4 20.92	+49 16.8	2.062	2.867	13.3	20.2

234692 2002 GG_{121} 12 6.7 159°.68 1°.9/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.67	+16 56.8	2.251	3.017	14.0	21.7
11 7	5 19.63	+16 49.3	2.165	3.024	11.1	21.5
11 17	5 12.29	+16 42.7	2.102	3.030	7.8	21.3
11 27	5 3.23	+16 37.8	2.066	3.035	4.2	21.1
12 7	4 53.29	+16 35.3	2.059	3.040	1.9	20.9
12 17	4 43.44	+16 36.2	2.082	3.044	4.7	21.1
12 27	4 34.68	+16 41.4	2.136	3.048	8.2	21.3
1 6	4 27.77	+16 51.9	2.215	3.051	11.4	21.6

440130 2003 SE_{327} 12 6.7 344°.92 6°.1/ 7.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.67	+35 42.6	1.698	2.462	17.9	21.6
11 7	5 22.88	+36 37.3	1.614	2.460	14.9	21.4
11 17	5 15.50	+37 22.2	1.549	2.459	11.4	21.2
11 27	5 5.19	+37 51.1	1.508	2.457	8.0	21.0
12 7	4 53.21	+37 59.4	1.492	2.456	6.1	20.9
12 17	4 41.24	+37 45.9	1.504	2.455	7.5	21.0
12 27	4 31.00	+37 14.2	1.541	2.454	10.8	21.2
1 6	4 23.75	+36 31.5	1.603	2.454	14.3	21.4

489033 2005 WK_{157} 12 6.7 43°.67 0°.4/ 6.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.99	+21 18.8	1.263	2.071	20.6	21.0
11 7	5 21.47	+21 26.6	1.207	2.090	16.3	20.8
11 17	5 14.30	+21 33.1	1.170	2.110	11.3	20.6
11 27	5 4.40	+21 37.3	1.156	2.131	5.6	20.3
12 7	4 53.25	+21 39.1	1.167	2.152	0.5	20.0
12 17	4 42.57	+21 39.5	1.204	2.174	5.9	20.5
12 27	4 33.95	+21 40.8	1.266	2.196	11.0	20.8
1 6	4 28.41	+21 45.7	1.351	2.219	15.4	21.1

115169 2003 SW_{80} 12 6.7 349°.06 8°.9/ 4.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.86	+ 7 39.7	1.386	2.194	19.1	19.2
11 7	5 14.77	+ 6 6.0	1.313	2.187	15.9	19.0
11 17	5 9.63	+ 4 37.2	1.259	2.181	12.4	18.7
11 27	5 2.11	+ 3 21.7	1.227	2.175	9.6	18.6
12 7	4 53.33	+ 2 27.1	1.219	2.171	9.0	18.5
12 17	4 44.65	+ 1 59.1	1.236	2.168	11.1	18.6
12 27	4 37.43	+ 1 59.5	1.276	2.166	14.5	18.8
1 6	4 32.71	+ 2 25.8	1.336	2.164	17.9	19.0

232052 2001 UK_{40} 12 6.7 356°.87 2°.8/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.71	+18 17.3	1.165	1.992	20.8	20.4
11 7	5 16.25	+17 54.0	1.093	1.987	16.7	20.1
11 17	5 11.11	+17 30.1	1.040	1.984	11.7	19.8
11 27	5 3.01	+17 8.1	1.007	1.982	6.3	19.5
12 7	4 53.30	+16 50.6	0.998	1.981	2.9	19.3
12 17	4 43.70	+16 40.6	1.013	1.981	7.2	19.5
12 27	4 35.94	+16 40.7	1.052	1.983	12.6	19.8
1 6	4 31.27	+16 52.0	1.111	1.986	17.4	20.1

438155 2005 SU_{193} 12 6.7 31°.27 4°.7/ 7.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.92	+30 15.3	1.153	1.962	22.1	20.2
11 7	5 22.28	+31 5.5	1.098	1.976	17.9	20.0
11 17	5 15.38	+31 46.7	1.060	1.992	13.0	19.8
11 27	5 5.13	+32 13.0	1.042	2.008	7.9	19.6
12 7	4 53.23	+32 20.2	1.048	2.026	4.7	19.4
12 17	4 41.78	+32 8.7	1.079	2.045	7.4	19.7
12 27	4 32.75	+31 43.8	1.134	2.064	12.0	20.0
1 6	4 27.35	+31 13.1	1.211	2.084	16.3	20.3

359567 2010 TT_{116} 12 6.7 179°.24 3°.1/ 5.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.27	+14 26.1	2.466	3.232	12.9	21.5
11 7	5 16.72	+13 48.4	2.376	3.233	10.3	21.3
11 17	5 10.18	+13 11.5	2.309	3.234	7.4	21.1
11 27	5 2.14	+12 37.4	2.270	3.234	4.4	20.9
12 7	4 53.35	+12 8.5	2.261	3.234	3.2	20.8
12 17	4 44.64	+11 46.7	2.281	3.234	5.2	21.0
12 27	4 36.86	+11 33.7	2.331	3.233	8.2	21.2
1 6	4 30.69	+11 30.2	2.407	3.231	11.0	21.3

29089 1981 DD_{3} 12 6.7 11°.72 2°.8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.83	+30 46.5	1.738	2.517	17.0	19.0
11 7	5 19.26	+30 48.6	1.656	2.518	13.7	18.8
11 17	5 12.60	+30 40.8	1.593	2.520	9.9	18.6
11 27	5 3.56	+30 21.0	1.555	2.522	5.8	18.3
12 7	4 53.30	+29 48.4	1.543	2.524	2.8	18.1
12 17	4 43.22	+29 5.1	1.560	2.527	5.3	18.3
12 27	4 34.70	+28 15.7	1.604	2.530	9.4	18.6
1 6	4 28.74	+27 26.0	1.672	2.533	13.3	18.8

514693 2006 BE_{108} 12 6.7 216°.51 0°.0/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.14	+22 47.9	2.000	2.773	15.3	22.6
11 7	5 20.60	+22 49.3	1.904	2.767	12.2	22.3
11 17	5 13.34	+22 48.1	1.830	2.760	8.5	22.1
11 27	5 3.91	+22 43.4	1.781	2.754	4.3	21.8
12 7	4 53.29	+22 35.1	1.761	2.746	0.1	21.5
12 17	4 42.65	+22 24.1	1.771	2.739	4.7	21.8
12 27	4 33.22	+22 12.6	1.809	2.730	8.9	22.1
1 6	4 25.96	+22 3.4	1.874	2.722	12.6	22.3

190204 2005 YV_{163} 12 6.7 122°.49 1°.1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.15	+26 44.1	1.889	2.656	16.2	20.9
11 7	5 22.89	+26 38.5	1.813	2.671	12.9	20.7
11 17	5 14.77	+26 26.4	1.759	2.686	9.0	20.5
11 27	5 4.52	+26 6.6	1.730	2.700	4.7	20.3
12 7	4 53.29	+25 39.0	1.730	2.714	1.1	20.0
12 17	4 42.36	+25 5.8	1.760	2.727	4.7	20.3
12 27	4 32.97	+24 30.6	1.818	2.740	8.8	20.6
1 6	4 26.00	+23 57.7	1.903	2.752	12.4	20.8

139777 2001 QS_{317} 12 6.7 220°.29 3°.0/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.60	+15 11.9	1.967	2.747	15.2	20.2
11 7	5 17.62	+14 51.7	1.880	2.747	12.2	20.0
11 17	5 11.14	+14 33.4	1.816	2.746	8.6	19.8
11 27	5 2.76	+14 18.7	1.777	2.745	4.9	19.6
12 7	4 53.36	+14 9.4	1.766	2.744	3.0	19.4
12 17	4 44.03	+14 6.8	1.784	2.743	5.7	19.6
12 27	4 35.85	+14 12.4	1.830	2.742	9.4	19.8
1 6	4 29.67	+14 26.4	1.900	2.741	12.8	20.0

74180 1998 RK_{26} 12 6.7 124°.24 6°.7/ 5.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.77	+ 4 19.2	2.081	2.840	15.2	19.7
11 7	5 18.12	+ 3 33.2	2.011	2.852	12.6	19.5
11 17	5 11.23	+ 2 55.9	1.961	2.864	9.8	19.4
11 27	5 2.69	+ 2 31.5	1.937	2.875	7.5	19.3
12 7	4 53.37	+ 2 23.0	1.941	2.886	6.8	19.2
12 17	4 44.23	+ 2 32.0	1.973	2.896	8.2	19.4
12 27	4 36.22	+ 2 58.2	2.031	2.906	10.6	19.5
1 6	4 30.06	+ 3 39.2	2.114	2.915	13.2	19.7

330815 2008 VU_{65} 12 6.7 108°.25 2°.0/ 6.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.15	+26 27.0	2.605	3.357	12.6	20.8
11 7	5 19.97	+27 17.8	2.518	3.366	10.1	20.6
11 17	5 12.55	+28 6.5	2.455	3.376	7.2	20.4
11 27	5 3.42	+28 50.4	2.419	3.385	4.0	20.2
12 7	4 53.35	+29 27.4	2.414	3.394	2.0	20.1
12 17	4 43.27	+29 56.2	2.441	3.403	4.0	20.3
12 27	4 34.16	+30 17.3	2.497	3.412	7.1	20.5
1 6	4 26.78	+30 32.7	2.581	3.421	9.9	20.7

332216 2006 GC_{22} 12 6.7 247°.68 4°.4/ 5.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 18.32	+10 36.4	2.453	3.222	12.8	21.3
11 7	5 14.46	+ 9 48.7	2.362	3.218	10.4	21.2
11 17	5 8.66	+ 9 3.8	2.294	3.213	7.7	21.0
11 27	5 1.42	+ 8 24.5	2.253	3.208	5.3	20.8
12 7	4 53.42	+ 7 53.9	2.241	3.203	4.5	20.8
12 17	4 45.47	+ 7 34.1	2.257	3.198	6.1	20.9
12 27	4 38.38	+ 7 26.5	2.302	3.193	8.8	21.0
1 6	4 32.81	+ 7 31.3	2.373	3.188	11.5	21.2

273735 2007 EF_{110} 12 6.7 125°.82 0°.8/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.87	+20 39.7	1.980	2.750	15.5	21.6
11 7	5 21.66	+20 36.3	1.904	2.766	12.3	21.4
11 17	5 13.83	+20 31.4	1.850	2.780	8.5	21.2
11 27	5 4.05	+20 25.0	1.822	2.794	4.3	21.0
12 7	4 53.34	+20 17.4	1.823	2.808	0.8	20.8
12 17	4 42.84	+20 9.7	1.854	2.821	4.7	21.1
12 27	4 33.70	+20 3.7	1.915	2.833	8.7	21.4
1 6	4 26.75	+20 1.6	2.001	2.845	12.1	21.6

55260 2001 RG_{123} 12 6.7 182°.79 3°.8/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.69	+31 10.0	1.702	2.473	17.6	20.2
11 7	5 23.39	+31 41.9	1.617	2.473	14.3	20.0
11 17	5 15.68	+32 6.0	1.552	2.473	10.5	19.8
11 27	5 5.24	+32 18.0	1.511	2.473	6.4	19.6
12 7	4 53.29	+32 15.0	1.496	2.473	3.8	19.4
12 17	4 41.41	+31 56.8	1.510	2.472	6.1	19.5
12 27	4 31.18	+31 27.3	1.551	2.472	10.1	19.8
1 6	4 23.79	+30 52.3	1.616	2.471	14.0	20.0

91323 1999 GG_{35} 12 6.7 281°.64 1°.5/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.27	+26 38.0	1.667	2.452	17.3	19.7
11 7	5 20.75	+26 44.3	1.568	2.436	14.0	19.4
11 17	5 13.95	+26 44.7	1.489	2.421	10.0	19.1
11 27	5 4.44	+26 37.0	1.434	2.405	5.4	18.8
12 7	4 53.32	+26 20.2	1.406	2.390	1.5	18.5
12 17	4 42.06	+25 55.2	1.405	2.374	5.4	18.8
12 27	4 32.24	+25 25.6	1.432	2.358	10.3	19.0
1 6	4 25.07	+24 56.4	1.482	2.343	14.7	19.2

129617 1998 BV_{41} 12 6.7 276°.46 3°.6/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.55	+30 33.6	1.730	2.505	17.2	20.5
11 7	5 21.74	+31 3.4	1.637	2.496	14.1	20.3
11 17	5 14.61	+31 26.3	1.563	2.487	10.3	20.0
11 27	5 4.75	+31 38.1	1.514	2.478	6.2	19.8
12 7	4 53.31	+31 36.0	1.491	2.468	3.6	19.6
12 17	4 41.79	+31 19.8	1.496	2.459	5.9	19.7
12 27	4 31.78	+30 52.7	1.528	2.450	10.1	19.9
1 6	4 24.49	+30 20.2	1.584	2.441	14.1	20.1

414309 2008 RF_{79} 12 6.7 25°.62 5°.7/ 8.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.46	+38 15.8	1.910	2.663	16.5	20.6
11 7	5 19.72	+38 42.7	1.834	2.672	13.7	20.4
11 17	5 12.88	+38 56.4	1.778	2.680	10.6	20.3
11 27	5 3.69	+38 52.7	1.745	2.690	7.5	20.1
12 7	4 53.35	+38 29.4	1.739	2.700	5.7	20.0
12 17	4 43.27	+37 47.4	1.760	2.710	6.7	20.1
12 27	4 34.82	+36 51.5	1.808	2.721	9.4	20.3
1 6	4 28.95	+35 48.4	1.881	2.733	12.4	20.5

227135 2005 OE_{13} 12 6.7 50°.20 0°.2/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.94	+21 51.8	1.328	2.130	20.1	20.1
11 7	5 22.25	+22 11.2	1.265	2.144	16.0	19.8
11 17	5 14.93	+22 29.5	1.221	2.159	11.1	19.6
11 27	5 4.82	+22 45.2	1.200	2.174	5.6	19.3
12 7	4 53.33	+22 56.8	1.205	2.190	0.2	19.0
12 17	4 42.17	+23 4.6	1.236	2.206	5.8	19.4
12 27	4 32.97	+23 10.8	1.293	2.222	10.9	19.8
1 6	4 26.84	+23 18.0	1.373	2.238	15.3	20.1

225432 2000 CJ_{35} 12 6.7 270°.62 4°.2/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.67	+36 37.3	2.369	3.111	14.0	20.2
11 7	5 19.29	+36 48.3	2.272	3.105	11.6	20.1
11 17	5 12.32	+36 48.6	2.196	3.100	8.8	19.9
11 27	5 3.37	+36 35.0	2.145	3.094	6.0	19.7
12 7	4 53.39	+36 6.1	2.122	3.088	4.3	19.6
12 17	4 43.49	+35 22.8	2.128	3.082	5.4	19.6
12 27	4 34.82	+34 28.7	2.163	3.077	8.1	19.8
1 6	4 28.25	+33 29.0	2.225	3.071	11.0	20.0

335016 2004 KJ_{6} 12 6.7 58°.13 0°.2/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 32.34	+21 15.3	1.354	2.143	20.4	19.7
11 7	5 26.76	+21 46.8	1.310	2.181	16.1	19.6
11 17	5 17.63	+22 17.5	1.285	2.219	11.0	19.4
11 27	5 5.97	+22 44.9	1.285	2.258	5.5	19.2
12 7	4 53.33	+23 7.1	1.311	2.296	0.3	18.9
12 17	4 41.39	+23 23.8	1.365	2.334	5.5	19.4
12 27	4 31.65	+23 37.0	1.446	2.371	10.3	19.7
1 6	4 25.03	+23 49.5	1.551	2.408	14.3	20.1

71123 1999 XM_{168} 12 6.7 40°.10 0°.5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.43	+28 29.7	1.524	2.313	18.5	18.7
11 7	5 20.57	+27 37.3	1.452	2.323	14.8	18.5
11 17	5 13.45	+26 32.3	1.400	2.334	10.3	18.2
11 27	5 3.94	+25 15.5	1.373	2.346	5.3	18.0
12 7	4 53.39	+23 50.1	1.372	2.357	0.5	17.7
12 17	4 43.29	+22 22.4	1.400	2.370	5.3	18.0
12 27	4 35.03	+20 59.7	1.455	2.382	10.1	18.4
1 6	4 29.51	+19 48.0	1.535	2.395	14.3	18.6

16817 Onderlička 12 6.7 312°.19 2°.6/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.99	+27 15.9	1.471	2.267	18.7	18.5
11 7	5 20.29	+27 43.6	1.377	2.251	15.3	18.2
11 17	5 13.98	+28 6.6	1.302	2.236	11.0	17.9
11 27	5 4.60	+28 21.5	1.250	2.221	6.2	17.6
12 7	4 53.36	+28 25.5	1.224	2.206	2.6	17.3
12 17	4 41.89	+28 18.0	1.224	2.192	6.1	17.5
12 27	4 32.03	+28 2.1	1.249	2.178	11.2	17.8
1 6	4 25.15	+27 42.9	1.298	2.165	15.9	18.0

115007 2003 QZ_{77} 12 6.7 6°.63 10°.4/ 9.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.76	+45 51.5	1.685	2.422	19.0	18.4
11 7	5 22.09	+47 14.0	1.612	2.424	16.5	18.2
11 17	5 15.36	+48 20.0	1.558	2.426	14.0	18.1
11 27	5 5.28	+49 0.8	1.524	2.430	11.7	18.0
12 7	4 53.34	+49 10.0	1.513	2.435	10.4	17.9
12 17	4 41.50	+48 46.0	1.527	2.440	10.9	17.9
12 27	4 31.76	+47 53.5	1.564	2.447	12.7	18.1
1 6	4 25.50	+46 41.8	1.623	2.455	15.1	18.2

521915 2015 UO_{45} 12 6.7 119°.96 3°.0/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.99	+13 56.7	2.088	2.863	14.6	21.7
11 7	5 17.72	+13 45.3	2.005	2.868	11.7	21.5
11 17	5 11.12	+13 37.1	1.945	2.872	8.3	21.3
11 27	5 2.74	+13 33.6	1.910	2.876	4.9	21.1
12 7	4 53.44	+13 36.1	1.903	2.880	3.1	21.0
12 17	4 44.23	+13 45.3	1.926	2.884	5.4	21.2
12 27	4 36.12	+14 2.0	1.977	2.888	8.9	21.4
1 6	4 29.90	+14 25.9	2.054	2.892	12.1	21.6

448913 2011 UK_{364} 12 6.7 283°.53 10°.1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 36.61	+42 55.2	1.912	2.629	17.7	20.5
11 7	5 31.59	+45 9.1	1.827	2.626	15.4	20.4
11 17	5 22.29	+47 14.9	1.762	2.624	12.9	20.2
11 27	5 9.08	+49 1.6	1.721	2.622	10.9	20.1
12 7	4 53.22	+50 19.0	1.707	2.619	10.1	20.0
12 17	4 36.69	+51 1.3	1.719	2.617	10.9	20.0
12 27	4 21.84	+51 9.7	1.758	2.615	12.9	20.2
1 6	4 10.53	+50 52.3	1.818	2.613	15.3	20.3

231237 2005 XW_{84} 12 6.7 25°.14 2°.9/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.91	+30 12.4	1.502	2.289	18.8	20.1
11 7	5 21.43	+30 18.5	1.424	2.291	15.3	19.9
11 17	5 14.41	+30 14.6	1.365	2.294	11.0	19.7
11 27	5 4.61	+29 57.7	1.329	2.297	6.3	19.4
12 7	4 53.39	+29 26.8	1.319	2.300	2.9	19.2
12 17	4 42.37	+28 44.0	1.337	2.304	5.9	19.4
12 27	4 33.20	+27 54.7	1.380	2.308	10.5	19.7
1 6	4 26.99	+27 5.6	1.447	2.312	14.7	19.9

326739 2003 QS_{15} 12 6.7 31°.50 4°.7/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.75	+16 39.6	1.088	1.913	22.1	20.4
11 7	5 19.34	+15 40.8	1.032	1.923	17.7	20.1
11 17	5 13.09	+14 41.6	0.993	1.934	12.5	19.9
11 27	5 3.93	+13 47.1	0.975	1.947	7.2	19.6
12 7	4 53.42	+13 2.9	0.981	1.960	4.8	19.5
12 17	4 43.35	+12 33.6	1.011	1.973	8.4	19.8
12 27	4 35.41	+12 22.2	1.065	1.988	13.4	20.1
1 6	4 30.67	+12 28.7	1.139	2.003	17.8	20.4

306761 2000 YR_{125} 12 6.7 23°.73 10°.8/10.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.52	+45 4.2	1.331	2.090	22.2	19.4
11 7	5 24.96	+46 10.8	1.271	2.099	19.2	19.2
11 17	5 17.61	+46 56.2	1.226	2.110	15.8	19.0
11 27	5 6.42	+47 10.7	1.200	2.121	12.7	18.9
12 7	4 53.33	+46 47.8	1.196	2.133	10.9	18.8
12 17	4 40.76	+45 48.0	1.216	2.147	11.3	18.9
12 27	4 30.97	+44 20.0	1.259	2.161	13.6	19.1
1 6	4 25.26	+42 37.0	1.323	2.176	16.6	19.3

284956 2010 EF_{130} 12 6.7 146°.74 5°.3/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.63	+37 53.6	2.343	3.069	14.5	21.5
11 7	5 24.85	+38 37.4	2.260	3.080	12.1	21.3
11 17	5 16.22	+39 11.2	2.197	3.090	9.4	21.2
11 27	5 5.37	+39 30.2	2.161	3.099	6.7	21.0
12 7	4 53.37	+39 31.4	2.152	3.108	5.3	21.0
12 17	4 41.51	+39 14.4	2.174	3.116	6.2	21.0
12 27	4 31.06	+38 42.4	2.224	3.124	8.6	21.2
1 6	4 22.97	+38 0.8	2.300	3.131	11.2	21.4

366557 2002 RM_{141} 12 6.7 49.°85 4.°3/ 8.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.87	+35 32.8	2.108	2.860	15.2	20.6
11 7	5 19.53	+35 51.0	2.035	2.876	12.4	20.5
11 17	5 12.48	+35 58.3	1.984	2.893	9.3	20.3
11 27	5 3.42	+35 51.7	1.957	2.909	6.2	20.2
12 7	4 53.44	+35 29.9	1.957	2.926	4.3	20.1
12 17	4 43.74	+34 54.1	1.987	2.943	5.5	20.2
12 27	4 35.48	+34 8.2	2.044	2.960	8.4	20.4
1 6	4 29.50	+33 17.7	2.128	2.977	11.3	20.6

176963 2002 XG_{53} 12 6.7 64.°67 1.°8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.94	+30 0.2	1.813	2.586	16.6	19.8
11 7	5 20.54	+29 36.1	1.738	2.598	13.3	19.6
11 17	5 13.23	+29 1.6	1.684	2.611	9.4	19.4
11 27	5 3.80	+28 15.6	1.656	2.624	5.1	19.2
12 7	4 53.43	+27 19.4	1.655	2.638	1.8	19.0
12 17	4 43.42	+26 16.5	1.683	2.651	4.8	19.3
12 27	4 35.02	+25 12.3	1.739	2.664	8.9	19.5
1 6	4 29.06	+24 12.2	1.821	2.678	12.6	19.8

486415 2013 EW_{110} 12 6.7 344.°09 0.°7/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.42	+22 16.7	1.598	2.393	17.6	20.7
11 7	5 19.24	+22 48.5	1.512	2.387	14.1	20.5
11 17	5 12.87	+23 20.5	1.446	2.382	9.9	20.2
11 27	5 3.90	+23 50.8	1.404	2.377	5.1	19.9
12 7	4 53.42	+24 17.4	1.388	2.373	0.7	19.6
12 17	4 42.87	+24 39.2	1.400	2.370	5.3	19.9
12 27	4 33.76	+24 57.2	1.439	2.367	10.1	20.2
1 6	4 27.25	+25 13.5	1.502	2.365	14.4	20.5

494085 2016 CK_{9} 12 6.7 332.°29 6.°4/ 5.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.06	+ 4 30.1	2.228	2.993	14.1	20.7
11 7	5 14.47	+ 3 51.3	2.143	2.989	11.7	20.5
11 17	5 8.81	+ 3 20.4	2.080	2.984	9.2	20.4
11 27	5 1.57	+ 3 1.3	2.041	2.980	7.1	20.2
12 7	4 53.50	+ 2 57.0	2.030	2.976	6.4	20.2
12 17	4 45.47	+ 3 8.9	2.047	2.973	7.7	20.3
12 27	4 38.35	+ 3 37.2	2.090	2.969	10.2	20.4
1 6	4 32.87	+ 4 19.8	2.158	2.966	12.7	20.6

272019 2005 EY_{23} 12 6.7 183.°16 8.°4/10.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 31.51	+51 49.6	2.840	3.497	13.6	21.3
11 7	5 25.93	+52 49.7	2.752	3.497	12.1	21.1
11 17	5 17.20	+53 35.7	2.684	3.497	10.5	21.0
11 27	5 5.96	+54 1.8	2.638	3.496	9.2	20.9
12 7	4 53.36	+54 3.7	2.618	3.496	8.5	20.9
12 17	4 40.81	+53 40.3	2.623	3.495	8.6	20.9
12 27	4 29.77	+52 54.3	2.655	3.494	9.7	21.0
1 6	4 21.32	+51 51.6	2.712	3.493	11.1	21.1

475826 2007 AU_{30} 12 6.7 1.°64 4.°4/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.03	+12 26.7	1.332	2.137	19.9	21.1
11 7	5 19.98	+12 20.0	1.258	2.136	16.1	20.8
11 17	5 13.48	+12 20.8	1.202	2.136	11.6	20.6
11 27	5 4.21	+12 31.7	1.168	2.136	6.9	20.3
12 7	4 53.43	+12 54.1	1.159	2.136	4.5	20.2
12 17	4 42.69	+13 28.1	1.176	2.137	7.6	20.3
12 27	4 33.63	+14 13.0	1.218	2.139	12.3	20.6
1 6	4 27.43	+15 6.7	1.282	2.141	16.6	20.9

308773 2006 PU_{5} 12 6.7 47.°13 7.°4/ 9.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.37	+40 22.9	1.622	2.375	19.0	20.3
11 7	5 24.27	+41 6.2	1.557	2.391	16.0	20.1
11 17	5 16.37	+41 33.5	1.511	2.407	12.6	19.9
11 27	5 5.56	+41 38.5	1.486	2.424	9.3	19.8
12 7	4 53.39	+41 17.4	1.487	2.441	7.4	19.7
12 17	4 41.67	+40 31.4	1.514	2.458	8.2	19.8
12 27	4 32.09	+39 26.9	1.567	2.476	10.9	20.0
1 6	4 25.73	+38 13.0	1.644	2.494	14.0	20.3

127470 2002 RY_{98} 12 6.7 124.°97 0.°2/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.74	+22 20.9	2.717	3.480	11.9	20.3
11 7	5 16.21	+22 19.0	2.632	3.490	9.4	20.1
11 17	5 9.79	+22 15.0	2.571	3.500	6.5	20.0
11 27	5 1.99	+22 8.6	2.537	3.509	3.3	19.8
12 7	4 53.51	+22 0.3	2.533	3.518	0.2	19.5
12 17	4 45.13	+21 50.9	2.561	3.528	3.5	19.8
12 27	4 37.65	+21 41.7	2.618	3.536	6.6	20.0
1 6	4 31.70	+21 34.5	2.702	3.545	9.4	20.2

136470 2005 FY_{6} 12 6.7 180.°20 6.°0/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.91	+ 5 20.9	2.321	3.076	13.9	20.4
11 7	5 17.34	+ 4 35.9	2.237	3.077	11.5	20.2
11 17	5 10.70	+ 3 57.6	2.175	3.078	8.9	20.0
11 27	5 2.50	+ 3 29.8	2.139	3.078	6.7	19.9
12 7	4 53.49	+ 3 15.5	2.131	3.078	6.1	19.9
12 17	4 44.56	+ 3 16.5	2.152	3.077	7.5	19.9
12 27	4 36.58	+ 3 33.2	2.201	3.076	9.9	20.1
1 6	4 30.26	+ 4 4.0	2.275	3.074	12.4	20.3

395931 2013 AY_{104} 12 6.7 54.°47 7.°0/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.12	+ 6 3.6	1.764	2.542	16.8	20.3
11 7	5 17.32	+ 5 16.1	1.694	2.550	13.8	20.1
11 17	5 10.96	+ 4 37.2	1.645	2.558	10.6	19.9
11 27	5 2.70	+ 4 11.7	1.620	2.566	7.9	19.8
12 7	4 53.49	+ 4 3.1	1.621	2.574	7.0	19.7
12 17	4 44.46	+ 4 13.4	1.649	2.583	8.6	19.8
12 27	4 36.71	+ 4 42.0	1.703	2.591	11.5	20.0
1 6	4 31.06	+ 5 26.5	1.780	2.600	14.5	20.2

474199 2000 CA_{141} 12 6.7 49.°30 4.°4/ 7.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.14	+32 49.6	1.348	2.136	20.5	21.0
11 7	5 23.58	+33 5.7	1.281	2.147	16.7	20.8
11 17	5 16.06	+33 9.0	1.233	2.158	12.3	20.6
11 27	5 5.47	+32 55.1	1.206	2.170	7.5	20.3
12 7	4 53.41	+32 22.0	1.205	2.182	4.4	20.2
12 17	4 41.77	+31 32.4	1.229	2.194	6.7	20.4
12 27	4 32.35	+30 32.9	1.280	2.207	11.2	20.6
1 6	4 26.29	+29 32.3	1.353	2.220	15.4	20.9

482061 2010 BN_{62} 12 6.7 173.°99 8.°4/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.30	− 3 39.3	2.173	2.894	15.6	21.2
11 7	5 21.72	− 3 52.2	2.090	2.897	13.4	21.1
11 17	5 13.80	− 3 49.8	2.028	2.899	11.1	20.9
11 27	5 4.09	− 3 27.8	1.990	2.900	9.1	20.8
12 7	4 53.46	− 2 43.9	1.980	2.901	8.4	20.8
12 17	4 42.89	− 1 38.4	1.998	2.901	9.3	20.8
12 27	4 33.42	− 0 13.9	2.045	2.901	11.4	21.0
1 6	4 25.83	+ 1 24.8	2.117	2.901	13.8	21.1

394202 2006 SY_{102} 12 6.7 133.°88 0.°3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.39	+24 5.6	2.496	3.253	13.0	22.7
11 7	5 19.99	+24 3.4	2.416	3.269	10.3	22.5
11 17	5 12.45	+23 57.8	2.358	3.284	7.1	22.4
11 27	5 3.34	+23 48.0	2.328	3.299	3.6	22.2
12 7	4 53.49	+23 34.4	2.328	3.313	0.3	21.9
12 17	4 43.82	+23 17.9	2.359	3.326	3.7	22.2
12 27	4 35.24	+23 0.5	2.421	3.339	7.1	22.5
1 6	4 28.44	+22 44.7	2.510	3.351	10.1	22.7

326779 2003 SM_{224} 12 6.7 144.°91 4.°6/ 8.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.30	+36 32.8	2.532	3.267	13.4	20.9
11 7	5 20.45	+37 13.0	2.444	3.271	11.1	20.7
11 17	5 13.09	+37 44.6	2.377	3.275	8.5	20.5
11 27	5 3.80	+38 4.0	2.336	3.279	6.0	20.4
12 7	4 53.47	+38 8.6	2.323	3.283	4.6	20.3
12 17	4 43.19	+37 58.3	2.340	3.287	5.6	20.4
12 27	4 34.06	+37 35.1	2.386	3.290	7.9	20.5
1 6	4 26.94	+37 3.4	2.458	3.293	10.5	20.7

154522 2003 FL_{91} 12 6.7 168.°97 4.°0/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.41	+29 56.1	1.903	2.661	16.4	19.8
11 7	5 25.30	+30 59.9	1.815	2.664	13.4	19.6
11 17	5 16.96	+31 59.8	1.749	2.666	9.8	19.4
11 27	5 5.95	+32 50.7	1.708	2.668	6.1	19.2
12 7	4 53.41	+33 28.0	1.695	2.669	4.0	19.0
12 17	4 40.77	+33 49.5	1.712	2.671	6.0	19.2
12 27	4 29.58	+33 56.6	1.758	2.671	9.6	19.4
1 6	4 21.00	+33 53.8	1.828	2.671	13.1	19.6

88408 2001 QC_{28} 12 6.7 62.°06 1.°7/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.37	+26 2.8	1.408	2.198	19.7	19.3
11 7	5 23.93	+26 20.4	1.351	2.222	15.7	19.1
11 17	5 15.93	+26 32.3	1.312	2.245	10.9	18.9
11 27	5 5.27	+26 35.9	1.298	2.269	5.8	18.7
12 7	4 53.44	+26 30.0	1.309	2.293	1.7	18.5
12 17	4 42.09	+26 16.1	1.348	2.317	5.6	18.8
12 27	4 32.79	+25 57.9	1.413	2.341	10.3	19.2
1 6	4 26.54	+25 40.1	1.502	2.364	14.4	19.5

32657 4721 *P–L* 12 6.7 268.°15 1.°2/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.16	+25 56.1	1.986	2.761	15.3	19.4
11 7	5 19.12	+26 4.5	1.896	2.758	12.2	19.2
11 17	5 12.38	+26 8.4	1.826	2.756	8.6	19.0
11 27	5 3.52	+26 6.1	1.782	2.753	4.6	18.8
12 7	4 53.51	+25 57.2	1.767	2.751	1.2	18.5
12 17	4 43.54	+25 42.4	1.780	2.748	4.6	18.7
12 27	4 34.81	+25 24.2	1.822	2.745	8.6	19.0
1 6	4 28.27	+25 6.0	1.889	2.743	12.3	19.2

74620 1999 RZ_{27} 12 6.7 79.°07 1.°7/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.76	+27 36.6	1.422	2.212	19.6	19.7
11 7	5 23.62	+27 33.8	1.354	2.224	15.7	19.5
11 17	5 15.85	+27 22.5	1.304	2.236	11.1	19.2
11 27	5 5.32	+27 0.7	1.277	2.248	5.9	19.0
12 7	4 53.47	+26 28.3	1.277	2.261	1.7	18.7
12 17	4 41.99	+25 48.0	1.304	2.273	5.7	19.0
12 27	4 32.52	+25 5.3	1.357	2.285	10.6	19.3
1 6	4 26.11	+24 25.9	1.434	2.297	14.9	19.6

29067 3856 T-3 12 6.7 204°.48 3°.8/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.37	+11 54.2	2.539	3.306	12.5	19.7
11 7	5 15.24	+11 13.7	2.448	3.303	10.1	19.5
11 17	5 9.21	+10 35.3	2.380	3.300	7.4	19.3
11 27	5 1.76	+10 1.6	2.338	3.297	4.8	19.1
12 7	4 53.58	+ 9 35.0	2.326	3.293	3.9	19.1
12 17	4 45.44	+ 9 17.5	2.344	3.290	5.6	19.2
12 27	4 38.15	+ 9 10.5	2.390	3.286	8.3	19.4
1 6	4 32.36	+ 9 14.0	2.463	3.282	11.0	19.5

21294 1996 VZ_8 12 6.7 47°.80 1°.7/ 6.4 18

10 28	5 25.18	+19 53.3	1.200	2.012	21.2	18.0
11 7	5 21.85	+19 40.7	1.142	2.027	16.9	17.7
11 17	5 14.74	+19 27.1	1.103	2.043	11.7	17.5
11 27	5 4.78	+19 13.2	1.085	2.059	6.0	17.2
12 7	4 53.48	+19 0.4	1.092	2.076	1.7	17.0
12 17	4 42.63	+18 50.8	1.125	2.094	6.5	17.4
12 27	4 33.89	+18 47.1	1.183	2.111	11.8	17.7
1 6	4 28.33	+18 51.1	1.262	2.129	16.3	18.0

290705 2005 UB_{392} 12 6.7 302°.91 1°.2/ 6.4 18

10 28	5 21.34	+19 37.3	2.069	2.848	14.6	21.6
11 7	5 17.40	+19 28.8	1.979	2.846	11.6	21.4
11 17	5 11.03	+19 19.5	1.912	2.845	8.1	21.1
11 27	5 2.79	+19 9.7	1.871	2.843	4.2	20.9
12 7	4 53.55	+19 0.3	1.858	2.842	1.3	20.7
12 17	4 44.36	+18 52.6	1.874	2.840	4.6	20.9
12 27	4 36.28	+18 48.1	1.919	2.839	8.5	21.2
1 6	4 30.15	+18 48.6	1.990	2.838	12.0	21.4

