332494 2008 FY_{68} 8 2.9 229°.00 0°.2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.38	−15 45.7	1.839	2.706	13.7	21.7
7 10	21 13.97	−16 20.6	1.756	2.696	10.2	21.4
7 20	21 6.34	−17 5.1	1.695	2.685	6.2	21.2
7 30	20 57.11	−17 54.9	1.661	2.674	1.8	20.9
8 9	20 47.27	−18 44.9	1.654	2.662	2.8	20.9
8 19	20 37.87	−19 29.9	1.674	2.650	7.3	21.2
8 29	20 29.98	−20 6.4	1.720	2.637	11.4	21.4
9 8	20 24.41	−20 32.1	1.787	2.624	14.9	21.6

400424 2008 CN_{126} 8 3.0 230°.39 1°.9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.05	− 8 42.8	2.228	3.074	12.4	21.5
7 10	21 9.60	− 9 16.8	2.146	3.070	9.5	21.3
7 20	21 3.50	−10 3.7	2.087	3.065	6.2	21.1
7 30	20 56.25	−11 1.1	2.053	3.061	2.9	20.9
8 9	20 48.59	−12 4.8	2.048	3.056	2.5	20.9
8 19	20 41.29	−13 10.4	2.071	3.051	5.8	21.1
8 29	20 35.12	−14 13.3	2.121	3.046	9.1	21.3
9 8	20 30.68	−15 9.8	2.195	3.041	12.1	21.5

131021 2000 XR_{33} 8 3.0 169°.59 5°.7/30.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.52	−32 32.0	2.127	2.997	11.9	20.1
7 10	21 16.06	−33 26.7	2.067	3.001	9.3	20.0
7 20	21 7.43	−34 16.3	2.030	3.003	6.8	19.8
7 30	20 57.39	−34 54.5	2.020	3.006	5.7	19.8
8 9	20 46.95	−35 16.2	2.037	3.007	6.8	19.8
8 19	20 37.21	−35 19.3	2.080	3.009	9.2	20.0
8 29	20 29.16	−35 4.2	2.147	3.010	11.9	20.2
9 8	20 23.47	−34 33.5	2.236	3.010	14.3	20.3

99428 2002 AO_{194} 8 3.0 127°.69 1°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.40	−13 38.6	1.657	2.520	15.1	19.7
7 10	21 16.07	−13 49.3	1.597	2.533	11.3	19.5
7 20	21 7.46	−14 10.1	1.560	2.546	7.0	19.3
7 30	20 57.39	−14 37.7	1.547	2.559	2.4	19.1
8 9	20 46.98	−15 7.5	1.562	2.571	2.8	19.1
8 19	20 37.35	−15 35.6	1.603	2.582	7.2	19.4
8 29	20 29.55	−15 58.6	1.670	2.593	11.3	19.7
9 8	20 24.27	−16 14.7	1.758	2.603	14.8	19.9

58819 1998 HF_{3} 8 3.0 5°.19 7°.2/ 8.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.29	+ 2 40.0	1.716	2.533	16.7	18.1
7 10	21 7.91	+ 2 51.7	1.644	2.533	13.9	17.9
7 20	21 2.61	+ 2 40.2	1.592	2.534	10.9	17.7
7 30	20 56.01	+ 2 4.5	1.562	2.536	8.3	17.6
8 9	20 48.98	+ 1 7.2	1.555	2.538	7.2	17.5
8 19	20 42.43	− 0 6.9	1.574	2.541	8.5	17.6
8 29	20 37.28	− 1 30.9	1.616	2.545	11.2	17.8
9 8	20 34.19	− 2 57.2	1.681	2.550	14.1	18.0

475564 2006 TY_{112} 8 3.0 272°.97 2°.6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.62	− 6 42.2	2.079	2.923	13.2	21.7
7 10	21 9.39	− 7 14.3	1.998	2.918	10.3	21.5
7 20	21 3.42	− 8 1.7	1.939	2.914	6.9	21.3
7 30	20 56.24	− 9 2.2	1.905	2.909	3.6	21.1
8 9	20 48.62	−10 11.5	1.899	2.905	3.1	21.0
8 19	20 41.38	−11 24.6	1.920	2.900	6.1	21.2
8 29	20 35.34	−12 36.3	1.967	2.896	9.6	21.4
9 8	20 31.13	−13 41.9	2.039	2.891	12.7	21.6

14710 2000 CC_{33} 8 3.0 172°.27 0°.6/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.93	−14 10.4	1.396	2.272	16.6	20.0
7 10	21 15.51	−14 32.2	1.330	2.274	12.5	19.7
7 20	21 7.40	−15 6.6	1.285	2.275	7.7	19.5
7 30	20 57.44	−15 49.2	1.263	2.276	2.4	19.2
8 9	20 46.88	−16 33.8	1.267	2.277	3.1	19.2
8 19	20 37.09	−17 14.8	1.296	2.277	8.3	19.5
8 29	20 29.33	−17 47.8	1.349	2.277	13.0	19.8
9 8	20 24.47	−18 10.4	1.422	2.277	17.0	20.1

92046 1999 VG_{200} 8 3.0 205°.50 4°.1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.83	+ 0 2.1	2.954	3.748	11.0	20.0
7 10	21 8.32	− 0 10.4	2.863	3.743	8.9	19.9
7 20	21 2.57	− 0 36.5	2.795	3.738	6.7	19.7
7 30	20 55.97	− 1 15.7	2.753	3.732	4.8	19.6
8 9	20 49.07	− 2 6.1	2.739	3.726	4.1	19.5
8 19	20 42.41	− 3 4.7	2.753	3.720	5.4	19.6
8 29	20 36.58	− 4 8.0	2.796	3.713	7.5	19.7
9 8	20 32.03	− 5 12.1	2.864	3.706	9.7	19.9

121815 2000 AE_{232} 8 3.0 296°.67 0°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.72	−17 47.2	2.185	3.056	11.6	20.2
7 10	21 10.23	−18 14.1	2.098	3.041	8.6	20.0
7 20	21 3.95	−18 47.2	2.034	3.025	5.2	19.8
7 30	20 56.41	−19 23.1	1.997	3.010	1.5	19.5
8 9	20 48.38	−19 58.0	1.987	2.994	2.6	19.6
8 19	20 40.71	−20 28.1	2.004	2.979	6.4	19.8
8 29	20 34.25	−20 50.9	2.048	2.964	9.9	20.0
9 8	20 29.65	−21 4.8	2.114	2.949	13.0	20.1

216924 1998 QV_{53} 8 3.0 351°.01 0°.6/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.61	−13 26.2	1.173	2.068	17.8	19.8
7 10	21 10.49	−13 58.2	1.109	2.062	13.4	19.5
7 20	21 4.56	−14 46.8	1.064	2.058	8.2	19.2
7 30	20 56.65	−15 47.3	1.041	2.054	2.6	18.8
8 9	20 48.05	−16 51.9	1.041	2.051	3.4	18.9
8 19	20 40.19	−17 52.6	1.064	2.049	9.0	19.2
8 29	20 34.45	−18 43.0	1.109	2.048	14.1	19.5
9 8	20 31.72	−19 19.1	1.172	2.049	18.5	19.8