435526 2008 KF_{15} 12 6.7 348°.59 3°.8/ 5.7 18

10 28	5 21.87	+17 33.1	1.355	2.164	19.4	20.9
11 7	5 19.02	+16 42.4	1.278	2.161	15.6	20.7
11 17	5 12.78	+15 49.2	1.220	2.158	11.1	20.4
11 27	5 3.86	+14 57.3	1.185	2.156	6.3	20.1
12 7	4 53.52	+14 11.0	1.175	2.155	3.8	20.0
12 17	4 43.32	+13 34.8	1.192	2.154	7.4	20.2
12 27	4 34.82	+13 12.7	1.233	2.153	12.2	20.5
1 6	4 29.12	+13 6.1	1.296	2.153	16.6	20.7

514241 2015 PO_2 12 6.7 141°.80 18°.1/ 5.7 18

10 28	5 27.18	−32 39.3	2.094	2.662	19.9	21.2
11 7	5 21.97	−34 4.6	2.054	2.665	19.2	21.2
11 17	5 14.08	−34 59.9	2.025	2.668	18.6	21.1
11 27	5 4.24	−35 16.8	2.011	2.671	18.2	21.1
12 7	4 53.52	−34 50.4	2.011	2.674	18.1	21.1
12 17	4 43.10	−33 39.5	2.028	2.676	18.3	21.1
12 27	4 34.14	−31 47.6	2.060	2.679	18.7	21.2
1 6	4 27.43	−29 22.0	2.108	2.681	19.4	21.2

21987 1999 XH_{18} 12 6.7 57°.11 3°.7/ 5.8 18

10 28	5 24.84	+16 24.1	1.489	2.284	18.6	18.3
11 7	5 20.53	+15 34.0	1.436	2.310	14.7	18.1
11 17	5 13.23	+14 44.7	1.403	2.336	10.3	17.9
11 27	5 3.81	+13 59.5	1.394	2.363	5.9	17.8
12 7	4 53.54	+13 22.1	1.412	2.390	3.8	17.7
12 17	4 43.78	+12 55.4	1.458	2.417	6.7	17.9
12 27	4 35.76	+12 41.7	1.530	2.443	10.8	18.2
1 6	4 30.29	+12 41.3	1.625	2.470	14.4	18.5

300848 2007 YX_{14} 12 6.7 294°.21 3°.4/ 6.9 17 R

10 28	5 26.53	+27 44.4	1.860	2.631	16.3	20.1
11 7	5 22.43	+28 48.7	1.762	2.620	13.3	19.9
11 17	5 15.14	+29 51.8	1.685	2.609	9.6	19.6
11 27	5 5.16	+30 49.3	1.634	2.598	5.8	19.4
12 7	4 53.50	+31 36.5	1.610	2.587	3.4	19.2
12 17	4 41.55	+32 10.5	1.615	2.577	5.8	19.4
12 27	4 30.85	+32 31.7	1.648	2.566	9.8	19.6
1 6	4 22.66	+32 43.3	1.706	2.556	13.6	19.8

422617 2014 UH_{10} 12 6.7 37°.65 2°.3/ 6.1 18

10 28	5 19.14	+17 12.6	2.123	2.904	14.2	21.2
11 7	5 15.44	+16 48.6	2.045	2.913	11.3	21.0
11 17	5 9.52	+16 24.8	1.990	2.921	7.9	20.8
11 27	5 1.96	+16 2.6	1.960	2.930	4.3	20.6
12 7	4 53.61	+15 43.8	1.959	2.939	2.3	20.5
12 17	4 45.39	+15 30.2	1.987	2.949	4.9	20.7
12 27	4 38.27	+15 23.2	2.043	2.959	8.4	20.9
1 6	4 32.95	+15 23.8	2.125	2.969	11.5	21.1

50224 2000 AS_{239} 12 6.7 261°.08 2°.8/ 6.2 18

10 28	5 23.69	+14 2.2	2.138	2.907	14.5	18.5
11 7	5 19.34	+14 1.3	2.030	2.889	11.7	18.3
11 17	5 12.50	+14 4.2	1.944	2.870	8.4	18.0
11 27	5 3.64	+14 12.1	1.884	2.851	4.8	17.8
12 7	4 53.56	+14 25.7	1.853	2.832	2.8	17.6
12 17	4 43.28	+14 45.6	1.852	2.812	5.4	17.7
12 27	4 33.95	+15 12.0	1.880	2.792	9.2	17.9
1 6	4 26.48	+15 44.9	1.934	2.771	12.8	18.1

376641 2013 PF_{71} 12 6.7 122°.16 1°.5/ 7.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.75	+28 27.1	2.657	3.413	12.3	21.0
11 7	5 17.17	+28 28.5	2.571	3.422	9.8	20.9
11 17	5 10.56	+28 24.4	2.508	3.430	7.0	20.7
11 27	5 2.45	+28 13.5	2.472	3.439	3.8	20.5
12 7	4 53.61	+27 55.9	2.465	3.447	1.5	20.3
12 17	4 44.89	+27 32.4	2.489	3.455	3.7	20.5
12 27	4 37.16	+27 5.4	2.543	3.463	6.7	20.7
1 6	4 31.09	+26 37.8	2.625	3.471	9.5	20.9

270630 2002 PB_{51} 12 6.7 170°.76 4°.0/ 5.6 17

10 28	5 19.36	+10 17.6	2.503	3.268	12.7	21.2
11 7	5 15.25	+ 9 50.9	2.416	3.269	10.3	21.0
11 17	5 9.23	+ 9 28.4	2.352	3.270	7.6	20.9
11 27	5 1.80	+ 9 12.3	2.314	3.271	5.0	20.7
12 7	4 53.63	+ 9 4.4	2.306	3.272	4.0	20.7
12 17	4 45.51	+ 9 6.1	2.327	3.272	5.7	20.8
12 27	4 38.25	+ 9 17.9	2.376	3.273	8.3	20.9
1 6	4 32.51	+ 9 39.4	2.452	3.273	11.0	21.1

50412 Ewen 12 6.7 22°.23 0°.7/ 6.6 18

10 28	5 22.26	+20 53.5	1.686	2.477	16.9	18.5
11 7	5 18.72	+20 54.6	1.607	2.480	13.5	18.3
11 17	5 12.25	+20 54.4	1.548	2.483	9.4	18.0
11 27	5 3.51	+20 52.9	1.513	2.487	4.8	17.8
12 7	4 53.57	+20 50.3	1.506	2.491	0.7	17.5
12 17	4 43.75	+20 47.5	1.527	2.495	5.1	17.8
12 27	4 35.34	+20 46.5	1.575	2.500	9.6	18.1
1 6	4 29.33	+20 49.2	1.647	2.505	13.6	18.4

244365 2002 NY_{41} 12 6.7 97°.51 1°.3/ 6.5 18

10 28	5 25.85	+18 41.9	1.980	2.752	15.4	20.9
11 7	5 20.82	+18 41.7	1.910	2.773	12.2	20.8
11 17	5 13.26	+18 41.8	1.862	2.793	8.4	20.6
11 27	5 3.85	+18 42.3	1.841	2.812	4.3	20.4
12 7	4 53.57	+18 43.5	1.848	2.831	1.4	20.2
12 17	4 43.55	+18 46.3	1.885	2.850	4.7	20.5
12 27	4 34.85	+18 51.8	1.951	2.869	8.5	20.7
1 6	4 28.27	+19 1.2	2.042	2.886	11.9	21.0

55230 2001 RO_{73} 12 6.7 290°.24 3°.7/ 7.6 18

10 28	5 25.86	+31 39.0	1.590	2.369	18.3	19.6
11 7	5 22.26	+31 53.4	1.502	2.363	15.0	19.4
11 17	5 15.13	+31 57.8	1.433	2.357	11.0	19.1
11 27	5 5.12	+31 48.3	1.387	2.351	6.6	18.9
12 7	4 53.53	+31 22.6	1.367	2.345	3.7	18.7
12 17	4 41.98	+30 42.0	1.374	2.339	6.1	18.8
12 27	4 32.16	+29 51.6	1.408	2.334	10.5	19.1
1 6	4 25.28	+28 58.4	1.466	2.328	14.7	19.3

415011 2011 HL_{34} 12 6.7 280°.07 2°.8/ 5.7 18

10 28	5 18.95	+16 8.8	2.426	3.199	12.9	21.2
11 7	5 15.18	+15 28.9	2.320	3.183	10.3	21.0
11 17	5 9.35	+14 48.0	2.238	3.166	7.3	20.8
11 27	5 1.93	+14 8.1	2.182	3.149	4.3	20.6
12 7	4 53.63	+13 31.8	2.156	3.132	2.8	20.4
12 17	4 45.28	+13 1.3	2.159	3.115	5.1	20.6
12 27	4 37.79	+12 39.1	2.191	3.098	8.4	20.7
1 6	4 31.87	+12 26.4	2.249	3.081	11.4	20.9

19270 1995 VS_8 12 6.7 157°.48 0°.4/ 6.8 18

10 28	5 22.38	+23 48.5	2.201	2.972	14.1	19.3
11 7	5 18.15	+23 54.5	2.112	2.974	11.2	19.1
11 17	5 11.52	+23 57.5	2.045	2.975	7.8	18.9
11 27	5 3.04	+23 56.7	2.004	2.976	4.0	18.6
12 7	4 53.60	+23 52.0	1.992	2.977	0.4	18.4
12 17	4 44.21	+23 44.0	2.009	2.977	4.1	18.7
12 27	4 35.92	+23 34.6	2.056	2.978	7.9	18.9
1 6	4 29.55	+23 26.1	2.129	2.979	11.3	19.1

303567 2005 GS_{90} 12 6.7 210°.28 0°.9/ 6.9 18

10 28	5 24.56	+26 1.8	2.231	2.994	14.1	21.4
11 7	5 19.92	+26 0.9	2.133	2.990	11.3	21.2
11 17	5 12.79	+25 55.1	2.057	2.984	8.0	21.0
11 27	5 3.72	+25 43.1	2.008	2.978	4.2	20.8
12 7	4 53.59	+25 24.8	1.988	2.972	0.9	20.5
12 17	4 43.49	+25 1.3	1.998	2.965	4.2	20.7
12 27	4 34.51	+24 35.3	2.037	2.958	8.0	21.0
1 6	4 27.51	+24 10.0	2.103	2.951	11.5	21.2

7878 1992 DZ 12 6.7 283°.06 8°.0/ 5.1 18

10 28	5 21.09	+ 2 56.5	1.851	2.619	16.5	17.4
11 7	5 17.43	+ 2 7.4	1.763	2.608	13.9	17.2
11 17	5 11.21	+ 1 28.3	1.696	2.598	11.1	17.0
11 27	5 2.98	+ 1 4.5	1.653	2.587	8.8	16.9
12 7	4 53.62	+ 1 0.4	1.635	2.577	8.1	16.8
12 17	4 44.22	+ 1 18.1	1.644	2.566	9.6	16.9
12 27	4 35.93	+ 1 57.5	1.679	2.556	12.3	17.0
1 6	4 29.65	+ 2 55.6	1.736	2.545	15.3	17.2

147106 2002 TE_{43} 12 6.7 12°.16 5°.7/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.94	+32 56.7	1.521	2.295	19.2	19.4
11 7	5 25.10	+34 0.6	1.440	2.295	15.8	19.2
11 17	5 17.37	+34 57.1	1.378	2.295	11.9	18.9
11 27	5 6.38	+35 39.6	1.340	2.296	8.0	18.7
12 7	4 53.52	+36 2.2	1.326	2.296	5.7	18.6
12 17	4 40.61	+36 2.9	1.340	2.296	7.6	18.7
12 27	4 29.59	+35 45.0	1.380	2.297	11.4	18.9
1 6	4 21.86	+35 15.7	1.442	2.298	15.3	19.1

426083 2012 DE_{39} 12 6.7 217°.13 0°.4/ 6.6 17

10 28	5 27.66	+22 35.4	1.679	2.459	17.4	22.2
11 7	5 23.22	+22 24.6	1.586	2.453	14.0	21.9
11 17	5 15.55	+22 9.8	1.514	2.446	9.8	21.7
11 27	5 5.28	+21 50.7	1.466	2.439	5.0	21.4
12 7	4 53.56	+21 27.7	1.445	2.430	0.5	21.0
12 17	4 41.81	+21 2.7	1.454	2.421	5.4	21.4
12 27	4 31.55	+20 39.1	1.490	2.412	10.3	21.6
1 6	4 23.91	+20 20.7	1.550	2.402	14.6	21.9

447664 2006 WY_{93} 12 6.7 107°.51 0°.5/ 6.8 18

10 28	5 25.58	+22 11.7	2.086	2.855	14.8	21.5
11 7	5 20.77	+22 42.3	2.005	2.865	11.8	21.3
11 17	5 13.38	+23 12.3	1.945	2.874	8.2	21.1
11 27	5 4.01	+23 40.2	1.912	2.884	4.2	20.9
12 7	4 53.60	+24 4.5	1.908	2.893	0.5	20.6
12 17	4 43.26	+24 24.5	1.934	2.902	4.3	20.9
12 27	4 34.13	+24 41.0	1.990	2.911	8.2	21.2
1 6	4 27.08	+24 55.8	2.072	2.920	11.6	21.4

17957 1999 JE_{29} 12 6.7 50°.47 3°.8/ 7.6 18

10 28	5 29.17	+30 45.8	1.133	1.936	22.8	17.4
11 7	5 25.51	+31 2.0	1.083	1.958	18.4	17.2
11 17	5 17.49	+31 5.9	1.049	1.981	13.2	17.0
11 27	5 6.20	+30 53.3	1.037	2.005	7.6	16.7
12 7	4 53.54	+30 23.0	1.049	2.029	3.8	16.6
12 17	4 41.61	+29 38.2	1.086	2.054	6.8	16.9
12 27	4 32.31	+28 46.5	1.147	2.079	11.8	17.2
1 6	4 26.71	+27 56.1	1.231	2.104	16.2	17.5

181580 2006 VP_{77} 12 6.7 273°.24 0°.7/ 6.6 18

10 28	5 22.66	+20 21.6	1.993	2.771	15.1	20.7
11 7	5 18.62	+20 26.6	1.904	2.770	12.0	20.5
11 17	5 12.00	+20 31.2	1.836	2.768	8.4	20.3
11 27	5 3.36	+20 35.0	1.794	2.767	4.3	20.1
12 7	4 53.62	+20 38.0	1.780	2.765	0.7	19.8
12 17	4 43.91	+20 40.9	1.796	2.764	4.6	20.1
12 27	4 35.35	+20 45.0	1.840	2.762	8.7	20.3
1 6	4 28.86	+20 51.9	1.910	2.761	12.3	20.5

76714 2000 JZ_{9} 12 6.7 292°.24 8°.8/ 2.8 18

10 28	5 17.41	− 1 13.1	2.346	3.093	14.0	19.5
11 7	5 13.94	− 2 39.9	2.257	3.079	12.1	19.3
11 17	5 8.49	− 3 58.4	2.190	3.064	10.2	19.2
11 27	5 1.50	− 5 2.8	2.148	3.050	9.0	19.1
12 7	4 53.68	− 5 47.9	2.132	3.035	8.9	19.1
12 17	4 45.83	− 6 10.3	2.142	3.021	10.0	19.1
12 27	4 38.81	− 6 9.1	2.178	3.006	11.9	19.2
1 6	4 33.32	− 5 45.8	2.235	2.992	13.9	19.3

493052 2014 SP_{279} 12 6.7 74°.55 3°.1/ 7.4 18

10 28	5 24.65	+30 27.8	2.256	3.013	14.2	21.1
11 7	5 20.01	+31 7.8	2.178	3.026	11.5	20.9
11 17	5 12.83	+31 42.2	2.122	3.039	8.3	20.7
11 27	5 3.73	+32 7.7	2.091	3.052	5.1	20.6
12 7	4 53.63	+32 22.4	2.090	3.065	3.1	20.4
12 17	4 43.63	+32 25.7	2.118	3.078	4.8	20.6
12 27	4 34.85	+32 19.7	2.175	3.091	7.9	20.8
1 6	4 28.12	+32 7.7	2.258	3.104	10.9	21.0

514777 2007 GO 12 6.7 255°.11 0°.6/ 6.6 18

10 28	5 24.72	+21 57.8	1.759	2.542	16.6	22.0
11 7	5 20.79	+21 48.3	1.662	2.530	13.4	21.8
11 17	5 13.83	+21 35.7	1.585	2.518	9.4	21.5
11 27	5 4.42	+21 19.8	1.533	2.506	4.8	21.2
12 7	4 53.60	+21 1.2	1.508	2.493	0.6	20.9
12 17	4 42.70	+20 41.4	1.512	2.480	5.3	21.2
12 27	4 33.11	+20 23.4	1.544	2.467	10.0	21.5
1 6	4 25.95	+20 10.4	1.600	2.454	14.2	21.7

124297 2001 QE_{57} 12 6.7 86°.00 3°.7/ 6.1 18 R

10 28	5 25.80	+14 5.7	1.571	2.358	18.1	19.8
11 7	5 21.41	+13 46.7	1.504	2.373	14.5	19.6
11 17	5 14.02	+13 31.6	1.457	2.387	10.3	19.4
11 27	5 4.36	+13 22.5	1.434	2.402	6.0	19.2
12 7	4 53.61	+13 21.3	1.438	2.416	3.8	19.1
12 17	4 43.14	+13 29.1	1.470	2.430	6.6	19.3
12 27	4 34.26	+13 46.4	1.529	2.444	10.7	19.5
1 6	4 27.90	+14 13.0	1.612	2.458	14.5	19.8

239748 2009 YH_{16} 12 6.7 293°.38 0°.6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.32	+24 46.1	1.598	2.389	17.7	21.1
11 7	5 20.16	+24 44.1	1.499	2.372	14.3	20.9
11 17	5 13.70	+24 37.0	1.420	2.354	10.1	20.6
11 27	5 4.47	+24 23.4	1.364	2.337	5.3	20.3
12 7	4 53.61	+24 3.1	1.335	2.320	0.6	19.9
12 17	4 42.57	+23 37.4	1.334	2.303	5.5	20.2
12 27	4 32.96	+23 10.1	1.359	2.286	10.6	20.4
1 6	4 26.03	+22 45.6	1.407	2.270	15.2	20.7

332860 2010 VY_{25} 12 6.7 307°.49 2°.0/ 6.2 18

10 28	5 22.78	+21 14.0	1.329	2.137	19.7	21.1
11 7	5 20.09	+20 35.1	1.243	2.127	15.9	20.8
11 17	5 13.79	+19 50.3	1.177	2.116	11.2	20.5
11 27	5 4.53	+19 1.2	1.132	2.106	5.8	20.2
12 7	4 53.61	+18 11.0	1.113	2.097	2.1	19.9
12 17	4 42.68	+17 24.2	1.120	2.088	6.8	20.2
12 27	4 33.49	+16 46.4	1.152	2.079	12.2	20.4
1 6	4 27.29	+16 21.4	1.206	2.070	17.1	20.7

261336 2005 UC_{250} 12 6.7 109°.51 0°.1/ 6.7 18

10 28	5 23.48	+24 5.2	2.259	3.026	13.9	20.7
11 7	5 18.74	+23 44.0	2.180	3.040	11.0	20.5
11 17	5 11.73	+23 18.1	2.124	3.053	7.6	20.3
11 27	5 3.07	+22 47.8	2.095	3.067	3.8	20.1
12 7	4 53.66	+22 14.2	2.095	3.080	0.2	19.8
12 17	4 44.46	+21 39.3	2.125	3.092	4.0	20.2
12 27	4 36.45	+21 6.1	2.185	3.105	7.6	20.4
1 6	4 30.32	+20 37.3	2.271	3.117	10.8	20.6

213133 2000 ES_{66} 12 6.7 240°.18 6°.6/ 4.5 18

10 28	5 21.15	+ 5 12.1	2.281	3.039	14.0	21.2
11 7	5 16.97	+ 4 13.8	2.184	3.026	11.7	21.0
11 17	5 10.63	+ 3 21.1	2.110	3.012	9.2	20.8
11 27	5 2.62	+ 2 38.5	2.062	2.999	7.1	20.7
12 7	4 53.68	+ 2 9.8	2.041	2.984	6.6	20.6
12 17	4 44.69	+ 1 57.9	2.049	2.969	8.1	20.7
12 27	4 36.60	+ 2 3.8	2.084	2.954	10.6	20.8
1 6	4 30.16	+ 2 26.6	2.143	2.939	13.2	21.0

357263 2002 QB_{141} 12 6.7 46°.93 17°.2/ 7.2 18

10 28	5 23.00	−21 9.7	1.668	2.346	21.2	20.4
11 7	5 18.90	−22 41.9	1.635	2.363	19.7	20.3
11 17	5 12.05	−23 43.7	1.616	2.380	18.4	20.3
11 27	5 3.27	−24 6.3	1.613	2.398	17.5	20.3
12 7	4 53.66	−23 45.2	1.629	2.417	17.2	20.3
12 17	4 44.45	−22 40.2	1.664	2.435	17.4	20.4
12 27	4 36.79	−20 56.4	1.717	2.454	18.2	20.5
1 6	4 31.43	−18 42.5	1.788	2.474	19.3	20.6

119409 2001 TH_{72} 12 6.7 214°.28 1°.7/ 7.0 18 R

10 28	5 26.90	+26 6.9	1.817	2.590	16.5	19.9
11 7	5 22.49	+26 29.3	1.725	2.586	13.3	19.7
11 17	5 15.00	+26 47.7	1.654	2.582	9.5	19.5
11 27	5 5.01	+26 59.8	1.608	2.578	5.1	19.2
12 7	4 53.61	+27 3.7	1.589	2.573	1.7	19.0
12 17	4 42.17	+26 59.3	1.600	2.568	5.1	19.2
12 27	4 32.13	+26 49.0	1.639	2.562	9.5	19.4
1 6	4 24.58	+26 36.6	1.703	2.556	13.4	19.7

218052 2002 CT_{311} 12 6.7 250°.83 1°.6/ 7.2 17

10 28	5 22.63	+27 37.1	2.261	3.026	13.9	21.2
11 7	5 18.45	+27 42.3	2.162	3.019	11.2	21.0
11 17	5 11.81	+27 42.0	2.086	3.011	8.0	20.8
11 27	5 3.26	+27 34.7	2.035	3.004	4.4	20.5
12 7	4 53.66	+27 19.9	2.013	2.996	1.6	20.3
12 17	4 44.06	+26 58.3	2.021	2.988	4.2	20.5
12 27	4 35.54	+26 32.5	2.058	2.981	7.9	20.7
1 6	4 28.97	+26 6.0	2.122	2.973	11.3	20.9

229374 2005 RM_{11} 12 6.7 84°.56 3°.6/ 7.6 18

10 28	5 30.82	+31 20.2	1.582	2.352	18.7	19.9
11 7	5 25.75	+31 43.0	1.519	2.374	15.1	19.7
11 17	5 17.18	+31 56.1	1.475	2.396	10.9	19.5
11 27	5 5.99	+31 55.4	1.455	2.418	6.5	19.3
12 7	4 53.60	+31 39.2	1.461	2.439	3.6	19.2
12 17	4 41.67	+31 8.7	1.496	2.460	5.9	19.4
12 27	4 31.74	+30 29.3	1.558	2.481	10.0	19.7
1 6	4 24.82	+29 47.3	1.645	2.501	13.7	20.0

103654 2000 CX_{40} 12 6.7 311°.58 1°.4/ 6.5 18

10 28	5 21.88	+19 23.4	1.360	2.169	19.4	19.6
11 7	5 19.51	+19 24.6	1.267	2.150	15.7	19.3
11 17	5 13.56	+19 26.5	1.193	2.133	11.1	19.0
11 27	5 4.54	+19 29.3	1.141	2.115	5.8	18.7
12 7	4 53.63	+19 33.2	1.114	2.098	1.4	18.3
12 17	4 42.44	+19 39.2	1.112	2.082	6.4	18.6
12 27	4 32.78	+19 48.8	1.136	2.066	12.0	18.9
1 6	4 26.07	+20 4.3	1.182	2.050	17.0	19.1

288842 2004 RO_{202} 12 6.7 44.°64 0.°8/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.03	+27 1.0	2.010	2.785	15.1	20.1
11 7	5 18.04	+26 40.2	1.928	2.791	12.1	19.9
11 17	5 11.50	+26 12.2	1.868	2.798	8.4	19.7
11 27	5 3.05	+25 36.5	1.833	2.804	4.4	19.4
12 7	4 53.68	+24 54.2	1.827	2.811	0.8	19.2
12 17	4 44.52	+24 8.0	1.850	2.818	4.3	19.5
12 27	4 36.67	+23 21.8	1.901	2.826	8.3	19.7
1 6	4 30.92	+22 39.4	1.979	2.833	11.8	20.0

260539 2005 EB_{154} 12 6.7 209.°86 5.°4/ 8.1 18

10 28	5 29.34	+38 7.7	2.423	3.148	14.1	21.3
11 7	5 24.02	+38 51.6	2.323	3.142	11.9	21.1
11 17	5 15.85	+39 26.4	2.244	3.135	9.3	21.0
11 27	5 5.39	+39 47.1	2.190	3.128	6.8	20.8
12 7	4 53.62	+39 50.4	2.165	3.120	5.4	20.7
12 17	4 41.78	+39 35.4	2.169	3.111	6.3	20.7
12 27	4 31.17	+39 4.6	2.202	3.102	8.7	20.9
1 6	4 22.82	+38 23.0	2.261	3.092	11.4	21.0

38724 2000 QW_{129} 12 6.7 44.°79 4.°5/ 5.9 18

10 28	5 22.56	+13 53.1	1.466	2.265	18.6	18.7
11 7	5 19.10	+13 15.6	1.399	2.275	15.0	18.4
11 17	5 12.55	+12 41.4	1.352	2.285	10.7	18.2
11 27	5 3.68	+12 13.8	1.329	2.295	6.5	18.0
12 7	4 53.67	+11 56.1	1.331	2.306	4.5	17.9
12 17	4 43.92	+11 50.5	1.360	2.317	7.3	18.1
12 27	4 35.77	+11 58.4	1.414	2.329	11.4	18.4
1 6	4 30.19	+12 19.0	1.492	2.340	15.3	18.7

65439 2002 TV_{281} 12 6.7 49.°61 5.°9/ 8.1 18

10 28	5 28.73	+35 18.4	1.566	2.334	19.0	18.4
11 7	5 24.43	+36 13.3	1.508	2.357	15.6	18.2
11 17	5 16.46	+36 56.5	1.468	2.380	11.8	18.0
11 27	5 5.70	+37 21.9	1.452	2.403	8.1	17.9
12 7	4 53.62	+37 25.9	1.461	2.427	6.0	17.8
12 17	4 41.95	+37 8.7	1.497	2.451	7.3	18.0
12 27	4 32.34	+36 35.1	1.560	2.475	10.5	18.2
1 6	4 25.85	+35 52.8	1.646	2.499	13.8	18.5

458516 2011 CQ_{64} 12 6.7 295.°41 2.°9/ 6.2 17

10 28	5 20.44	+13 23.0	2.260	3.033	13.7	21.2
11 7	5 16.47	+13 17.7	2.168	3.028	11.0	21.0
11 17	5 10.32	+13 16.2	2.097	3.024	7.9	20.8
11 27	5 2.48	+13 19.8	2.053	3.019	4.7	20.6
12 7	4 53.72	+13 29.3	2.038	3.014	3.0	20.4
12 17	4 44.94	+13 45.5	2.052	3.010	5.2	20.6
12 27	4 37.10	+14 8.6	2.095	3.006	8.5	20.8
1 6	4 30.97	+14 38.3	2.164	3.001	11.6	21.0

458133 2010 FA_{58} 12 6.7 291.°80 4.°6/ 8.4 18

10 28	5 23.47	+37 25.8	2.373	3.113	14.0	20.8
11 7	5 19.29	+37 42.9	2.272	3.103	11.7	20.7
11 17	5 12.49	+37 49.2	2.192	3.093	9.0	20.5
11 27	5 3.64	+37 41.4	2.138	3.083	6.3	20.3
12 7	4 53.68	+37 17.5	2.111	3.074	4.7	20.2
12 17	4 43.76	+36 38.1	2.113	3.064	5.7	20.2
12 27	4 35.04	+35 46.4	2.143	3.055	8.3	20.4
1 6	4 28.43	+34 47.8	2.200	3.045	11.1	20.5

41793 2000 WW_{6} 12 6.7 141.°97 4.°5/ 7.8 18

10 28	5 31.44	+33 22.7	1.678	2.439	18.2	18.7
11 7	5 26.45	+33 53.3	1.599	2.447	14.9	18.5
11 17	5 17.87	+34 13.7	1.540	2.455	11.1	18.3
11 27	5 6.47	+34 18.9	1.505	2.462	7.1	18.1
12 7	4 53.61	+34 5.9	1.496	2.469	4.6	17.9
12 17	4 40.97	+33 35.1	1.516	2.476	6.4	18.1
12 27	4 30.20	+32 51.4	1.563	2.481	10.2	18.3
1 6	4 22.45	+32 2.1	1.635	2.487	14.0	18.5

96562 1998 SZ_{138} 12 6.7 129.°71 1.°3/ 6.4 18

10 28	5 32.13	+21 2.6	1.787	2.553	17.0	20.0
11 7	5 26.02	+20 35.9	1.716	2.574	13.5	19.8
11 17	5 16.98	+20 5.9	1.666	2.595	9.4	19.6
11 27	5 5.80	+19 33.2	1.642	2.613	4.8	19.4
12 7	4 53.66	+18 59.5	1.647	2.631	1.4	19.2
12 17	4 41.90	+18 27.5	1.683	2.648	5.2	19.5
12 27	4 31.80	+18 0.4	1.747	2.663	9.5	19.8
1 6	4 24.22	+17 40.9	1.838	2.678	13.2	20.0

91928 1999 VY_{47} 12 6.7 211.°27 4.°0/ 8.1 17

10 28	5 24.59	+35 17.7	2.370	3.113	13.9	19.5
11 7	5 20.05	+35 36.2	2.275	3.111	11.5	19.4
11 17	5 12.94	+35 45.3	2.202	3.109	8.7	19.2
11 27	5 3.85	+35 41.8	2.155	3.106	5.8	19.0
12 7	4 53.71	+35 24.1	2.135	3.104	4.0	18.9
12 17	4 43.64	+34 52.7	2.145	3.101	5.2	18.9
12 27	4 34.77	+34 10.7	2.184	3.098	8.0	19.1
1 6	4 27.98	+33 22.9	2.250	3.095	10.9	19.3

325614 2009 SQ_{232} 12 6.7 5.°56 0.°2/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.99	+21 33.1	1.895	2.681	15.5	20.2
11 7	5 17.47	+21 42.9	1.811	2.681	12.4	20.0
11 17	5 11.30	+21 51.7	1.748	2.681	8.6	19.7
11 27	5 3.07	+21 58.8	1.709	2.683	4.4	19.5
12 7	4 53.74	+22 4.0	1.699	2.684	0.2	19.2
12 17	4 44.44	+22 7.7	1.717	2.686	4.6	19.5
12 27	4 36.37	+22 11.3	1.763	2.688	8.8	19.8
1 6	4 30.44	+22 16.8	1.834	2.691	12.5	20.0

334989 2004 FT_{89} 12 6.8 268.°23 3.°3/ 6.1 18

10 28	5 24.29	+15 32.0	1.623	2.412	17.5	21.5
11 7	5 20.66	+15 13.1	1.527	2.398	14.2	21.2
11 17	5 13.90	+14 56.2	1.451	2.383	10.2	20.9
11 27	5 4.57	+14 43.2	1.399	2.369	5.8	20.7
12 7	4 53.71	+14 36.1	1.374	2.353	3.3	20.5
12 17	4 42.68	+14 36.7	1.376	2.338	6.6	20.6
12 27	4 32.97	+14 46.5	1.405	2.323	11.2	20.9
1 6	4 25.74	+15 6.3	1.458	2.307	15.5	21.1

477325 2009 TK_{2} 12 6.8 49.°52 2.°7/ 6.2 18

10 28	5 25.86	+18 53.4	1.202	2.012	21.3	21.3
11 7	5 22.15	+18 19.0	1.152	2.036	16.8	21.0
11 17	5 14.80	+17 43.6	1.120	2.060	11.7	20.8
11 27	5 4.81	+17 9.8	1.111	2.084	6.2	20.6
12 7	4 53.72	+16 40.4	1.127	2.109	2.8	20.5
12 17	4 43.22	+16 18.6	1.169	2.135	6.8	20.8
12 27	4 34.87	+16 7.3	1.235	2.160	11.7	21.1
1 6	4 29.60	+16 7.6	1.324	2.186	16.0	21.5

10375 Michiokuga 12 6.8 323.°34 1.°8/ 7.1 18

10 28	5 22.32	+26 19.5	1.377	2.180	19.4	19.5
11 7	5 19.93	+26 32.9	1.289	2.168	15.7	19.2
11 17	5 13.86	+26 40.7	1.220	2.156	11.2	18.9
11 27	5 4.69	+26 40.2	1.172	2.145	6.1	18.6
12 7	4 53.71	+26 30.0	1.150	2.134	1.8	18.3
12 17	4 42.60	+26 10.8	1.154	2.124	6.0	18.5
12 27	4 33.21	+25 46.5	1.182	2.114	11.4	18.8
1 6	4 26.89	+25 22.5	1.233	2.105	16.2	19.0

413341 2003 WM_{180} 12 6.8 283.°55 0.°3/ 6.8 17

10 28	5 21.79	+22 8.2	2.413	3.180	13.1	21.3
11 7	5 17.69	+22 30.2	2.304	3.163	10.5	21.1
11 17	5 11.30	+22 51.9	2.217	3.146	7.3	20.9
11 27	5 3.08	+23 12.2	2.158	3.130	3.8	20.6
12 7	4 53.76	+23 30.2	2.128	3.113	0.3	20.3
12 17	4 44.28	+23 45.6	2.128	3.096	4.0	20.6
12 27	4 35.65	+23 58.9	2.157	3.079	7.7	20.8
1 6	4 28.73	+24 11.7	2.214	3.062	11.0	20.9

353411 2011 QZ_{8} 12 6.8 63.°06 4.°7/ 5.8 18

10 28	5 23.25	+12 36.6	1.640	2.429	17.4	21.0
11 7	5 19.18	+11 55.3	1.578	2.446	14.0	20.8
11 17	5 12.35	+11 18.0	1.536	2.464	10.1	20.6
11 27	5 3.51	+10 48.2	1.519	2.482	6.3	20.5
12 7	4 53.76	+10 28.9	1.528	2.500	4.7	20.4
12 17	4 44.31	+10 22.2	1.565	2.518	7.1	20.6
12 27	4 36.36	+10 29.1	1.629	2.536	10.7	20.9
1 6	4 30.71	+10 48.6	1.716	2.554	14.1	21.1

234666 2002 FH_{12} 12 6.8 77.°55 4.°3/ 7.6 18

10 28	5 27.41	+31 56.2	1.706	2.476	17.6	20.0
11 7	5 23.22	+32 37.0	1.628	2.482	14.4	19.7
11 17	5 15.65	+33 9.9	1.569	2.488	10.6	19.5
11 27	5 5.40	+33 30.1	1.534	2.494	6.7	19.3
12 7	4 53.71	+33 34.4	1.525	2.500	4.3	19.2
12 17	4 42.13	+33 22.5	1.545	2.506	6.2	19.3
12 27	4 32.24	+32 57.9	1.592	2.512	10.0	19.6
1 6	4 25.16	+32 26.4	1.663	2.518	13.6	19.8

467800 2010 AF_{74} 12 6.8 328.°00 6.°0/ 9.4 17

10 28	5 31.50	+40 59.8	1.082	1.867	24.8	19.8
11 7	5 28.64	+40 14.8	1.001	1.860	20.9	19.5
11 17	5 20.48	+38 57.0	0.936	1.854	16.0	19.2
11 27	5 8.07	+36 58.6	0.890	1.849	10.5	18.9
12 7	4 53.64	+34 19.0	0.868	1.844	6.2	18.6
12 17	4 39.89	+31 9.1	0.871	1.839	8.1	18.7
12 27	4 29.28	+27 49.9	0.900	1.835	13.6	19.0
1 6	4 23.13	+24 43.2	0.952	1.832	19.1	19.3

85717 1998 SY_{56} 12 6.8 343.°49 5.°1/ 5.9 18

10 28	5 18.38	+14 12.1	1.188	2.012	20.7	17.7
11 7	5 16.82	+13 34.0	1.112	2.002	16.8	17.4
11 17	5 11.66	+12 58.5	1.053	1.993	12.2	17.1
11 27	5 3.55	+12 30.3	1.016	1.985	7.4	16.9
12 7	4 53.76	+12 13.6	1.001	1.978	5.1	16.7
12 17	4 43.94	+12 11.8	1.011	1.973	8.5	16.9
12 27	4 35.85	+12 26.6	1.044	1.968	13.5	17.1
1 6	4 30.76	+12 57.1	1.098	1.965	18.1	17.4

316985 2001 KV_{63} 12 6.8 160°.90 5°.3/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.22	+ 1 3.9	3.100	3.825	11.3	20.8
11 7	5 17.04	+ 0 55.9	3.014	3.831	9.5	20.6
11 17	5 10.27	+ 0 56.6	2.952	3.837	7.5	20.5
11 27	5 2.34	+ 1 8.3	2.917	3.842	5.9	20.4
12 7	4 53.82	+ 1 32.0	2.911	3.847	5.3	20.4
12 17	4 45.36	+ 2 8.0	2.936	3.851	6.2	20.4
12 27	4 37.61	+ 2 55.4	2.991	3.855	7.9	20.6
1 6	4 31.11	+ 3 52.4	3.073	3.858	9.9	20.7

357372 2003 SG_{201} 12 6.8 336°.74 24°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 14.42	−11 56.7	0.937	1.734	26.9	20.1
11 7	5 14.26	−16 2.3	0.893	1.720	25.4	19.9
11 17	5 10.19	−19 41.7	0.864	1.708	24.5	19.8
11 27	5 2.89	−22 32.3	0.851	1.696	24.5	19.7
12 7	4 53.79	−24 17.0	0.852	1.687	25.2	19.7
12 17	4 44.70	−24 47.4	0.866	1.678	26.7	19.8
12 27	4 37.53	−24 5.8	0.892	1.672	28.4	19.9
1 6	4 33.60	−22 23.5	0.927	1.666	30.2	20.0

523390 2017 DN_{51} 12 6.8 142°.31 1°.5/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.42	+17 6.8	2.682	3.444	12.0	21.3
11 7	5 16.80	+17 4.9	2.596	3.452	9.6	21.1
11 17	5 10.30	+17 3.9	2.533	3.460	6.7	20.9
11 27	5 2.41	+17 4.4	2.497	3.467	3.6	20.7
12 7	4 53.82	+17 6.7	2.492	3.474	1.6	20.6
12 17	4 45.29	+17 11.6	2.518	3.481	3.9	20.8
12 27	4 37.63	+17 19.7	2.574	3.487	7.0	21.0
1 6	4 31.46	+17 31.6	2.657	3.493	9.7	21.2

144947 2005 ES_{31} 12 6.8 346°.90 10°.9/ 4.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.44	− 2 8.8	1.689	2.463	17.6	19.3
11 7	5 13.21	− 3 25.6	1.613	2.451	15.3	19.1
11 17	5 8.43	− 4 28.8	1.556	2.441	13.0	19.0
11 27	5 1.67	− 5 10.7	1.521	2.432	11.3	18.8
12 7	4 53.83	− 5 25.2	1.509	2.423	11.0	18.8
12 17	4 46.00	− 5 9.2	1.521	2.416	12.2	18.9
12 27	4 39.31	− 4 23.5	1.556	2.411	14.4	19.0
1 6	4 34.65	− 3 12.4	1.611	2.406	16.9	19.1

475601 2006 UC_{91} 12 6.8 1°.69 4°.1/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.42	+27 43.6	1.169	1.982	21.6	20.6
11 7	5 21.46	+28 40.6	1.097	1.980	17.6	20.3
11 17	5 15.28	+29 33.6	1.043	1.979	12.7	20.0
11 27	5 5.53	+30 17.2	1.010	1.979	7.5	19.7
12 7	4 53.73	+30 45.9	1.000	1.980	4.1	19.6
12 17	4 41.92	+30 57.5	1.015	1.982	7.3	19.7
12 27	4 32.25	+30 55.1	1.054	1.986	12.5	20.0
1 6	4 26.21	+30 44.7	1.113	1.990	17.2	20.3

107484 2001 DS_{36} 12 6.8 248°.92 4°.6/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.64	+11 13.9	1.988	2.762	15.3	20.4
11 7	5 18.59	+10 43.0	1.892	2.751	12.4	20.2
11 17	5 12.02	+10 16.0	1.817	2.739	9.2	20.0
11 27	5 3.47	+ 9 55.8	1.768	2.728	6.0	19.8
12 7	4 53.80	+ 9 45.1	1.746	2.716	4.6	19.7
12 17	4 44.06	+ 9 45.9	1.754	2.703	6.8	19.8
12 27	4 35.38	+ 9 59.1	1.788	2.691	10.2	20.0
1 6	4 28.65	+10 24.4	1.848	2.678	13.6	20.2

353019 2009 BU_{173} 12 6.8 202°.40 1°.6/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.17	+18 53.3	1.912	2.692	15.6	21.9
11 7	5 19.11	+18 40.9	1.825	2.692	12.4	21.7
11 17	5 12.40	+18 27.9	1.759	2.691	8.7	21.5
11 27	5 3.65	+18 15.1	1.718	2.690	4.6	21.2
12 7	4 53.80	+18 3.5	1.705	2.689	1.7	21.0
12 17	4 44.00	+17 54.6	1.722	2.687	5.1	21.3
12 27	4 35.43	+17 50.3	1.766	2.686	9.2	21.5
1 6	4 28.98	+17 52.1	1.836	2.684	12.9	21.7

376549 2013 KJ_{2} 12 6.8 125°.18 6°.5/ 4.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.84	+ 1 31.8	2.631	3.376	12.7	21.3
11 7	5 14.69	+ 0 45.3	2.556	3.384	10.6	21.2
11 17	5 8.80	+ 0 7.2	2.504	3.392	8.6	21.0
11 27	5 1.63	− 0 18.8	2.477	3.399	7.0	20.9
12 7	4 53.85	− 0 30.1	2.478	3.406	6.5	20.9
12 17	4 46.17	− 0 25.3	2.507	3.413	7.5	21.0
12 27	4 39.31	− 0 4.5	2.564	3.420	9.4	21.1
1 6	4 33.85	+ 0 30.5	2.645	3.426	11.4	21.3

187522 2006 UB_{12} 12 6.8 293°.32 2°.1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.00	+25 4.2	1.448	2.241	19.1	20.6
11 7	5 22.80	+25 41.6	1.356	2.229	15.5	20.4
11 17	5 15.88	+26 17.6	1.284	2.218	11.1	20.1
11 27	5 5.80	+26 48.6	1.235	2.206	6.0	19.7
12 7	4 53.76	+27 11.4	1.211	2.195	2.1	19.5
12 17	4 41.46	+27 24.3	1.215	2.184	6.1	19.7
12 27	4 30.79	+27 29.0	1.244	2.172	11.3	20.0
1 6	4 23.18	+27 29.6	1.297	2.162	16.0	20.2

185628 2008 CD_{179} 12 6.8 219°.02 1°.2/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.69	+25 22.5	2.435	3.193	13.2	21.0
11 7	5 19.93	+25 44.5	2.333	3.186	10.6	20.8
11 17	5 12.82	+26 3.9	2.253	3.178	7.5	20.6
11 27	5 3.85	+26 18.9	2.201	3.170	4.0	20.4
12 7	4 53.81	+26 28.3	2.178	3.161	1.2	20.2
12 17	4 43.70	+26 32.0	2.185	3.152	4.0	20.4
12 27	4 34.54	+26 31.2	2.223	3.143	7.6	20.6
1 6	4 27.19	+26 28.3	2.288	3.133	10.8	20.8

367812 2011 AL_{50} 12 6.8 153°.21 3°.6/ 8.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.30	+34 25.2	2.469	3.212	13.4	21.5
11 7	5 19.64	+34 41.0	2.378	3.215	11.0	21.3
11 17	5 12.57	+34 48.0	2.309	3.218	8.2	21.1
11 27	5 3.66	+34 43.5	2.267	3.221	5.4	21.0
12 7	4 53.82	+34 26.2	2.253	3.223	3.6	20.8
12 17	4 44.09	+33 56.8	2.268	3.226	4.8	20.9
12 27	4 35.51	+33 18.3	2.313	3.228	7.6	21.1
1 6	4 28.89	+32 34.9	2.385	3.230	10.4	21.3

314317 2005 SA_{199} 12 6.8 136°.37 0°.6/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.11	+24 43.5	2.156	2.926	14.4	21.7
11 7	5 18.80	+24 43.2	2.069	2.930	11.4	21.5
11 17	5 12.04	+24 38.8	2.004	2.933	8.0	21.3
11 27	5 3.42	+24 29.6	1.965	2.936	4.1	21.1
12 7	4 53.83	+24 15.6	1.955	2.940	0.6	20.8
12 17	4 44.33	+23 58.0	1.974	2.943	4.2	21.1
12 27	4 36.00	+23 39.0	2.023	2.945	8.0	21.3
1 6	4 29.65	+23 21.5	2.097	2.948	11.4	21.6

452641 2005 UP_{84} 12 6.8 10°.33 0°.3/ 6.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.89	+23 16.8	1.884	2.667	15.7	21.9
11 7	5 18.24	+23 24.3	1.800	2.668	12.5	21.7
11 17	5 11.88	+23 29.0	1.736	2.669	8.7	21.4
11 27	5 3.42	+23 30.2	1.698	2.671	4.5	21.2
12 7	4 53.83	+23 27.6	1.687	2.672	0.3	20.8
12 17	4 44.30	+23 22.0	1.705	2.674	4.6	21.2
12 27	4 36.05	+23 15.2	1.751	2.677	8.8	21.5
1 6	4 29.98	+23 10.0	1.822	2.679	12.5	21.7

474607 2004 RG_{245} 12 6.8 6°.09 1°.2/ 6.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.05	+24 19.0	1.098	1.927	21.7	20.8
11 7	5 17.03	+24 37.2	1.033	1.927	17.4	20.5
11 17	5 12.02	+24 51.3	0.985	1.929	12.2	20.2
11 27	5 3.78	+24 59.4	0.957	1.932	6.4	19.9
12 7	4 53.82	+25 0.2	0.953	1.937	1.2	19.6
12 17	4 44.03	+24 54.6	0.972	1.944	6.4	20.0
12 27	4 36.31	+24 46.0	1.015	1.953	12.0	20.3
1 6	4 31.95	+24 38.8	1.078	1.963	17.0	20.6

132317 2002 GV_{18} 12 6.8 210°.68 2°.8/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.98	+29 49.6	2.062	2.821	15.3	20.4
11 7	5 22.30	+30 12.8	1.966	2.817	12.4	20.2
11 17	5 14.75	+30 29.8	1.891	2.812	9.0	19.9
11 27	5 4.92	+30 37.5	1.842	2.806	5.3	19.7
12 7	4 53.80	+30 34.0	1.821	2.800	2.8	19.5
12 17	4 42.66	+30 19.3	1.830	2.794	5.0	19.7
12 27	4 32.79	+29 56.0	1.868	2.788	8.7	19.9
1 6	4 25.22	+29 28.7	1.931	2.780	12.3	20.1

153380 2001 QJ_{24} 12 6.8 68°.44 3°.8/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.45	+31 20.6	1.464	2.241	19.7	20.3
11 7	5 25.73	+31 44.8	1.405	2.265	15.9	20.1
11 17	5 17.32	+31 58.8	1.366	2.289	11.5	19.9
11 27	5 6.16	+31 58.4	1.349	2.313	6.9	19.7
12 7	4 53.79	+31 41.5	1.359	2.337	3.8	19.6
12 17	4 41.94	+31 10.0	1.396	2.361	6.2	19.8
12 27	4 32.24	+30 29.4	1.460	2.385	10.3	20.1
1 6	4 25.69	+29 46.5	1.548	2.408	14.2	20.4

447167 2005 LS_{18} 12 6.8 248°.44 0°.5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.55	+21 44.3	1.959	2.733	15.5	21.1
11 7	5 21.17	+22 18.4	1.866	2.728	12.4	20.9
11 17	5 14.00	+22 53.2	1.794	2.724	8.7	20.6
11 27	5 4.56	+23 26.9	1.747	2.719	4.5	20.4
12 7	4 53.82	+23 57.6	1.730	2.715	0.5	20.1
12 17	4 42.98	+24 24.3	1.742	2.710	4.6	20.4
12 27	4 33.31	+24 47.1	1.783	2.705	8.9	20.6
1 6	4 25.84	+25 7.9	1.849	2.701	12.6	20.8

358224 2006 SQ_{244} 12 6.8 40°.04 7°.4/ 8.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.80	+38 29.3	1.776	2.525	17.7	20.5
11 7	5 24.69	+39 47.3	1.700	2.532	14.9	20.3
11 17	5 16.94	+40 54.7	1.643	2.538	11.8	20.1
11 27	5 6.20	+41 44.4	1.610	2.545	8.9	20.0
12 7	4 53.78	+42 10.4	1.602	2.552	7.4	19.9
12 17	4 41.37	+42 10.8	1.622	2.559	8.4	20.0
12 27	4 30.74	+41 49.0	1.667	2.567	11.0	20.1
1 6	4 23.16	+41 12.1	1.736	2.575	13.9	20.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
226308 2003 CN_2		12 6.8 355°52 4°6/ 5.9 18				
	h m	° ′			°	m
10 28	5 18.58	+15 35.2	1.179	2.003	20.8	20.1
11 7	5 16.95	+14 54.0	1.108	1.999	16.8	19.8
11 17	5 11.71	+14 13.8	1.054	1.995	12.0	19.5
11 27	5 3.56	+13 39.0	1.021	1.992	7.1	19.3
12 7	4 53.85	+13 13.8	1.012	1.991	4.6	19.1
12 17	4 44.22	+13 1.9	1.028	1.991	8.1	19.3
12 27	4 36.39	+13 5.5	1.066	1.992	13.1	19.6
1 6	4 31.56	+13 24.7	1.126	1.994	17.7	19.9
146076 2000 GR_{158}		12 6.8 230°73 0°9/ 6.9 18				
10 28	5 26.08	+25 27.2	1.726	2.506	17.0	20.7
11 7	5 21.99	+25 26.6	1.635	2.500	13.7	20.4
11 17	5 14.74	+25 20.7	1.564	2.495	9.7	20.2
11 27	5 4.98	+25 8.0	1.517	2.489	5.1	19.9
12 7	4 53.82	+24 48.0	1.498	2.482	0.9	19.6
12 17	4 42.66	+24 22.2	1.507	2.476	5.1	19.9
12 27	4 32.96	+23 54.1	1.544	2.469	9.8	20.1
1 6	4 25.82	+23 28.1	1.605	2.462	14.0	20.4
145379 2005 NU_8		12 6.8 234°21 2°3/ 6.3 18				
10 28	5 25.99	+17 44.1	1.796	2.575	16.5	21.5
11 7	5 21.69	+17 27.2	1.698	2.564	13.3	21.3
11 17	5 14.44	+17 10.2	1.622	2.553	9.4	21.0
11 27	5 4.82	+16 54.2	1.570	2.541	5.1	20.7
12 7	4 53.83	+16 40.5	1.546	2.528	2.3	20.5
12 17	4 42.74	+16 31.0	1.552	2.515	5.8	20.7
12 27	4 32.90	+16 27.7	1.585	2.502	10.2	20.9
1 6	4 25.39	+16 32.2	1.643	2.488	14.3	21.2
96533 1998 RH_{72}		12 6.8 90°69 1°1/ 6.5 18				
10 28	5 21.75	+19 50.9	2.297	3.068	13.5	20.0
11 7	5 17.39	+19 41.7	2.219	3.081	10.7	19.8
11 17	5 10.87	+19 31.5	2.163	3.094	7.4	19.7
11 27	5 2.76	+19 20.7	2.134	3.106	3.8	19.5
12 7	4 53.89	+19 10.0	2.135	3.119	1.1	19.3
12 17	4 45.16	+19 0.8	2.165	3.131	4.1	19.5
12 27	4 37.50	+18 54.4	2.225	3.143	7.6	19.8
1 6	4 31.60	+18 52.4	2.311	3.155	10.7	20.0
413179 2002 QR_{139}		12 6.8 28°98 0°1/ 6.7 17				
10 28	5 20.37	+24 39.6	1.921	2.705	15.4	20.4
11 7	5 16.81	+24 12.3	1.845	2.714	12.2	20.2
11 17	5 10.71	+23 39.2	1.791	2.724	8.5	20.0
11 27	5 2.74	+23 0.7	1.761	2.734	4.3	19.8
12 7	4 53.89	+22 18.5	1.760	2.745	0.1	19.5
12 17	4 45.26	+21 35.5	1.787	2.756	4.5	19.9
12 27	4 37.94	+20 55.2	1.843	2.768	8.5	20.1
1 6	4 32.70	+20 20.8	1.924	2.780	12.0	20.4
107155 2001 BO_{14}		12 6.8 286°32 3°4/ 5.9 18				
10 28	5 22.44	+15 15.2	1.812	2.597	16.1	19.7
11 7	5 18.96	+14 50.1	1.705	2.573	13.1	19.5
11 17	5 12.64	+14 26.0	1.618	2.549	9.4	19.2
11 27	5 3.97	+14 5.0	1.556	2.524	5.5	18.9
12 7	4 53.86	+13 49.7	1.521	2.499	3.4	18.7
12 17	4 43.49	+13 42.1	1.514	2.474	6.4	18.9
12 27	4 34.20	+13 44.3	1.535	2.449	10.7	19.1
1 6	4 27.08	+13 57.3	1.579	2.424	14.8	19.2
494017 2016 AA_{147}		12 6.8 232°38 1°4/ 6.2 17				
10 28	5 19.67	+20 11.1	2.557	3.327	12.4	22.1
11 7	5 15.61	+19 36.8	2.462	3.323	9.8	21.9
11 17	5 9.60	+18 59.6	2.390	3.320	6.8	21.7
11 27	5 2.13	+18 20.9	2.345	3.317	3.6	21.5
12 7	4 53.91	+17 42.4	2.330	3.313	1.5	21.3
12 17	4 45.76	+17 6.3	2.346	3.309	4.1	21.5
12 27	4 38.50	+16 35.0	2.391	3.306	7.4	21.7
1 6	4 32.78	+16 10.5	2.463	3.302	10.3	21.9
451274 2010 RB_{47}		12 6.8 145°22 2°9/ 7.7 18				
10 28	5 26.72	+32 4.4	2.524	3.265	13.2	22.1
11 7	5 21.37	+32 22.5	2.438	3.276	10.7	22.0
11 17	5 13.67	+32 33.3	2.374	3.286	7.8	21.8
11 27	5 4.21	+32 34.4	2.337	3.296	4.8	21.6
12 7	4 53.86	+32 24.5	2.330	3.305	2.9	21.5
12 17	4 43.65	+32 4.1	2.353	3.313	4.4	21.6
12 27	4 34.59	+31 35.9	2.406	3.321	7.3	21.8
1 6	4 27.45	+31 3.6	2.486	3.328	10.1	22.0
108477 2001 KL_{58}		12 6.8 228°70 4°5/ 4.7 18				
10 28	5 23.62	+15 14.4	2.071	2.844	14.8	19.7
11 7	5 19.13	+13 44.6	1.977	2.838	11.9	19.5
11 17	5 12.23	+12 11.3	1.907	2.831	8.7	19.3
11 27	5 3.52	+10 38.7	1.864	2.825	5.6	19.1
12 7	4 53.89	+ 9 12.4	1.850	2.818	4.6	19.0
12 17	4 44.34	+ 7 57.6	1.866	2.810	7.0	19.1
12 27	4 35.93	+ 6 58.6	1.911	2.803	10.3	19.3
1 6	4 29.44	+ 6 17.5	1.981	2.795	13.5	19.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
249099 2007 VU_{190}		12 6.8 46°26 1°8/ 6.4 17				
	h m	° ′			°	m
10 28	5 23.90	+19 23.3	1.469	2.267	18.6	20.6
11 7	5 20.15	+19 7.5	1.410	2.288	14.8	20.4
11 17	5 13.26	+18 51.0	1.372	2.308	10.2	20.2
11 27	5 4.08	+18 34.8	1.357	2.330	5.3	19.9
12 7	4 53.88	+18 20.4	1.368	2.352	1.8	19.8
12 17	4 44.06	+18 9.7	1.407	2.374	5.7	20.1
12 27	4 35.98	+18 4.7	1.472	2.396	10.2	20.4
1 6	4 30.52	+18 7.1	1.560	2.419	14.2	20.7
326766 2003 SN_{165}		12 6.8 27°19 9°5/ 4.0 18				
10 28	5 17.71	+ 0 47.0	1.806	2.578	16.7	19.9
11 7	5 14.58	− 0 43.3	1.748	2.589	14.2	19.8
11 17	5 9.10	− 2 2.1	1.710	2.601	11.7	19.7
11 27	5 1.92	− 3 2.6	1.696	2.613	9.9	19.6
12 7	4 53.93	− 3 39.4	1.706	2.626	9.6	19.6
12 17	4 46.16	− 3 50.0	1.742	2.640	10.8	19.7
12 27	4 39.59	− 3 34.6	1.802	2.655	12.9	19.9
1 6	4 34.93	− 2 56.6	1.883	2.670	15.1	20.0
83720 2001 TJ_{94}		12 6.8 181°29 0°8/ 7.0 18				
10 28	5 23.72	+25 37.6	2.197	2.964	14.2	20.0
11 7	5 19.29	+25 35.9	2.106	2.964	11.4	19.8
11 17	5 12.41	+25 29.4	2.037	2.965	8.0	19.6
11 27	5 3.65	+25 17.2	1.994	2.965	4.2	19.3
12 7	4 53.90	+24 59.4	1.980	2.964	0.8	19.1
12 17	4 44.21	+24 37.1	1.996	2.964	4.2	19.3
12 27	4 35.68	+24 12.9	2.041	2.963	8.0	19.6
1 6	4 29.11	+23 49.8	2.112	2.962	11.3	19.8
322988 2002 NA_{76}		12 6.8 121°17 4°9/ 5.3 18				
10 28	5 19.69	+ 6 53.1	2.647	3.402	12.3	22.1
11 7	5 15.35	+ 6 16.2	2.571	3.414	10.1	22.0
11 17	5 9.26	+ 5 45.0	2.518	3.425	7.7	21.8
11 27	5 1.91	+ 5 22.2	2.492	3.436	5.6	21.7
12 7	4 53.94	+ 5 10.0	2.494	3.447	4.9	21.7
12 17	4 46.10	+ 5 9.6	2.526	3.457	6.2	21.8
12 27	4 39.09	+ 5 21.4	2.586	3.467	8.4	21.9
1 6	4 33.50	+ 5 44.5	2.672	3.477	10.6	22.1
205425 2001 GD_9		12 6.8 171°85 0°9/ 6.6 18				
10 28	5 25.48	+18 49.2	2.193	2.959	14.3	20.8
11 7	5 20.61	+19 2.5	2.103	2.961	11.4	20.6
11 17	5 13.30	+19 17.0	2.035	2.963	7.9	20.4
11 27	5 4.11	+19 32.0	1.994	2.965	4.1	20.1
12 7	4 53.89	+19 47.4	1.982	2.966	0.9	19.9
12 17	4 43.69	+20 2.9	2.001	2.967	4.4	20.2
12 27	4 34.56	+20 19.3	2.049	2.968	8.2	20.4
1 6	4 27.36	+20 37.6	2.124	2.968	11.6	20.6
367986 2012 FJ_{14}		12 6.8 142°11 3°1/ 5.9 18				
10 28	5 20.83	+10 52.7	2.922	3.676	11.3	21.8
11 7	5 16.11	+10 41.5	2.839	3.686	9.1	21.6
11 17	5 9.73	+10 34.2	2.779	3.696	6.6	21.5
11 27	5 2.14	+10 32.2	2.747	3.706	4.2	21.3
12 7	4 53.94	+10 36.3	2.746	3.715	3.2	21.3
12 17	4 45.83	+10 47.3	2.775	3.724	4.7	21.4
12 27	4 38.48	+11 5.3	2.834	3.732	7.1	21.5
1 6	4 32.45	+11 30.0	2.920	3.740	9.4	21.7
503325 2016 BB		12 6.8 29°66 15°0/10.0 17				
10 28	5 32.79	− 9 37.8	0.932	1.706	28.6	20.3
11 7	5 28.90	− 9 34.5	0.877	1.712	25.1	20.0
11 17	5 20.39	− 8 50.7	0.833	1.718	21.2	19.8
11 27	5 8.10	− 7 14.8	0.806	1.726	17.4	19.6
12 7	4 53.80	− 4 43.3	0.799	1.734	15.1	19.5
12 17	4 39.78	− 1 24.2	0.814	1.743	15.7	19.6
12 27	4 28.28	+ 2 24.7	0.853	1.753	18.7	19.8
1 6	4 20.78	+ 6 22.7	0.913	1.763	22.5	20.1
74867 1999 TB_{93}		12 6.8 120°97 1°7/ 6.5 18				
10 28	5 29.14	+17 56.5	1.687	2.464	17.5	20.0
11 7	5 24.03	+17 58.7	1.615	2.479	13.9	19.8
11 17	5 15.89	+18 2.4	1.563	2.494	9.7	19.6
11 27	5 5.45	+18 7.5	1.536	2.507	5.1	19.4
12 7	4 53.87	+18 14.2	1.537	2.521	1.7	19.2
12 17	4 42.51	+18 22.9	1.568	2.533	5.4	19.4
12 27	4 32.72	+18 34.8	1.626	2.545	9.8	19.7
1 6	4 25.46	+18 51.1	1.709	2.557	13.7	20.0
371272 2006 DD_{77}		12 6.8 195°69 0°4/ 6.7 17				
10 28	5 21.10	+21 41.0	2.711	3.473	11.9	22.0
11 7	5 16.69	+21 37.8	2.614	3.471	9.5	21.8
11 17	5 10.34	+21 32.8	2.541	3.469	6.6	21.6
11 27	5 2.53	+21 25.9	2.495	3.467	3.3	21.4
12 7	4 53.94	+21 17.5	2.479	3.464	0.4	21.2
12 17	4 45.37	+21 8.3	2.494	3.461	3.6	21.4
12 27	4 37.64	+20 59.9	2.539	3.457	6.8	21.6
1 6	4 31.42	+20 53.7	2.611	3.454	9.7	21.8

482777 2013 HQ_{12} 12 6.8 257.°83 0.°3/ 6.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.29	+21 43.4	2.161	2.932	14.3	22.2
11 7	5 19.13	+21 44.7	2.056	2.918	11.5	22.0
11 17	5 12.46	+21 44.3	1.973	2.903	8.0	21.8
11 27	5 3.77	+21 41.7	1.916	2.888	4.1	21.5
12 7	4 53.91	+21 36.9	1.888	2.873	0.3	21.2
12 17	4 43.93	+21 30.8	1.889	2.857	4.4	21.4
12 27	4 34.96	+21 25.0	1.920	2.841	8.5	21.7
1 6	4 27.93	+21 21.6	1.977	2.825	12.1	21.9

266144 2006 TX_{100} 12 6.8 353.°77 1.°5/ 7.1 18

10 28	5 19.11	+26 12.5	1.087	1.914	22.0	20.3
11 7	5 18.11	+26 16.3	1.015	1.908	17.8	20.0
11 17	5 12.97	+26 12.1	0.959	1.902	12.6	19.7
11 27	5 4.39	+25 58.1	0.924	1.899	6.7	19.3
12 7	4 53.89	+25 33.7	0.912	1.896	1.5	19.0
12 17	4 43.47	+25 1.4	0.923	1.895	6.6	19.3
12 27	4 35.18	+24 26.9	0.958	1.896	12.5	19.6
1 6	4 30.41	+23 56.3	1.012	1.898	17.7	19.9

385429 2003 EP_{58} 12 6.8 322.°90 4.°2/ 7.7 18

10 28	5 22.35	+31 29.3	1.351	2.149	20.0	20.4
11 7	5 20.35	+31 51.3	1.261	2.133	16.5	20.1
11 17	5 14.42	+32 3.1	1.188	2.118	12.2	19.8
11 27	5 5.16	+32 0.0	1.137	2.103	7.5	19.5
12 7	4 53.88	+31 38.7	1.110	2.088	4.3	19.3
12 17	4 42.44	+30 59.7	1.108	2.075	6.9	19.4
12 27	4 32.85	+30 8.4	1.131	2.062	11.9	19.7
1 6	4 26.56	+29 13.1	1.176	2.051	16.6	19.9

460776 2014 WJ_{13} 12 6.8 0.°32 1.°6/ 6.2 17

10 28	5 19.33	+20 26.0	2.121	2.902	14.2	21.2
11 7	5 15.78	+19 50.8	2.034	2.902	11.3	21.0
11 17	5 9.95	+19 12.5	1.968	2.901	7.9	20.7
11 27	5 2.39	+18 32.4	1.929	2.901	4.1	20.5
12 7	4 53.96	+17 52.8	1.918	2.901	1.6	20.3
12 17	4 45.63	+17 16.2	1.937	2.902	4.7	20.6
12 27	4 38.38	+16 45.5	1.984	2.903	8.4	20.8
1 6	4 32.98	+16 22.9	2.057	2.904	11.7	21.0

293959 2007 TG_{40} 12 6.8 77.°30 1.°3/ 7.1 15

10 28	5 29.41	+25 28.9	1.802	2.571	16.8	21.6
11 7	5 23.99	+25 48.4	1.742	2.601	13.3	21.5
11 17	5 15.68	+26 3.4	1.703	2.631	9.3	21.3
11 27	5 5.25	+26 11.9	1.690	2.660	4.9	21.1
12 7	4 53.91	+26 12.9	1.705	2.689	1.3	20.9
12 17	4 42.97	+26 7.1	1.750	2.718	4.7	21.2
12 27	4 33.67	+25 57.0	1.823	2.746	8.7	21.5
1 6	4 26.87	+25 46.3	1.922	2.774	12.2	21.8

169093 2001 KK_{22} 12 6.8 230.°08 1.°5/ 6.2 18

10 28	5 23.71	+21 33.2	2.099	2.871	14.6	20.8
11 7	5 19.34	+20 48.9	2.001	2.864	11.7	20.6
11 17	5 12.48	+19 59.5	1.925	2.856	8.2	20.4
11 27	5 3.72	+19 6.2	1.876	2.848	4.2	20.1
12 7	4 53.94	+18 11.5	1.856	2.840	1.5	19.9
12 17	4 44.22	+17 18.7	1.867	2.831	4.9	20.1
12 27	4 35.65	+16 31.7	1.906	2.822	8.9	20.4
1 6	4 29.06	+15 53.7	1.971	2.812	12.4	20.6

129019 2004 TS_{325} 12 6.8 320.°55 1.°1/ 7.1 17

10 28	5 21.37	+25 46.1	2.053	2.829	14.8	20.1
11 7	5 17.74	+25 51.9	1.959	2.823	11.9	19.9
11 17	5 11.54	+25 53.1	1.886	2.816	8.4	19.7
11 27	5 3.30	+25 48.8	1.839	2.810	4.4	19.5
12 7	4 53.95	+25 38.3	1.820	2.804	1.1	19.2
12 17	4 44.59	+25 22.6	1.829	2.798	4.4	19.4
12 27	4 36.38	+25 4.1	1.867	2.792	8.4	19.7
1 6	4 30.22	+24 45.9	1.931	2.787	12.0	19.9

217585 2008 CR_{181} 12 6.8 144.°76 9.°2/ 4.5 18

10 28	5 21.21	− 4 50.5	2.331	3.058	14.6	20.9
11 7	5 16.82	− 5 53.3	2.262	3.065	12.7	20.8
11 17	5 10.43	− 6 43.1	2.213	3.071	10.8	20.6
11 27	5 2.56	− 7 14.8	2.188	3.077	9.5	20.6
12 7	4 53.98	− 7 24.5	2.190	3.082	9.2	20.6
12 17	4 45.50	− 7 10.8	2.217	3.088	10.1	20.6
12 27	4 37.99	− 6 34.4	2.269	3.092	11.7	20.7
1 6	4 32.09	− 5 38.6	2.345	3.097	13.5	20.9

281185 2007 EQ_{151} 12 6.8 256.°28 1.°3/ 6.5 18

10 28	5 24.98	+19 49.1	1.723	2.507	16.9	21.7
11 7	5 21.10	+19 42.8	1.627	2.496	13.6	21.4
11 17	5 14.18	+19 35.5	1.551	2.484	9.5	21.2
11 27	5 4.78	+19 27.6	1.500	2.472	5.0	20.9
12 7	4 53.93	+19 19.6	1.476	2.460	1.3	20.6
12 17	4 42.97	+19 12.8	1.481	2.448	5.5	20.8
12 27	4 33.31	+19 9.3	1.513	2.436	10.2	21.1
1 6	4 26.08	+19 11.2	1.570	2.423	14.4	21.3

430824 2005 GN_{147} 12 6.8 178.°57 1.°4/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 29.27	+26 35.8	1.860	2.626	16.5	22.4
11 7	5 24.25	+26 43.2	1.771	2.628	13.2	22.2
11 17	5 16.17	+26 45.1	1.703	2.630	9.4	22.0
11 27	5 5.69	+26 39.3	1.661	2.630	5.0	21.7
12 7	4 53.92	+26 25.1	1.647	2.630	1.4	21.5
12 17	4 42.23	+26 3.2	1.662	2.630	4.9	21.7
12 27	4 32.00	+25 37.0	1.706	2.628	9.2	22.0
1 6	4 24.28	+25 10.9	1.776	2.626	13.1	22.2

78622 2002 TY_{9} 12 6.8 33.°24 5.°5/ 5.3 18

10 28	5 18.41	+ 8 24.6	2.071	2.848	14.7	18.9
11 7	5 14.91	+ 7 37.8	1.999	2.857	11.9	18.7
11 17	5 9.25	+ 6 56.7	1.949	2.866	9.0	18.5
11 27	5 2.01	+ 6 25.0	1.925	2.876	6.4	18.4
12 7	4 54.00	+ 6 5.9	1.927	2.886	5.6	18.4
12 17	4 46.14	+ 6 1.1	1.958	2.896	7.2	18.5
12 27	4 39.34	+ 6 11.3	2.016	2.907	9.8	18.7
1 6	4 34.28	+ 6 35.2	2.097	2.918	12.6	18.9

117682 2005 EW_{227} 12 6.8 291.°47 7.°0/ 4.8 18

10 28	5 18.32	+ 1 21.2	2.417	3.168	13.5	19.7
11 7	5 14.63	+ 0 35.3	2.329	3.161	11.4	19.5
11 17	5 8.99	− 0 1.7	2.264	3.153	9.3	19.4
11 27	5 1.89	− 0 25.7	2.223	3.146	7.5	19.3
12 7	4 54.01	− 0 33.5	2.209	3.139	7.1	19.2
12 17	4 46.14	− 0 23.4	2.223	3.132	8.2	19.3
12 27	4 39.08	+ 0 4.6	2.264	3.125	10.2	19.4
1 6	4 33.53	+ 0 48.6	2.329	3.118	12.5	19.5

75601 2000 AB_{28} 12 6.8 221.°90 3.°2/ 6.2 18

10 28	5 24.53	+11 49.3	2.481	3.237	13.1	20.1
11 7	5 19.59	+11 44.3	2.377	3.226	10.6	19.9
11 17	5 12.50	+11 43.5	2.295	3.215	7.7	19.7
11 27	5 3.72	+11 48.4	2.241	3.203	4.7	19.5
12 7	4 53.97	+12 0.0	2.216	3.190	3.3	19.4
12 17	4 44.14	+12 18.7	2.223	3.176	5.2	19.5
12 27	4 35.13	+12 44.8	2.259	3.162	8.3	19.6
1 6	4 27.74	+13 17.9	2.322	3.148	11.3	19.8

189211 2003 UX_{10} 12 6.8 66.°32 5.°2/ 7.6 18

10 28	5 31.74	+34 34.1	2.192	2.928	15.1	20.2
11 7	5 25.87	+35 53.4	2.129	2.958	12.4	20.0
11 17	5 17.09	+37 5.0	2.088	2.988	9.4	19.9
11 27	5 6.08	+38 3.2	2.074	3.017	6.6	19.8
12 7	4 53.92	+38 44.0	2.088	3.047	5.2	19.7
12 17	4 41.94	+39 5.8	2.132	3.076	6.2	19.9
12 27	4 31.42	+39 10.9	2.205	3.105	8.7	20.1
1 6	4 23.34	+39 3.9	2.304	3.134	11.3	20.3

513624 2011 KV_{11} 12 6.8 202.°29 1.°9/ 7.4 18

10 28	5 28.28	+29 6.2	2.124	2.880	15.0	22.5
11 7	5 23.17	+29 6.1	2.026	2.875	12.1	22.3
11 17	5 15.27	+28 58.5	1.949	2.870	8.7	22.0
11 27	5 5.20	+28 41.5	1.898	2.864	4.9	21.8
12 7	4 53.96	+28 14.3	1.876	2.858	1.9	21.6
12 17	4 42.75	+27 38.2	1.884	2.851	4.6	21.7
12 27	4 32.82	+26 56.7	1.922	2.843	8.5	22.0
1 6	4 25.13	+26 14.7	1.987	2.834	12.1	22.2