254567 2005 FQ_{2} 8 3.0 20°.09 7°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.63	−29 53.4	1.129	2.035	17.5	19.3
7 10	21 15.89	−30 48.4	1.084	2.039	13.4	19.1
7 20	21 7.82	−31 38.9	1.057	2.045	9.3	18.9
7 30	20 57.56	−32 14.5	1.052	2.051	7.1	18.8
8 9	20 46.82	−32 27.5	1.070	2.058	8.7	18.9
8 19	20 37.38	−32 14.8	1.109	2.066	12.5	19.1
8 29	20 30.69	−31 38.5	1.169	2.075	16.5	19.4
9 8	20 27.54	−30 43.6	1.246	2.084	20.0	19.7

480282 2015 HL_{110} 8 3.0 350°.91 6°.2/29.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.62	−27 38.3	1.553	2.447	14.2	20.7
7 10	21 12.42	−29 25.9	1.494	2.445	10.8	20.5
7 20	21 5.61	−31 15.3	1.458	2.443	7.6	20.3
7 30	20 56.95	−32 56.2	1.447	2.442	6.2	20.2
8 9	20 47.62	−34 18.9	1.461	2.441	8.0	20.3
8 19	20 38.95	−35 17.3	1.500	2.440	11.3	20.5
8 29	20 32.21	−35 49.2	1.561	2.439	14.7	20.7
9 8	20 28.25	−35 56.8	1.640	2.439	17.7	20.9

18813 1999 KH_{15} 8 3.0 53°.16 8°.7/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.47	+ 4 52.5	1.575	2.380	18.5	16.8
7 10	21 11.05	+ 5 24.1	1.516	2.392	15.6	16.7
7 20	21 4.51	+ 5 29.7	1.475	2.405	12.5	16.5
7 30	20 56.58	+ 5 7.9	1.456	2.418	9.9	16.4
8 9	20 48.26	+ 4 20.5	1.459	2.432	8.7	16.3
8 19	20 40.61	+ 3 12.5	1.487	2.445	9.8	16.4
8 29	20 34.59	+ 1 51.4	1.538	2.459	12.2	16.6
9 8	20 30.88	+ 0 25.7	1.611	2.473	15.0	16.8

113582 2002 TQ_{44} 8 3.0 329°.30 1°.5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.01	−11 44.7	1.641	2.513	14.8	19.6
7 10	21 10.14	−12 4.2	1.563	2.503	11.2	19.4
7 20	21 4.09	−12 37.3	1.506	2.493	7.1	19.1
7 30	20 56.50	−13 20.9	1.473	2.484	2.8	18.8
8 9	20 48.33	−14 10.4	1.466	2.476	2.8	18.8
8 19	20 40.66	−15 0.6	1.485	2.468	7.2	19.0
8 29	20 34.52	−15 46.3	1.528	2.460	11.5	19.3
9 8	20 30.69	−16 24.1	1.592	2.453	15.2	19.5

316481 2010 VN_{47} 8 3.0 320°.76 4°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.30	−29 6.4	2.090	2.972	11.6	20.5
7 10	21 11.56	−30 3.7	2.021	2.965	8.8	20.3
7 20	21 4.81	−30 59.6	1.975	2.958	6.2	20.1
7 30	20 56.68	−31 48.0	1.955	2.951	4.8	20.0
8 9	20 48.09	−32 23.7	1.962	2.944	6.0	20.1
8 19	20 40.02	−32 43.3	1.995	2.938	8.7	20.2
8 29	20 33.40	−32 46.0	2.052	2.932	11.6	20.4
9 8	20 28.93	−32 32.8	2.130	2.926	14.2	20.6

75655 2000 AT_{66} 8 3.0 100°.97 1°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.57	−19 55.5	2.036	2.909	12.3	19.4
7 10	21 12.26	−20 52.6	1.981	2.925	9.0	19.2
7 20	21 5.09	−21 54.5	1.949	2.940	5.3	19.0
7 30	20 56.74	−22 55.9	1.944	2.956	2.2	18.8
8 9	20 48.08	−23 51.3	1.968	2.971	3.5	19.0
8 19	20 40.02	−24 36.7	2.018	2.985	7.0	19.2
8 29	20 33.41	−25 9.6	2.095	2.999	10.3	19.4
9 8	20 28.84	−25 29.6	2.194	3.014	13.1	19.7

371576 2006 VJ_{133} 8 3.0 219°.53 1°.9/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.86	−19 45.8	1.800	2.676	13.5	21.7
7 10	21 14.39	−20 31.9	1.724	2.669	10.0	21.5
7 20	21 6.63	−21 24.5	1.671	2.662	6.0	21.2
7 30	20 57.26	−22 18.3	1.643	2.655	2.3	21.0
8 9	20 47.29	−23 7.0	1.643	2.647	3.8	21.0
8 19	20 37.85	−23 46.0	1.669	2.639	7.9	21.3
8 29	20 30.03	−24 12.2	1.720	2.630	11.8	21.5
9 8	20 24.62	−24 24.9	1.793	2.621	15.2	21.7

325078 2008 DR_{6} 8 3.0 91°.81 0°.5/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.53	−17 46.0	1.500	2.377	15.7	21.4
7 10	21 16.36	−17 56.1	1.446	2.391	11.6	21.2
7 20	21 7.72	−18 12.9	1.413	2.404	6.9	21.0
7 30	20 57.53	−18 32.2	1.405	2.418	2.0	20.7
8 9	20 47.01	−18 49.2	1.423	2.431	3.1	20.8
8 19	20 37.42	−19 0.4	1.467	2.445	7.9	21.1
8 29	20 29.89	−19 4.0	1.535	2.457	12.1	21.4
9 8	20 25.08	−18 59.3	1.624	2.470	15.7	21.7

476104 2007 TA_{147} 8 3.0 285°.95 6°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.54	−31 53.8	1.908	2.787	12.7	21.5
7 10	21 15.13	−32 54.2	1.825	2.764	9.9	21.3
7 20	21 7.21	−33 51.8	1.764	2.740	7.4	21.1
7 30	20 57.46	−34 39.1	1.729	2.717	6.2	20.9
8 9	20 46.95	−35 9.5	1.719	2.693	7.5	21.0
8 19	20 36.92	−35 18.9	1.735	2.669	10.4	21.1
8 29	20 28.60	−35 6.9	1.775	2.645	13.6	21.2
9 8	20 22.87	−34 35.7	1.834	2.621	16.5	21.4

204091 2003 WX_{69} 8 3.0 306°.99 3°.4/31.6 18

6 30	21 17.09	−23 36.6	1.794	2.679	13.1	19.9
7 10	21 12.35	−24 35.5	1.726	2.675	9.7	19.7
7 20	21 5.39	−25 38.0	1.681	2.671	6.1	19.4
7 30	20 56.89	−26 37.4	1.661	2.668	3.5	19.3
8 9	20 47.87	−27 27.5	1.667	2.664	5.0	19.4
8 19	20 39.43	−28 3.6	1.700	2.661	8.6	19.6
8 29	20 32.60	−28 23.5	1.757	2.657	12.1	19.8
9 8	20 28.15	−28 27.4	1.834	2.654	15.2	20.0

336177 Churri 8 3.0 339°.73 3°.0/ 4.7 18

6 30	21 7.26	− 9 22.0	1.068	1.967	18.8	19.3
7 10	21 6.08	− 9 33.1	0.990	1.943	14.7	18.9
7 20	21 2.13	−10 7.2	0.930	1.920	9.7	18.6
7 30	20 56.05	−11 2.7	0.889	1.899	4.6	18.2
8 9	20 49.03	−12 13.9	0.870	1.880	4.0	18.1
8 19	20 42.53	−13 32.2	0.872	1.863	9.3	18.4
8 29	20 38.06	−14 47.7	0.894	1.848	14.9	18.6
9 8	20 36.72	−15 52.1	0.934	1.835	19.8	18.9

449517 2014 HT_{2} 8 3.0 204°.59 15°.3/14.6 17

6 30	21 19.05	+18 56.3	1.443	2.163	23.5	21.7
7 10	21 14.29	+19 43.1	1.367	2.159	21.4	21.5
7 20	21 6.84	+19 51.8	1.304	2.155	19.1	21.3
7 30	20 57.39	+19 15.1	1.258	2.150	16.9	21.2
8 9	20 47.10	+17 50.5	1.231	2.145	15.5	21.1
8 19	20 37.32	+15 41.7	1.224	2.139	15.4	21.0
8 29	20 29.41	+12 59.3	1.239	2.131	16.8	21.1
9 8	20 24.34	+ 9 58.5	1.275	2.124	19.0	21.2

324542 2006 WZ_{34} 8 3.0 51°.44 2°.5/ 1.5 17

6 30	21 17.72	−19 20.7	1.379	2.271	15.9	20.0
7 10	21 13.18	−20 27.5	1.324	2.278	11.7	19.8
7 20	21 6.01	−21 43.1	1.291	2.285	7.0	19.6
7 30	20 57.09	−22 59.5	1.282	2.293	2.8	19.3
8 9	20 47.66	−24 8.2	1.297	2.301	4.7	19.5
8 19	20 39.06	−25 2.6	1.338	2.309	9.2	19.8
8 29	20 32.49	−25 39.2	1.401	2.318	13.5	20.0
9 8	20 28.76	−25 57.6	1.484	2.326	17.1	20.3

94708 2001 XS_{57} 8 3.0 59°.70 6°.2/29.6 18

6 30	21 18.64	−27 35.0	1.493	2.387	14.8	18.7
7 10	21 13.86	−29 23.0	1.448	2.398	11.1	18.5
7 20	21 6.42	−31 10.7	1.425	2.411	7.7	18.3
7 30	20 57.21	−32 47.6	1.428	2.423	6.2	18.3
8 9	20 47.51	−34 4.5	1.455	2.435	7.9	18.4
8 19	20 38.66	−34 56.1	1.507	2.448	11.2	18.6
8 29	20 31.89	−35 21.5	1.582	2.461	14.5	18.9
9 8	20 27.98	−35 23.4	1.674	2.474	17.3	19.1

124916 2001 TO_{65} 8 3.0 332°.17 1°.8/ 3.9 18

6 30	21 13.04	−12 18.5	1.210	2.102	17.6	19.0
7 10	21 10.15	−12 26.1	1.133	2.084	13.5	18.7
7 20	21 4.48	−12 50.0	1.076	2.067	8.6	18.4
7 30	20 56.74	−13 27.5	1.040	2.051	3.4	18.1
8 9	20 48.15	−14 13.2	1.027	2.037	3.5	18.0
8 19	20 40.12	−15 0.6	1.036	2.023	8.9	18.3
8 29	20 34.09	−15 43.2	1.067	2.011	14.1	18.6
9 8	20 31.06	−16 16.4	1.117	2.000	18.7	18.8

479738 2014 EM_{2} 8 3.0 279°.22 3°.5/31.9 18

6 30	21 19.24	−25 11.2	1.851	2.732	12.9	21.2
7 10	21 13.88	−25 48.2	1.781	2.727	9.6	21.0
7 20	21 6.28	−26 26.0	1.733	2.722	6.1	20.7
7 30	20 57.18	−26 59.0	1.711	2.718	3.6	20.6
8 9	20 47.59	−27 22.1	1.716	2.713	4.9	20.7
8 19	20 38.62	−27 31.9	1.747	2.708	8.4	20.9
8 29	20 31.30	−27 27.5	1.802	2.703	11.9	21.1
9 8	20 26.38	−27 9.8	1.878	2.698	15.0	21.3

121738 1999 XF_{191} 8 3.0 176°.15 1°.1/ 3.9 18

6 30	21 16.69	−13 21.1	2.864	3.708	10.0	20.4
7 10	21 11.16	−13 16.5	2.784	3.710	7.5	20.2
7 20	21 4.29	−13 17.5	2.729	3.711	4.7	20.0
7 30	20 56.55	−13 22.6	2.702	3.712	1.9	19.8
8 9	20 48.55	−13 30.1	2.705	3.713	1.9	19.8
8 19	20 40.92	−13 38.1	2.736	3.713	4.8	20.0
8 29	20 34.25	−13 45.0	2.796	3.713	7.5	20.2
9 8	20 29.04	−13 49.4	2.880	3.712	10.0	20.4

334385 2002 BC_{27} 8 3.0 110°.34 3°.6/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.10	−12 17.9	1.729	2.573	15.4	20.3
7 10	21 21.01	−11 0.4	1.654	2.576	11.9	20.1
7 20	21 10.49	− 9 48.2	1.602	2.578	7.9	19.8
7 30	20 58.39	− 8 42.7	1.577	2.581	4.3	19.6
8 9	20 45.87	− 7 44.8	1.581	2.584	4.3	19.6
8 19	20 34.16	− 6 55.1	1.614	2.586	7.9	19.9
8 29	20 24.38	− 6 13.3	1.673	2.589	11.7	20.1
9 8	20 17.26	− 5 38.1	1.754	2.591	15.1	20.3

202654 2006 KY_{6} 8 3.0 227°.91 2°.1/ 4.4 18

6 30	21 17.03	−10 26.3	1.971	2.824	13.5	20.6
7 10	21 12.02	−10 31.6	1.891	2.819	10.3	20.4
7 20	21 5.08	−10 48.4	1.834	2.815	6.7	20.2
7 30	20 56.83	−11 14.6	1.802	2.810	3.1	19.9
8 9	20 48.11	−11 47.0	1.798	2.805	2.9	19.9
8 19	20 39.85	−12 21.9	1.820	2.800	6.4	20.1
8 29	20 32.94	−12 55.6	1.869	2.795	10.1	20.3
9 8	20 28.06	−13 25.1	1.940	2.790	13.4	20.5

477500 2010 CC_{82} 8 3.0 206°.14 6°.9/ 9.4 18

6 30	21 14.69	+ 6 8.9	2.079	2.857	15.5	21.1
7 10	21 10.22	+ 5 51.2	1.994	2.854	13.0	20.9
7 20	21 3.98	+ 5 9.6	1.928	2.851	10.4	20.8
7 30	20 56.52	+ 4 3.8	1.886	2.848	8.0	20.6
8 9	20 48.59	+ 2 36.4	1.870	2.845	6.9	20.5
8 19	20 41.04	+ 0 52.6	1.880	2.841	7.9	20.6
8 29	20 34.69	− 1 0.3	1.917	2.837	10.3	20.7
9 8	20 30.18	− 2 54.5	1.979	2.833	13.0	20.9