296893 2010 BV_{36} 12 6.8 330.°81 3.°1/ 5.7 17

10 28	5 18.95	+17 8.4	1.968	2.755	15.0	20.3
11 7	5 15.71	+16 17.5	1.876	2.747	12.0	20.1
11 17	5 10.05	+15 24.5	1.807	2.739	8.5	19.9
11 27	5 2.52	+14 32.1	1.763	2.732	4.9	19.6
12 7	4 54.01	+13 43.8	1.747	2.724	3.2	19.5
12 17	4 45.54	+13 3.0	1.759	2.718	5.9	19.7
12 27	4 38.17	+12 32.7	1.799	2.711	9.5	19.9
1 6	4 32.73	+12 14.7	1.864	2.706	13.0	20.1

493140 2014 TX_{46} 12 6.8 48.°84 3.°9/ 7.7 17

10 28	5 24.54	+32 13.4	2.122	2.880	14.9	21.4
11 7	5 20.26	+32 58.0	2.044	2.891	12.2	21.2
11 17	5 13.27	+33 35.8	1.987	2.902	9.0	21.0
11 27	5 4.17	+34 2.9	1.956	2.913	5.8	20.8
12 7	4 53.98	+34 17.0	1.953	2.924	3.9	20.7
12 17	4 43.88	+34 17.5	1.978	2.936	5.4	20.9
12 27	4 35.08	+34 6.6	2.032	2.948	8.4	21.1
1 6	4 28.49	+33 48.4	2.111	2.959	11.4	21.3

287376 2002 VD_{6} 12 6.8 55.°18 3.°4/ 6.9 18

10 28	5 34.43	+24 48.3	1.231	2.023	21.9	19.4
11 7	5 29.46	+26 14.4	1.181	2.052	17.5	19.2
11 17	5 20.30	+27 39.1	1.151	2.082	12.3	19.0
11 27	5 7.87	+28 55.3	1.143	2.112	6.9	18.8
12 7	4 53.91	+29 56.2	1.161	2.142	3.4	18.7
12 17	4 40.46	+30 38.6	1.207	2.172	6.7	19.0
12 27	4 29.46	+31 4.8	1.278	2.202	11.5	19.4
1 6	4 22.11	+31 20.1	1.372	2.233	15.6	19.7

316691 1996 GQ_5 12 6.8 160°.75 0°.1/ 6.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 29.38	+22 8.8	1.662	2.439	17.7	22.0
11 7	5 24.56	+22 15.2	1.580	2.445	14.1	21.7
11 17	5 16.51	+22 19.7	1.518	2.449	9.9	21.5
11 27	5 5.91	+22 21.1	1.481	2.453	5.0	21.2
12 7	4 53.95	+22 18.8	1.472	2.457	0.2	20.8
12 17	4 42.10	+22 13.5	1.492	2.460	5.2	21.3
12 27	4 31.82	+22 7.7	1.539	2.462	10.0	21.5
1 6	4 24.21	+22 4.2	1.611	2.464	14.1	21.8

44340 1998 RH_{66} 12 6.8 357°.48 10°.3/ 3.5 18

10 28	5 17.64	+ 4 12.3	1.451	2.247	18.9	18.0
11 7	5 15.32	+ 2 21.5	1.382	2.244	16.0	17.8
11 17	5 10.09	+ 0 38.4	1.334	2.242	13.0	17.6
11 27	5 2.63	− 0 47.5	1.308	2.240	10.8	17.5
12 7	4 54.02	− 1 48.1	1.305	2.240	10.5	17.5
12 17	4 45.53	− 2 18.0	1.327	2.240	12.2	17.6
12 27	4 38.45	− 2 16.0	1.371	2.241	15.0	17.8
1 6	4 33.73	− 1 45.5	1.435	2.244	17.9	18.0

278105 2007 BX_{65} 12 6.8 248°.91 1°.0/ 7.0 18

10 28	5 26.52	+25 35.2	1.828	2.602	16.4	21.4
11 7	5 22.33	+25 36.6	1.726	2.588	13.3	21.1
11 17	5 15.06	+25 32.9	1.644	2.574	9.4	20.9
11 27	5 5.26	+25 22.4	1.588	2.559	5.0	20.6
12 7	4 53.97	+25 4.5	1.559	2.543	1.0	20.2
12 17	4 42.55	+24 40.2	1.559	2.528	5.0	20.5
12 27	4 32.45	+24 12.9	1.587	2.511	9.7	20.7
1 6	4 24.79	+23 46.7	1.641	2.495	13.8	21.0

494414 2016 US_{72} 12 6.8 33°.37 0°.6/ 6.9 16

10 28	5 23.71	+24 22.7	1.237	2.048	20.8	21.6
11 7	5 20.88	+24 23.7	1.177	2.061	16.6	21.4
11 17	5 14.29	+24 19.5	1.135	2.075	11.5	21.2
11 27	5 4.83	+24 8.9	1.115	2.090	5.9	20.9
12 7	4 54.00	+23 52.1	1.120	2.105	0.6	20.6
12 17	4 43.55	+23 31.2	1.151	2.122	5.9	21.0
12 27	4 35.16	+23 10.5	1.206	2.139	11.1	21.4
1 6	4 29.92	+22 53.9	1.284	2.157	15.6	21.7

487112 2014 OY_{162} 12 6.8 127°.14 2°.7/ 7.5 18

10 28	5 25.02	+30 0.9	2.111	2.872	14.9	21.8
11 7	5 20.60	+30 23.2	2.024	2.876	12.1	21.7
11 17	5 13.49	+30 39.0	1.959	2.880	8.7	21.5
11 27	5 4.30	+30 45.6	1.920	2.883	5.2	21.2
12 7	4 54.01	+30 41.6	1.908	2.887	2.8	21.1
12 17	4 43.79	+30 27.2	1.926	2.890	4.8	21.2
12 27	4 34.84	+30 5.1	1.973	2.893	8.3	21.5
1 6	4 28.07	+29 39.3	2.045	2.897	11.6	21.7

147446 2003 YG_{94} 12 6.8 346°.07 20°.8/19.5 18

10 28	5 31.55	+64 3.0	1.109	1.807	28.9	18.2
11 7	5 33.46	+65 16.0	1.038	1.790	27.4	18.0
11 17	5 26.72	+65 51.1	0.976	1.776	25.5	17.8
11 27	5 12.19	+65 29.4	0.926	1.764	23.5	17.6
12 7	4 53.84	+63 53.7	0.889	1.754	21.8	17.4
12 17	4 37.13	+60 57.9	0.868	1.746	20.8	17.3
12 27	4 26.33	+56 54.2	0.866	1.740	21.2	17.3
1 6	4 22.70	+52 9.3	0.884	1.737	22.8	17.4

32105 2000 KT_{52} 12 6.8 154°.35 3°.1/ 6.0 18

10 28	5 25.32	+16 24.3	1.826	2.605	16.3	19.9
11 7	5 20.83	+15 51.1	1.745	2.610	13.0	19.7
11 17	5 13.63	+15 18.1	1.685	2.615	9.2	19.4
11 27	5 4.36	+14 47.4	1.651	2.619	5.2	19.2
12 7	4 54.03	+14 21.3	1.644	2.623	3.1	19.1
12 17	4 43.83	+14 2.3	1.667	2.626	5.9	19.3
12 27	4 34.97	+13 52.5	1.717	2.629	9.9	19.5
1 6	4 28.34	+13 52.9	1.792	2.632	13.5	19.7

454253 2013 PL_{22} 12 6.8 137°.27 2°.3/ 5.9 17

10 28	5 19.79	+16 48.7	2.573	3.341	12.3	22.1
11 7	5 15.64	+16 15.2	2.486	3.346	9.8	21.9
11 17	5 9.60	+15 41.4	2.423	3.350	6.9	21.8
11 27	5 2.18	+15 8.8	2.387	3.355	3.9	21.6
12 7	4 54.07	+14 39.3	2.380	3.359	2.3	21.5
12 17	4 46.06	+14 14.8	2.404	3.363	4.5	21.6
12 27	4 38.93	+13 57.1	2.457	3.366	7.5	21.8
1 6	4 33.31	+13 47.1	2.537	3.370	10.2	22.0

269594 2010 AM_{36} 12 6.8 34°.71 4°.5/ 5.7 17

10 28	5 18.91	+10 5.5	2.167	2.942	14.1	20.2
11 7	5 15.26	+ 9 34.5	2.091	2.949	11.4	20.1
11 17	5 9.50	+ 9 8.4	2.036	2.956	8.4	19.9
11 27	5 2.18	+ 8 50.0	2.007	2.964	5.7	19.7
12 7	4 54.07	+ 8 41.6	2.006	2.971	4.6	19.7
12 17	4 46.08	+ 8 44.5	2.033	2.979	6.3	19.8
12 27	4 39.09	+ 8 59.1	2.088	2.988	9.1	20.0
1 6	4 33.80	+ 9 24.7	2.168	2.996	11.9	20.2

315900 2008 QX_{20} 12 6.8 45°.52 2°.8/ 5.8 17

	h m	° ′			°	m
10 28	5 19.87	+16 25.7	2.240	3.016	13.7	20.4
11 7	5 16.02	+15 44.5	2.154	3.018	10.9	20.2
11 17	5 10.03	+15 2.7	2.091	3.020	7.7	20.1
11 27	5 2.45	+14 22.7	2.055	3.022	4.5	19.9
12 7	4 54.07	+13 46.9	2.047	3.024	2.9	19.8
12 17	4 45.79	+13 17.6	2.069	3.026	5.2	19.9
12 27	4 38.51	+12 57.2	2.119	3.029	8.5	20.1
1 6	4 32.95	+12 46.6	2.195	3.031	11.5	20.3

272638 2005 WL_{79} 12 6.8 61°.21 0°.4/ 6.9 18 R

10 28	5 27.54	+25 43.1	1.410	2.203	19.6	20.6
11 7	5 23.27	+25 20.4	1.352	2.225	15.6	20.4
11 17	5 15.55	+24 50.2	1.312	2.247	10.8	20.2
11 27	5 5.31	+24 12.1	1.296	2.269	5.5	20.0
12 7	4 54.02	+23 27.8	1.307	2.292	0.4	19.7
12 17	4 43.25	+22 41.2	1.345	2.314	5.4	20.1
12 27	4 34.49	+21 57.4	1.409	2.337	10.3	20.4
1 6	4 28.65	+21 20.9	1.498	2.360	14.4	20.8

333536 2005 SG_{127} 12 6.8 110°.47 1°.3/ 6.5 18

10 28	5 27.51	+20 28.2	1.713	2.493	17.1	21.8
11 7	5 22.71	+20 12.9	1.641	2.508	13.6	21.6
11 17	5 14.96	+19 55.6	1.590	2.522	9.5	21.3
11 27	5 5.02	+19 36.8	1.564	2.537	4.8	21.1
12 7	4 54.03	+19 17.6	1.566	2.551	1.3	20.9
12 17	4 43.30	+18 59.9	1.597	2.564	5.2	21.2
12 27	4 34.14	+18 46.4	1.656	2.577	9.6	21.5
1 6	4 27.43	+18 39.1	1.740	2.590	13.4	21.7

455900 2005 UR_{179} 12 6.8 2°.72 1°.1/ 6.5 18

10 28	5 21.16	+19 50.4	1.895	2.681	15.5	21.6
11 7	5 17.62	+19 45.0	1.810	2.680	12.4	21.4
11 17	5 11.47	+19 38.9	1.746	2.680	8.6	21.1
11 27	5 3.30	+19 32.3	1.708	2.680	4.4	20.9
12 7	4 54.06	+19 26.1	1.697	2.681	1.2	20.7
12 17	4 44.87	+19 21.3	1.715	2.682	4.8	20.9
12 27	4 36.88	+19 19.7	1.760	2.683	9.0	21.2
1 6	4 30.99	+19 22.7	1.831	2.685	12.6	21.4

328772 2009 UY_{109} 12 6.8 84°.15 1°.4/ 7.1 18

10 28	5 24.26	+25 37.3	2.287	3.050	13.8	21.0
11 7	5 19.59	+26 4.4	2.209	3.065	11.0	20.8
11 17	5 12.56	+26 28.4	2.154	3.079	7.7	20.7
11 27	5 3.75	+26 47.4	2.125	3.094	4.2	20.5
12 7	4 54.06	+27 0.3	2.125	3.108	1.4	20.3
12 17	4 44.47	+27 6.9	2.155	3.122	4.0	20.5
12 27	4 36.02	+27 8.6	2.215	3.136	7.5	20.7
1 6	4 29.48	+27 7.9	2.302	3.150	10.6	21.0

259663 2003 WE_{136} 12 6.8 33°.76 0°.1/ 6.8 18

10 28	5 23.98	+24 15.5	1.142	1.959	21.8	20.1
11 7	5 21.38	+23 56.1	1.082	1.969	17.4	19.9
11 17	5 14.80	+23 29.8	1.039	1.980	12.1	19.6
11 27	5 5.14	+22 56.5	1.018	1.992	6.1	19.3
12 7	4 54.03	+22 18.1	1.020	2.005	0.2	18.9
12 17	4 43.34	+21 38.6	1.048	2.019	6.3	19.4
12 27	4 34.86	+21 3.3	1.100	2.034	11.9	19.8
1 6	4 29.71	+20 36.8	1.174	2.049	16.7	20.1

228951 2003 UA_{75} 12 6.8 23°.16 1°.2/ 7.2 18

10 28	5 21.56	+27 48.7	2.098	2.870	14.6	19.8
11 7	5 17.71	+27 33.1	2.013	2.873	11.7	19.6
11 17	5 11.38	+27 10.2	1.948	2.876	8.3	19.4
11 27	5 3.19	+26 39.3	1.910	2.880	4.4	19.2
12 7	4 54.07	+26 1.0	1.899	2.883	1.2	19.0
12 17	4 45.09	+25 17.8	1.919	2.887	4.2	19.2
12 27	4 37.35	+24 33.0	1.966	2.891	8.0	19.4
1 6	4 31.62	+23 50.8	2.040	2.896	11.4	19.7

147999 1997 AC_{14} 12 6.8 355°.12 5°.8/ 6.2 18

10 28	5 19.84	+ 8 9.6	1.618	2.409	17.5	19.5
11 7	5 16.91	+ 7 55.1	1.538	2.405	14.4	19.3
11 17	5 11.17	+ 7 50.2	1.478	2.401	10.8	19.0
11 27	5 3.23	+ 7 58.3	1.441	2.399	7.3	18.8
12 7	4 54.07	+ 8 21.7	1.430	2.397	5.8	18.7
12 17	4 44.92	+ 9 0.6	1.446	2.396	7.8	18.9
12 27	4 37.04	+ 9 54.0	1.487	2.397	11.4	19.1
1 6	4 31.43	+10 58.8	1.552	2.398	15.0	19.3

479437 2013 YD_{101} 12 6.8 333°.86 4°.7/ 7.6 18

10 28	5 27.05	+31 28.9	1.480	2.262	19.3	21.5
11 7	5 23.70	+32 15.8	1.397	2.259	15.8	21.3
11 17	5 16.53	+32 55.3	1.333	2.257	11.7	21.0
11 27	5 6.18	+33 21.9	1.292	2.254	7.4	20.8
12 7	4 54.01	+33 30.9	1.277	2.252	4.8	20.6
12 17	4 41.79	+33 21.4	1.287	2.250	7.0	20.7
12 27	4 31.42	+32 57.0	1.324	2.248	11.2	21.0
1 6	4 24.24	+32 24.6	1.384	2.246	15.4	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
16104 Stesullivan		12 6.8 224°.23 4°.0/ 5.9 18				
	h m	° ′			°	m
10 28	5 25.48	+13 59.3	1.705	2.487	17.1	18.4
11 7	5 21.34	+13 30.2	1.615	2.481	13.9	18.2
11 17	5 14.25	+13 3.5	1.546	2.474	10.0	18.0
11 27	5 4.81	+12 41.9	1.501	2.467	6.0	17.7
12 7	4 54.04	+12 27.9	1.484	2.460	4.0	17.6
12 17	4 43.24	+12 23.7	1.494	2.452	6.8	17.7
12 27	4 33.76	+12 30.8	1.532	2.443	11.0	18.0
1 6	4 26.64	+12 49.4	1.594	2.435	14.9	18.2
287447 2002 XO_{64}		12 6.8 329°.96 3°.4/ 7.6 18				
10 28	5 20.13	+30 9.8	1.225	2.037	20.9	20.2
11 7	5 18.90	+30 19.2	1.137	2.019	17.2	19.9
11 17	5 13.62	+30 17.3	1.066	2.002	12.5	19.6
11 27	5 4.87	+30 0.3	1.016	1.986	7.3	19.3
12 7	4 54.03	+29 26.2	0.990	1.972	3.4	19.0
12 17	4 43.04	+28 36.5	0.988	1.958	6.8	19.1
12 27	4 33.97	+27 38.0	1.009	1.945	12.4	19.4
1 6	4 28.35	+26 39.2	1.052	1.934	17.5	19.7
6718 Beiglböck		12 6.8 105°.35 0°.7/ 7.0 18				
10 28	5 23.09	+25 5.8	2.185	2.954	14.2	17.7
11 7	5 18.79	+25 8.4	2.100	2.960	11.3	17.5
11 17	5 12.08	+25 7.0	2.038	2.966	7.9	17.3
11 27	5 3.54	+25 0.6	2.001	2.972	4.1	17.0
12 7	4 54.07	+24 49.0	1.993	2.978	0.7	16.8
12 17	4 44.70	+24 33.4	2.015	2.984	4.1	17.1
12 27	4 36.49	+24 16.0	2.066	2.989	7.8	17.3
1 6	4 30.23	+23 59.5	2.144	2.995	11.1	17.5
25319 1999 CT_{14}		12 6.8 313°.27 10°.0/ 4.3 18				
10 28	5 20.26	+ 3 14.0	1.494	2.281	18.9	17.4
11 7	5 17.50	+ 1 51.5	1.413	2.269	16.0	17.2
11 17	5 11.75	+ 0 38.1	1.352	2.258	13.0	17.0
11 27	5 3.59	− 0 18.0	1.313	2.247	10.6	16.8
12 7	4 54.09	− 0 49.7	1.297	2.236	10.1	16.8
12 17	4 44.53	− 0 52.4	1.306	2.226	11.8	16.8
12 27	4 36.32	− 0 25.5	1.339	2.216	14.8	17.0
1 6	4 30.51	+ 0 27.3	1.391	2.206	18.1	17.2
191172 2002 MH_5		12 6.8 169°.76 5°.7/ 9.0 17				
10 28	5 26.70	+41 32.3	2.537	3.253	13.8	20.3
11 7	5 21.82	+42 1.1	2.446	3.254	11.7	20.1
11 17	5 14.28	+42 18.0	2.375	3.255	9.3	20.0
11 27	5 4.70	+42 18.8	2.330	3.256	7.1	19.8
12 7	4 54.08	+42 1.3	2.311	3.257	5.8	19.7
12 17	4 43.57	+41 25.4	2.322	3.258	6.4	19.8
12 27	4 34.34	+40 34.6	2.361	3.258	8.3	19.9
1 6	4 27.29	+39 34.1	2.426	3.258	10.7	20.1
364999 2008 KO_{13}		12 6.8 200°.48 2°.1/ 5.9 17				
10 28	5 21.76	+18 23.1	2.475	3.242	12.8	22.2
11 7	5 17.34	+17 42.8	2.380	3.239	10.2	22.0
11 17	5 10.88	+17 0.3	2.308	3.236	7.2	21.8
11 27	5 2.89	+16 17.4	2.263	3.232	3.9	21.6
12 7	4 54.12	+15 36.2	2.249	3.229	2.1	21.5
12 17	4 45.40	+14 59.1	2.264	3.225	4.6	21.6
12 27	4 37.62	+14 28.7	2.310	3.220	7.8	21.8
1 6	4 31.46	+14 6.6	2.382	3.215	10.8	22.0
107041 2000 YR_{128}		12 6.8 294°.67 2°.7/ 7.4 16				
10 28	5 24.32	+28 39.2	1.712	2.492	17.1	20.0
11 7	5 21.06	+28 59.6	1.608	2.471	14.0	19.7
11 17	5 14.50	+29 13.9	1.523	2.451	10.2	19.4
11 27	5 5.15	+29 19.1	1.462	2.430	5.9	19.1
12 7	4 54.07	+29 12.8	1.427	2.409	2.7	18.9
12 17	4 42.72	+28 54.8	1.421	2.388	5.6	19.0
12 27	4 32.72	+28 28.2	1.441	2.367	10.3	19.2
1 6	4 25.35	+27 58.1	1.485	2.347	14.6	19.4
96604 1998 YG_{19}		12 6.8 25°.21 1°.6/ 7.3 18				
10 28	5 21.22	+27 42.0	1.934	2.713	15.5	18.9
11 7	5 17.69	+27 42.7	1.856	2.720	12.4	18.7
11 17	5 11.50	+27 37.0	1.798	2.727	8.8	18.4
11 27	5 3.31	+27 23.4	1.766	2.735	4.8	18.2
12 7	4 54.12	+27 1.9	1.761	2.744	1.6	18.0
12 17	4 45.09	+26 34.2	1.784	2.753	4.5	18.2
12 27	4 37.39	+26 3.4	1.836	2.762	8.4	18.5
1 6	4 31.85	+25 33.2	1.913	2.772	11.9	18.7
437931 2002 PX_{155}		12 6.8 75°.92 1°.1/ 7.1 18				
10 28	5 27.13	+25 20.4	1.790	2.565	16.7	21.7
11 7	5 22.34	+25 30.0	1.725	2.587	13.3	21.5
11 17	5 14.66	+25 35.0	1.680	2.609	9.2	21.3
11 27	5 4.87	+25 33.8	1.661	2.632	4.8	21.1
12 7	4 54.09	+25 26.0	1.669	2.654	1.1	20.9
12 17	4 43.65	+25 12.7	1.707	2.676	4.7	21.2
12 27	4 34.77	+24 56.7	1.773	2.697	8.8	21.5
1 6	4 28.33	+24 41.4	1.864	2.719	12.4	21.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
265666 2005 UT_{28}		12 6.8 145°.83 4°.1/ 7.6 18				
	h m	° ′			°	m
10 28	5 27.97	+33 21.0	2.429	3.168	13.7	21.6
11 7	5 22.76	+34 12.9	2.341	3.175	11.3	21.5
11 17	5 14.94	+34 58.4	2.276	3.182	8.5	21.3
11 27	5 5.08	+35 33.7	2.237	3.188	5.7	21.1
12 7	4 54.10	+35 55.8	2.227	3.194	4.1	21.0
12 17	4 43.09	+36 3.5	2.247	3.199	5.3	21.1
12 27	4 33.23	+35 58.6	2.297	3.204	8.0	21.3
1 6	4 25.44	+35 44.9	2.373	3.209	10.7	21.5
488112 2015 VU_{82}		12 6.8 89°.60 1°.9/ 6.4 18				
10 28	5 23.01	+17 44.2	2.008	2.786	15.0	21.3
11 7	5 18.77	+17 32.6	1.930	2.795	12.0	21.1
11 17	5 12.08	+17 21.4	1.874	2.805	8.3	20.9
11 27	5 3.56	+17 11.7	1.843	2.814	4.5	20.7
12 7	4 54.13	+17 4.3	1.841	2.823	1.9	20.5
12 17	4 44.83	+17 0.6	1.868	2.833	4.9	20.7
12 27	4 36.72	+17 1.8	1.924	2.842	8.7	21.0
1 6	4 30.61	+17 9.0	2.005	2.851	12.0	21.2
97637 Blennert		12 6.8 326°.83 5°.4/ 7.4 18				
10 28	5 24.79	+33 24.7	1.947	2.708	16.0	18.8
11 7	5 21.25	+34 37.6	1.849	2.695	13.3	18.6
11 17	5 14.55	+35 45.7	1.772	2.683	10.1	18.3
11 27	5 5.16	+36 43.4	1.720	2.671	7.1	18.1
12 7	4 54.09	+37 25.7	1.695	2.659	5.4	18.0
12 17	4 42.72	+37 49.5	1.698	2.648	6.9	18.1
12 27	4 32.58	+37 55.8	1.727	2.637	10.0	18.2
1 6	4 24.94	+37 48.9	1.782	2.627	13.3	18.4
63349 2001 FY_{101}		12 6.8 218°.62 1°.8/ 6.2 18				
10 28	5 23.80	+19 45.6	2.133	2.905	14.4	20.6
11 7	5 19.40	+19 12.6	2.036	2.898	11.5	20.4
11 17	5 12.57	+18 36.7	1.962	2.892	8.1	20.1
11 27	5 3.86	+17 59.2	1.914	2.884	4.3	19.9
12 7	4 54.13	+17 22.0	1.894	2.877	1.8	19.7
12 17	4 44.43	+16 47.5	1.905	2.869	4.9	19.9
12 27	4 35.82	+16 18.9	1.945	2.861	8.7	20.1
1 6	4 29.14	+15 58.2	2.011	2.852	12.2	20.3
187136 2005 QQ_{134}		12 6.8 267°.01 1°.8/ 7.3 17				
10 28	5 23.67	+27 27.6	2.063	2.832	14.9	21.4
11 7	5 19.62	+27 41.1	1.970	2.829	12.0	21.2
11 17	5 12.91	+27 49.4	1.899	2.825	8.6	20.9
11 27	5 4.09	+27 50.7	1.853	2.822	4.7	20.7
12 7	4 54.12	+27 43.8	1.835	2.818	1.8	20.5
12 17	4 44.16	+27 29.4	1.847	2.814	4.5	20.7
12 27	4 35.40	+27 9.9	1.887	2.811	8.4	20.9
1 6	4 28.77	+26 48.8	1.953	2.807	11.9	21.1
377234 2004 BF_{33}		12 6.8 19°.05 2°.7/ 6.6 18				
10 28	5 20.66	+16 39.3	0.991	1.826	23.1	20.2
11 7	5 19.15	+16 42.0	0.936	1.833	18.5	19.9
11 17	5 13.53	+16 49.4	0.898	1.843	13.0	19.7
11 27	5 4.64	+17 2.7	0.879	1.854	6.9	19.4
12 7	4 54.12	+17 22.5	0.883	1.866	2.8	19.2
12 17	4 43.90	+17 48.4	0.910	1.880	7.3	19.5
12 27	4 35.92	+18 20.6	0.960	1.895	13.0	19.9
1 6	4 31.39	+18 58.6	1.030	1.911	17.9	20.2
164776 1999 CJ_{133}		12 6.8 274°.56 0°.8/ 6.6 18				
10 28	5 20.24	+20 38.9	2.508	3.277	12.6	20.2
11 7	5 16.34	+20 31.7	2.401	3.262	10.1	20.0
11 17	5 10.34	+20 23.0	2.318	3.247	7.0	19.8
11 27	5 2.71	+20 13.1	2.261	3.233	3.6	19.6
12 7	4 54.16	+20 2.4	2.233	3.217	0.8	19.3
12 17	4 45.53	+19 52.1	2.236	3.202	3.9	19.5
12 27	4 37.73	+19 43.6	2.268	3.187	7.4	19.7
1 6	4 31.52	+19 38.6	2.326	3.172	10.6	19.9
60145 1999 TB_{313}		12 6.8 152°.56 1°.4/ 6.5 18				
10 28	5 27.33	+20 5.6	1.722	2.502	17.1	21.0
11 7	5 22.73	+19 50.8	1.641	2.507	13.6	20.8
11 17	5 15.13	+19 34.3	1.581	2.513	9.5	20.5
11 27	5 5.22	+19 16.6	1.546	2.518	4.9	20.3
12 7	4 54.12	+18 58.7	1.538	2.522	1.4	20.0
12 17	4 43.16	+18 42.5	1.560	2.526	5.4	20.3
12 27	4 33.69	+18 30.5	1.609	2.530	9.8	20.6
1 6	4 26.66	+18 24.9	1.683	2.533	13.8	20.8
517477 2014 QS_{29}		12 6.8 88°.52 6°.7/ 4.8 18				
10 28	5 21.04	+ 3 45.5	2.305	3.059	14.0	22.2
11 7	5 16.63	+ 2 43.5	2.243	3.080	11.6	22.1
11 17	5 10.26	+ 1 49.5	2.204	3.100	9.2	22.0
11 27	5 2.53	+ 1 7.8	2.190	3.120	7.2	21.9
12 7	4 54.18	+ 0 41.6	2.204	3.139	6.7	21.9
12 17	4 46.03	+ 0 32.9	2.246	3.159	7.9	22.0
12 27	4 38.91	+ 0 41.6	2.315	3.178	10.0	22.2
1 6	4 33.40	+ 1 5.9	2.408	3.197	12.1	22.4

64424 2001 VK_1 12 6.8 29.°59 0.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.57	+25 0.2	1.835	2.617	16.1	18.9
11 7	5 18.88	+24 50.7	1.753	2.620	12.8	18.7
11 17	5 12.41	+24 35.9	1.692	2.624	9.0	18.4
11 27	5 3.82	+24 15.2	1.656	2.628	4.6	18.2
12 7	4 54.15	+23 49.3	1.648	2.633	0.5	17.9
12 17	4 44.62	+23 20.0	1.668	2.637	4.6	18.2
12 27	4 36.45	+22 50.6	1.716	2.642	8.9	18.5
1 6	4 30.55	+22 24.7	1.789	2.647	12.7	18.7

451258 2010 LA_{84} 12 6.8 126.°64 5.°7/ 8.7 18

10 28	5 30.17	+39 48.1	2.341	3.062	14.7	21.5
11 7	5 24.67	+40 26.9	2.261	3.075	12.3	21.3
11 17	5 16.31	+40 54.2	2.202	3.088	9.7	21.2
11 27	5 5.76	+41 5.4	2.168	3.100	7.1	21.1
12 7	4 54.12	+40 57.6	2.162	3.112	5.7	21.0
12 17	4 42.67	+40 31.0	2.184	3.124	6.4	21.1
12 27	4 32.68	+39 49.0	2.236	3.135	8.6	21.2
1 6	4 25.07	+38 57.4	2.313	3.145	11.1	21.4

168599 2000 AY_{63} 12 6.8 351.°17 4.°0/ 6.3 18

10 28	5 18.82	+14 0.3	1.345	2.158	19.3	19.3
11 7	5 16.83	+13 48.8	1.267	2.151	15.6	19.0
11 17	5 11.56	+13 42.6	1.207	2.144	11.2	18.8
11 27	5 3.62	+13 44.3	1.169	2.139	6.6	18.5
12 7	4 54.16	+13 55.8	1.156	2.135	4.0	18.3
12 17	4 44.68	+14 18.0	1.168	2.132	7.2	18.5
12 27	4 36.72	+14 51.0	1.205	2.131	11.9	18.8
1 6	4 31.47	+15 33.7	1.264	2.130	16.3	19.0

59232 Sfiligoi 12 6.8 232.°51 1.°7/ 6.5 18

10 28	5 26.62	+17 16.2	2.035	2.803	15.2	20.1
11 7	5 21.94	+17 21.0	1.932	2.791	12.2	19.9
11 17	5 14.56	+17 27.7	1.850	2.778	8.6	19.6
11 27	5 5.00	+17 36.7	1.795	2.765	4.6	19.4
12 7	4 54.14	+17 47.9	1.768	2.751	1.7	19.2
12 17	4 43.12	+18 1.7	1.772	2.737	5.0	19.4
12 27	4 33.16	+18 18.7	1.805	2.722	9.2	19.6
1 6	4 25.27	+18 39.8	1.863	2.706	13.0	19.8

443331 2014 FO_{68} 12 6.8 247.°46 0.°1/ 6.8 18

10 28	5 26.54	+20 6.7	1.877	2.652	16.0	21.1
11 7	5 22.18	+20 37.6	1.781	2.645	12.9	20.8
11 17	5 14.89	+21 10.6	1.707	2.637	9.0	20.6
11 27	5 5.22	+21 44.2	1.658	2.630	4.6	20.3
12 7	4 54.14	+22 16.7	1.637	2.622	0.1	19.9
12 17	4 42.89	+22 46.8	1.646	2.614	4.8	20.3
12 27	4 32.84	+23 14.7	1.683	2.606	9.3	20.5
1 6	4 25.07	+23 41.6	1.746	2.598	13.3	20.8

251632 2010 KZ_{29} 12 6.8 88.°85 2.°2/ 7.5 18

10 28	5 25.73	+29 37.1	1.987	2.752	15.6	21.1
11 7	5 21.16	+29 41.0	1.911	2.765	12.5	21.0
11 17	5 13.85	+29 37.0	1.855	2.778	8.9	20.8
11 27	5 4.49	+29 23.4	1.825	2.791	5.1	20.6
12 7	4 54.16	+28 59.7	1.823	2.804	2.2	20.4
12 17	4 44.05	+28 27.3	1.850	2.816	4.6	20.6
12 27	4 35.37	+27 50.0	1.906	2.829	8.4	20.8
1 6	4 28.97	+27 12.1	1.987	2.841	11.8	21.1

144394 2004 EO_2 12 6.8 309.°44 0.°4/ 6.9 18

10 28	5 22.94	+24 45.4	1.864	2.644	15.9	20.3
11 7	5 19.24	+24 37.9	1.774	2.640	12.8	20.1
11 17	5 12.74	+24 25.4	1.704	2.636	8.9	19.9
11 27	5 4.05	+24 7.3	1.660	2.632	4.6	19.6
12 7	4 54.17	+23 43.7	1.643	2.628	0.4	19.3
12 17	4 44.32	+23 16.6	1.655	2.625	4.7	19.6
12 27	4 35.78	+22 49.0	1.695	2.621	9.0	19.8
1 6	4 29.50	+22 24.5	1.760	2.618	12.9	20.1

136649 1995 GA_4 12 6.8 79.°90 2.°0/ 6.4 18

10 28	5 23.22	+17 38.6	1.922	2.702	15.5	20.1
11 7	5 19.06	+17 27.0	1.845	2.712	12.4	19.9
11 17	5 12.36	+17 16.0	1.790	2.721	8.6	19.7
11 27	5 3.74	+17 6.5	1.760	2.731	4.6	19.5
12 7	4 54.18	+16 59.7	1.759	2.741	2.0	19.4
12 17	4 44.75	+16 56.8	1.786	2.751	5.1	19.6
12 27	4 36.58	+16 59.1	1.842	2.760	8.9	19.8
1 6	4 30.49	+17 7.6	1.922	2.770	12.4	20.1

317464 2002 RL_{127} 12 6.8 30.°83 4.°2/ 5.6 18

10 28	5 22.06	+20 32.4	0.980	1.814	23.4	19.3
11 7	5 19.89	+19 1.2	0.936	1.833	18.5	19.0
11 17	5 13.65	+17 23.9	0.908	1.853	12.9	18.8
11 27	5 4.49	+15 47.3	0.902	1.875	7.1	18.6
12 7	4 54.16	+14 19.8	0.918	1.899	4.3	18.5
12 17	4 44.57	+13 9.3	0.959	1.923	8.3	18.8
12 27	4 37.36	+12 21.4	1.022	1.948	13.5	19.2
1 6	4 33.45	+11 56.9	1.106	1.975	17.9	19.5

245302 2005 EG_{11} 12 6.8 318.°18 1.°5/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.49	+18 45.9	1.610	2.404	17.4	20.5
11 7	5 19.35	+18 48.7	1.519	2.394	14.0	20.2
11 17	5 13.13	+18 52.6	1.449	2.384	9.9	19.9
11 27	5 4.38	+18 57.8	1.402	2.375	5.2	19.6
12 7	4 54.17	+19 4.7	1.382	2.366	1.5	19.4
12 17	4 43.84	+19 13.7	1.389	2.357	5.6	19.6
12 27	4 34.87	+19 26.1	1.423	2.349	10.4	19.9
1 6	4 28.38	+19 43.2	1.481	2.341	14.7	20.1

453551 2009 WV_{226} 12 6.8 313.°50 4.°9/ 4.6 16

10 28	5 19.00	+14 36.8	1.942	2.729	15.1	20.8
11 7	5 16.01	+13 17.0	1.832	2.700	12.3	20.5
11 17	5 10.50	+11 53.1	1.743	2.671	9.1	20.2
11 27	5 2.95	+10 29.4	1.680	2.641	6.0	20.0
12 7	4 54.20	+ 9 11.2	1.644	2.613	5.0	19.9
12 17	4 45.28	+ 8 4.2	1.637	2.584	7.5	20.0
12 27	4 37.34	+ 7 13.0	1.658	2.556	11.1	20.1
1 6	4 31.33	+ 6 40.2	1.701	2.529	14.7	20.3

516520 2006 KS_{25} 12 6.8 222.°44 1.°2/ 6.5 18

10 28	5 24.44	+21 20.5	2.061	2.833	14.9	22.6
11 7	5 20.06	+20 52.7	1.964	2.826	11.9	22.3
11 17	5 13.13	+20 21.1	1.888	2.819	8.3	22.1
11 27	5 4.19	+19 46.5	1.839	2.811	4.3	21.9
12 7	4 54.18	+19 10.4	1.819	2.803	1.2	21.6
12 17	4 44.19	+18 35.2	1.829	2.795	4.8	21.9
12 27	4 35.34	+18 4.2	1.867	2.786	8.8	22.1
1 6	4 28.53	+17 40.0	1.931	2.776	12.5	22.3

411576 2011 EU_8 12 6.8 15.°32 6.°3/ 5.5 18

10 28	5 18.33	+ 8 32.1	1.699	2.490	16.8	20.5
11 7	5 15.43	+ 7 44.6	1.629	2.495	13.7	20.3
11 17	5 9.97	+ 7 3.9	1.579	2.501	10.4	20.1
11 27	5 2.57	+ 6 34.6	1.554	2.507	7.4	20.0
12 7	4 54.21	+ 6 20.2	1.554	2.515	6.3	19.9
12 17	4 46.00	+ 6 23.0	1.581	2.523	8.1	20.1
12 27	4 39.04	+ 6 43.1	1.633	2.532	11.2	20.3
1 6	4 34.16	+ 7 18.5	1.708	2.542	14.4	20.5

358246 2006 SS_{381} 12 6.8 71.°68 3.°6/ 6.0 18

10 28	5 22.28	+13 52.9	1.885	2.666	15.7	21.5
11 7	5 18.36	+13 26.1	1.806	2.672	12.6	21.3
11 17	5 11.90	+13 2.1	1.749	2.677	9.1	21.1
11 27	5 3.54	+12 43.2	1.717	2.683	5.4	20.9
12 7	4 54.20	+12 31.6	1.713	2.689	3.7	20.8
12 17	4 44.97	+12 28.8	1.737	2.694	6.1	20.9
12 27	4 36.96	+12 36.0	1.789	2.700	9.7	21.2
1 6	4 31.01	+12 53.2	1.865	2.706	13.0	21.4

223991 2005 CT_{48} 12 6.8 299.°16 2.°8/ 6.1 18

10 28	5 19.53	+15 7.0	2.257	3.033	13.6	20.2
11 7	5 15.93	+14 48.3	2.159	3.022	10.9	20.0
11 17	5 10.14	+14 31.1	2.083	3.011	7.8	19.7
11 27	5 2.65	+14 17.1	2.033	3.000	4.5	19.5
12 7	4 54.21	+14 7.7	2.012	2.989	2.8	19.4
12 17	4 45.72	+14 4.6	2.019	2.979	5.1	19.5
12 27	4 38.14	+14 8.7	2.056	2.968	8.5	19.7
1 6	4 32.24	+14 20.7	2.118	2.958	11.7	19.9

484966 2009 TF_{18} 12 6.8 111.°21 4.°7/ 8.2 18

10 28	5 26.52	+36 7.7	2.268	3.009	14.6	21.5
11 7	5 21.82	+36 45.1	2.184	3.016	12.0	21.3
11 17	5 14.39	+37 13.3	2.121	3.023	9.2	21.1
11 27	5 4.84	+37 28.1	2.083	3.030	6.4	21.0
12 7	4 54.17	+37 27.1	2.074	3.036	4.8	20.9
12 17	4 43.60	+37 10.2	2.093	3.043	5.8	21.0
12 27	4 34.34	+36 40.1	2.140	3.049	8.4	21.2
1 6	4 27.30	+36 2.0	2.214	3.055	11.2	21.3

429070 2009 HR_{67} 12 6.8 114.°08 0.°4/ 6.9 17

10 28	5 32.47	+21 58.4	1.666	2.437	17.9	21.7
11 7	5 26.86	+22 25.9	1.596	2.457	14.3	21.5
11 17	5 18.02	+22 52.7	1.547	2.476	9.9	21.3
11 27	5 6.70	+23 16.5	1.523	2.494	5.1	21.0
12 7	4 54.16	+23 35.5	1.527	2.512	0.4	20.7
12 17	4 41.88	+23 49.2	1.561	2.529	5.1	21.1
12 27	4 31.30	+23 59.3	1.624	2.546	9.6	21.4
1 6	4 23.46	+24 8.4	1.711	2.561	13.5	21.7

274107 2008 DL_{21} 12 6.8 153.°07 0.°8/ 7.0 18

10 28	5 30.15	+24 36.8	2.036	2.795	15.4	21.8
11 7	5 24.56	+24 47.8	1.952	2.806	12.3	21.6
11 17	5 16.21	+24 55.3	1.890	2.816	8.6	21.4
11 27	5 5.74	+24 57.6	1.854	2.824	4.5	21.2
12 7	4 54.18	+24 53.9	1.848	2.832	0.8	20.9
12 17	4 42.75	+24 44.7	1.872	2.839	4.5	21.2
12 27	4 32.68	+24 32.4	1.925	2.846	8.5	21.5
1 6	4 24.87	+24 20.2	2.005	2.851	12.1	21.7

134484 1998 WO_{15} 12 6.8 71°.99 0°.3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.84	+19 26.5	1.773	2.549	16.8	19.4
11 7	5 22.96	+20 1.0	1.705	2.569	13.3	19.2
11 17	5 15.20	+20 37.3	1.657	2.588	9.2	19.0
11 27	5 5.24	+21 13.8	1.635	2.607	4.7	18.8
12 7	4 54.19	+21 48.6	1.642	2.627	0.3	18.4
12 17	4 43.33	+22 20.6	1.678	2.646	4.8	18.8
12 27	4 33.96	+22 50.1	1.742	2.665	9.0	19.1
1 6	4 26.98	+23 18.2	1.832	2.684	12.7	19.4

422169 2014 RT_{16} 12 6.8 129°.23 5°.0/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.12	+37 15.8	2.371	3.106	14.1	21.1
11 7	5 21.47	+37 53.9	2.283	3.110	11.8	21.0
11 17	5 14.13	+38 22.6	2.217	3.114	9.1	20.8
11 27	5 4.72	+38 37.7	2.176	3.118	6.5	20.7
12 7	4 54.20	+38 36.7	2.162	3.121	5.0	20.6
12 17	4 43.74	+38 19.3	2.178	3.125	5.9	20.6
12 27	4 34.52	+37 48.3	2.222	3.128	8.3	20.8
1 6	4 27.47	+37 8.5	2.292	3.131	11.0	21.0

484457 2008 CU_{2} 12 6.8 315°.25 6°.3/ 5.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.18	+ 9 41.7	1.628	2.422	17.3	21.7
11 7	5 16.72	+ 8 58.6	1.525	2.394	14.3	21.4
11 17	5 11.35	+ 8 20.1	1.442	2.367	10.9	21.1
11 27	5 3.54	+ 7 51.1	1.382	2.340	7.6	20.9
12 7	4 54.22	+ 7 36.0	1.348	2.314	6.3	20.8
12 17	4 44.60	+ 7 38.2	1.340	2.288	8.6	20.8
12 27	4 36.09	+ 7 59.2	1.357	2.263	12.5	21.0
1 6	4 29.83	+ 8 38.1	1.396	2.238	16.5	21.2

197664 2004 NR_{5} 12 6.8 68°.05 0°.5/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.29	+20 41.2	1.504	2.292	18.8	20.3
11 7	5 23.71	+20 54.7	1.444	2.315	14.9	20.1
11 17	5 15.87	+21 7.8	1.404	2.337	10.3	19.9
11 27	5 5.59	+21 19.4	1.387	2.360	5.2	19.7
12 7	4 54.19	+21 28.9	1.398	2.383	0.5	19.4
12 17	4 43.16	+21 36.6	1.436	2.405	5.3	19.8
12 27	4 33.92	+21 44.2	1.502	2.428	10.0	20.2
1 6	4 27.44	+21 53.8	1.592	2.450	14.0	20.5

48026 2001 DN_{24} 12 6.8 153°.87 3°.9/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.69	+13 44.0	1.687	2.467	17.4	20.0
11 7	5 22.20	+13 20.1	1.608	2.472	14.0	19.8
11 17	5 14.77	+12 59.7	1.550	2.477	10.0	19.6
11 27	5 5.08	+12 45.0	1.516	2.481	6.0	19.3
12 7	4 54.20	+12 38.2	1.509	2.485	3.9	19.2
12 17	4 43.43	+12 40.8	1.531	2.489	6.6	19.4
12 27	4 34.09	+12 53.9	1.580	2.492	10.7	19.6
1 6	4 27.14	+13 17.3	1.653	2.494	14.4	19.9

108065 2001 FE_{162} 12 6.8 168°.92 3°.8/ 5.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.30	+12 9.8	2.552	3.310	12.7	20.5
11 7	5 18.38	+11 23.1	2.465	3.315	10.2	20.3
11 17	5 11.52	+10 38.2	2.402	3.319	7.5	20.1
11 27	5 3.24	+ 9 57.7	2.365	3.323	4.9	20.0
12 7	4 54.24	+ 9 24.1	2.359	3.326	3.9	19.9
12 17	4 45.33	+ 8 59.6	2.383	3.328	5.6	20.0
12 27	4 37.33	+ 8 45.8	2.437	3.330	8.3	20.2
1 6	4 30.89	+ 8 43.0	2.517	3.331	10.9	20.4

70087 1999 JO_{70} 12 6.8 177°.61 0°.1/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.24	+21 27.1	1.656	2.434	17.7	19.7
11 7	5 24.60	+21 42.8	1.571	2.436	14.2	19.4
11 17	5 16.70	+21 58.1	1.506	2.437	9.9	19.2
11 27	5 6.17	+22 11.5	1.465	2.438	5.1	18.9
12 7	4 54.18	+22 21.8	1.453	2.438	0.1	18.5
12 17	4 42.20	+22 29.0	1.469	2.438	5.3	18.9
12 27	4 31.74	+22 34.8	1.513	2.437	10.1	19.2
1 6	4 23.95	+22 41.6	1.582	2.435	14.3	19.4

351605 2005 VP_{113} 12 6.8 9°.27 3°.4/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.87	+27 1.3	1.374	2.171	19.8	20.3
11 7	5 22.85	+27 56.7	1.298	2.171	16.1	20.0
11 17	5 16.01	+28 49.3	1.241	2.173	11.6	19.8
11 27	5 6.00	+29 34.3	1.206	2.174	6.7	19.5
12 7	4 54.18	+30 7.0	1.196	2.177	3.4	19.3
12 17	4 42.33	+30 25.3	1.213	2.180	6.5	19.5
12 27	4 32.33	+30 31.1	1.256	2.184	11.3	19.8
1 6	4 25.53	+30 29.3	1.320	2.188	15.7	20.1

448767 2011 RV_{13} 12 6.8 121°.10 4°.5/ 5.6 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.25	+11 50.2	2.025	2.795	15.2	22.8
11 7	5 19.58	+11 5.6	1.951	2.808	12.2	22.6
11 17	5 12.55	+10 24.2	1.900	2.821	8.9	22.4
11 27	5 3.80	+ 9 49.2	1.875	2.834	5.8	22.3
12 7	4 54.23	+ 9 23.4	1.878	2.846	4.5	22.2
12 17	4 44.85	+ 9 9.2	1.910	2.858	6.5	22.4
12 27	4 36.67	+ 9 7.6	1.970	2.869	9.6	22.6
1 6	4 30.44	+ 9 18.4	2.055	2.880	12.6	22.8

511738 2015 DM_{83} 12 6.8 300°.03 4°.1/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.83	+30 5.9	1.372	2.161	20.2	22.1
11 7	5 24.60	+30 43.3	1.290	2.157	16.5	21.8
11 17	5 17.36	+31 13.5	1.225	2.153	12.1	21.5
11 27	5 6.74	+31 31.2	1.183	2.149	7.3	21.3
12 7	4 54.17	+31 32.5	1.166	2.145	4.1	21.1
12 17	4 41.55	+31 16.6	1.176	2.141	6.8	21.2
12 27	4 30.88	+30 47.8	1.210	2.138	11.7	21.5
1 6	4 23.60	+30 13.3	1.267	2.134	16.2	21.7

522133 2016 AW_{245} 12 6.8 252°.40 2°.2/ 7.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.58	+30 52.1	2.403	3.159	13.4	21.3
11 7	5 18.34	+30 46.1	2.308	3.157	10.9	21.1
11 17	5 11.78	+30 32.1	2.235	3.155	7.8	20.9
11 27	5 3.46	+30 8.7	2.188	3.153	4.6	20.7
12 7	4 54.23	+29 35.5	2.170	3.150	2.2	20.5
12 17	4 45.10	+28 54.2	2.183	3.148	4.1	20.7
12 27	4 37.06	+28 8.1	2.224	3.146	7.4	20.9
1 6	4 30.89	+27 21.2	2.293	3.144	10.5	21.1

133804 2003 WO_{149} 12 6.8 343°.01 7°.1/ 7.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.57	+ 0 55.7	1.879	2.636	16.6	19.0
11 7	5 19.54	+ 1 7.9	1.789	2.626	14.0	18.8
11 17	5 12.89	+ 1 36.3	1.718	2.617	11.1	18.6
11 27	5 4.16	+ 2 24.3	1.671	2.609	8.4	18.4
12 7	4 54.23	+ 3 33.2	1.651	2.602	7.1	18.3
12 17	4 44.19	+ 5 1.5	1.659	2.595	8.4	18.3
12 27	4 35.24	+ 6 45.6	1.695	2.589	11.2	18.5
1 6	4 28.32	+ 8 40.2	1.757	2.584	14.3	18.7

454580 2014 PG_{22} 12 6.8 169°.27 1°.1/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.19	+20 2.6	2.166	2.940	14.2	21.9
11 7	5 18.09	+19 50.2	2.077	2.940	11.3	21.7
11 17	5 11.64	+19 36.5	2.010	2.941	7.9	21.5
11 27	5 3.41	+19 21.9	1.970	2.942	4.1	21.3
12 7	4 54.24	+19 7.3	1.958	2.942	1.2	21.1
12 17	4 45.12	+18 54.1	1.976	2.942	4.4	21.3
12 27	4 37.08	+18 44.2	2.023	2.943	8.2	21.5
1 6	4 30.91	+18 39.2	2.096	2.943	11.5	21.8

94890 2001 YB_{3} 12 6.8 66°.91 3°.9/ 6.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.44	+15 22.0	1.196	1.999	21.8	19.2
11 7	5 25.09	+14 57.5	1.146	2.024	17.3	19.0
11 17	5 17.01	+14 36.8	1.113	2.049	12.2	18.8
11 27	5 6.19	+14 22.4	1.103	2.073	6.9	18.6
12 7	4 54.20	+14 16.2	1.118	2.098	3.9	18.5
12 17	4 42.79	+14 19.9	1.160	2.123	7.4	18.8
12 27	4 33.57	+14 34.4	1.226	2.147	12.2	19.1
1 6	4 27.52	+14 59.1	1.314	2.172	16.4	19.5

179708 2002 RA_{48} 12 6.8 136°.92 1°.9/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 30.28	+27 13.8	1.790	2.557	17.0	20.9
11 7	5 25.13	+27 29.7	1.712	2.568	13.7	20.7
11 17	5 16.85	+27 40.0	1.654	2.579	9.7	20.5
11 27	5 6.14	+27 42.0	1.621	2.589	5.3	20.2
12 7	4 54.20	+27 34.3	1.616	2.599	1.9	20.0
12 17	4 42.45	+27 17.7	1.641	2.608	5.0	20.3
12 27	4 32.31	+26 55.5	1.694	2.616	9.3	20.5
1 6	4 24.76	+26 32.1	1.772	2.624	13.1	20.8

280141 2002 PP_{27} 12 6.8 43°.47 8°.5/ 5.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.88	− 0 32.8	1.986	2.742	15.9	20.1
11 7	5 16.09	− 1 24.0	1.929	2.760	13.4	20.0
11 17	5 10.10	− 2 2.2	1.891	2.777	11.0	19.9
11 27	5 2.54	− 2 22.6	1.878	2.795	9.1	19.8
12 7	4 54.26	− 2 21.8	1.890	2.814	8.5	19.8
12 17	4 46.20	− 1 59.0	1.928	2.833	9.5	19.9
12 27	4 39.27	− 1 15.7	1.992	2.852	11.5	20.1
1 6	4 34.16	− 0 15.5	2.079	2.871	13.7	20.3

487890 2015 TD_{148} 12 6.8 11°.75 3°.3/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.07	+30 4.5	1.819	2.591	16.6	21.2
11 7	5 21.23	+30 36.1	1.735	2.592	13.5	20.9
11 17	5 14.31	+31 1.2	1.670	2.593	9.8	20.7
11 27	5 4.94	+31 16.3	1.630	2.594	5.9	20.5
12 7	4 54.23	+31 19.0	1.617	2.595	3.3	20.3
12 17	4 43.54	+31 9.2	1.632	2.596	5.5	20.5
12 27	4 34.30	+30 49.7	1.675	2.597	9.3	20.7
1 6	4 27.56	+30 25.2	1.742	2.599	13.0	20.9

453516 2009 UD_{130} 12 6.8 30°.45 2°.3/ 7.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.41	+24 27.7	1.599	2.386	17.9	20.0
11 7	5 21.54	+25 30.7	1.537	2.406	14.2	19.8
11 17	5 14.48	+26 32.4	1.496	2.428	10.0	19.6
11 27	5 4.97	+27 29.0	1.480	2.450	5.5	19.4
12 7	4 54.23	+28 16.5	1.491	2.473	2.3	19.3
12 17	4 43.70	+28 53.0	1.529	2.497	5.3	19.5
12 27	4 34.81	+29 19.5	1.596	2.521	9.5	19.8
1 6	4 28.57	+29 38.9	1.686	2.546	13.2	20.1

184508 Courroux 12 6.8 127°.59 4°.9/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.45	+37 1.1	2.319	3.052	14.5	21.0
11 7	5 23.27	+37 36.7	2.237	3.063	12.0	20.8
11 17	5 15.35	+38 2.4	2.176	3.073	9.2	20.6
11 27	5 5.32	+38 14.1	2.140	3.083	6.5	20.5
12 7	4 54.22	+38 9.3	2.133	3.093	4.9	20.4
12 17	4 43.26	+37 48.0	2.154	3.102	5.9	20.5
12 27	4 33.66	+37 13.5	2.205	3.112	8.3	20.7
1 6	4 26.31	+36 30.7	2.282	3.120	11.0	20.9

298889 2004 TB_8 12 6.8 6°.11 1°.6/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.70	+15 49.0	2.146	2.928	14.1	18.6
11 7	5 15.37	+16 11.1	2.063	2.930	11.2	18.4
11 17	5 9.79	+16 37.0	2.002	2.933	7.8	18.2
11 27	5 2.50	+17 6.8	1.966	2.937	4.2	18.0
12 7	4 54.28	+17 40.0	1.959	2.942	1.7	17.8
12 17	4 46.07	+18 16.1	1.981	2.947	4.4	18.0
12 27	4 38.85	+18 54.5	2.032	2.954	8.0	18.3
1 6	4 33.38	+19 35.0	2.109	2.961	11.3	18.5

168241 2006 KD_{86} 12 6.8 43°.30 8°.2/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.25	+ 3 17.6	1.367	2.151	20.5	18.8
11 7	5 21.15	+ 2 50.8	1.322	2.178	16.9	18.6
11 17	5 13.96	+ 2 39.9	1.295	2.206	13.0	18.4
11 27	5 4.57	+ 2 49.5	1.290	2.235	9.7	18.3
12 7	4 54.25	+ 3 21.6	1.310	2.263	8.2	18.3
12 17	4 44.42	+ 4 14.9	1.355	2.293	9.7	18.5
12 27	4 36.36	+ 5 26.0	1.426	2.323	12.7	18.8
1 6	4 30.92	+ 6 49.2	1.519	2.353	15.9	19.0

138506 2000 KP_{64} 12 6.8 254°.89 1°.4/ 6.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.77	+18 53.1	2.259	3.027	13.8	21.0
11 7	5 19.45	+18 45.4	2.149	3.009	11.1	20.7
11 17	5 12.73	+18 37.3	2.061	2.990	7.8	20.5
11 27	5 4.07	+18 29.1	1.999	2.970	4.1	20.2
12 7	4 54.26	+18 21.6	1.967	2.950	1.4	20.0
12 17	4 44.29	+18 15.8	1.964	2.930	4.6	20.2
12 27	4 35.24	+18 13.3	1.991	2.909	8.5	20.4
1 6	4 27.99	+18 15.5	2.045	2.887	12.0	20.6

518500 2006 BH_{56} 12 6.9 297°.75 2°.1/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.03	+17 59.0	1.583	2.378	17.7	21.6
11 7	5 19.95	+17 52.4	1.486	2.361	14.3	21.3
11 17	5 13.69	+17 46.7	1.409	2.345	10.1	21.0
11 27	5 4.77	+17 42.8	1.356	2.328	5.4	20.7
12 7	4 54.26	+17 41.8	1.329	2.312	2.1	20.5
12 17	4 43.53	+17 44.7	1.329	2.296	6.0	20.7
12 27	4 34.11	+17 53.2	1.356	2.280	11.0	20.9
1 6	4 27.22	+18 8.7	1.406	2.264	15.4	21.2

421471 2014 OU_{22} 12 6.9 207°.96 4°.9/ 8.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 27.26	+37 55.6	2.123	2.862	15.5	21.1
11 7	5 22.66	+38 7.3	2.031	2.861	12.9	20.9
11 17	5 15.10	+38 6.3	1.959	2.860	9.9	20.7
11 27	5 5.27	+37 48.9	1.912	2.858	6.9	20.5
12 7	4 54.26	+37 13.0	1.892	2.857	5.0	20.4
12 17	4 43.42	+36 19.8	1.902	2.855	6.0	20.4
12 27	4 34.04	+35 13.8	1.939	2.853	8.9	20.6
1 6	4 27.10	+34 1.9	2.003	2.851	12.0	20.8

48929 1998 PC 12 6.9 90°.26 2°.2/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.25	+20 20.3	1.574	2.358	18.2	19.0
11 7	5 23.41	+19 33.8	1.510	2.379	14.4	18.8
11 17	5 15.50	+18 43.9	1.467	2.400	10.0	18.6
11 27	5 5.36	+17 52.5	1.448	2.420	5.3	18.4
12 7	4 54.27	+17 2.9	1.457	2.439	2.2	18.2
12 17	4 43.61	+16 19.0	1.495	2.459	5.9	18.5
12 27	4 34.69	+15 44.5	1.560	2.478	10.3	18.8
1 6	4 28.38	+15 21.9	1.649	2.497	14.1	19.1

241382 2008 SJ_{143} 12 6.9 16°.72 1°.5/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.56	+25 39.6	2.047	2.823	14.8	19.7
11 7	5 17.92	+26 4.1	1.963	2.826	11.9	19.5
11 17	5 11.72	+26 25.4	1.901	2.831	8.4	19.3
11 27	5 3.54	+26 41.7	1.865	2.835	4.5	19.1
12 7	4 54.30	+26 51.7	1.857	2.840	1.5	18.9
12 17	4 45.10	+26 55.4	1.877	2.845	4.4	19.1
12 27	4 37.08	+26 54.4	1.926	2.851	8.2	19.4
1 6	4 31.10	+26 51.3	2.001	2.857	11.6	19.6

130375 2000 GX_{170} 12 6.9 152°.94 3°.5/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.94	+34 0.8	2.653	3.393	12.7	20.2
11 7	5 19.32	+34 25.1	2.562	3.397	10.4	20.1
11 17	5 12.43	+34 41.7	2.493	3.400	7.8	19.9
11 27	5 3.82	+34 48.2	2.450	3.403	5.1	19.7
12 7	4 54.30	+34 43.1	2.436	3.406	3.5	19.6
12 17	4 44.84	+34 26.4	2.452	3.408	4.6	19.7
12 27	4 36.40	+34 0.4	2.498	3.411	7.2	19.9
1 6	4 29.76	+33 28.7	2.570	3.413	9.8	20.1

436871 2012 TF_{18} 12 6.9 79°.28 1°.1/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.85	+21 8.2	1.604	2.388	17.9	21.5
11 7	5 23.10	+20 52.5	1.542	2.411	14.2	21.4
11 17	5 15.30	+20 34.3	1.501	2.434	9.8	21.2
11 27	5 5.28	+20 14.1	1.484	2.456	5.0	20.9
12 7	4 54.28	+19 53.0	1.494	2.479	1.1	20.7
12 17	4 43.68	+19 33.2	1.533	2.501	5.2	21.1
12 27	4 34.78	+19 17.5	1.600	2.523	9.7	21.4
1 6	4 28.47	+19 8.1	1.691	2.544	13.5	21.6

26550 2000 DQ_{62} 12 6.9 161°.69 2°.5/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.03	+15 0.2	2.721	3.485	11.8	19.7
11 7	5 15.79	+14 36.0	2.632	3.488	9.5	19.5
11 17	5 9.74	+14 12.8	2.567	3.491	6.7	19.4
11 27	5 2.38	+13 52.2	2.529	3.494	3.9	19.2
12 7	4 54.33	+13 35.6	2.520	3.497	2.5	19.1
12 17	4 46.35	+13 24.5	2.543	3.499	4.4	19.2
12 27	4 39.17	+13 19.8	2.594	3.501	7.2	19.4
1 6	4 33.42	+13 22.3	2.673	3.503	9.9	19.6

378022 2006 SD_{283} 12 6.9 77°.45 1°.5/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 33.17	+25 5.5	1.415	2.197	20.0	21.3
11 7	5 27.82	+25 30.9	1.361	2.227	15.9	21.1
11 17	5 18.82	+25 51.9	1.326	2.256	11.1	20.9
11 27	5 7.13	+26 5.5	1.314	2.285	5.8	20.6
12 7	4 54.27	+26 9.8	1.329	2.313	1.5	20.4
12 17	4 41.95	+26 5.5	1.373	2.341	5.5	20.8
12 27	4 31.77	+25 56.0	1.443	2.369	10.3	21.1
1 6	4 24.73	+25 45.9	1.537	2.396	14.4	21.4

346196 2007 XQ_{24} 12 6.9 264°.87 6°.6/ 9.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 34.62	+40 25.0	1.170	1.943	23.9	20.8
11 7	5 31.17	+40 5.7	1.084	1.935	20.2	20.5
11 17	5 22.49	+39 19.4	1.013	1.926	15.6	20.2
11 27	5 9.49	+37 57.2	0.963	1.917	10.6	19.9
12 7	4 54.23	+35 55.6	0.936	1.908	6.8	19.7
12 17	4 39.38	+33 20.8	0.934	1.899	8.5	19.7
12 27	4 27.50	+30 29.6	0.959	1.889	13.6	20.0
1 6	4 20.10	+27 42.1	1.006	1.880	18.8	20.2

214063 2004 FK_{97} 12 6.9 143°.21 3°.2/ 7.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.91	+29 58.1	2.113	2.870	15.0	20.5
11 7	5 22.25	+30 39.4	2.025	2.874	12.2	20.4
11 17	5 14.80	+31 15.5	1.960	2.878	8.9	20.2
11 27	5 5.16	+31 43.0	1.920	2.881	5.4	20.0
12 7	4 54.30	+31 59.2	1.908	2.885	3.2	19.8
12 17	4 43.44	+32 3.4	1.926	2.888	5.1	20.0
12 27	4 33.83	+31 57.3	1.973	2.891	8.5	20.2
1 6	4 26.45	+31 44.9	2.046	2.893	11.7	20.4

76680 2000 HD_{64} 12 6.9 220°.89 3°.0/ 5.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.81	+16 45.3	2.249	3.019	13.8	19.9
11 7	5 18.46	+15 55.2	2.153	3.013	11.1	19.7
11 17	5 11.87	+15 3.3	2.079	3.006	7.9	19.4
11 27	5 3.55	+14 11.9	2.031	2.998	4.6	19.2
12 7	4 54.33	+13 23.9	2.014	2.990	3.0	19.1
12 17	4 45.14	+12 42.5	2.026	2.982	5.4	19.2
12 27	4 36.95	+12 10.5	2.067	2.973	8.8	19.4
1 6	4 30.53	+11 49.4	2.134	2.964	12.0	19.6

77718 2001 OB_{51} 12 6.9 194°.36 3°.3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.35	+11 48.6	2.454	3.211	13.2	20.3
11 7	5 19.46	+11 41.5	2.359	3.209	10.6	20.1
11 17	5 12.46	+11 38.6	2.287	3.206	7.7	19.9
11 27	5 3.84	+11 41.3	2.241	3.203	4.8	19.7
12 7	4 54.33	+11 50.8	2.225	3.199	3.3	19.6
12 17	4 44.81	+12 7.4	2.240	3.194	5.2	19.7
12 27	4 36.17	+12 31.5	2.285	3.189	8.2	19.9
1 6	4 29.16	+13 2.5	2.357	3.183	11.2	20.1

310278 2011 UQ_{59} 12 6.9 345°.75 0°.5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.31	+24 20.9	1.679	2.468	17.0	21.0
11 7	5 19.11	+24 19.1	1.593	2.465	13.7	20.8
11 17	5 12.88	+24 12.9	1.527	2.461	9.6	20.5
11 27	5 4.26	+24 1.4	1.485	2.458	5.0	20.2
12 7	4 54.33	+23 44.6	1.471	2.456	0.5	19.9
12 17	4 44.44	+23 24.0	1.484	2.453	5.0	20.2
12 27	4 35.96	+23 2.8	1.524	2.452	9.6	20.5
1 6	4 29.93	+22 44.5	1.588	2.451	13.7	20.7

418561 2008 SE_{140} 12 6.9 73°.97 4°.5/ 8.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.90	+36 44.8	2.337	3.073	14.3	20.9
11 7	5 21.85	+37 13.5	2.267	3.096	11.8	20.7
11 17	5 14.23	+37 31.9	2.219	3.119	8.9	20.6
11 27	5 4.72	+37 36.6	2.196	3.141	6.2	20.5
12 7	4 54.33	+37 25.9	2.202	3.164	4.6	20.4
12 17	4 44.21	+37 0.4	2.236	3.187	5.5	20.5
12 27	4 35.46	+36 23.6	2.300	3.209	7.9	20.7
1 6	4 28.88	+35 40.2	2.390	3.231	10.5	20.9

324151 2005 YG_{167} 12 6.9 332°.04 5°.0/ 5.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 20.37	+ 9 9.0	1.995	2.771	15.2	20.5
11 7	5 16.83	+ 8 47.1	1.908	2.766	12.4	20.3
11 17	5 10.91	+ 8 31.6	1.841	2.761	9.2	20.0
11 27	5 3.14	+ 8 25.4	1.800	2.756	6.3	19.9
12 7	4 54.36	+ 8 30.9	1.786	2.752	5.0	19.8
12 17	4 45.57	+ 8 49.0	1.800	2.748	6.8	19.9
12 27	4 37.81	+ 9 19.8	1.841	2.744	10.0	20.1
1 6	4 31.92	+10 1.8	1.907	2.740	13.1	20.3

515473 2014 AW_{16} 12 6.9 333°.16 18°.6/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.15	−16 10.2	1.251	1.983	24.6	19.9
11 7	5 21.45	−17 7.1	1.178	1.966	22.8	19.7
11 17	5 15.07	−17 31.0	1.119	1.949	20.9	19.5
11 27	5 5.62	−17 8.3	1.074	1.934	19.3	19.4
12 7	4 54.33	−15 49.4	1.048	1.920	18.6	19.3
12 17	4 42.89	−13 31.8	1.041	1.907	19.1	19.3
12 27	4 33.08	−10 22.5	1.055	1.896	20.8	19.3
1 6	4 26.28	− 6 36.3	1.089	1.886	23.2	19.5

96584 1998 VG_{53} 12 6.9 6°.55 6°.9/ 8.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 18.60	+37 23.3	1.362	2.153	20.2	18.1
11 7	5 17.35	+38 2.9	1.294	2.155	16.9	17.9
11 17	5 12.25	+38 27.0	1.244	2.159	13.0	17.7
11 27	5 4.09	+38 29.7	1.214	2.165	9.3	17.5
12 7	4 54.36	+38 7.9	1.208	2.173	7.0	17.4
12 17	4 44.86	+37 22.6	1.226	2.183	8.1	17.5
12 27	4 37.38	+36 20.2	1.269	2.194	11.5	17.7
1 6	4 33.10	+35 9.8	1.334	2.207	15.1	18.0

320855 2008 FQ_{111} 12 6.9 112°.15 3°.3/ 6.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 28.32	+14 25.3	1.832	2.602	16.5	21.2
11 7	5 23.05	+14 4.0	1.764	2.623	13.2	21.0
11 17	5 15.10	+13 45.7	1.717	2.643	9.4	20.8
11 27	5 5.18	+13 32.0	1.697	2.662	5.4	20.6
12 7	4 54.35	+13 24.6	1.704	2.681	3.4	20.5
12 17	4 43.81	+13 24.7	1.741	2.699	5.9	20.7
12 27	4 34.70	+13 33.4	1.806	2.717	9.6	21.0
1 6	4 27.84	+13 50.7	1.897	2.733	13.0	21.2

327549 2006 BB_{278} 12 6.9 230°.56 2°.5/ 6.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.81	+14 42.7	2.281	3.051	13.7	21.0
11 7	5 17.67	+14 40.5	2.190	3.050	11.0	20.8
11 17	5 11.34	+14 41.3	2.121	3.048	7.8	20.6
11 27	5 3.32	+14 46.0	2.079	3.046	4.4	20.4
12 7	4 54.38	+14 55.4	2.065	3.045	2.5	20.3
12 17	4 45.43	+15 9.8	2.082	3.043	4.8	20.4
12 27	4 37.43	+15 29.8	2.127	3.041	8.2	20.6
1 6	4 31.14	+15 55.4	2.199	3.039	11.3	20.8

275385 2011 AV_{74} 12 6.9 260°.02 5°.9/ 9.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.99	+42 19.8	2.579	3.290	13.7	20.8
11 7	5 22.24	+42 44.8	2.473	3.277	11.7	20.7
11 17	5 14.76	+42 57.7	2.387	3.264	9.4	20.5
11 27	5 5.14	+42 54.1	2.326	3.250	7.2	20.3
12 7	4 54.35	+42 31.3	2.293	3.237	6.0	20.2
12 17	4 43.57	+41 49.2	2.288	3.223	6.5	20.2
12 27	4 34.01	+40 50.8	2.312	3.209	8.5	20.3
1 6	4 26.63	+39 41.9	2.363	3.195	10.9	20.5

287740 2003 SU_{9} 12 6.9 103°.41 2°.6/ 7.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.17	+29 54.3	1.967	2.725	15.9	21.6
11 7	5 23.92	+30 10.6	1.895	2.745	12.8	21.4
11 17	5 15.82	+30 19.4	1.844	2.764	9.2	21.3
11 27	5 5.58	+30 18.1	1.819	2.783	5.3	21.1
12 7	4 54.35	+30 5.5	1.822	2.802	2.6	20.9
12 17	4 43.39	+29 42.7	1.855	2.820	4.8	21.1
12 27	4 33.96	+29 12.9	1.916	2.837	8.5	21.4
1 6	4 26.93	+28 41.0	2.004	2.854	11.8	21.6

189918 2003 SH_{143} 12 6.9 16°.60 8°.3/ 5.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 16.66	+ 6 0.7	1.483	2.284	18.4	18.7
11 7	5 14.40	+ 4 47.6	1.427	2.295	15.2	18.5
11 17	5 9.39	+ 3 44.1	1.391	2.307	11.9	18.4
11 27	5 2.36	+ 2 56.9	1.377	2.321	9.1	18.2
12 7	4 54.39	+ 2 31.0	1.387	2.337	8.3	18.2
12 17	4 46.68	+ 2 29.1	1.422	2.353	10.0	18.4
12 27	4 40.37	+ 2 50.6	1.481	2.371	12.8	18.6
1 6	4 36.30	+ 3 32.2	1.561	2.390	15.7	18.8

223332 2003 QO_{68} 12 6.9 99°.61 7°.6/ 4.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 19.75	+ 0 27.5	2.311	3.059	14.1	20.3
11 7	5 15.82	− 0 28.1	2.237	3.064	12.0	20.2
11 17	5 9.90	− 1 13.9	2.184	3.069	9.8	20.1
11 27	5 2.51	− 1 45.3	2.156	3.074	8.1	20.0
12 7	4 54.40	− 1 58.8	2.155	3.078	7.6	20.0
12 17	4 46.37	− 1 52.9	2.181	3.083	8.7	20.0
12 27	4 39.27	− 1 27.6	2.234	3.088	10.6	20.2
1 6	4 33.76	− 0 45.4	2.310	3.093	12.8	20.3

484398 2007 XA_{1} 12 6.9 19°.66 0°.6/ 7.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.35	+25 57.1	1.118	1.943	21.7	20.3
11 7	5 17.79	+25 38.5	1.064	1.956	17.2	20.1
11 17	5 12.36	+25 11.1	1.028	1.971	12.0	19.9
11 27	5 4.03	+24 34.8	1.013	1.988	6.2	19.6
12 7	4 54.37	+23 51.8	1.022	2.007	0.6	19.3
12 17	4 45.20	+23 6.5	1.055	2.028	6.0	19.7
12 27	4 38.17	+22 24.5	1.113	2.049	11.4	20.1
1 6	4 34.30	+21 50.8	1.191	2.073	16.0	20.4