349320 2007 UO_{104} 8 3.0 301°.64 0°.7/ 2.6 18

6 30	21 15.76	−16 57.7	1.835	2.712	13.3	20.7
7 10	21 11.30	−17 33.3	1.758	2.703	9.9	20.4
7 20	21 4.76	−18 17.3	1.703	2.695	5.9	20.2
7 30	20 56.77	−19 5.4	1.674	2.687	1.7	19.9
8 9	20 48.25	−19 52.6	1.671	2.679	2.9	20.0
8 19	20 40.21	−20 34.1	1.695	2.671	7.2	20.2
8 29	20 33.62	−21 6.3	1.743	2.664	11.1	20.4
9 8	20 29.23	−21 27.6	1.814	2.656	14.5	20.6

498507 2008 DL_{28} 8 3.0 242°.84 1°.0/ 3.7 17

6 30	21 17.64	−11 50.5	1.573	2.442	15.5	21.9
7 10	21 12.99	−12 30.7	1.496	2.435	11.7	21.6
7 20	21 5.93	−13 26.3	1.441	2.428	7.3	21.4
7 30	20 57.15	−14 33.2	1.409	2.421	2.6	21.0
8 9	20 47.70	−15 45.0	1.404	2.414	2.9	21.0
8 19	20 38.76	−16 54.8	1.425	2.406	7.7	21.3
8 29	20 31.50	−17 56.8	1.471	2.398	12.2	21.6
9 8	20 26.78	−18 47.0	1.537	2.390	16.1	21.8

209722 2005 EB_{136} 8 3.0 205°.01 6°.4/29.9 18

6 30	21 23.10	−34 39.2	2.060	2.930	12.3	20.2
7 10	21 16.66	−35 27.5	1.997	2.928	9.7	20.1
7 20	21 7.92	−36 8.8	1.957	2.925	7.4	19.9
7 30	20 57.67	−36 36.8	1.943	2.923	6.4	19.9
8 9	20 47.01	−36 46.4	1.955	2.920	7.4	19.9
8 19	20 37.08	−36 35.8	1.993	2.917	9.8	20.1
8 29	20 28.95	−36 6.0	2.054	2.914	12.4	20.2
9 8	20 23.31	−35 20.3	2.137	2.911	14.9	20.4

344137 2000 DG_{22} 8 3.0 224°.00 1°.6/ 1.9 18

6 30	21 20.00	−21 24.8	2.269	3.136	11.4	21.7
7 10	21 14.07	−21 43.5	2.186	3.127	8.5	21.5
7 20	21 6.27	−22 4.7	2.128	3.118	5.1	21.2
7 30	20 57.19	−22 24.8	2.097	3.108	2.0	21.0
8 9	20 47.68	−22 40.1	2.094	3.098	3.1	21.1
8 19	20 38.61	−22 48.0	2.119	3.088	6.6	21.3
8 29	20 30.87	−22 47.3	2.171	3.077	9.9	21.5
9 8	20 25.10	−22 37.8	2.246	3.066	12.8	21.6

404853 2014 KL_{16} 8 3.0 87°.48 5°.2/ 7.1 16

6 30	21 14.94	− 0 45.9	2.189	3.001	13.7	21.2
7 10	21 10.19	− 0 32.8	2.121	3.011	11.1	21.0
7 20	21 3.84	− 0 35.9	2.074	3.022	8.4	20.9
7 30	20 56.46	− 0 54.9	2.051	3.032	6.0	20.7
8 9	20 48.78	− 1 28.0	2.055	3.042	5.2	20.7
8 19	20 41.56	− 2 11.8	2.085	3.053	6.8	20.8
8 29	20 35.54	− 3 2.0	2.142	3.063	9.3	21.0
9 8	20 31.25	− 3 54.0	2.222	3.073	11.8	21.2

446071 2013 CC_{159} 8 3.0 195°.93 3°.0/31.9 18

6 30	21 19.46	−26 15.7	2.448	3.317	10.6	21.7
7 10	21 13.53	−26 40.6	2.376	3.316	7.9	21.5
7 20	21 5.86	−27 4.6	2.327	3.314	5.1	21.4
7 30	20 57.06	−27 23.6	2.307	3.311	3.0	21.2
8 9	20 47.93	−27 34.1	2.314	3.309	4.1	21.3
8 19	20 39.31	−27 34.3	2.350	3.306	6.8	21.5
8 29	20 31.99	−27 23.6	2.412	3.303	9.6	21.6
9 8	20 26.55	−27 2.7	2.496	3.300	12.2	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
396723 2003 AE_{23}			8 3.0	191°.90	1°.4/ 3.8	18
	h m	° ′			°	m
6 30	21 26.07	−12 0.6	1.715	2.564	15.3	22.6
7 10	21 19.05	−12 19.7	1.635	2.563	11.6	22.3
7 20	21 9.51	−12 51.2	1.577	2.561	7.3	22.1
7 30	20 58.20	−13 31.6	1.546	2.556	2.8	21.8
8 9	20 46.22	−14 16.1	1.542	2.551	2.9	21.8
8 19	20 34.83	−14 59.7	1.567	2.544	7.5	22.0
8 29	20 25.21	−15 38.2	1.617	2.536	11.9	22.3
9 8	20 18.21	−16 8.7	1.690	2.526	15.7	22.5
36443 2000 PA_{29}			8 3.0	349°.68	0°.4/ 3.3	18
6 30	21 14.16	−14 58.2	1.226	2.121	17.2	18.4
7 10	21 10.87	−15 14.7	1.160	2.114	12.9	18.1
7 20	21 4.83	−15 44.4	1.114	2.108	7.9	17.8
7 30	20 56.87	−16 22.9	1.089	2.102	2.4	17.5
8 9	20 48.24	−17 4.0	1.088	2.098	3.3	17.5
8 19	20 40.34	−17 41.7	1.110	2.095	8.8	17.8
8 29	20 34.50	−18 10.9	1.155	2.094	13.7	18.1
9 8	20 31.60	−18 28.8	1.218	2.093	18.0	18.4
257559 1998 TL_{19}			8 3.0	270°.85	6°.2/ 7.9	18
6 30	21 13.69	+ 2 53.8	2.471	3.257	13.0	20.5
7 10	21 9.26	+ 3 20.1	2.380	3.247	11.0	20.3
7 20	21 3.34	+ 3 30.6	2.311	3.237	8.7	20.2
7 30	20 56.36	+ 3 24.2	2.265	3.227	6.9	20.0
8 9	20 48.99	+ 3 1.7	2.246	3.217	6.2	20.0
8 19	20 41.89	+ 2 25.1	2.253	3.207	7.2	20.0
8 29	20 35.77	+ 1 38.1	2.286	3.197	9.3	20.1
9 8	20 31.19	+ 0 45.2	2.343	3.186	11.6	20.3
440914 2006 VJ_{85}			8 3.1	298°.24	3°.9/31.1	16
6 30	21 16.58	−25 35.6	1.942	2.825	12.3	21.4
7 10	21 11.97	−26 34.2	1.865	2.813	9.2	21.2
7 20	21 5.22	−27 34.8	1.812	2.800	6.0	21.0
7 30	20 56.96	−28 31.2	1.784	2.788	4.0	20.8
8 9	20 48.12	−29 17.4	1.783	2.775	5.4	20.9
8 19	20 39.75	−29 49.1	1.808	2.763	8.6	21.1
8 29	20 32.86	−30 4.3	1.858	2.751	12.0	21.3
9 8	20 28.23	−30 3.4	1.928	2.739	14.9	21.4
14317 Antonov			8 3.1	344°.92	1°.8/ 2.4	18
6 30	21 18.35	−21 18.5	1.174	2.076	17.3	17.0
7 10	21 14.17	−21 14.6	1.108	2.066	12.9	16.8
7 20	21 6.91	−21 14.3	1.062	2.058	7.9	16.5
7 30	20 57.50	−21 12.9	1.037	2.050	2.7	16.1
8 9	20 47.39	−21 5.4	1.036	2.044	4.3	16.2
8 19	20 38.18	−20 48.8	1.057	2.038	9.7	16.5
8 29	20 31.34	−20 22.2	1.100	2.034	14.7	16.8
9 8	20 27.77	−19 46.5	1.161	2.031	19.0	17.0
41009 1999 UG_{15}			8 3.1	120°.65	6°.8/ 9.9	18
6 30	21 13.71	+ 7 37.3	2.634	3.387	13.1	19.4
7 10	21 9.09	+ 7 52.5	2.561	3.398	11.2	19.3
7 20	21 3.12	+ 7 49.7	2.508	3.408	9.3	19.2
7 30	20 56.29	+ 7 28.1	2.479	3.419	7.6	19.1
8 9	20 49.18	+ 6 48.9	2.476	3.429	6.8	19.1
8 19	20 42.44	+ 5 54.9	2.499	3.439	7.3	19.1
8 29	20 36.67	+ 4 50.1	2.548	3.448	8.9	19.2
9 8	20 32.36	+ 3 39.5	2.621	3.457	10.7	19.4
479723 2014 DO_{133}			8 3.1	319°.01	1°.7/ 1.9	18
6 30	21 18.06	−20 32.9	1.878	2.755	13.0	21.1
7 10	21 12.91	−21 0.7	1.808	2.754	9.6	20.9
7 20	21 5.69	−21 32.9	1.761	2.753	5.8	20.7
7 30	20 57.08	−22 4.8	1.740	2.752	2.1	20.4
8 9	20 48.03	−22 31.9	1.746	2.751	3.5	20.5
8 19	20 39.57	−22 50.7	1.779	2.751	7.3	20.8
8 29	20 32.66	−22 59.3	1.837	2.750	11.0	21.0
9 8	20 27.97	−22 57.3	1.916	2.749	14.2	21.2
510927 2013 EU_{43}			8 3.1	89°.90	3°.2/31.9	18
6 30	21 19.43	−26 35.2	2.264	3.137	11.2	21.6
7 10	21 13.54	−26 59.4	2.205	3.147	8.3	21.4
7 20	21 5.87	−27 22.0	2.170	3.157	5.3	21.2
7 30	20 57.10	−27 38.9	2.162	3.167	3.2	21.1
8 9	20 48.09	−27 46.7	2.182	3.176	4.3	21.2
8 19	20 39.71	−27 43.7	2.229	3.186	7.1	21.4
8 29	20 32.76	−27 29.4	2.302	3.196	9.9	21.6
9 8	20 27.80	−27 5.0	2.398	3.205	12.5	21.8
430989 2005 WX_{172}			8 3.1	200°.68	0°.9/ 2.5	17
6 30	21 18.85	−17 42.6	1.856	2.728	13.4	22.1
7 10	21 13.55	−18 18.0	1.783	2.726	9.9	21.9
7 20	21 6.12	−19 0.8	1.733	2.724	5.9	21.6
7 30	20 57.23	−19 46.5	1.708	2.721	1.8	21.4
8 9	20 47.84	−20 29.7	1.711	2.718	3.0	21.4
8 19	20 38.99	−21 6.3	1.741	2.715	7.2	21.7
8 29	20 31.68	−21 33.1	1.796	2.712	11.1	21.9
9 8	20 26.62	−21 48.9	1.873	2.708	14.4	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390170 2012 VY_{106}			8 3.1	37°.16	0°.6/ 3.4	18
	h m	° ′			°	m
6 30	21 17.22	−14 31.9	1.802	2.671	13.8	20.9
7 10	21 12.32	−14 47.3	1.732	2.672	10.3	20.7
7 20	21 5.36	−15 11.9	1.685	2.673	6.3	20.5
7 30	20 57.02	−15 42.5	1.662	2.675	2.1	20.2
8 9	20 48.26	−16 14.9	1.667	2.676	2.5	20.2
8 19	20 40.06	−16 45.2	1.698	2.678	6.8	20.5
8 29	20 33.40	−17 10.0	1.754	2.680	10.7	20.7
9 8	20 28.94	−17 27.3	1.833	2.681	14.1	21.0
208656 2002 FG_{13}			8 3.1	70°.65	3°.0/ 4.9	18
6 30	21 17.48	− 7 44.7	1.364	2.229	17.6	19.8
7 10	21 12.97	− 8 8.4	1.303	2.236	13.6	19.6
7 20	21 5.95	− 8 52.0	1.261	2.243	9.0	19.4
7 30	20 57.22	− 9 52.3	1.243	2.250	4.4	19.1
8 9	20 47.97	−11 3.0	1.249	2.257	3.8	19.1
8 19	20 39.47	−12 16.7	1.280	2.264	8.0	19.4
8 29	20 32.89	−13 26.3	1.335	2.271	12.5	19.7
9 8	20 29.01	−14 26.3	1.410	2.278	16.4	19.9
351898 2006 SE_{242}			8 3.1	209°.91	1°.5/ 2.0	18 R
6 30	21 17.03	−19 48.0	2.070	2.944	12.1	21.8
7 10	21 12.01	−20 21.6	1.998	2.943	8.9	21.5
7 20	21 5.11	−20 59.9	1.950	2.942	5.3	21.3
7 30	20 56.94	−21 38.8	1.928	2.940	1.9	21.1
8 9	20 48.37	−22 13.8	1.934	2.939	3.1	21.2
8 19	20 40.30	−22 41.3	1.967	2.938	6.8	21.4
8 29	20 33.59	−22 59.2	2.025	2.937	10.2	21.6
9 8	20 28.90	−23 6.7	2.106	2.935	13.2	21.8
512483 2016 QO_{77}			8 3.1	328°.53	0°.8/ 3.3	18
6 30	21 22.75	−18 53.3	1.335	2.220	16.7	20.1
7 10	21 17.29	−17 57.8	1.252	2.200	12.7	19.7
7 20	21 8.80	−17 2.8	1.189	2.180	7.9	19.4
7 30	20 58.12	−16 7.1	1.149	2.162	2.6	19.1
8 9	20 46.61	−15 9.7	1.134	2.144	3.4	19.1
8 19	20 35.79	−14 11.2	1.145	2.127	8.9	19.3
8 29	20 27.15	−13 12.6	1.178	2.112	14.0	19.6
9 8	20 21.67	−12 14.9	1.232	2.097	18.5	19.8
395252 2010 OJ_{118}			8 3.1	344°.48	4°.0/31.2	18
6 30	21 14.00	−24 29.7	1.674	2.568	13.4	19.7
7 10	21 10.30	−25 34.4	1.606	2.559	10.0	19.5
7 20	21 4.33	−26 42.6	1.560	2.551	6.4	19.3
7 30	20 56.76	−27 47.2	1.538	2.544	4.1	19.1
8 9	20 48.62	−28 41.4	1.543	2.537	5.7	19.2
8 19	20 41.05	−29 19.9	1.572	2.532	9.2	19.4
8 29	20 35.12	−29 40.2	1.624	2.527	12.8	19.6
9 8	20 31.63	−29 42.7	1.696	2.523	16.0	19.8
437623 2014 BY_{25}			8 3.1	43°.31	1°.2/ 3.7	18
6 30	21 17.96	−13 39.2	1.667	2.537	14.7	20.9
7 10	21 12.95	−13 42.9	1.602	2.541	11.1	20.6
7 20	21 5.77	−13 56.7	1.558	2.546	6.9	20.4
7 30	20 57.15	−14 17.6	1.539	2.551	2.5	20.1
8 9	20 48.12	−14 41.9	1.546	2.556	2.7	20.2
8 19	20 39.74	−15 5.7	1.580	2.561	7.1	20.5
8 29	20 33.03	−15 25.7	1.638	2.566	11.1	20.7
9 8	20 28.68	−15 39.6	1.717	2.572	14.6	20.9
149356 2002 XR_{28}			8 3.1	251°.44	0°.7/ 3.5	18
6 30	21 19.31	−14 3.7	1.762	2.627	14.2	21.3
7 10	21 14.09	−14 19.6	1.676	2.614	10.8	21.1
7 20	21 6.59	−14 46.0	1.613	2.601	6.7	20.8
7 30	20 57.44	−15 19.5	1.574	2.587	2.2	20.5
8 9	20 47.63	−15 55.9	1.563	2.572	2.7	20.5
8 19	20 38.25	−16 30.7	1.578	2.557	7.3	20.8
8 29	20 30.42	−17 0.2	1.618	2.542	11.5	21.0
9 8	20 24.95	−17 21.8	1.680	2.527	15.2	21.2
261878 2006 GR_{49}			8 3.1	85°.70	1°.4/ 2.2	17
6 30	21 19.79	−16 57.0	1.323	2.210	16.7	20.2
7 10	21 14.80	−17 55.2	1.269	2.220	12.3	20.0
7 20	21 7.09	−19 4.6	1.236	2.230	7.3	19.7
7 30	20 57.57	−20 17.9	1.227	2.240	2.3	19.5
8 9	20 47.54	−21 26.7	1.243	2.250	3.9	19.6
8 19	20 38.40	−22 23.8	1.283	2.260	9.0	19.9
8 29	20 31.41	−23 5.2	1.347	2.270	13.5	20.2
9 8	20 27.35	−23 29.8	1.430	2.279	17.3	20.5
390437 2013 YV_{62}			8 3.1	196°.95	0°.3/ 3.3	18
6 30	21 17.68	−14 13.1	2.199	3.057	12.1	21.6
7 10	21 12.40	−14 47.2	2.120	3.054	9.0	21.4
7 20	21 5.33	−15 30.2	2.064	3.051	5.5	21.1
7 30	20 57.02	−16 18.7	2.035	3.047	1.7	20.9
8 9	20 48.28	−17 8.4	2.034	3.043	2.3	20.9
8 19	20 39.94	−17 55.1	2.062	3.039	6.1	21.2
8 29	20 32.84	−18 35.7	2.116	3.033	9.6	21.4
9 8	20 27.62	−19 7.7	2.194	3.028	12.6	21.6