181283 2006 OQ_{2} 12 6.9 73°.61 2°.7/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.78	+16 35.2	1.357	2.150	20.2	19.8
11 7	5 25.06	+16 26.7	1.302	2.175	16.0	19.6
11 17	5 16.89	+16 21.0	1.266	2.200	11.2	19.4
11 27	5 6.18	+16 19.1	1.254	2.225	6.0	19.2
12 7	4 54.35	+16 21.8	1.267	2.249	2.7	19.1
12 17	4 43.00	+16 29.9	1.308	2.274	6.4	19.4
12 27	4 33.63	+16 44.5	1.376	2.298	11.0	19.7
1 6	4 27.19	+17 5.9	1.466	2.321	15.1	20.0

420126 2011 FQ_{42} 12 6.9 274°.90 0°.5/ 6.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.68	+21 14.3	2.442	3.212	12.9	21.2
11 7	5 16.77	+21 12.6	2.342	3.203	10.3	21.0
11 17	5 10.73	+21 9.4	2.264	3.193	7.2	20.8
11 27	5 3.02	+21 4.7	2.212	3.184	3.7	20.6
12 7	4 54.39	+20 58.7	2.190	3.175	0.5	20.3
12 17	4 45.72	+20 52.4	2.198	3.166	3.9	20.6
12 27	4 37.93	+20 47.1	2.235	3.156	7.4	20.8
1 6	4 31.78	+20 44.5	2.299	3.147	10.6	21.0

384367 2009 UB_{110} 12 6.9 25°.30 1°.0/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.10	+24 38.4	1.156	1.973	21.6	20.6
11 7	5 20.83	+24 46.8	1.096	1.982	17.3	20.4
11 17	5 14.60	+24 50.1	1.052	1.993	12.1	20.1
11 27	5 5.26	+24 46.6	1.030	2.004	6.3	19.9
12 7	4 54.37	+24 35.7	1.032	2.017	1.0	19.5
12 17	4 43.81	+24 19.1	1.058	2.030	6.1	19.9
12 27	4 35.38	+24 1.2	1.109	2.044	11.6	20.3
1 6	4 30.27	+23 46.3	1.182	2.059	16.3	20.6

65248 2002 FN_{4} 12 6.9 166°.70 0°.3/ 6.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.40	+21 38.4	2.592	3.354	12.4	20.5
11 7	5 17.88	+21 37.4	2.500	3.357	9.9	20.4
11 17	5 11.34	+21 34.7	2.432	3.360	6.9	20.2
11 27	5 3.27	+21 30.2	2.391	3.362	3.5	20.0
12 7	4 54.41	+21 24.0	2.379	3.364	0.4	19.7
12 17	4 45.58	+21 17.0	2.399	3.366	3.6	20.0
12 27	4 37.67	+21 10.6	2.448	3.367	7.0	20.2
1 6	4 31.34	+21 6.3	2.525	3.369	9.9	20.4

289761 2005 JK_{75} 12 6.9 201°.55 1°.7/ 6.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.87	+18 41.8	2.190	2.960	14.2	21.8
11 7	5 19.44	+18 23.2	2.096	2.957	11.3	21.6
11 17	5 12.63	+18 3.6	2.025	2.954	7.9	21.3
11 27	5 4.01	+17 44.0	1.979	2.950	4.2	21.1
12 7	4 54.40	+17 25.5	1.963	2.946	1.7	20.9
12 17	4 44.80	+17 9.9	1.977	2.941	4.7	21.1
12 27	4 36.26	+16 58.9	2.020	2.936	8.4	21.3
1 6	4 29.59	+16 54.3	2.089	2.931	11.8	21.6

472421 2015 BV_{268} 12 6.9 180°.55 1°.1/ 7.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.66	+26 23.7	1.663	2.437	17.8	22.4
11 7	5 25.00	+26 17.7	1.577	2.439	14.3	22.1
11 17	5 17.01	+26 4.9	1.511	2.440	10.1	21.9
11 27	5 6.39	+25 43.5	1.469	2.440	5.3	21.6
12 7	4 54.37	+25 13.4	1.455	2.439	1.1	21.3
12 17	4 42.46	+24 36.6	1.470	2.438	5.2	21.6
12 27	4 32.19	+23 57.6	1.512	2.437	10.0	21.9
1 6	4 24.67	+23 21.4	1.579	2.435	14.2	22.1

128286 2003 UC_{187} 12 6.9 134°.35 3°.7/ 8.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.62	+34 11.0	2.508	3.250	13.3	19.9
11 7	5 20.03	+34 38.8	2.419	3.254	10.9	19.8
11 17	5 13.03	+34 58.8	2.351	3.258	8.2	19.6
11 27	5 4.20	+35 8.0	2.310	3.262	5.4	19.4
12 7	4 54.40	+35 4.6	2.298	3.266	3.7	19.3
12 17	4 44.66	+34 48.8	2.315	3.270	4.9	19.4
12 27	4 36.02	+34 22.9	2.361	3.274	7.5	19.6
1 6	4 29.30	+33 50.9	2.434	3.278	10.3	19.8

371316 2006 HP_{14} 12 6.9 278°.17 0°.4/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.42	+24 2.5	2.356	3.124	13.3	21.5
11 7	5 17.52	+24 3.9	2.253	3.113	10.7	21.3
11 17	5 11.35	+24 2.2	2.172	3.101	7.5	21.1
11 27	5 3.39	+23 56.6	2.118	3.089	3.9	20.8
12 7	4 54.42	+23 47.2	2.093	3.078	0.4	20.5
12 17	4 45.38	+23 34.6	2.097	3.066	3.9	20.8
12 27	4 37.28	+23 20.9	2.131	3.054	7.6	21.0
1 6	4 30.94	+23 8.3	2.192	3.043	11.0	21.2

308748 2006 JR_{44} 12 6.9 110.°18 0.°5/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.87	+23 28.8	2.333	3.086	13.9	21.7
11 7	5 23.03	+23 43.6	2.262	3.113	11.0	21.5
11 17	5 14.87	+23 55.9	2.213	3.138	7.6	21.4
11 27	5 5.03	+24 4.5	2.192	3.162	3.9	21.2
12 7	4 54.41	+24 8.6	2.201	3.186	0.5	20.9
12 17	4 44.02	+24 8.8	2.242	3.209	3.8	21.2
12 27	4 34.84	+24 6.5	2.313	3.231	7.3	21.5
1 6	4 27.60	+24 4.0	2.411	3.253	10.4	21.7

383162 2005 UY_{472} 12 6.9 210.°97 0.°5/ 7.0 18

10 28	5 26.84	+25 30.5	1.920	2.690	15.9	21.4
11 7	5 22.32	+25 15.9	1.825	2.685	12.8	21.2
11 17	5 14.93	+24 55.2	1.751	2.680	9.0	21.0
11 27	5 5.28	+24 27.4	1.703	2.674	4.7	20.7
12 7	4 54.41	+23 53.0	1.683	2.668	0.5	20.4
12 17	4 43.58	+23 14.3	1.693	2.662	4.7	20.7
12 27	4 34.07	+22 34.9	1.731	2.655	9.1	20.9
1 6	4 26.87	+21 59.1	1.795	2.647	12.9	21.1

398632 2012 CL_{25} 12 6.9 114.°81 3.°0/ 8.0 18

10 28	5 26.03	+33 20.6	2.543	3.283	13.2	21.3
11 7	5 20.87	+33 29.3	2.462	3.299	10.7	21.1
11 17	5 13.44	+33 29.6	2.404	3.314	7.9	21.0
11 27	5 4.33	+33 19.2	2.373	3.329	4.9	20.8
12 7	4 54.43	+32 57.6	2.370	3.344	3.0	20.7
12 17	4 44.74	+32 25.7	2.399	3.359	4.4	20.8
12 27	4 36.22	+31 46.4	2.457	3.373	7.1	21.0
1 6	4 29.60	+31 4.0	2.542	3.386	9.8	21.2

349566 2008 SC_{182} 12 6.9 110.°57 1.°4/ 7.2 18

10 28	5 29.83	+25 43.9	1.927	2.691	16.1	21.7
11 7	5 24.45	+26 4.9	1.855	2.710	12.8	21.6
11 17	5 16.22	+26 21.9	1.804	2.729	9.0	21.4
11 27	5 5.84	+26 32.7	1.779	2.748	4.8	21.2
12 7	4 54.42	+26 35.8	1.782	2.766	1.4	21.0
12 17	4 43.24	+26 31.6	1.816	2.783	4.6	21.2
12 27	4 33.54	+26 22.6	1.878	2.800	8.6	21.5
1 6	4 26.21	+26 12.1	1.967	2.816	12.1	21.7

231373 2006 HA_{40} 12 6.9 168.°61 0.°7/ 6.7 18

10 28	5 21.57	+19 42.0	2.647	3.410	12.2	20.8
11 7	5 17.21	+19 49.8	2.555	3.412	9.7	20.6
11 17	5 10.88	+19 57.6	2.485	3.413	6.7	20.4
11 27	5 3.07	+20 5.3	2.443	3.414	3.5	20.2
12 7	4 54.46	+20 12.7	2.431	3.416	0.7	20.0
12 17	4 45.86	+20 20.3	2.450	3.416	3.6	20.3
12 27	4 38.10	+20 28.9	2.498	3.417	6.9	20.5
1 6	4 31.85	+20 39.2	2.574	3.418	9.8	20.7

199957 2007 HA_{38} 12 6.9 90.°72 1.°2/ 7.1 18

10 28	5 29.79	+24 34.2	1.736	2.508	17.2	20.8
11 7	5 24.67	+24 57.4	1.669	2.530	13.7	20.6
11 17	5 16.49	+25 17.2	1.623	2.551	9.6	20.4
11 27	5 6.01	+25 31.6	1.602	2.572	5.0	20.2
12 7	4 54.43	+25 38.9	1.609	2.593	1.2	20.0
12 17	4 43.14	+25 39.6	1.645	2.614	4.8	20.3
12 27	4 33.49	+25 35.8	1.710	2.634	9.1	20.6
1 6	4 26.41	+25 30.9	1.800	2.653	12.8	20.9

223530 2004 DP_{43} 12 6.9 237.°23 1.°9/ 6.5 18

10 28	5 26.05	+18 44.3	1.729	2.510	16.9	21.0
11 7	5 21.99	+18 31.5	1.634	2.502	13.6	20.7
11 17	5 14.91	+18 18.3	1.561	2.493	9.6	20.5
11 27	5 5.37	+18 5.3	1.512	2.483	5.1	20.2
12 7	4 54.44	+17 53.6	1.490	2.473	1.9	20.0
12 17	4 43.41	+17 44.8	1.497	2.463	5.6	20.2
12 27	4 33.69	+17 41.0	1.532	2.453	10.2	20.4
1 6	4 26.39	+17 44.1	1.591	2.442	14.4	20.7

25534 1999 XK_{140} 12 6.9 165.°58 1.°1/ 6.6 18

10 28	5 21.39	+19 21.6	2.405	3.174	13.1	19.8
11 7	5 17.25	+19 14.9	2.314	3.175	10.4	19.6
11 17	5 11.00	+19 7.5	2.247	3.176	7.2	19.4
11 27	5 3.16	+19 0.1	2.206	3.177	3.8	19.2
12 7	4 54.47	+18 53.1	2.194	3.178	1.2	19.0
12 17	4 45.82	+18 47.5	2.212	3.178	4.1	19.2
12 27	4 38.10	+18 44.8	2.260	3.179	7.5	19.4
1 6	4 32.05	+18 46.1	2.335	3.179	10.6	19.6

94674 2001 XK_{21} 12 6.9 30.°22 3.°2/ 7.2 18

10 28	5 26.98	+26 27.6	1.403	2.196	19.6	18.6
11 7	5 23.60	+27 25.4	1.331	2.202	15.8	18.4
11 17	5 16.47	+28 20.8	1.278	2.209	11.4	18.2
11 27	5 6.30	+29 9.1	1.248	2.217	6.5	17.9
12 7	4 54.43	+29 45.6	1.244	2.225	3.2	17.7
12 17	4 42.61	+30 8.2	1.266	2.233	6.3	17.9
12 27	4 32.65	+30 18.7	1.315	2.242	10.9	18.2
1 6	4 25.81	+30 21.6	1.386	2.252	15.2	18.5

274414 2008 SL_{4} 12 6.9 13.°34 3.°5/ 6.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.38	+13 32.9	1.966	2.751	15.1	20.2
11 7	5 16.06	+13 12.2	1.887	2.753	12.1	20.0
11 17	5 10.37	+12 54.7	1.828	2.757	8.7	19.8
11 27	5 2.89	+12 42.6	1.795	2.761	5.2	19.6
12 7	4 54.48	+12 37.8	1.789	2.765	3.5	19.5
12 17	4 46.14	+12 41.6	1.812	2.770	5.8	19.7
12 27	4 38.91	+12 54.6	1.862	2.775	9.2	19.9
1 6	4 33.56	+13 16.7	1.937	2.781	12.5	20.1

457362 2008 SJ_{271} 12 6.9 85.°89 5.°0/ 7.9 17

10 28	5 26.43	+36 11.5	2.450	3.185	13.7	21.7
11 7	5 21.74	+37 9.2	2.363	3.190	11.4	21.5
11 17	5 14.42	+37 59.3	2.298	3.195	8.8	21.3
11 27	5 5.02	+38 37.5	2.259	3.200	6.3	21.2
12 7	4 54.45	+39 0.6	2.248	3.205	5.0	21.1
12 17	4 43.85	+39 7.3	2.267	3.211	5.9	21.2
12 27	4 34.38	+38 59.5	2.314	3.216	8.2	21.3
1 6	4 26.98	+38 41.0	2.387	3.221	10.8	21.5

517404 2014 LB_{14} 12 6.9 236.°04 2.°6/ 6.3 18

10 28	5 24.35	+15 57.5	2.105	2.875	14.6	21.9
11 7	5 20.02	+15 41.9	2.004	2.864	11.8	21.7
11 17	5 13.20	+15 27.6	1.925	2.853	8.4	21.5
11 27	5 4.40	+15 15.8	1.873	2.841	4.7	21.2
12 7	4 54.47	+15 7.8	1.848	2.828	2.6	21.1
12 17	4 44.44	+15 5.2	1.854	2.815	5.3	21.2
12 27	4 35.43	+15 9.1	1.888	2.802	9.1	21.4
1 6	4 28.34	+15 20.4	1.948	2.788	12.6	21.6

438574 2007 UY_{11} 12 6.9 29.°00 3.°1/ 5.6 17

10 28	5 23.84	+24 22.1	1.147	1.964	21.7	19.3
11 7	5 20.77	+22 25.0	1.099	1.987	17.1	19.1
11 17	5 14.00	+20 15.9	1.069	2.011	11.8	18.9
11 27	5 4.69	+18 2.0	1.062	2.036	6.2	18.7
12 7	4 54.47	+15 53.0	1.081	2.063	3.2	18.6
12 17	4 45.02	+13 59.4	1.127	2.091	7.4	18.9
12 27	4 37.78	+12 29.1	1.197	2.120	12.3	19.3
1 6	4 33.56	+11 25.1	1.290	2.150	16.5	19.6

328817 2009 VN_{92} 12 6.9 31.°20 4.°1/ 7.7 17

10 28	5 24.95	+32 25.6	2.100	2.857	15.1	20.6
11 7	5 20.84	+33 13.5	2.015	2.861	12.3	20.4
11 17	5 13.93	+33 54.9	1.952	2.865	9.2	20.3
11 27	5 4.81	+34 25.8	1.914	2.870	6.0	20.1
12 7	4 54.47	+34 43.2	1.904	2.874	4.1	20.0
12 17	4 44.12	+34 46.3	1.922	2.879	5.6	20.1
12 27	4 35.05	+34 37.1	1.969	2.884	8.6	20.3
1 6	4 28.22	+34 19.7	2.041	2.890	11.7	20.5

67354 2000 KM_{1} 12 6.9 158.°54 4.°3/ 6.6 18 R

10 28	5 30.49	+ 8 5.7	2.135	2.881	15.2	19.6
11 7	5 24.57	+ 8 17.7	2.049	2.889	12.4	19.4
11 17	5 16.16	+ 8 38.6	1.984	2.896	9.1	19.2
11 27	5 5.83	+ 9 9.6	1.947	2.903	5.9	19.0
12 7	4 54.47	+ 9 51.1	1.940	2.909	4.3	18.9
12 17	4 43.14	+10 42.0	1.963	2.914	6.1	19.1
12 27	4 32.95	+11 40.9	2.017	2.918	9.3	19.3
1 6	4 24.74	+12 45.6	2.098	2.921	12.5	19.5

309405 2007 TG_{262} 12 6.9 342.°97 0.°5/ 6.8 17

10 28	5 22.63	+22 18.6	1.672	2.462	17.1	21.3
11 7	5 19.34	+22 7.4	1.586	2.459	13.7	21.0
11 17	5 13.05	+21 52.7	1.521	2.456	9.5	20.8
11 27	5 4.40	+21 34.7	1.480	2.453	4.9	20.5
12 7	4 54.48	+21 14.0	1.466	2.451	0.6	20.2
12 17	4 44.59	+20 52.7	1.480	2.449	5.1	20.5
12 27	4 36.10	+20 33.8	1.521	2.447	9.8	20.8
1 6	4 30.04	+20 20.2	1.586	2.446	13.9	21.0

187764 1998 BF_{20} 12 6.9 12.°47 2.°3/ 6.4 18

10 28	5 22.10	+16 55.7	1.854	2.638	15.8	20.4
11 7	5 18.47	+16 46.3	1.771	2.639	12.7	20.2
11 17	5 12.20	+16 38.2	1.708	2.640	8.9	20.0
11 27	5 3.89	+16 32.6	1.671	2.642	4.9	19.7
12 7	4 54.49	+16 30.6	1.661	2.643	2.3	19.6
12 17	4 45.15	+16 33.3	1.680	2.645	5.3	19.8
12 27	4 37.01	+16 41.8	1.727	2.647	9.3	20.0
1 6	4 30.99	+16 56.8	1.798	2.649	13.0	20.3

394954 2008 YE_{68} 12 6.9 321.°99 2.°1/ 6.5 18

10 28	5 23.78	+17 3.6	1.757	2.542	16.6	21.4
11 7	5 20.03	+17 2.1	1.670	2.539	13.3	21.2
11 17	5 13.43	+17 2.7	1.605	2.537	9.4	21.0
11 27	5 4.58	+17 6.1	1.564	2.535	5.1	20.7
12 7	4 54.49	+17 12.8	1.551	2.533	2.1	20.5
12 17	4 44.39	+17 23.4	1.566	2.531	5.4	20.7
12 27	4 35.56	+17 39.0	1.608	2.530	9.8	21.0
1 6	4 29.02	+18 0.0	1.675	2.528	13.7	21.2

75584 2000 AX_{14} 12 6.9 335°.36 2°.1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 22.18	+28 5.1	1.253	2.063	20.7	18.0
11 7	5 20.31	+28 4.1	1.171	2.052	16.8	17.7
11 17	5 14.51	+27 53.4	1.106	2.043	12.0	17.4
11 27	5 5.43	+27 30.4	1.062	2.034	6.6	17.1
12 7	4 54.48	+26 54.5	1.043	2.027	2.1	16.8
12 17	4 43.50	+26 8.2	1.048	2.020	6.3	17.0
12 27	4 34.45	+25 17.7	1.078	2.013	11.9	17.3
1 6	4 28.69	+24 30.3	1.130	2.008	16.9	17.6

168641 2000 DA_{11} 12 6.9 300°.28 1°.8/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.85	+27 10.8	1.790	2.570	16.5	20.3
11 7	5 20.36	+27 20.5	1.696	2.560	13.4	20.1
11 17	5 13.84	+27 24.5	1.621	2.551	9.5	19.8
11 27	5 4.86	+27 20.6	1.572	2.541	5.2	19.5
12 7	4 54.49	+27 7.9	1.549	2.532	1.8	19.3
12 17	4 44.04	+26 47.1	1.554	2.523	5.0	19.5
12 27	4 34.95	+26 21.4	1.587	2.514	9.4	19.7
1 6	4 28.28	+25 55.1	1.645	2.505	13.5	20.0

386006 2007 DQ_{14} 12 6.9 323°.32 5°.5/ 7.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 26.89	+33 10.3	1.456	2.237	19.6	21.7
11 7	5 23.87	+33 57.8	1.372	2.231	16.2	21.4
11 17	5 16.92	+34 36.4	1.305	2.225	12.2	21.1
11 27	5 6.66	+35 0.0	1.261	2.220	8.1	20.9
12 7	4 54.47	+35 3.6	1.242	2.214	5.5	20.7
12 17	4 42.18	+34 46.2	1.249	2.209	7.4	20.8
12 27	4 31.76	+34 11.8	1.282	2.205	11.6	21.1
1 6	4 24.64	+33 28.2	1.337	2.201	15.7	21.3

129632 1998 HV_{36} 12 6.9 203°.07 2°.5/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 24.71	+16 57.6	2.278	3.043	13.8	21.0
11 7	5 19.99	+16 26.3	2.181	3.038	11.1	20.8
11 17	5 12.99	+15 54.3	2.107	3.033	7.9	20.6
11 27	5 4.22	+15 23.1	2.060	3.027	4.4	20.4
12 7	4 54.50	+14 54.8	2.042	3.021	2.5	20.2
12 17	4 44.80	+14 31.3	2.054	3.014	5.0	20.4
12 27	4 36.10	+14 14.9	2.096	3.006	8.5	20.6
1 6	4 29.19	+14 7.0	2.164	2.997	11.8	20.8

102171 1999 RH_{230} 12 6.9 91°.83 2°.7/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.85	+16 0.2	1.514	2.298	18.9	20.3
11 7	5 24.89	+15 54.9	1.452	2.319	15.0	20.1
11 17	5 16.72	+15 52.8	1.409	2.340	10.5	19.9
11 27	5 6.16	+15 54.6	1.391	2.361	5.8	19.6
12 7	4 54.48	+16 1.1	1.400	2.381	2.7	19.5
12 17	4 43.16	+16 12.8	1.437	2.401	6.1	19.8
12 27	4 33.59	+16 30.5	1.501	2.420	10.5	20.1
1 6	4 26.72	+16 54.4	1.589	2.439	14.4	20.4

447588 2006 UA_{43} 12 6.9 47°.66 1°.9/ 6.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 22.44	+19 23.3	1.809	2.595	16.1	21.7
11 7	5 18.72	+18 56.1	1.732	2.602	12.8	21.5
11 17	5 12.32	+18 27.2	1.676	2.609	9.0	21.3
11 27	5 3.92	+17 57.9	1.645	2.616	4.7	21.1
12 7	4 54.51	+17 30.3	1.641	2.624	1.9	20.9
12 17	4 45.26	+17 6.6	1.666	2.631	5.2	21.1
12 27	4 37.33	+16 49.3	1.718	2.639	9.3	21.4
1 6	4 31.58	+16 40.4	1.796	2.647	13.0	21.6

21591 1998 TA_{6} 12 6.9 310°.38 7°.6/ 4.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.03	+ 7 4.3	1.737	2.520	16.8	17.6
11 7	5 16.97	+ 5 48.3	1.651	2.509	14.0	17.4
11 17	5 11.26	+ 4 37.1	1.585	2.498	10.9	17.2
11 27	5 3.47	+ 3 36.9	1.543	2.487	8.4	17.0
12 7	4 54.52	+ 2 53.4	1.527	2.477	7.7	16.9
12 17	4 45.54	+ 2 30.9	1.537	2.467	9.5	17.0
12 27	4 37.73	+ 2 31.2	1.573	2.457	12.6	17.2
1 6	4 32.00	+ 2 52.9	1.630	2.447	15.8	17.4

66229 1999 CH_{117} 12 6.9 168°.64 1°.5/ 7.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 29.31	+27 51.7	1.546	2.326	18.7	19.0
11 7	5 25.01	+27 42.7	1.464	2.328	15.1	18.8
11 17	5 17.18	+27 24.9	1.401	2.330	10.7	18.5
11 27	5 6.56	+26 56.3	1.361	2.331	5.8	18.3
12 7	4 54.49	+26 16.8	1.349	2.333	1.6	18.0
12 17	4 42.60	+25 29.0	1.364	2.334	5.5	18.3
12 27	4 32.49	+24 38.5	1.407	2.334	10.4	18.5
1 6	4 25.32	+23 51.4	1.474	2.334	14.8	18.8

229091 2004 PV_{36} 12 6.9 285°.40 1°.3/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.22	+27 13.0	1.626	2.410	17.7	20.3
11 7	5 21.71	+27 3.8	1.535	2.402	14.3	20.0
11 17	5 14.90	+26 46.5	1.464	2.395	10.2	19.8
11 27	5 5.44	+26 19.7	1.416	2.387	5.5	19.5
12 7	4 54.52	+25 43.3	1.396	2.380	1.3	19.2
12 17	4 43.61	+24 59.6	1.403	2.373	5.3	19.4
12 27	4 34.25	+24 13.6	1.437	2.365	10.1	19.7
1 6	4 27.57	+23 30.5	1.496	2.358	14.4	20.0

435495 2008 GB_{80} 12 6.9 198°.80 0°.3/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 28.51	+23 12.1	1.900	2.669	16.1	22.4
11 7	5 23.72	+23 21.6	1.806	2.666	12.9	22.2
11 17	5 16.00	+23 28.7	1.734	2.663	9.1	21.9
11 27	5 5.92	+23 32.0	1.687	2.659	4.7	21.7
12 7	4 54.52	+23 30.8	1.669	2.654	0.3	21.3
12 17	4 43.08	+23 25.4	1.680	2.649	4.7	21.6
12 27	4 32.94	+23 18.1	1.720	2.643	9.2	21.9
1 6	4 25.14	+23 11.6	1.786	2.636	13.1	22.1

227984 2007 JX_{1} 12 6.9 136°.46 0°.9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.98	+24 21.4	2.552	3.309	12.7	20.4
11 7	5 19.27	+24 44.8	2.463	3.316	10.1	20.2
11 17	5 12.41	+25 6.1	2.398	3.323	7.1	20.0
11 27	5 3.92	+25 23.9	2.360	3.329	3.7	19.8
12 7	4 54.57	+25 37.2	2.351	3.335	0.9	19.6
12 17	4 45.23	+25 46.0	2.374	3.341	3.7	19.8
12 27	4 36.85	+25 51.2	2.427	3.347	7.0	20.1
1 6	4 30.14	+25 54.7	2.506	3.353	9.9	20.3

71873 2000 VV_{46} 12 6.9 338°.67 4°.4/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.34	+30 11.6	1.119	1.936	22.1	18.8
11 7	5 20.35	+30 43.1	1.040	1.924	18.2	18.5
11 17	5 15.01	+31 5.4	0.978	1.913	13.4	18.2
11 27	5 5.90	+31 13.2	0.935	1.904	8.1	17.9
12 7	4 54.54	+31 2.5	0.915	1.895	4.4	17.7
12 17	4 43.04	+30 33.5	0.918	1.887	7.5	17.8
12 27	4 33.68	+29 51.6	0.945	1.881	12.9	18.1
1 6	4 28.08	+29 5.7	0.991	1.876	18.1	18.4

443226 2014 DY_{105} 12 6.9 276°.31 0°.9/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 25.32	+24 48.0	1.696	2.479	17.2	21.9
11 7	5 21.75	+24 55.4	1.598	2.465	13.9	21.7
11 17	5 14.98	+24 58.7	1.519	2.451	9.8	21.4
11 27	5 5.56	+24 56.4	1.465	2.437	5.2	21.1
12 7	4 54.55	+24 47.5	1.438	2.423	0.9	20.8
12 17	4 43.38	+24 32.8	1.439	2.408	5.2	21.0
12 27	4 33.56	+24 15.0	1.467	2.394	10.0	21.3
1 6	4 26.30	+23 58.1	1.520	2.380	14.4	21.5

356139 2009 FD_{66} 12 6.9 273°.53 2°.7/ 6.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.01	+16 19.3	1.999	2.776	15.1	21.9
11 7	5 19.22	+15 57.7	1.892	2.756	12.2	21.6
11 17	5 12.84	+15 36.6	1.808	2.737	8.7	21.4
11 27	5 4.33	+15 17.6	1.748	2.717	5.0	21.1
12 7	4 54.57	+15 2.4	1.717	2.697	2.8	20.9
12 17	4 44.64	+14 52.8	1.714	2.676	5.6	21.1
12 27	4 35.70	+14 50.8	1.740	2.655	9.6	21.3
1 6	4 28.75	+14 57.4	1.791	2.634	13.4	21.4

317712 2003 QO_{26} 12 6.9 74°.59 4°.8/ 8.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 33.73	+33 32.3	1.351	2.126	21.1	20.5
11 7	5 28.88	+33 55.9	1.295	2.151	17.2	20.3
11 17	5 19.93	+34 6.4	1.256	2.175	12.6	20.1
11 27	5 7.91	+33 58.6	1.239	2.200	7.9	19.9
12 7	4 54.54	+33 30.1	1.248	2.224	4.8	19.8
12 17	4 41.83	+32 43.6	1.284	2.247	6.8	20.0
12 27	4 31.54	+31 46.1	1.346	2.271	11.0	20.3
1 6	4 24.77	+30 46.4	1.432	2.294	15.0	20.6

331443 2012 HU_{1} 12 6.9 67°.02 4°.2/ 6.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 20.78	+10 5.3	2.293	3.060	13.7	20.3
11 7	5 16.80	+ 9 46.9	2.208	3.062	11.1	20.1
11 17	5 10.73	+ 9 33.8	2.145	3.064	8.2	20.0
11 27	5 3.08	+ 9 28.0	2.109	3.066	5.4	19.8
12 7	4 54.60	+ 9 31.2	2.100	3.068	4.2	19.7
12 17	4 46.16	+ 9 44.4	2.121	3.070	5.9	19.8
12 27	4 38.65	+10 7.8	2.170	3.072	8.7	20.0
1 6	4 32.79	+10 40.4	2.245	3.074	11.6	20.2

358201 2006 SU_{153} 12 6.9 61°.81 7°.2/ 6.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 23.81	+ 4 2.6	1.752	2.520	17.2	20.4
11 7	5 19.61	+ 3 30.6	1.690	2.537	14.3	20.3
11 17	5 12.84	+ 3 10.2	1.647	2.554	11.1	20.1
11 27	5 4.17	+ 3 5.4	1.629	2.570	8.3	20.0
12 7	4 54.60	+ 3 19.0	1.637	2.587	7.2	20.0
12 17	4 45.27	+ 3 51.4	1.672	2.604	8.6	20.1
12 27	4 37.27	+ 4 40.8	1.733	2.621	11.4	20.3
1 6	4 31.40	+ 5 43.9	1.818	2.638	14.2	20.5

324856 2007 LL_{33} 12 6.9 123°.13 7°.7/ 5.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.07	− 8 7.7	3.162	3.854	11.7	22.0
11 7	5 16.20	− 8 51.0	3.100	3.873	10.3	22.0
11 17	5 9.85	− 9 22.3	3.061	3.892	8.9	21.9
11 27	5 2.47	− 9 38.2	3.046	3.910	7.9	21.8
12 7	4 54.63	− 9 36.5	3.058	3.927	7.7	21.8
12 17	4 46.92	− 9 16.6	3.098	3.944	8.2	21.9
12 27	4 39.94	− 8 39.2	3.164	3.961	9.3	22.0
1 6	4 34.19	− 7 46.9	3.254	3.977	10.6	22.1

101133 1998 RR_{60} 12 6.9 359°.70 1°.2/ 7.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 17.76	+26 54.4	1.050	1.882	22.3	18.6
11 7	5 17.23	+26 40.0	0.982	1.877	18.0	18.3
11 17	5 12.54	+26 14.5	0.930	1.874	12.8	18.0
11 27	5 4.48	+25 37.0	0.898	1.873	6.7	17.6
12 7	4 54.61	+24 49.0	0.889	1.874	1.2	17.3
12 17	4 44.92	+23 55.0	0.903	1.876	6.5	17.6
12 27	4 37.38	+23 2.2	0.940	1.880	12.5	18.0
1 6	4 33.30	+22 17.5	0.998	1.886	17.7	18.3

312503 2009 BX_{152} 12 6.9 78°.89 4°.8/ 7.9 15

10 28	5 30.18	+32 34.7	1.309	2.095	21.2	20.9
11 7	5 26.66	+33 3.9	1.236	2.099	17.4	20.7
11 17	5 18.89	+33 21.9	1.180	2.103	12.9	20.4
11 27	5 7.66	+33 22.8	1.145	2.107	8.1	20.2
12 7	4 54.59	+33 3.1	1.135	2.112	4.9	20.0
12 17	4 41.72	+32 23.5	1.152	2.116	7.2	20.2
12 27	4 31.10	+31 30.7	1.193	2.120	11.8	20.4
1 6	4 24.08	+30 33.8	1.257	2.125	16.3	20.7

143346 2003 AS_{78} 12 6.9 260°.35 0°.4/ 6.8 17

10 28	5 23.02	+22 32.1	2.129	2.902	14.4	20.6
11 7	5 19.06	+22 19.6	2.028	2.891	11.6	20.3
11 17	5 12.60	+22 3.8	1.949	2.879	8.1	20.1
11 27	5 4.17	+21 44.6	1.896	2.868	4.2	19.9
12 7	4 54.63	+21 22.6	1.871	2.856	0.4	19.5
12 17	4 45.04	+20 59.4	1.876	2.845	4.4	19.8
12 27	4 36.50	+20 37.7	1.910	2.833	8.4	20.0
1 6	4 29.91	+20 19.9	1.970	2.821	12.0	20.2

55290 2001 SV_{37} 12 6.9 204°.99 1°.7/ 6.4 18

10 28	5 23.47	+17 44.6	2.476	3.238	12.9	19.8
11 7	5 18.88	+17 30.8	2.377	3.234	10.3	19.6
11 17	5 12.18	+17 17.0	2.302	3.229	7.3	19.4
11 27	5 3.85	+17 3.8	2.253	3.223	3.9	19.2
12 7	4 54.64	+16 52.3	2.235	3.217	1.8	19.0
12 17	4 45.41	+16 43.8	2.247	3.210	4.3	19.2
12 27	4 37.07	+16 39.5	2.289	3.202	7.7	19.4
1 6	4 30.37	+16 40.7	2.357	3.195	10.8	19.6

384407 2009 WF_{84} 12 6.9 37°.70 3°.3/ 7.6 18

10 28	5 27.34	+28 42.2	1.080	1.892	23.1	20.0
11 7	5 24.40	+29 9.2	1.034	1.916	18.5	19.8
11 17	5 17.12	+29 26.7	1.005	1.940	13.2	19.6
11 27	5 6.58	+29 30.6	0.996	1.966	7.4	19.4
12 7	4 54.61	+29 19.0	1.011	1.993	3.3	19.2
12 17	4 43.33	+28 54.1	1.051	2.020	6.6	19.5
12 27	4 34.60	+28 21.9	1.114	2.048	11.7	19.9
1 6	4 29.50	+27 49.4	1.200	2.077	16.2	20.3

89765 2002 AA_{62} 12 6.9 60°.49 5°.7/ 5.8 18

10 28	5 21.57	+ 7 48.2	1.971	2.744	15.4	19.7
11 7	5 17.65	+ 7 12.5	1.900	2.754	12.6	19.5
11 17	5 11.41	+ 6 43.8	1.851	2.765	9.5	19.4
11 27	5 3.45	+ 6 25.7	1.826	2.776	6.7	19.2
12 7	4 54.65	+ 6 20.8	1.828	2.788	5.7	19.2
12 17	4 45.99	+ 6 30.4	1.859	2.799	7.3	19.3
12 27	4 38.48	+ 6 54.5	1.916	2.811	10.1	19.5
1 6	4 32.84	+ 7 31.3	1.998	2.822	13.0	19.7

173330 1999 VA_{187} 12 6.9 36°.99 5°.4/ 5.3 18

10 28	5 22.26	+15 10.5	1.376	2.182	19.3	19.9
11 7	5 19.10	+13 46.5	1.318	2.197	15.5	19.7
11 17	5 12.80	+12 22.3	1.280	2.213	11.1	19.5
11 27	5 4.23	+11 3.9	1.265	2.230	7.0	19.3
12 7	4 54.64	+ 9 57.7	1.276	2.248	5.5	19.2
12 17	4 45.45	+ 9 8.8	1.313	2.266	8.2	19.4
12 27	4 37.97	+ 8 40.2	1.375	2.285	12.1	19.7
1 6	4 33.08	+ 8 31.8	1.460	2.304	15.8	20.0