234316 2001 BX_{51} 8 3.1 222°.43 4°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.68	− 0 55.9	2.224	3.034	13.6	20.4
7 10	21 10.92	− 1 9.7	2.134	3.026	11.0	20.2
7 20	21 4.46	− 1 41.1	2.065	3.017	8.2	20.0
7 30	20 56.79	− 2 29.5	2.021	3.008	5.6	19.9
8 9	20 48.63	− 3 32.1	2.004	2.998	4.7	19.8
8 19	20 40.79	− 4 44.8	2.015	2.988	6.6	19.9
8 29	20 34.06	− 6 2.1	2.054	2.977	9.5	20.1
9 8	20 29.09	− 7 18.7	2.116	2.966	12.4	20.2

356434 2010 VO_{204} 8 3.1 34°.69 5°.5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.12	− 0 52.9	2.040	2.858	14.4	20.3
7 10	21 9.76	− 0 33.0	1.970	2.864	11.7	20.2
7 20	21 3.71	− 0 29.9	1.921	2.871	8.8	20.0
7 30	20 56.54	− 0 43.8	1.896	2.877	6.4	19.9
8 9	20 49.03	− 1 13.0	1.896	2.884	5.6	19.8
8 19	20 41.99	− 1 54.1	1.923	2.891	7.2	20.0
8 29	20 36.18	− 2 42.7	1.975	2.899	9.8	20.1
9 8	20 32.20	− 3 33.8	2.050	2.906	12.5	20.3

62348 2000 SB_{142} 8 3.1 271°.02 3°.5/ 5.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.21	− 7 2.8	2.218	3.054	12.8	18.8
7 10	21 11.29	− 6 44.5	2.131	3.045	10.0	18.6
7 20	21 4.66	− 6 37.4	2.067	3.036	7.0	18.4
7 30	20 56.84	− 6 41.1	2.028	3.026	4.2	18.2
8 9	20 48.59	− 6 54.0	2.016	3.017	3.8	18.2
8 19	20 40.69	− 7 13.7	2.031	3.007	6.2	18.3
8 29	20 33.95	− 7 37.2	2.073	2.997	9.4	18.5
9 8	20 28.99	− 8 1.3	2.138	2.988	12.3	18.7

484543 2008 GV_9 8 3.1 353°.78 8°.9/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.25	+ 8 2.5	1.974	2.748	16.3	20.7
7 10	21 8.54	+ 8 35.2	1.896	2.745	14.1	20.6
7 20	21 3.07	+ 8 44.9	1.837	2.743	11.8	20.4
7 30	20 56.39	+ 8 29.5	1.799	2.741	9.8	20.3
8 9	20 49.26	+ 7 49.5	1.785	2.739	8.9	20.2
8 19	20 42.53	+ 6 48.1	1.795	2.738	9.5	20.3
8 29	20 37.03	+ 5 30.7	1.828	2.738	11.3	20.4
9 8	20 33.38	+ 4 4.8	1.885	2.738	13.5	20.5

448588 2010 TR_{71} 8 3.1 62°.17 5°.2/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.75	− 0 11.4	2.188	2.998	13.8	21.4
7 10	21 9.42	− 0 6.0	2.113	3.002	11.2	21.2
7 20	21 3.49	− 0 17.6	2.059	3.007	8.5	21.0
7 30	20 56.49	− 0 46.0	2.030	3.011	6.1	20.9
8 9	20 49.15	− 1 28.9	2.027	3.015	5.3	20.9
8 19	20 42.22	− 2 22.9	2.051	3.020	6.8	21.0
8 29	20 36.43	− 3 23.1	2.100	3.024	9.3	21.1
9 8	20 32.35	− 4 24.8	2.174	3.028	11.9	21.3

180298 2003 WG_{129} 8 3.1 189°.92 1°.2/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.50	−12 47.3	1.736	2.596	14.6	21.1
7 10	21 14.86	−13 0.7	1.661	2.596	11.1	20.9
7 20	21 6.98	−13 25.2	1.609	2.595	6.9	20.6
7 30	20 57.56	−13 57.7	1.582	2.593	2.6	20.3
8 9	20 47.61	−14 34.0	1.582	2.591	2.7	20.4
8 19	20 38.23	−15 9.6	1.609	2.589	7.1	20.6
8 29	20 30.48	−15 40.8	1.661	2.586	11.2	20.9
9 8	20 25.12	−16 5.0	1.735	2.582	14.8	21.1