263553 2008 FB_{54} 12 6.9 185°.88 4°.4/ 5.4 18

10 28	5 21.39	+11 2.1	2.365	3.130	13.4	21.5
11 7	5 17.20	+10 15.5	2.277	3.130	10.8	21.3
11 17	5 10.97	+ 9 31.5	2.212	3.130	8.0	21.2
11 27	5 3.21	+ 8 53.1	2.173	3.129	5.4	21.0
12 7	4 54.65	+ 8 23.3	2.164	3.128	4.4	20.9
12 17	4 46.15	+ 8 4.3	2.183	3.127	6.1	21.0
12 27	4 38.57	+ 7 57.5	2.231	3.125	8.9	21.2
1 6	4 32.59	+ 8 2.9	2.305	3.123	11.7	21.4

337380 Lenormand 12 6.9 68°.81 1°.2/ 6.7 18

10 28	5 28.15	+20 32.6	1.448	2.240	19.2	20.9
11 7	5 23.74	+20 21.8	1.389	2.262	15.2	20.7
11 17	5 16.04	+20 9.5	1.350	2.284	10.5	20.5
11 27	5 5.89	+19 55.8	1.334	2.307	5.4	20.3
12 7	4 54.64	+19 41.8	1.345	2.329	1.2	20.1
12 17	4 43.81	+19 29.4	1.383	2.352	5.6	20.4
12 27	4 34.84	+19 21.0	1.448	2.374	10.3	20.7
1 6	4 28.65	+19 18.8	1.537	2.396	14.4	21.0

215948 2005 MC_{43} 12 6.9 156°.17 1°.0/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.17	+19 58.9	2.449	3.211	13.1	21.7
11 7	5 19.38	+19 48.1	2.361	3.217	10.4	21.6
11 17	5 12.47	+19 36.1	2.296	3.224	7.2	21.4
11 27	5 3.97	+19 23.2	2.259	3.230	3.7	21.2
12 7	4 54.66	+19 10.1	2.251	3.235	1.0	21.0
12 17	4 45.44	+18 58.0	2.274	3.240	4.0	21.2
12 27	4 37.19	+18 48.5	2.327	3.244	7.4	21.4
1 6	4 30.65	+18 43.1	2.407	3.248	10.5	21.6

411117 2009 WO_{122} 12 6.9 85°.11 2°.3/ 5.8 18

10 28	5 24.59	+19 44.5	2.353	3.116	13.5	20.8
11 7	5 19.49	+18 33.2	2.281	3.138	10.7	20.6
11 17	5 12.35	+17 18.2	2.232	3.159	7.4	20.5
11 27	5 3.80	+16 2.4	2.212	3.180	4.1	20.3
12 7	4 54.67	+14 49.2	2.222	3.201	2.4	20.2
12 17	4 45.84	+13 42.5	2.264	3.222	4.8	20.4
12 27	4 38.15	+12 45.5	2.336	3.242	7.9	20.7
1 6	4 32.21	+12 0.5	2.434	3.262	10.8	20.9

231059 2005 NP_{7} 12 6.9 87°.48 3°.0/ 7.8 18

10 28	5 30.16	+31 6.4	1.539	2.313	19.0	20.7
11 7	5 25.60	+31 8.7	1.470	2.329	15.4	20.5
11 17	5 17.50	+31 0.1	1.420	2.344	11.1	20.3
11 27	5 6.70	+30 37.6	1.393	2.359	6.4	20.1
12 7	4 54.65	+30 0.5	1.393	2.374	3.1	19.9
12 17	4 43.00	+29 11.2	1.421	2.388	5.7	20.1
12 27	4 33.31	+28 15.9	1.477	2.403	10.0	20.4
1 6	4 26.62	+27 21.3	1.556	2.417	14.1	20.7

357604 2005 AZ_{76} 12 6.9 7°.93 7°.7/ 6.8 18

10 28	5 21.68	+ 4 49.3	1.310	2.108	20.5	19.8
11 7	5 19.07	+ 4 35.9	1.242	2.109	17.0	19.6
11 17	5 13.15	+ 4 37.8	1.191	2.111	13.1	19.4
11 27	5 4.61	+ 5 0.1	1.162	2.115	9.4	19.2
12 7	4 54.67	+ 5 45.2	1.157	2.119	7.7	19.1
12 17	4 44.79	+ 6 52.3	1.176	2.124	9.6	19.2
12 27	4 36.52	+ 8 17.4	1.221	2.131	13.2	19.4
1 6	4 30.96	+ 9 54.9	1.287	2.139	17.0	19.7

385428 2003 EU_{47} 12 6.9 235°.20 0°.7/ 7.1 18

10 28	5 26.79	+24 38.5	1.873	2.645	16.1	21.7
11 7	5 22.54	+24 42.4	1.775	2.636	13.0	21.5
11 17	5 15.31	+24 42.4	1.697	2.626	9.2	21.3
11 27	5 5.68	+24 37.0	1.645	2.616	4.8	21.0
12 7	4 54.67	+24 25.6	1.621	2.606	0.7	20.7
12 17	4 43.55	+24 9.1	1.626	2.595	4.8	20.9
12 27	4 33.72	+23 50.1	1.659	2.584	9.3	21.2
1 6	4 26.23	+23 32.2	1.718	2.572	13.3	21.4

106225 2000 UN_{39} 12 6.9 342°.26 1°.1/ 6.6 18

10 28	5 22.15	+20 10.9	2.087	2.864	14.6	19.8
11 7	5 18.28	+19 58.5	1.999	2.863	11.6	19.6
11 17	5 11.98	+19 44.7	1.932	2.863	8.1	19.4
11 27	5 3.82	+19 29.9	1.891	2.863	4.2	19.1
12 7	4 54.68	+19 15.1	1.878	2.862	1.2	18.9
12 17	4 45.58	+19 1.6	1.895	2.862	4.5	19.2
12 27	4 37.58	+18 51.5	1.941	2.862	8.4	19.4
1 6	4 31.50	+18 46.5	2.012	2.862	11.8	19.6

141861 2002 PD_{22} 12 6.9 13°.70 2°.0/ 7.5 18

10 28	5 25.03	+28 48.4	1.287	2.089	20.6	19.9
11 7	5 22.31	+28 37.6	1.213	2.090	16.7	19.6
11 17	5 15.69	+28 15.7	1.157	2.092	11.9	19.3
11 27	5 5.98	+27 40.6	1.123	2.094	6.5	19.1
12 7	4 54.67	+26 52.6	1.114	2.097	2.0	18.8
12 17	4 43.59	+25 55.4	1.130	2.101	6.0	19.0
12 27	4 34.55	+24 55.8	1.172	2.105	11.3	19.4
1 6	4 28.75	+24 1.2	1.236	2.110	16.1	19.7

196151 2002 UG_{7} 12 6.9 69°.97 2°.3/ 7.2 17

10 28	5 26.24	+26 39.9	2.351	3.106	13.7	20.0
11 7	5 21.38	+27 33.9	2.269	3.118	11.0	19.8
11 17	5 14.08	+28 25.6	2.210	3.130	7.8	19.7
11 27	5 4.90	+29 12.2	2.177	3.143	4.5	19.5
12 7	4 54.68	+29 50.9	2.175	3.155	2.3	19.3
12 17	4 44.47	+30 20.4	2.203	3.167	4.3	19.5
12 27	4 35.32	+30 41.2	2.261	3.179	7.5	19.7
1 6	4 28.09	+30 55.6	2.346	3.191	10.5	19.9

367966 2012 DV_{87} 12 6.9 191°.26 2°.3/ 7.7 18

10 28	5 24.33	+30 44.5	2.749	3.493	12.2	22.1
11 7	5 19.56	+30 57.8	2.650	3.491	9.9	22.0
11 17	5 12.65	+31 5.0	2.575	3.490	7.2	21.8
11 27	5 4.11	+31 4.4	2.526	3.487	4.3	21.6
12 7	4 54.69	+30 54.8	2.507	3.485	2.3	21.5
12 17	4 45.29	+30 36.8	2.519	3.482	3.9	21.6
12 27	4 36.82	+30 12.3	2.561	3.478	6.8	21.8
1 6	4 30.02	+29 44.5	2.630	3.475	9.6	21.9

408059 2012 FA_{82} 12 6.9 72°.55 4°.7/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.29	+ 9 13.3	2.160	2.929	14.4	20.4
11 7	5 17.29	+ 8 47.2	2.083	2.936	11.7	20.2
11 17	5 11.11	+ 8 26.8	2.027	2.944	8.7	20.1
11 27	5 3.31	+ 8 14.9	1.997	2.951	5.9	19.9
12 7	4 54.70	+ 8 13.6	1.994	2.959	4.7	19.9
12 17	4 46.19	+ 8 23.9	2.021	2.967	6.4	20.0
12 27	4 38.69	+ 8 46.0	2.076	2.974	9.2	20.2
1 6	4 32.93	+ 9 18.7	2.155	2.982	12.1	20.4

76167 2000 ED_{29} 12 6.9 182°.17 2°.9/ 6.2 18

10 28	5 21.00	+11 54.9	2.927	3.681	11.3	19.8
11 7	5 16.51	+11 47.2	2.833	3.681	9.1	19.6
11 17	5 10.33	+11 43.0	2.763	3.681	6.6	19.4
11 27	5 2.86	+11 43.4	2.721	3.681	4.1	19.3
12 7	4 54.71	+11 49.4	2.708	3.681	2.9	19.2
12 17	4 46.58	+12 1.5	2.727	3.680	4.4	19.3
12 27	4 39.15	+12 20.0	2.776	3.678	7.0	19.5
1 6	4 33.03	+12 44.6	2.852	3.677	9.5	19.6

12464 Manhattan 12 6.9 323°.75 5°.2/ 6.2 18

10 28	5 23.77	+12 9.7	1.404	2.203	19.3	18.0
11 7	5 20.72	+11 41.6	1.324	2.198	15.7	17.8
11 17	5 14.34	+11 18.8	1.263	2.193	11.5	17.5
11 27	5 5.27	+11 5.2	1.224	2.189	7.3	17.3
12 7	4 54.69	+11 3.7	1.210	2.185	5.2	17.1
12 17	4 44.08	+11 16.4	1.223	2.181	7.9	17.3
12 27	4 35.01	+11 43.6	1.261	2.177	12.4	17.5
1 6	4 28.64	+12 23.9	1.320	2.174	16.6	17.8

291882 2006 PZ_{22} 12 6.9 104°.40 3°.4/ 6.5 18

10 28	5 26.99	+11 25.6	2.160	2.919	14.7	20.9
11 7	5 21.66	+11 25.4	2.090	2.941	11.8	20.8
11 17	5 14.05	+11 30.7	2.042	2.962	8.5	20.6
11 27	5 4.77	+11 42.7	2.021	2.982	5.2	20.4
12 7	4 54.70	+12 1.8	2.029	3.003	3.4	20.4
12 17	4 44.83	+12 28.1	2.067	3.022	5.4	20.5
12 27	4 36.11	+13 1.2	2.135	3.041	8.6	20.7
1 6	4 29.29	+13 40.2	2.229	3.060	11.5	21.0

403648 2010 TH_{62} 12 6.9 11°.40 0°.4/ 7.1 18

10 28	5 22.78	+25 7.7	1.862	2.642	15.9	21.5
11 7	5 19.16	+24 55.9	1.777	2.643	12.7	21.3
11 17	5 12.79	+24 38.5	1.713	2.644	8.9	21.1
11 27	5 4.30	+24 15.2	1.674	2.646	4.6	20.8
12 7	4 54.71	+23 46.4	1.662	2.647	0.4	20.5
12 17	4 45.21	+23 14.3	1.679	2.649	4.6	20.8
12 27	4 37.03	+22 42.2	1.724	2.651	8.8	21.1
1 6	4 31.08	+22 13.8	1.795	2.653	12.6	21.3

451499 2011 UP_{242} 12 6.9 53°.42 2°.1/ 7.3 18

10 28	5 26.80	+26 26.7	1.630	2.412	17.8	20.8
11 7	5 22.66	+26 56.5	1.565	2.431	14.2	20.6
11 17	5 15.35	+27 21.6	1.520	2.449	10.0	20.4
11 27	5 5.61	+27 39.3	1.499	2.469	5.5	20.2
12 7	4 54.70	+27 47.8	1.506	2.488	2.1	20.0
12 17	4 44.05	+27 47.1	1.540	2.508	5.1	20.3
12 27	4 35.08	+27 39.9	1.601	2.528	9.4	20.6
1 6	4 28.75	+27 30.2	1.687	2.548	13.2	20.8

40075 1998 KS_{63} 12 6.9 90°.41 0°.1/ 6.9 18

10 28	5 29.05	+22 16.8	1.915	2.682	16.0	20.0
11 7	5 23.72	+22 30.3	1.849	2.708	12.7	19.8
11 17	5 15.68	+22 41.9	1.805	2.733	8.8	19.7
11 27	5 5.65	+22 50.5	1.787	2.758	4.5	19.5
12 7	4 54.70	+22 55.5	1.797	2.782	0.1	19.1
12 17	4 44.05	+22 57.3	1.838	2.806	4.4	19.6
12 27	4 34.84	+22 57.7	1.908	2.830	8.4	19.8
1 6	4 27.93	+22 58.8	2.003	2.853	11.9	20.1

355444 2007 VU_{98} 12 6.9 320°.11 2°.0/ 6.2 18

10 28	5 21.40	+21 53.4	1.603	2.399	17.4	20.4
11 7	5 18.58	+20 58.3	1.509	2.386	14.0	20.2
11 17	5 12.71	+19 55.5	1.436	2.372	9.9	19.9
11 27	5 4.40	+18 47.1	1.387	2.360	5.2	19.6
12 7	4 54.73	+17 36.9	1.364	2.347	2.1	19.4
12 17	4 45.06	+16 30.1	1.370	2.336	6.0	19.6
12 27	4 36.78	+15 32.5	1.401	2.324	10.8	19.8
1 6	4 30.96	+14 48.2	1.457	2.314	15.1	20.1

110337 2001 SP_{291} 12 6.9 351°.30 5°.7/ 6.1 18

10 28	5 19.01	+ 9 56.5	1.503	2.303	18.2	18.6
11 7	5 16.67	+ 9 30.7	1.423	2.296	14.9	18.4
11 17	5 11.38	+ 9 12.3	1.362	2.290	11.1	18.2
11 27	5 3.72	+ 9 5.4	1.325	2.286	7.4	17.9
12 7	4 54.74	+ 9 13.0	1.312	2.282	5.7	17.8
12 17	4 45.75	+ 9 36.5	1.325	2.279	8.0	18.0
12 27	4 38.09	+10 15.6	1.363	2.277	11.8	18.2
1 6	4 32.81	+11 7.9	1.424	2.276	15.6	18.4

45545 2000 CA_{38} 12 6.9 163°.39 1°.2/ 6.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 21.38	+18 47.3	2.750	3.511	11.8	19.8
11 7	5 16.98	+18 37.0	2.659	3.515	9.4	19.7
11 17	5 10.72	+18 26.3	2.591	3.518	6.5	19.5
11 27	5 3.10	+18 15.7	2.551	3.521	3.4	19.3
12 7	4 54.76	+18 5.9	2.541	3.524	1.3	19.1
12 17	4 46.46	+17 58.0	2.562	3.527	3.7	19.3
12 27	4 38.99	+17 53.0	2.613	3.529	6.8	19.5
1 6	4 32.96	+17 52.2	2.691	3.531	9.5	19.7

74274 1998 SZ_{116} 12 6.9 4°.34 5°.7/ 4.9 18

10 28	5 19.25	+15 27.1	1.400	2.210	18.8	18.5
11 7	5 16.94	+13 56.6	1.327	2.209	15.2	18.3
11 17	5 11.53	+12 23.2	1.275	2.210	11.0	18.0
11 27	5 3.74	+10 53.4	1.246	2.211	7.1	17.8
12 7	4 54.75	+ 9 34.2	1.242	2.213	5.8	17.8
12 17	4 45.95	+ 8 32.4	1.265	2.217	8.5	17.9
12 27	4 38.70	+ 7 52.2	1.312	2.221	12.6	18.2
1 6	4 33.97	+ 7 34.3	1.381	2.227	16.4	18.4

490979 2011 EZ_{81} 12 6.9 245°.82 3°.9/ 8.1 18

10 28	5 24.83	+35 13.2	2.719	3.453	12.6	22.1
11 7	5 20.27	+35 42.7	2.612	3.441	10.4	21.9
11 17	5 13.36	+36 4.8	2.527	3.429	7.9	21.7
11 27	5 4.59	+36 16.4	2.468	3.416	5.4	21.6
12 7	4 54.76	+36 15.4	2.438	3.403	3.9	21.5
12 17	4 44.84	+36 1.4	2.438	3.390	4.9	21.5
12 27	4 35.85	+35 36.3	2.467	3.377	7.4	21.6
1 6	4 28.65	+35 3.8	2.524	3.363	10.1	21.8

492258 2013 WO_{35} 12 6.9 348°.74 0°.8/ 7.0 18

10 28	5 20.55	+22 7.6	1.098	1.925	21.8	21.2
11 7	5 19.45	+22 38.9	1.023	1.916	17.7	20.9
11 17	5 14.26	+23 10.9	0.965	1.908	12.5	20.6
11 27	5 5.56	+23 41.6	0.927	1.902	6.5	20.2
12 7	4 54.76	+24 8.3	0.912	1.897	0.8	19.8
12 17	4 43.80	+24 29.6	0.921	1.894	6.6	20.2
12 27	4 34.81	+24 46.8	0.953	1.891	12.6	20.5
1 6	4 29.31	+25 2.8	1.006	1.891	17.9	20.8

291673 2006 HU_{79} 12 6.9 76°.00 1°.6/ 6.5 18

10 28	5 25.54	+20 8.4	1.734	2.516	16.9	21.1
11 7	5 21.21	+19 42.2	1.666	2.534	13.4	20.9
11 17	5 14.09	+19 13.8	1.619	2.551	9.3	20.7
11 27	5 4.90	+18 44.4	1.597	2.569	4.8	20.5
12 7	4 54.77	+18 16.0	1.603	2.586	1.6	20.3
12 17	4 44.93	+17 50.8	1.637	2.603	5.2	20.6
12 27	4 36.57	+17 31.6	1.699	2.620	9.4	20.9
1 6	4 30.55	+17 20.4	1.786	2.637	13.0	21.1

427866 2005 QV_{59} 12 6.9 128°.30 2°.8/ 6.3 18

10 28	5 28.36	+16 9.5	1.924	2.692	15.9	21.9
11 7	5 23.11	+15 43.2	1.851	2.709	12.7	21.8
11 17	5 15.26	+15 17.7	1.799	2.725	9.0	21.6
11 27	5 5.48	+14 54.9	1.773	2.740	5.1	21.4
12 7	4 54.78	+14 36.5	1.776	2.755	2.8	21.2
12 17	4 44.31	+14 24.2	1.808	2.768	5.5	21.4
12 27	4 35.19	+14 19.9	1.870	2.781	9.3	21.7
1 6	4 28.23	+14 24.1	1.957	2.794	12.7	21.9

308295 2005 JN_{99} 12 6.9 89°.33 4°.8/ 5.8 18

10 28	5 23.20	+11 16.8	1.944	2.718	15.6	21.6
11 7	5 19.00	+10 34.1	1.873	2.731	12.6	21.4
11 17	5 12.39	+ 9 55.4	1.823	2.744	9.2	21.2
11 27	5 4.02	+ 9 24.0	1.799	2.757	6.1	21.1
12 7	4 54.79	+ 9 2.9	1.802	2.769	4.8	21.0
12 17	4 45.75	+ 8 54.1	1.834	2.782	6.7	21.1
12 27	4 37.92	+ 8 58.4	1.893	2.794	9.8	21.4
1 6	4 32.04	+ 9 15.3	1.977	2.806	12.9	21.6

222939 2002 OO_{9} 12 6.9 63°.04 4°.6/ 6.1 18

10 28	5 27.10	+14 34.7	1.316	2.116	20.4	20.5
11 7	5 23.07	+13 51.6	1.262	2.137	16.3	20.3
11 17	5 15.67	+13 11.7	1.226	2.159	11.6	20.1
11 27	5 5.77	+12 38.7	1.214	2.181	6.9	19.9
12 7	4 54.79	+12 15.9	1.226	2.203	4.6	19.9
12 17	4 44.26	+12 6.0	1.265	2.225	7.5	20.1
12 27	4 35.64	+12 10.1	1.330	2.247	11.8	20.4
1 6	4 29.87	+12 27.7	1.417	2.268	15.8	20.7

362494 2010 TR_{25} 12 6.9 90°.98 0°.5/ 7.1 18

10 28	5 24.59	+24 58.6	2.019	2.790	15.2	21.6
11 7	5 20.28	+24 52.0	1.939	2.800	12.1	21.4
11 17	5 13.39	+24 40.6	1.881	2.810	8.4	21.2
11 27	5 4.57	+24 23.8	1.849	2.820	4.4	21.0
12 7	4 54.79	+24 2.1	1.845	2.830	0.5	20.7
12 17	4 45.18	+23 37.0	1.871	2.840	4.3	21.0
12 27	4 36.85	+23 11.3	1.925	2.850	8.2	21.3
1 6	4 30.62	+22 48.2	2.006	2.859	11.7	21.5

136264 2003 YC_{70} 12 6.9 0°.13 10°.4/12.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 38.73	+52 46.9	1.776	2.460	19.9	19.3
11 7	5 33.34	+52 55.5	1.690	2.459	17.6	19.1
11 17	5 23.30	+52 38.5	1.619	2.458	15.1	18.9
11 27	5 9.76	+51 46.7	1.569	2.458	12.5	18.8
12 7	4 54.76	+50 15.0	1.543	2.459	10.7	18.7
12 17	4 40.62	+48 5.4	1.543	2.459	10.6	18.7
12 27	4 29.34	+45 28.0	1.570	2.460	12.2	18.8
1 6	4 22.02	+42 37.7	1.624	2.461	14.8	18.9

446560 2014 OQ_{46} 12 6.9 130°.66 1°.5/ 7.4 18

10 28	5 24.98	+27 14.6	2.182	2.945	14.4	21.7
11 7	5 20.52	+27 21.6	2.096	2.951	11.6	21.5
11 17	5 13.55	+27 23.4	2.032	2.957	8.2	21.3
11 27	5 4.67	+27 18.3	1.994	2.962	4.5	21.0
12 7	4 54.80	+27 5.9	1.985	2.968	1.5	20.8
12 17	4 45.02	+26 47.1	2.005	2.973	4.2	21.1
12 27	4 36.43	+26 24.3	2.055	2.978	7.9	21.3
1 6	4 29.86	+26 1.0	2.130	2.982	11.2	21.5

170473 2003 UM_{242} 12 6.9 322°.46 4°.6/ 7.2 18

10 28	5 26.83	+29 11.0	1.608	2.387	18.1	20.0
11 7	5 23.57	+30 25.9	1.515	2.376	14.9	19.7
11 17	5 16.72	+31 39.3	1.442	2.365	11.0	19.5
11 27	5 6.75	+32 45.5	1.393	2.355	7.0	19.2
12 7	4 54.78	+33 38.2	1.370	2.345	4.6	19.0
12 17	4 42.44	+34 13.7	1.375	2.336	6.9	19.1
12 27	4 31.56	+34 32.2	1.406	2.327	11.0	19.4
1 6	4 23.59	+34 38.1	1.461	2.318	15.0	19.6

401855 2000 HW_{79} 12 6.9 221°.62 5°.7/ 4.9 18

10 28	5 22.52	+ 4 37.5	2.703	3.445	12.4	22.8
11 7	5 17.92	+ 3 50.5	2.603	3.434	10.4	22.6
11 17	5 11.44	+ 3 9.0	2.525	3.421	8.2	22.5
11 27	5 3.53	+ 2 36.6	2.475	3.408	6.3	22.3
12 7	4 54.82	+ 2 16.2	2.453	3.394	5.8	22.3
12 17	4 46.05	+ 2 9.9	2.460	3.379	7.0	22.3
12 27	4 38.02	+ 2 18.4	2.496	3.364	9.2	22.4
1 6	4 31.39	+ 2 40.9	2.558	3.347	11.5	22.6

287450 2002 XW_{95} 12 6.9 330°.73 1°.2/ 6.6 18

10 28	5 21.70	+22 2.8	1.713	2.504	16.7	20.4
11 7	5 18.58	+21 30.3	1.623	2.496	13.4	20.1
11 17	5 12.58	+20 52.7	1.555	2.490	9.4	19.9
11 27	5 4.31	+20 11.2	1.510	2.483	4.9	19.6
12 7	4 54.81	+19 27.9	1.493	2.477	1.2	19.3
12 17	4 45.34	+18 46.0	1.504	2.472	5.3	19.6
12 27	4 37.20	+18 9.6	1.542	2.467	9.8	19.8
1 6	4 31.38	+17 41.9	1.604	2.462	13.9	20.1

270050 2001 OR 12 6.9 194°.32 12°.6/ 7.8 18

10 28	5 35.38	− 6 19.8	1.319	2.061	23.1	20.5
11 7	5 30.15	− 6 40.5	1.244	2.060	20.2	20.3
11 17	5 21.08	− 6 35.2	1.184	2.059	17.0	20.0
11 27	5 8.84	− 5 54.6	1.144	2.057	14.1	19.9
12 7	4 54.79	− 4 33.7	1.128	2.054	12.6	19.8
12 17	4 40.70	− 2 34.1	1.137	2.051	13.7	19.8
12 27	4 28.42	− 0 3.5	1.171	2.048	16.6	20.0
1 6	4 19.30	+ 2 45.8	1.229	2.043	20.0	20.2

323265 2003 SL_{327} 12 6.9 103°.37 3°.0/ 5.9 18

10 28	5 21.04	+15 0.7	2.422	3.190	13.0	21.2
11 7	5 16.85	+14 21.6	2.342	3.201	10.4	21.0
11 17	5 10.69	+13 43.2	2.286	3.211	7.4	20.9
11 27	5 3.10	+13 7.7	2.256	3.221	4.4	20.7
12 7	4 54.82	+12 37.3	2.256	3.231	3.0	20.6
12 17	4 46.67	+12 13.9	2.286	3.241	5.0	20.8
12 27	4 39.46	+11 59.4	2.345	3.250	7.9	21.0
1 6	4 33.85	+11 54.2	2.429	3.260	10.7	21.2

368307 2002 PK_{20} 12 6.9 184°.29 2°.7/ 8.1 18

10 28	5 24.43	+33 16.3	2.921	3.656	11.7	22.1
11 7	5 19.52	+33 21.3	2.822	3.656	9.6	21.9
11 17	5 12.57	+33 18.8	2.747	3.655	7.1	21.7
11 27	5 4.09	+33 6.9	2.698	3.655	4.4	21.6
12 7	4 54.82	+32 44.9	2.680	3.653	2.7	21.4
12 17	4 45.62	+32 13.6	2.692	3.652	3.9	21.5
12 27	4 37.34	+31 35.4	2.734	3.650	6.5	21.7
1 6	4 30.68	+30 53.7	2.805	3.647	9.1	21.9

448997 2012 BE_{36} 12 6.9 43°.02 2°.7/ 6.4 18

10 28	5 22.52	+15 55.9	1.878	2.660	15.7	20.8
11 7	5 18.77	+15 40.9	1.798	2.665	12.6	20.5
11 17	5 12.44	+15 27.7	1.739	2.670	8.9	20.3
11 27	5 4.15	+15 17.8	1.706	2.675	5.0	20.1
12 7	4 54.83	+15 12.7	1.700	2.680	2.7	20.0
12 17	4 45.60	+15 13.6	1.722	2.685	5.4	20.2
12 27	4 37.58	+15 21.6	1.773	2.690	9.3	20.4
1 6	4 31.62	+15 37.1	1.848	2.696	12.8	20.6

233220 2005 YO_{12} 12 6.9 297°.01 0°.4/ 7.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 24.12	+24 27.0	1.569	2.360	18.0	20.7
11 7	5 21.10	+24 23.3	1.473	2.345	14.5	20.4
11 17	5 14.74	+24 14.5	1.396	2.330	10.3	20.1
11 27	5 5.61	+23 59.6	1.343	2.315	5.4	19.8
12 7	4 54.83	+23 38.4	1.316	2.301	0.4	19.4
12 17	4 43.88	+23 12.5	1.316	2.286	5.4	19.7
12 27	4 34.38	+22 45.7	1.343	2.272	10.6	20.0
1 6	4 27.56	+22 22.2	1.393	2.258	15.1	20.2

269363 2008 UB_{338} 12 6.9 97°.90 1°.6/ 7.4 17

10 28	5 22.53	+27 17.2	2.524	3.282	12.8	21.0
11 7	5 18.27	+27 33.9	2.435	3.287	10.3	20.9
11 17	5 11.84	+27 46.4	2.369	3.292	7.3	20.7
11 27	5 3.78	+27 53.1	2.330	3.297	4.0	20.5
12 7	4 54.84	+27 53.5	2.319	3.302	1.6	20.3
12 17	4 45.95	+27 47.6	2.339	3.306	3.8	20.5
12 27	4 38.02	+27 37.2	2.389	3.311	7.0	20.7
1 6	4 31.80	+27 24.7	2.466	3.316	9.9	20.9

301265 2009 BG_{79} 12 6.9 243°.62 7°.5/ 8.5 18

10 28	5 31.07	+40 40.4	2.003	2.733	16.6	20.7
11 7	5 26.60	+41 46.7	1.909	2.725	14.2	20.5
11 17	5 18.59	+42 42.4	1.835	2.718	11.4	20.3
11 27	5 7.61	+43 20.5	1.784	2.710	8.9	20.1
12 7	4 54.83	+43 35.3	1.759	2.702	7.5	20.0
12 17	4 41.86	+43 24.5	1.761	2.694	8.3	20.1
12 27	4 30.43	+42 51.1	1.791	2.685	10.7	20.2
1 6	4 21.88	+42 2.0	1.844	2.677	13.5	20.3

265159 2003 WN_{66} 12 6.9 27°.12 1°.9/ 7.2 18

10 28	5 24.61	+25 3.4	1.069	1.890	22.7	20.6
11 7	5 22.52	+25 32.0	1.011	1.899	18.2	20.4
11 17	5 16.16	+25 56.3	0.970	1.910	12.9	20.1
11 27	5 6.37	+26 13.2	0.949	1.922	6.9	19.8
12 7	4 54.83	+26 20.1	0.951	1.935	1.9	19.6
12 17	4 43.62	+26 17.4	0.978	1.950	6.5	19.9
12 27	4 34.73	+26 8.8	1.028	1.965	12.1	20.3
1 6	4 29.44	+25 59.7	1.100	1.981	17.0	20.6

363023 1997 RR_{2} 12 6.9 73°.32 4°.8/ 5.4 18

10 28	5 22.22	+ 9 51.3	2.328	3.091	13.6	20.5
11 7	5 17.63	+ 8 55.8	2.270	3.119	11.0	20.3
11 17	5 11.12	+ 8 4.7	2.234	3.148	8.2	20.2
11 27	5 3.27	+ 7 21.1	2.225	3.176	5.7	20.1
12 7	4 54.86	+ 6 48.1	2.244	3.203	4.8	20.1
12 17	4 46.71	+ 6 27.6	2.293	3.231	6.3	20.2
12 27	4 39.61	+ 6 20.4	2.371	3.258	8.7	20.4
1 6	4 34.14	+ 6 25.8	2.473	3.285	11.2	20.6

243114 2007 RX_{146} 12 6.9 92°.00 6°.4/ 5.6 18

10 28	5 26.38	+ 6 6.6	1.983	2.741	15.8	20.5
11 7	5 21.20	+ 5 12.2	1.927	2.769	13.0	20.4
11 17	5 13.72	+ 4 26.0	1.893	2.797	9.9	20.3
11 27	5 4.63	+ 3 51.9	1.884	2.825	7.4	20.2
12 7	4 54.85	+ 3 33.3	1.902	2.852	6.5	20.2
12 17	4 45.40	+ 3 31.7	1.950	2.878	7.9	20.3
12 27	4 37.24	+ 3 46.8	2.024	2.904	10.4	20.5
1 6	4 31.04	+ 4 16.7	2.123	2.929	13.0	20.7

488031 2015 UQ_{34} 12 6.9 50°.57 1°.3/ 7.2 17

10 28	5 25.04	+24 55.4	1.913	2.687	15.8	21.9
11 7	5 21.00	+25 19.2	1.828	2.690	12.7	21.7
11 17	5 14.16	+25 40.3	1.764	2.692	8.9	21.5
11 27	5 5.11	+25 56.6	1.725	2.695	4.8	21.2
12 7	4 54.85	+26 6.8	1.714	2.698	1.3	21.0
12 17	4 44.60	+26 10.6	1.732	2.701	4.6	21.2
12 27	4 35.63	+26 9.9	1.779	2.704	8.7	21.5
1 6	4 28.91	+26 7.3	1.850	2.707	12.4	21.7

263716 2008 HW_{41} 12 6.9 132°.67 2°.6/ 7.5 18

10 28	5 26.21	+29 11.5	2.315	3.068	14.0	21.1
11 7	5 21.49	+29 46.6	2.228	3.075	11.3	20.9
11 17	5 14.26	+30 17.1	2.163	3.081	8.1	20.7
11 27	5 5.09	+30 40.1	2.124	3.087	4.8	20.5
12 7	4 54.86	+30 53.6	2.114	3.092	2.6	20.4
12 17	4 44.64	+30 57.2	2.135	3.098	4.5	20.5
12 27	4 35.54	+30 52.4	2.184	3.103	7.7	20.7
1 6	4 28.43	+30 42.5	2.261	3.108	10.8	20.9

354380 2003 SK_{116} 12 6.9 29°.52 5°.4/ 6.2 17

10 28	5 22.32	+13 21.9	1.072	1.896	22.4	19.9
11 7	5 19.79	+12 39.2	1.033	1.922	17.9	19.7
11 17	5 13.58	+12 3.0	1.012	1.950	12.8	19.5
11 27	5 4.75	+11 37.7	1.011	1.979	7.8	19.4
12 7	4 54.86	+11 26.9	1.034	2.009	5.4	19.3
12 17	4 45.59	+11 32.1	1.081	2.041	8.3	19.6
12 27	4 38.44	+11 52.9	1.151	2.074	12.6	19.9
1 6	4 34.30	+12 27.0	1.242	2.107	16.6	20.3

21388 Moyanodeburt 12 6.9 78°.48 5°.5/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 30.71	+34 43.4	1.436	2.209	20.2	19.1
11 7	5 26.79	+35 16.9	1.364	2.217	16.7	18.9
11 17	5 18.84	+35 38.0	1.309	2.225	12.5	18.7
11 27	5 7.67	+35 40.9	1.277	2.234	8.3	18.5
12 7	4 54.84	+35 21.7	1.271	2.242	5.6	18.3
12 17	4 42.28	+34 41.3	1.290	2.250	7.3	18.4
12 27	4 31.87	+33 45.9	1.336	2.259	11.2	18.7
1 6	4 24.87	+32 44.5	1.405	2.267	15.2	19.0

285262 1998 MQ_{36} 12 6.9 104°.92 6°.9/ 5.2 18

10 28	5 24.32	+ 5 48.0	1.956	2.719	15.9	21.2
11 7	5 19.77	+ 4 43.9	1.891	2.735	13.1	21.0
11 17	5 12.87	+ 3 47.4	1.847	2.751	10.2	20.9
11 27	5 4.26	+ 3 3.2	1.828	2.767	7.7	20.8
12 7	4 54.87	+ 2 35.4	1.837	2.783	7.0	20.8
12 17	4 45.69	+ 2 26.1	1.873	2.798	8.4	20.9
12 27	4 37.73	+ 2 35.8	1.936	2.813	11.0	21.1
1 6	4 31.71	+ 3 2.3	2.023	2.827	13.6	21.3

492379 2014 HE_{137} 12 6.9 355°.77 0°.0/ 6.9 18

10 28	5 24.37	+22 32.8	1.635	2.423	17.5	21.4
11 7	5 20.91	+22 39.2	1.551	2.422	14.0	21.2
11 17	5 14.34	+22 43.5	1.488	2.422	9.8	20.9
11 27	5 5.28	+22 44.7	1.448	2.421	5.1	20.6
12 7	4 54.86	+22 42.4	1.435	2.421	0.0	20.2
12 17	4 44.45	+22 37.4	1.451	2.421	5.1	20.7
12 27	4 35.49	+22 32.0	1.493	2.421	9.8	20.9
1 6	4 29.05	+22 28.9	1.559	2.421	14.0	21.2

227381 2005 US_{256} 12 6.9 138°.95 1°.1/ 7.2 18 R

10 28	5 30.68	+25 53.0	1.994	2.753	15.7	22.1
11 7	5 25.16	+25 58.8	1.914	2.767	12.6	21.9
11 17	5 16.82	+25 59.8	1.856	2.780	8.9	21.7
11 27	5 6.37	+25 54.2	1.824	2.793	4.7	21.4
12 7	4 54.86	+25 41.4	1.821	2.805	1.1	21.2
12 17	4 43.54	+25 22.6	1.848	2.816	4.4	21.5
12 27	4 33.65	+25 0.5	1.905	2.827	8.5	21.7
1 6	4 26.08	+24 38.9	1.988	2.836	12.0	22.0

125631 2001 XS_{59} 12 6.9 54°.10 0°.7/ 7.1 18

10 28	5 26.36	+26 36.9	1.454	2.246	19.1	19.1
11 7	5 22.64	+26 12.8	1.387	2.258	15.3	18.9
11 17	5 15.49	+25 40.0	1.338	2.272	10.7	18.7
11 27	5 5.78	+24 58.1	1.313	2.285	5.6	18.4
12 7	4 54.86	+24 8.6	1.314	2.299	0.7	18.1
12 17	4 44.31	+23 15.5	1.342	2.313	5.3	18.5
12 27	4 35.62	+22 24.2	1.397	2.327	10.2	18.8
1 6	4 29.78	+21 40.1	1.476	2.341	14.5	19.1

493294 2014 UQ_{176} 12 6.9 1°.21 4°.0/ 7.4 17

10 28	5 24.18	+29 48.4	1.905	2.676	16.0	20.8
11 7	5 20.67	+30 53.1	1.819	2.675	13.0	20.6
11 17	5 14.17	+31 54.2	1.754	2.674	9.6	20.4
11 27	5 5.23	+32 47.2	1.714	2.674	6.1	20.2
12 7	4 54.86	+33 28.2	1.701	2.675	4.0	20.1
12 17	4 44.36	+33 54.8	1.717	2.677	5.8	20.2
12 27	4 35.14	+34 8.1	1.760	2.679	9.3	20.4
1 6	4 28.29	+34 11.6	1.828	2.681	12.7	20.6

223019 2002 SC_{22} 12 6.9 188°.55 2°.6/ 7.6 18

10 28	5 31.21	+29 26.9	2.049	2.800	15.6	21.5
11 7	5 25.88	+29 49.5	1.954	2.800	12.7	21.3
11 17	5 17.57	+30 6.1	1.881	2.799	9.2	21.1
11 27	5 6.88	+30 13.4	1.833	2.797	5.4	20.9
12 7	4 54.87	+30 9.3	1.814	2.794	2.7	20.7
12 17	4 42.83	+29 53.9	1.825	2.790	5.0	20.9
12 27	4 32.14	+29 29.9	1.866	2.785	8.8	21.1
1 6	4 23.82	+29 1.9	1.933	2.780	12.4	21.3

60612 2000 EE_{190} 12 6.9 76°.83 5°.0/ 5.6 18

10 28	5 20.17	+ 8 15.7	2.322	3.087	13.6	20.3
11 7	5 16.26	+ 7 36.6	2.245	3.095	11.1	20.1
11 17	5 10.35	+ 7 2.9	2.190	3.103	8.4	19.9
11 27	5 2.98	+ 6 37.7	2.161	3.111	5.9	19.8
12 7	4 54.89	+ 6 23.5	2.161	3.119	5.1	19.8
12 17	4 46.89	+ 6 21.9	2.189	3.127	6.5	19.9
12 27	4 39.82	+ 6 33.3	2.245	3.135	9.0	20.0
1 6	4 34.34	+ 6 56.8	2.326	3.143	11.6	20.2

394139 2006 KW_{27} 12 6.9 194°.63 0°.8/ 6.7 18

10 28	5 25.04	+22 2.5	1.947	2.722	15.5	21.9
11 7	5 20.83	+21 42.9	1.857	2.721	12.4	21.7
11 17	5 13.93	+21 19.7	1.789	2.720	8.7	21.4
11 27	5 4.95	+20 53.1	1.746	2.718	4.5	21.2
12 7	4 54.88	+20 24.5	1.732	2.717	0.8	20.9
12 17	4 44.86	+19 55.8	1.747	2.715	4.7	21.2
12 27	4 36.08	+19 30.1	1.790	2.712	8.9	21.4
1 6	4 29.45	+19 10.1	1.859	2.710	12.6	21.7

418511 2008 SR_{38} 12 6.9 320°.79 3°.3/ 7.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 23.75	+31 15.9	2.285	3.041	14.0	21.1
11 7	5 19.76	+31 51.7	2.190	3.037	11.5	20.9
11 17	5 13.20	+32 21.8	2.117	3.032	8.4	20.7
11 27	5 4.62	+32 43.1	2.069	3.028	5.3	20.5
12 7	4 54.88	+32 53.3	2.050	3.025	3.3	20.4
12 17	4 45.08	+32 52.0	2.060	3.021	4.9	20.5
12 27	4 36.36	+32 40.9	2.099	3.017	8.0	20.7
1 6	4 29.63	+32 23.4	2.164	3.014	11.1	20.9

126533 2002 CQ_{86} 12 6.9 351°.80 0°.9/ 7.2 18

10 28	5 22.27	+25 9.2	1.820	2.603	16.1	20.6
11 7	5 18.97	+25 14.7	1.733	2.600	13.0	20.3
11 17	5 12.84	+25 15.8	1.666	2.598	9.1	20.1
11 27	5 4.48	+25 11.3	1.624	2.596	4.8	19.8
12 7	4 54.89	+25 1.0	1.610	2.594	0.9	19.6
12 17	4 45.33	+24 45.7	1.623	2.593	4.7	19.8
12 27	4 37.05	+24 28.2	1.665	2.593	9.0	20.1
1 6	4 31.06	+24 11.7	1.731	2.592	12.8	20.3

351409 2005 FP_{12} 12 6.9 263°.44 4°.1/ 7.5 17

10 28	5 28.58	+31 9.5	2.018	2.773	15.7	21.2
11 7	5 24.25	+32 1.5	1.911	2.757	12.9	21.0
11 17	5 16.80	+32 49.4	1.825	2.739	9.6	20.7
11 27	5 6.69	+33 28.3	1.764	2.722	6.2	20.5
12 7	4 54.89	+33 54.3	1.731	2.704	4.1	20.3
12 17	4 42.74	+34 5.2	1.728	2.686	5.9	20.4
12 27	4 31.76	+34 2.1	1.752	2.668	9.5	20.6
1 6	4 23.17	+33 49.4	1.802	2.649	13.1	20.8

366525 2002 PJ_{201} 12 6.9 289°.04 4°.2/ 5.4 17

10 28	5 19.73	+12 11.3	2.338	3.109	13.3	21.3
11 7	5 16.01	+11 20.9	2.249	3.106	10.8	21.1
11 17	5 10.27	+10 32.1	2.182	3.103	7.9	20.9
11 27	5 2.99	+ 9 48.0	2.142	3.100	5.3	20.7
12 7	4 54.91	+ 9 11.6	2.130	3.097	4.2	20.7
12 17	4 46.88	+ 8 45.6	2.148	3.094	6.0	20.8
12 27	4 39.74	+ 8 31.6	2.193	3.091	8.9	21.0
1 6	4 34.19	+ 8 30.1	2.264	3.088	11.7	21.1

40504 1999 RC_{84} 12 6.9 46°.03 1°.1/ 6.7 18

10 28	5 24.57	+20 38.4	1.514	2.309	18.4	18.9
11 7	5 21.03	+20 30.1	1.446	2.321	14.6	18.6
11 17	5 14.33	+20 20.3	1.397	2.333	10.2	18.4
11 27	5 5.21	+20 9.2	1.373	2.346	5.2	18.2
12 7	4 54.91	+19 57.8	1.374	2.359	1.1	17.9
12 17	4 44.84	+19 47.6	1.403	2.372	5.4	18.3
12 27	4 36.40	+19 41.0	1.459	2.386	10.1	18.6
1 6	4 30.57	+19 40.0	1.538	2.400	14.2	18.8

379443 2010 CV_{80} 12 6.9 197°.97 4°.4/ 8.5 18

10 28	5 24.30	+37 50.0	2.781	3.508	12.5	21.2
11 7	5 19.78	+38 18.2	2.686	3.507	10.4	21.0
11 17	5 12.98	+38 37.6	2.613	3.506	8.0	20.9
11 27	5 4.42	+38 44.8	2.565	3.505	5.8	20.7
12 7	4 54.91	+38 38.1	2.546	3.504	4.5	20.6
12 17	4 45.43	+38 17.5	2.556	3.502	5.2	20.7
12 27	4 36.96	+37 45.1	2.596	3.501	7.3	20.8
1 6	4 30.28	+37 5.0	2.662	3.500	9.7	21.0

125322 2001 VE_{40} 12 6.9 355°.57 0°.7/ 7.1 18 R

10 28	5 21.62	+24 22.4	1.275	2.087	20.2	19.6
11 7	5 19.67	+24 26.0	1.199	2.083	16.3	19.4
11 17	5 14.00	+24 24.8	1.140	2.080	11.5	19.1
11 27	5 5.30	+24 17.4	1.103	2.077	6.0	18.8
12 7	4 54.91	+24 3.6	1.091	2.076	0.7	18.4
12 17	4 44.55	+23 45.0	1.104	2.076	5.9	18.8
12 27	4 36.01	+23 25.4	1.142	2.077	11.4	19.1
1 6	4 30.55	+23 9.2	1.202	2.079	16.2	19.4

89337 2001 VJ_{54} 12 6.9 144°.66 3°.8/ 8.0 18

10 28	5 27.71	+33 43.0	2.317	3.060	14.2	20.2
11 7	5 22.77	+34 13.6	2.231	3.067	11.7	20.0
11 17	5 15.20	+34 36.3	2.166	3.073	8.7	19.8
11 27	5 5.60	+34 47.6	2.126	3.079	5.7	19.6
12 7	4 54.92	+34 45.4	2.115	3.085	3.9	19.5
12 17	4 44.30	+34 29.8	2.134	3.091	5.1	19.6
12 27	4 34.93	+34 3.4	2.182	3.096	8.0	19.8
1 6	4 27.67	+33 30.5	2.257	3.101	10.9	20.0

307487 2002 XF_{60} 12 6.9 22°.23 0°.9/ 6.9 18

10 28	5 25.77	+17 33.5	1.719	2.501	17.0	20.1
11 7	5 21.80	+18 9.5	1.637	2.504	13.6	19.8
11 17	5 14.87	+18 50.1	1.576	2.508	9.5	19.6
11 27	5 5.56	+19 34.1	1.540	2.512	4.9	19.4
12 7	4 54.92	+20 19.5	1.531	2.516	0.9	19.1
12 17	4 44.25	+21 4.6	1.551	2.520	5.0	19.4
12 27	4 34.90	+21 48.7	1.600	2.525	9.5	19.7
1 6	4 27.94	+22 31.9	1.673	2.530	13.5	19.9

75411 1999 XQ_{106} 12 6.9 236°.63 0°.2/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 27.21	+24 12.1	1.678	2.458	17.4	19.0
11 7	5 23.19	+23 51.6	1.584	2.450	14.0	18.7
11 17	5 15.97	+23 24.9	1.510	2.442	9.9	18.5
11 27	5 6.17	+22 51.7	1.461	2.433	5.1	18.2
12 7	4 54.92	+22 12.8	1.439	2.424	0.2	17.8
12 17	4 43.64	+21 30.9	1.445	2.414	5.2	18.1
12 27	4 33.83	+20 50.5	1.479	2.404	10.1	18.4
1 6	4 26.59	+20 16.1	1.538	2.394	14.5	18.6

410593 2008 GL_{146} 12 6.9 183°.84 2°.0/ 6.6 18

10 28	5 23.88	+15 25.9	2.399	3.162	13.3	21.6
11 7	5 19.32	+15 31.1	2.306	3.162	10.6	21.4
11 17	5 12.60	+15 39.2	2.236	3.162	7.5	21.2
11 27	5 4.22	+15 50.5	2.193	3.161	4.2	21.0
12 7	4 54.93	+16 5.2	2.180	3.161	2.0	20.8
12 17	4 45.62	+16 23.7	2.197	3.160	4.4	21.0
12 27	4 37.23	+16 46.1	2.244	3.158	7.8	21.2
1 6	4 30.49	+17 12.5	2.317	3.157	10.9	21.4

481657 2007 VJ_{226} 12 6.9 42°.91 4°.6/ 6.3 18

10 28	5 24.43	+13 21.2	1.380	2.180	19.6	20.3
11 7	5 20.79	+12 49.4	1.330	2.205	15.6	20.1
11 17	5 14.01	+12 22.7	1.298	2.230	11.2	19.9
11 27	5 4.96	+12 4.3	1.289	2.255	6.8	19.7
12 7	4 54.93	+11 56.7	1.306	2.282	4.6	19.7
12 17	4 45.33	+12 1.2	1.349	2.308	7.2	19.9
12 27	4 37.48	+12 18.3	1.418	2.335	11.2	20.2
1 6	4 32.25	+12 46.5	1.510	2.363	14.9	20.5

30200 Terryburch 12 6.9 234°.48 1°.6/ 6.6 18

10 28	5 26.52	+19 12.4	1.884	2.659	16.0	19.4
11 7	5 22.24	+18 59.9	1.785	2.648	12.9	19.1
11 17	5 15.12	+18 46.5	1.707	2.637	9.1	18.9
11 27	5 5.69	+18 32.7	1.654	2.625	4.8	18.6
12 7	4 54.93	+18 19.4	1.629	2.613	1.6	18.4
12 17	4 44.06	+18 8.1	1.634	2.600	5.2	18.6
12 27	4 34.36	+18 1.0	1.667	2.586	9.6	18.8
1 6	4 26.89	+18 0.0	1.725	2.573	13.6	19.0

511882 2015 GV_{42} 12 6.9 325°.33 1°.5/ 6.8 18

10 28	5 24.32	+18 33.7	1.272	2.081	20.4	21.5
11 7	5 21.87	+18 44.2	1.189	2.072	16.5	21.2
11 17	5 15.65	+18 57.4	1.125	2.064	11.7	20.9
11 27	5 6.24	+19 13.4	1.082	2.055	6.2	20.6
12 7	4 54.93	+19 31.7	1.063	2.048	1.5	20.3
12 17	4 43.44	+19 52.1	1.071	2.041	6.4	20.6
12 27	4 33.65	+20 15.4	1.103	2.034	12.1	20.9
1 6	4 26.97	+20 42.7	1.157	2.029	17.1	21.2

141691 2002 JB_{146} 12 6.9 140°.14 7°.8/ 5.4 18

10 28	5 23.89	+ 2 11.1	2.019	2.772	15.7	20.4
11 7	5 19.49	+ 1 18.2	1.945	2.779	13.2	20.2
11 17	5 12.77	+ 0 35.4	1.893	2.786	10.6	20.1
11 27	5 4.29	+ 0 7.5	1.865	2.792	8.5	20.0
12 7	4 54.94	− 0 1.6	1.863	2.798	7.8	19.9
12 17	4 45.70	+ 0 9.7	1.889	2.804	9.0	20.0
12 27	4 37.57	+ 0 40.9	1.941	2.809	11.4	20.2
1 6	4 31.32	+ 1 29.2	2.017	2.814	13.9	20.4

267587 2002 QO_{141} 12 6.9 259°.32 9°.3/11.1 18

10 28	5 35.42	+54 13.9	2.675	3.318	14.6	20.9
11 7	5 29.80	+55 0.3	2.573	3.305	13.2	20.7
11 17	5 20.61	+55 30.6	2.490	3.291	11.6	20.6
11 27	5 8.55	+55 38.0	2.428	3.277	10.2	20.5
12 7	4 54.93	+55 17.6	2.390	3.262	9.4	20.4
12 17	4 41.41	+54 27.9	2.378	3.248	9.5	20.4
12 27	4 29.67	+53 12.2	2.392	3.233	10.5	20.4
1 6	4 20.90	+51 37.8	2.431	3.218	12.1	20.5

191214 2002 RO_{30} 12 6.9 36°.14 3°.3/ 8.1 18

10 28	5 23.58	+33 7.5	2.239	2.994	14.3	19.5
11 7	5 19.55	+33 19.4	2.153	2.998	11.7	19.4
11 17	5 12.97	+33 22.5	2.088	3.002	8.6	19.2
11 27	5 4.45	+33 14.3	2.048	3.006	5.4	19.0
12 7	4 54.95	+32 53.8	2.036	3.011	3.4	18.9
12 17	4 45.55	+32 21.9	2.054	3.016	4.8	19.0
12 27	4 37.37	+31 41.8	2.100	3.020	7.9	19.2
1 6	4 31.25	+30 58.0	2.172	3.025	10.9	19.4

321038 2008 QY_{4} 12 6.9 119°.84 2°.5/ 6.1 18

10 28	5 21.57	+16 23.0	2.483	3.249	12.8	21.6
11 7	5 17.27	+15 48.5	2.401	3.259	10.2	21.4
11 17	5 11.01	+15 14.0	2.342	3.268	7.2	21.2
11 27	5 3.33	+14 41.3	2.311	3.277	4.1	21.1
12 7	4 54.96	+14 12.2	2.309	3.286	2.5	21.0
12 17	4 46.70	+13 48.7	2.337	3.295	4.6	21.1
12 27	4 39.37	+13 32.5	2.394	3.304	7.6	21.3
1 6	4 33.62	+13 24.4	2.478	3.312	10.4	21.5

335410 2005 TZ_{123} 12 6.9 96°.94 3°.7/ 5.9 16

	h m	° ′			°	m
10 28	5 28.09	+16 1.6	1.683	2.462	17.4	21.9
11 7	5 23.17	+15 9.3	1.620	2.484	13.9	21.7
11 17	5 15.42	+14 17.3	1.577	2.505	9.9	21.5
11 27	5 5.64	+13 28.6	1.559	2.525	5.8	21.3
12 7	4 54.95	+12 46.8	1.569	2.545	3.8	21.3
12 17	4 44.63	+12 15.2	1.608	2.565	6.5	21.5
12 27	4 35.87	+11 56.1	1.674	2.584	10.3	21.7
1 6	4 29.49	+11 50.2	1.765	2.603	13.8	22.0

474736 2005 NT_{28} 12 6.9 101°.40 3°.9/ 6.2 18

10 28	5 29.09	+13 46.4	1.721	2.495	17.3	22.3
11 7	5 23.89	+13 15.7	1.658	2.518	13.9	22.1
11 17	5 15.91	+12 48.3	1.616	2.541	9.9	21.9
11 27	5 5.89	+12 26.7	1.599	2.563	5.9	21.7
12 7	4 54.96	+12 13.0	1.610	2.585	3.9	21.7
12 17	4 44.36	+12 8.9	1.650	2.606	6.4	21.9
12 27	4 35.30	+12 15.4	1.717	2.627	10.1	22.1
1 6	4 28.59	+12 32.2	1.809	2.646	13.5	22.4

396430 2014 ET_{41} 12 6.9 197°.65 0°.0/ 6.9 18

10 28	5 26.35	+22 34.2	1.986	2.756	15.4	21.9
11 7	5 21.93	+22 39.9	1.894	2.754	12.4	21.7
11 17	5 14.77	+22 43.5	1.823	2.752	8.7	21.5
11 27	5 5.46	+22 44.1	1.778	2.750	4.5	21.2
12 7	4 54.96	+22 41.3	1.762	2.747	0.0	20.8
12 17	4 44.44	+22 35.9	1.775	2.744	4.5	21.2
12 27	4 35.12	+22 29.7	1.817	2.740	8.7	21.5
1 6	4 27.97	+22 25.1	1.885	2.737	12.4	21.7

273150 2006 HW_{31} 12 6.9 86°.96 3°.0/ 5.9 18

10 28	5 20.86	+15 0.4	2.403	3.172	13.1	20.9
11 7	5 16.75	+14 22.8	2.325	3.184	10.4	20.7
11 17	5 10.67	+13 46.2	2.271	3.196	7.4	20.5
11 27	5 3.16	+13 12.6	2.243	3.208	4.4	20.4
12 7	4 54.97	+12 44.1	2.245	3.220	3.0	20.3
12 17	4 46.91	+12 22.7	2.276	3.232	5.0	20.5
12 27	4 39.81	+12 9.9	2.336	3.243	7.9	20.7
1 6	4 34.30	+12 6.4	2.423	3.255	10.7	20.9

510536 2012 HU_{4} 12 6.9 167°.53 4°.4/ 6.2 18

10 28	5 27.86	+12 37.2	1.717	2.492	17.3	21.9
11 7	5 23.25	+12 8.1	1.636	2.496	14.0	21.7
11 17	5 15.73	+11 42.9	1.576	2.500	10.2	21.4
11 27	5 5.95	+11 24.4	1.540	2.502	6.3	21.2
12 7	4 54.96	+11 15.1	1.531	2.505	4.4	21.1
12 17	4 44.05	+11 16.8	1.551	2.506	6.9	21.3
12 27	4 34.52	+11 30.3	1.599	2.507	10.8	21.5
1 6	4 27.34	+11 55.3	1.670	2.508	14.5	21.7

188856 2006 SN_{261} 12 6.9 341°.99 1°.6/ 7.1 18

10 28	5 25.22	+23 17.5	1.262	2.070	20.7	20.2
11 7	5 22.79	+23 58.7	1.183	2.064	16.7	19.9
11 17	5 16.42	+24 40.3	1.121	2.058	11.9	19.6
11 27	5 6.70	+25 19.3	1.081	2.053	6.3	19.3
12 7	4 54.96	+25 52.0	1.065	2.049	1.6	19.0
12 17	4 43.05	+26 16.2	1.075	2.046	6.2	19.3
12 27	4 32.96	+26 33.2	1.110	2.043	11.8	19.6
1 6	4 26.18	+26 46.2	1.167	2.041	16.8	19.9

331093 2009 WA_{182} 12 6.9 2°.09 2°.8/ 7.1 17

10 28	5 26.65	+25 34.7	1.928	2.698	15.8	20.0
11 7	5 22.55	+26 49.7	1.839	2.697	12.8	19.8
11 17	5 15.48	+28 5.5	1.772	2.697	9.2	19.6
11 27	5 5.96	+29 17.6	1.731	2.697	5.3	19.4
12 7	4 54.97	+30 21.5	1.719	2.698	2.8	19.2
12 17	4 43.77	+31 14.0	1.736	2.700	5.3	19.4
12 27	4 33.77	+31 54.5	1.782	2.702	9.1	19.6
1 6	4 26.08	+32 25.2	1.853	2.704	12.6	19.8

481819 2008 UK_{114} 12 6.9 116°.40 0°.8/ 6.7 18

10 28	5 26.36	+22 44.7	1.790	2.568	16.6	21.4
11 7	5 21.99	+22 17.6	1.711	2.576	13.2	21.2
11 17	5 14.78	+21 45.8	1.653	2.584	9.2	21.0
11 27	5 5.41	+21 9.9	1.620	2.592	4.7	20.7
12 7	4 54.98	+20 31.4	1.615	2.600	0.8	20.4
12 17	4 44.74	+19 53.3	1.640	2.608	4.9	20.8
12 27	4 35.94	+19 19.1	1.692	2.615	9.3	21.0
1 6	4 29.49	+18 52.0	1.769	2.622	13.1	21.3

80232 1999 VQ_{188} 12 6.9 6°.11 3°.1/ 6.4 18

10 28	5 20.91	+18 7.2	1.135	1.959	21.5	19.5
11 7	5 19.22	+17 39.2	1.067	1.958	17.2	19.2
11 17	5 13.72	+17 10.7	1.017	1.959	12.2	18.9
11 27	5 5.16	+16 44.4	0.988	1.961	6.7	18.6
12 7	4 54.97	+16 23.3	0.982	1.964	3.1	18.4
12 17	4 44.92	+16 10.5	1.000	1.968	7.3	18.7
12 27	4 36.79	+16 8.7	1.042	1.973	12.7	19.0
1 6	4 31.81	+16 19.0	1.105	1.980	17.5	19.3

162212 1999 SP_{25} 12 6.9 86°.34 0°.1/ 6.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 26.28	+23 53.2	1.762	2.540	16.8	20.3
11 7	5 21.96	+23 35.1	1.688	2.553	13.4	20.1
11 17	5 14.75	+23 12.1	1.635	2.566	9.3	19.9
11 27	5 5.39	+22 44.0	1.607	2.579	4.8	19.7
12 7	4 54.99	+22 12.0	1.607	2.592	0.2	19.3
12 17	4 44.84	+21 38.6	1.636	2.605	4.7	19.8
12 27	4 36.19	+21 7.3	1.692	2.617	9.1	20.0
1 6	4 29.92	+20 41.3	1.774	2.630	12.9	20.3

399678 2004 SO_{54} 12 6.9 29°.20 3°.4/ 6.9 16

10 28	5 23.87	+11 51.2	1.557	2.347	18.1	20.1
11 7	5 20.21	+12 12.1	1.496	2.366	14.5	19.9
11 17	5 13.62	+12 41.6	1.455	2.385	10.4	19.7
11 27	5 4.84	+13 20.1	1.438	2.406	6.0	19.5
12 7	4 54.99	+14 7.0	1.448	2.427	3.4	19.4
12 17	4 45.37	+15 0.6	1.486	2.449	6.0	19.6
12 27	4 37.25	+15 59.1	1.550	2.472	10.1	19.9
1 6	4 31.54	+17 0.5	1.639	2.495	13.7	20.1

339123 2004 RC_{266} 12 6.9 4°.12 1°.5/ 7.2 18

10 28	5 21.98	+24 50.9	1.257	2.069	20.4	20.5
11 7	5 20.03	+25 12.2	1.184	2.068	16.5	20.2
11 17	5 14.31	+25 29.6	1.130	2.068	11.7	20.0
11 27	5 5.50	+25 40.9	1.096	2.070	6.2	19.7
12 7	4 54.99	+25 44.4	1.088	2.072	1.5	19.4
12 17	4 44.53	+25 40.4	1.104	2.075	6.0	19.7
12 27	4 35.94	+25 31.9	1.145	2.080	11.3	20.0
1 6	4 30.49	+25 23.3	1.208	2.086	16.0	20.3

455686 2005 EZ_{88} 12 6.9 238°.47 5°.3/ 8.8 18

10 28	5 26.33	+40 38.1	2.784	3.497	12.7	21.4
11 7	5 21.60	+41 12.9	2.681	3.488	10.8	21.2
11 17	5 14.39	+41 37.8	2.599	3.479	8.6	21.1
11 27	5 5.24	+41 48.9	2.543	3.470	6.5	20.9
12 7	4 54.99	+41 43.8	2.515	3.461	5.4	20.8
12 17	4 44.70	+41 21.7	2.515	3.451	5.9	20.9
12 27	4 35.45	+40 45.1	2.545	3.441	7.9	21.0
1 6	4 28.12	+39 58.3	2.601	3.431	10.1	21.1

435453 2008 EO_{116} 12 6.9 159°.09 1°.7/ 7.4 16

10 28	5 30.97	+27 6.7	2.094	2.847	15.2	23.2
11 7	5 25.42	+27 22.2	2.007	2.856	12.3	23.0
11 17	5 17.09	+27 32.7	1.942	2.864	8.7	22.8
11 27	5 6.61	+27 36.0	1.903	2.871	4.8	22.6
12 7	4 55.00	+27 30.8	1.894	2.877	1.7	22.4
12 17	4 43.47	+27 17.5	1.915	2.882	4.5	22.6
12 27	4 33.28	+26 58.7	1.966	2.886	8.3	22.8
1 6	4 25.35	+26 38.2	2.043	2.890	11.8	23.1

209174 2003 UA_{123} 12 6.9 344°.69 4°.9/ 5.2 18

10 28	5 20.61	+16 25.5	1.499	2.302	18.1	19.5
11 7	5 17.99	+15 2.9	1.418	2.296	14.6	19.3
11 17	5 12.32	+13 36.2	1.356	2.290	10.6	19.0
11 27	5 4.29	+12 10.6	1.319	2.285	6.6	18.8
12 7	4 55.00	+10 52.6	1.307	2.281	5.0	18.7
12 17	4 45.80	+ 9 48.5	1.323	2.277	7.9	18.9
12 27	4 38.05	+ 9 3.1	1.363	2.274	12.1	19.1
1 6	4 32.75	+ 8 38.3	1.426	2.272	16.0	19.3

43928 1996 HE_{13} 12 6.9 169°.95 0°.6/ 6.8 18

10 28	5 21.96	+21 31.2	2.723	3.483	11.9	20.1
11 7	5 17.54	+21 16.0	2.630	3.486	9.5	19.9
11 17	5 11.21	+20 58.5	2.561	3.488	6.6	19.8
11 27	5 3.47	+20 39.0	2.519	3.490	3.4	19.5
12 7	4 55.01	+20 18.3	2.507	3.491	0.6	19.3
12 17	4 46.60	+19 57.8	2.526	3.493	3.5	19.6
12 27	4 39.04	+19 39.1	2.575	3.494	6.7	19.8
1 6	4 32.97	+19 24.2	2.652	3.494	9.6	20.0

106903 2000 YN_{45} 12 6.9 270°.63 6°.2/ 6.1 18

10 28	5 24.27	+ 6 37.0	1.851	2.620	16.4	19.8
11 7	5 20.37	+ 6 14.2	1.756	2.607	13.6	19.6
11 17	5 13.79	+ 6 0.2	1.682	2.594	10.5	19.4
11 27	5 5.04	+ 5 58.9	1.631	2.581	7.5	19.2
12 7	4 55.01	+ 6 13.0	1.608	2.568	6.2	19.1
12 17	4 44.84	+ 6 43.7	1.612	2.555	8.0	19.1
12 27	4 35.74	+ 7 30.5	1.644	2.541	11.3	19.3
1 6	4 28.70	+ 8 31.0	1.699	2.528	14.7	19.5

384997 2012 TG_{218} 12 6.9 277°.72 0°.3/ 7.1 18

10 28	5 25.36	+24 2.6	1.660	2.445	17.4	21.4
11 7	5 21.90	+24 0.1	1.563	2.432	14.1	21.1
11 17	5 15.23	+23 53.3	1.486	2.418	9.9	20.8
11 27	5 5.91	+23 41.1	1.433	2.405	5.2	20.5
12 7	4 55.01	+23 23.3	1.406	2.392	0.3	20.1
12 17	4 43.97	+23 1.4	1.408	2.378	5.2	20.5
12 27	4 34.31	+22 38.5	1.437	2.365	10.2	20.7
1 6	4 27.21	+22 18.6	1.490	2.351	14.6	20.9

168039 2005 LR_1 12 6.9 85°.54 3°.5/ 5.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 19.45	+11 50.8	2.673	3.436	12.1	20.6
11 7	5 15.43	+11 19.5	2.596	3.449	9.7	20.5
11 17	5 9.67	+10 51.3	2.543	3.462	7.0	20.3
11 27	5 2.65	+10 28.0	2.516	3.474	4.5	20.2
12 7	4 55.03	+10 11.5	2.518	3.487	3.5	20.2
12 17	4 47.51	+10 3.1	2.551	3.499	5.0	20.3
12 27	4 40.82	+10 3.7	2.612	3.512	7.5	20.5
1 6	4 35.52	+10 13.2	2.700	3.524	10.0	20.6

211769 2004 BF_{55} 12 6.9 85°.28 3°.6/ 6.2 18

10 28	5 23.45	+13 44.1	1.886	2.664	15.8	20.3
11 7	5 19.49	+13 21.4	1.806	2.669	12.7	20.1
11 17	5 12.97	+13 1.9	1.747	2.674	9.1	19.9
11 27	5 4.51	+12 47.7	1.714	2.679	5.5	19.7
12 7	4 55.03	+12 40.7	1.708	2.684	3.6	19.6
12 17	4 45.63	+12 42.4	1.731	2.689	6.0	19.7
12 27	4 37.43	+12 53.6	1.781	2.693	9.6	19.9
1 6	4 31.28	+13 14.3	1.856	2.698	13.0	20.2

60801 2000 HA_{15} 12 6.9 65°.54 0°.5/ 6.9 18

10 28	5 29.61	+20 14.3	1.442	2.231	19.4	18.6
11 7	5 25.09	+20 34.0	1.383	2.254	15.4	18.4
11 17	5 17.17	+20 54.3	1.344	2.277	10.7	18.2
11 27	5 6.70	+21 13.7	1.328	2.300	5.4	18.0
12 7	4 55.02	+21 31.0	1.339	2.324	0.5	17.7
12 17	4 43.71	+21 46.1	1.378	2.347	5.4	18.1
12 27	4 34.26	+22 0.2	1.443	2.370	10.2	18.4
1 6	4 27.67	+22 15.5	1.533	2.393	14.3	18.7

250508 2004 HR_{18} 12 6.9 240°.40 0°.5/ 6.8 18

10 28	5 24.40	+22 57.1	2.414	3.175	13.2	20.9
11 7	5 19.92	+22 35.9	2.304	3.160	10.6	20.7
11 17	5 13.15	+22 10.6	2.218	3.145	7.5	20.5
11 27	5 4.60	+21 41.2	2.158	3.129	3.8	20.2
12 7	4 55.04	+21 8.7	2.128	3.113	0.5	19.9
12 17	4 45.40	+20 34.8	2.129	3.097	4.0	20.2
12 27	4 36.70	+20 2.4	2.160	3.079	7.8	20.4
1 6	4 29.73	+19 34.1	2.218	3.062	11.1	20.5

97054 1999 UO_{50} 12 6.9 70°.60 2°.0/ 6.6 18

10 28	5 28.27	+17 52.0	1.663	2.443	17.6	20.1
11 7	5 23.38	+17 44.5	1.606	2.472	13.9	19.9
11 17	5 15.62	+17 38.0	1.569	2.500	9.7	19.7
11 27	5 5.78	+17 33.1	1.557	2.528	5.1	19.5
12 7	4 55.03	+17 30.6	1.573	2.556	2.0	19.4
12 17	4 44.68	+17 31.5	1.618	2.584	5.3	19.6
12 27	4 35.93	+17 37.2	1.690	2.611	9.4	19.9
1 6	4 29.62	+17 48.4	1.788	2.638	13.0	20.2

276312 2002 TP_{165} 12 6.9 110°.90 4°.0/ 8.8 18

10 28	5 26.69	+37 48.9	2.674	3.398	13.0	20.1
11 7	5 21.52	+37 54.0	2.591	3.412	10.7	19.9
11 17	5 14.06	+37 48.3	2.530	3.425	8.2	19.8
11 27	5 4.93	+37 29.4	2.495	3.439	5.6	19.6
12 7	4 55.04	+36 56.5	2.489	3.452	4.1	19.5
12 17	4 45.37	+36 10.7	2.512	3.464	4.8	19.6
12 27	4 36.89	+35 15.5	2.566	3.477	7.1	19.8
1 6	4 30.33	+34 15.6	2.647	3.489	9.6	20.0

511038 2013 RA_{26} 12 6.9 42°.15 1°.2/ 6.9 18

10 28	5 27.98	+19 6.4	1.039	1.858	23.3	20.5
11 7	5 24.79	+19 20.2	0.993	1.881	18.5	20.3
11 17	5 17.43	+19 36.0	0.965	1.906	12.8	20.1
11 27	5 6.94	+19 52.8	0.957	1.931	6.6	19.8
12 7	4 55.04	+20 9.8	0.972	1.957	1.2	19.6
12 17	4 43.74	+20 26.8	1.013	1.984	6.5	20.0
12 27	4 34.87	+20 45.2	1.078	2.011	12.0	20.4
1 6	4 29.49	+21 6.7	1.164	2.039	16.7	20.8

325757 2009 WA_{163} 12 6.9 95°.23 0°.9/ 7.2 18

10 28	5 24.03	+25 3.8	2.403	3.164	13.3	21.5
11 7	5 19.48	+25 17.5	2.323	3.177	10.6	21.3
11 17	5 12.71	+25 28.0	2.265	3.191	7.4	21.1
11 27	5 4.29	+25 34.1	2.234	3.204	3.9	20.9
12 7	4 55.05	+25 35.3	2.233	3.217	0.9	20.7
12 17	4 45.90	+25 31.9	2.262	3.230	3.7	21.0
12 27	4 37.81	+25 25.7	2.320	3.243	7.1	21.2
1 6	4 31.49	+25 18.7	2.406	3.256	10.1	21.4

520837 2014 UK_{235} 12 6.9 46°.63 0°.6/ 7.2 17

10 28	5 21.94	+24 57.7	2.309	3.077	13.6	21.8
11 7	5 17.99	+24 54.7	2.221	3.080	10.8	21.7
11 17	5 11.78	+24 47.7	2.155	3.083	7.6	21.5
11 27	5 3.86	+24 36.1	2.115	3.085	4.0	21.2
12 7	4 55.05	+24 20.0	2.103	3.088	0.6	21.0
12 17	4 46.30	+24 0.6	2.122	3.091	3.8	21.2
12 27	4 38.58	+23 40.1	2.170	3.094	7.4	21.5
1 6	4 32.65	+23 21.0	2.244	3.097	10.6	21.7

226313 2003 CH_{19} 12 6.9 293.°92 0.°4/ 7.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

12007 Fermat 12 7.0 258.°65 3.°1/ 7.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
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