510753 2012 XW_{62} 8 3.1 190°.88 1°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.06	−19 57.0	2.327	3.195	11.1	21.5
7 10	21 11.92	−20 52.3	2.252	3.194	8.2	21.4
7 20	21 5.03	−21 52.6	2.202	3.193	4.9	21.2
7 30	20 56.96	−22 53.4	2.180	3.191	2.0	20.9
8 9	20 48.47	−23 49.7	2.186	3.188	3.3	21.0
8 19	20 40.38	−24 37.6	2.220	3.186	6.5	21.2
8 29	20 33.49	−25 14.3	2.281	3.182	9.7	21.4
9 8	20 28.43	−25 38.9	2.364	3.179	12.4	21.6

186530 2002 VX_{78} 8 3.1 306°.75 0°.6/ 3.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.05	−13 26.1	1.397	2.279	16.3	19.8
7 10	21 12.18	−13 55.4	1.318	2.265	12.3	19.5
7 20	21 5.68	−14 39.6	1.259	2.250	7.7	19.2
7 30	20 57.24	−15 34.8	1.223	2.236	2.5	18.9
8 9	20 48.00	−16 34.5	1.212	2.222	3.1	18.9
8 19	20 39.27	−17 31.9	1.225	2.208	8.4	19.1
8 29	20 32.36	−18 21.2	1.262	2.195	13.3	19.4
9 8	20 28.22	−18 58.4	1.318	2.183	17.5	19.6

198601 2005 AE_{11} 8 3.1 268°.17 1°.9/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.33	−11 29.2	1.965	2.819	13.5	20.6
7 10	21 13.20	−11 29.8	1.870	2.799	10.3	20.4
7 20	21 6.01	−11 40.8	1.796	2.779	6.7	20.1
7 30	20 57.30	−12 0.6	1.749	2.758	3.0	19.8
8 9	20 47.94	−12 26.2	1.729	2.737	2.8	19.8
8 19	20 38.89	−12 54.2	1.735	2.715	6.7	20.0
8 29	20 31.17	−13 21.0	1.768	2.693	10.6	20.2
9 8	20 25.53	−13 43.8	1.823	2.671	14.2	20.3

165628 2001 FT_{146} 8 3.1 74°.69 5°.2/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.97	− 2 29.6	1.814	2.642	15.5	20.0
7 10	21 11.97	− 2 14.7	1.753	2.656	12.4	19.8
7 20	21 5.08	− 2 17.5	1.713	2.671	9.1	19.6
7 30	20 56.97	− 2 37.7	1.697	2.686	6.2	19.5
8 9	20 48.54	− 3 12.6	1.707	2.701	5.3	19.5
8 19	20 40.72	− 3 58.2	1.743	2.715	7.4	19.6
8 29	20 34.38	− 4 49.3	1.804	2.730	10.4	19.8
9 8	20 30.12	− 5 40.8	1.887	2.745	13.3	20.0

374817 2006 UT_{119} 8 3.1 272°.84 2°.3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.24	−20 45.5	1.579	2.462	14.7	21.8
7 10	21 15.18	−21 24.8	1.495	2.444	11.0	21.5
7 20	21 7.46	−22 10.8	1.433	2.426	6.7	21.2
7 30	20 57.78	−22 57.6	1.396	2.407	2.7	20.9
8 9	20 47.26	−23 38.6	1.384	2.388	4.4	21.0
8 19	20 37.22	−24 8.4	1.398	2.369	9.0	21.2
8 29	20 28.98	−24 24.0	1.435	2.350	13.4	21.4
9 8	20 23.50	−24 24.9	1.493	2.331	17.3	21.6

477543 2010 FS_{20} 8 3.1 93°.64 4°.1/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.39	−26 49.3	1.818	2.699	13.1	21.5
7 10	21 14.76	−27 32.7	1.758	2.704	9.8	21.3
7 20	21 6.87	−28 15.2	1.721	2.708	6.4	21.1
7 30	20 57.51	−28 50.8	1.709	2.712	4.2	21.0
8 9	20 47.75	−29 14.1	1.724	2.716	5.5	21.1
8 19	20 38.72	−29 22.3	1.765	2.720	8.7	21.3
8 29	20 31.45	−29 14.7	1.830	2.724	12.0	21.5
9 8	20 26.63	−28 53.2	1.915	2.729	15.0	21.7

227319 2005 TF_{88} 8 3.1 356°.85 3°.5/ 1.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.53	−21 8.9	0.955	1.877	18.4	19.9
7 10	21 8.81	−21 56.4	0.901	1.870	13.6	19.6
7 20	21 3.90	−22 53.0	0.865	1.864	8.3	19.3
7 30	20 56.73	−23 49.8	0.849	1.861	3.8	19.0
8 9	20 48.85	−24 37.0	0.854	1.859	5.9	19.2
8 19	20 41.92	−25 7.3	0.879	1.860	11.2	19.5
8 29	20 37.49	−25 17.1	0.924	1.862	16.3	19.8
9 8	20 36.46	−25 6.5	0.985	1.867	20.7	20.0

168103 2006 DS_{212} 8 3.1 8°.30 22°.4/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.98	−56 58.5	0.981	1.834	23.8	18.8
7 10	21 30.90	−59 46.4	0.962	1.834	22.8	18.7
7 20	21 18.73	−61 55.5	0.958	1.834	22.4	18.7
7 30	21 1.26	−63 6.1	0.969	1.835	22.9	18.7
8 9	20 42.56	−63 8.2	0.993	1.836	24.1	18.8
8 19	20 27.12	−62 4.9	1.030	1.838	25.6	19.0
8 29	20 17.93	−60 8.9	1.078	1.840	27.2	19.1
9 8	20 15.57	−57 36.4	1.137	1.843	28.8	19.3

187498 2006 SQ_{326} 8 3.1 230°.33 2°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.86	−20 26.6	1.793	2.668	13.6	21.1
7 10	21 15.27	−21 8.4	1.714	2.658	10.1	20.8
7 20	21 7.32	−21 56.0	1.657	2.648	6.1	20.6
7 30	20 57.70	−22 44.0	1.626	2.637	2.4	20.3
8 9	20 47.44	−23 26.6	1.622	2.626	3.9	20.4
8 19	20 37.68	−23 59.0	1.645	2.615	8.0	20.6
8 29	20 29.56	−24 18.6	1.693	2.602	12.0	20.8
9 8	20 23.89	−24 25.0	1.762	2.590	15.5	21.0

60023 1999 TC_{45} 8 3.1 26°.00 6°.7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.30	+ 0 36.2	1.715	2.538	16.4	18.5
7 10	21 9.40	+ 0 58.8	1.654	2.549	13.5	18.3
7 20	21 3.60	+ 1 0.6	1.613	2.560	10.4	18.1
7 30	20 56.56	+ 0 40.9	1.594	2.572	7.7	18.0
8 9	20 49.17	+ 0 2.1	1.599	2.585	6.7	18.0
8 19	20 42.36	− 0 51.5	1.629	2.598	8.1	18.1
8 29	20 37.00	− 1 53.9	1.684	2.612	10.9	18.3
9 8	20 33.71	− 2 58.6	1.760	2.627	13.7	18.5

365188 2009 FS_{27} 8 3.1 50°.49 2°.0/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.84	− 9 27.9	1.230	2.108	18.3	20.7
7 10	21 12.69	−10 8.1	1.176	2.118	13.9	20.5
7 20	21 5.88	−11 8.5	1.141	2.128	8.9	20.2
7 30	20 57.27	−12 24.3	1.129	2.139	3.7	20.0
8 9	20 48.16	−13 47.1	1.140	2.150	3.3	20.0
8 19	20 39.91	−15 8.4	1.177	2.162	8.3	20.3
8 29	20 33.75	−16 20.6	1.236	2.173	13.1	20.6
9 8	20 30.48	−17 18.9	1.315	2.185	17.2	20.9

183300 2002 UH_{19} 8 3.1 323°.70 2°.2/ 4.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.22	−11 47.0	1.256	2.142	17.5	19.8
7 10	21 11.77	−11 48.3	1.179	2.125	13.5	19.5
7 20	21 5.54	−12 5.3	1.121	2.110	8.7	19.2
7 30	20 57.25	−12 35.9	1.084	2.095	3.7	18.8
8 9	20 48.09	−13 15.1	1.071	2.081	3.5	18.8
8 19	20 39.50	−13 57.1	1.081	2.067	8.7	19.0
8 29	20 32.87	−14 36.0	1.113	2.055	13.9	19.3
9 8	20 29.21	−15 7.2	1.164	2.043	18.4	19.5

342759 2008 WD_{85} 8 3.1 240°.60 5°.0/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.99	−28 19.8	2.090	2.968	11.8	21.0
7 10	21 13.79	−29 45.1	2.015	2.957	9.0	20.8
7 20	21 6.41	−31 11.3	1.964	2.945	6.3	20.6
7 30	20 57.45	−32 30.9	1.940	2.933	5.0	20.5
8 9	20 47.84	−33 37.2	1.943	2.920	6.4	20.6
8 19	20 38.63	−34 25.3	1.972	2.908	9.3	20.7
8 29	20 30.86	−34 53.3	2.026	2.895	12.2	20.9
9 8	20 25.34	−35 2.2	2.101	2.881	14.9	21.0

80994 2000 ES_{27} 8 3.1 245°.99 3°.8/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.63	−23 24.6	1.625	2.510	14.2	19.7
7 10	21 14.60	−24 30.9	1.554	2.504	10.6	19.4
7 20	21 7.02	−25 42.0	1.506	2.497	6.7	19.2
7 30	20 57.64	−26 50.3	1.483	2.490	3.9	19.0
8 9	20 47.58	−27 48.2	1.485	2.482	5.5	19.1
8 19	20 38.12	−28 30.1	1.514	2.475	9.4	19.3
8 29	20 30.47	−28 53.3	1.566	2.467	13.3	19.5
9 8	20 25.51	−28 58.3	1.638	2.459	16.7	19.7

383292 2006 EO_{21} 8 3.1 221°.90 1°.0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.83	−12 13.1	2.161	3.013	12.5	22.6
7 10	21 12.61	−12 41.2	2.074	3.004	9.4	22.4
7 20	21 5.54	−13 19.8	2.010	2.994	5.9	22.2
7 30	20 57.16	−14 6.0	1.973	2.984	2.2	21.9
8 9	20 48.28	−14 55.9	1.964	2.973	2.3	21.9
8 19	20 39.74	−15 45.1	1.983	2.961	6.1	22.1
8 29	20 32.43	−16 30.0	2.029	2.949	9.7	22.3
9 8	20 27.02	−17 7.6	2.098	2.937	12.9	22.5

165966 2001 XP_{190} 8 3.1 209°.41 3°.3/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.45	− 8 49.0	1.527	2.383	16.5	20.9
7 10	21 15.11	− 8 42.8	1.452	2.381	12.8	20.6
7 20	21 7.28	− 8 51.8	1.399	2.378	8.6	20.4
7 30	20 57.71	− 9 14.7	1.369	2.374	4.5	20.2
8 9	20 47.52	− 9 47.8	1.364	2.370	3.9	20.1
8 19	20 37.93	−10 26.5	1.385	2.366	7.9	20.3
8 29	20 30.13	−11 5.7	1.431	2.362	12.2	20.6
9 8	20 24.96	−11 41.2	1.498	2.357	16.1	20.8

483274 2015 TR_{215} 8 3.1 273°.29 0°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.02	−15 30.5	2.405	3.267	11.1	22.3
7 10	21 10.38	−15 50.2	2.317	3.254	8.3	22.1
7 20	21 4.12	−16 16.6	2.253	3.241	5.0	21.8
7 30	20 56.74	−16 47.3	2.215	3.228	1.5	21.6
8 9	20 48.93	−17 18.8	2.205	3.215	2.1	21.6
8 19	20 41.44	−17 48.2	2.224	3.201	5.6	21.8
8 29	20 35.03	−18 12.7	2.269	3.188	8.9	22.0
9 8	20 30.29	−18 30.6	2.338	3.175	11.8	22.2

342109 2008 SA_{80} 8 3.1 268°.19 1°.4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.59	−12 25.2	1.766	2.630	14.3	21.3
7 10	21 12.76	−12 35.7	1.686	2.622	10.8	21.1
7 20	21 5.77	−12 57.6	1.628	2.614	6.9	20.9
7 30	20 57.26	−13 28.2	1.595	2.605	2.7	20.6
8 9	20 48.18	−14 3.6	1.588	2.597	2.7	20.6
8 19	20 39.58	−14 39.4	1.607	2.588	7.0	20.8
8 29	20 32.49	−15 11.7	1.652	2.580	11.1	21.0
9 8	20 27.67	−15 37.6	1.718	2.571	14.7	21.2

99715 2002 JY_{41} 8 3.1 117°.05 1°.0/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.62	−19 9.6	2.435	3.301	10.8	19.9
7 10	21 11.40	−19 35.4	2.370	3.310	7.9	19.7
7 20	21 4.63	−20 5.1	2.329	3.319	4.7	19.5
7 30	20 56.86	−20 35.3	2.316	3.328	1.5	19.3
8 9	20 48.83	−21 2.6	2.331	3.337	2.5	19.4
8 19	20 41.27	−21 24.5	2.374	3.346	5.7	19.7
8 29	20 34.89	−21 39.1	2.443	3.354	8.8	19.9
9 8	20 30.22	−21 45.6	2.537	3.362	11.4	20.1

226184 2002 TW_{195} 8 3.1 325°.80 5°.0/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.80	− 6 14.0	1.287	2.156	18.3	19.9
7 10	21 11.35	− 5 58.0	1.211	2.143	14.5	19.6
7 20	21 5.24	− 6 2.1	1.153	2.130	10.2	19.3
7 30	20 57.17	− 6 26.4	1.116	2.118	6.2	19.0
8 9	20 48.31	− 7 7.9	1.103	2.107	5.3	19.0
8 19	20 39.99	− 8 0.9	1.112	2.096	8.9	19.1
8 29	20 33.53	− 8 58.6	1.144	2.086	13.5	19.4
9 8	20 29.92	− 9 53.8	1.196	2.077	17.8	19.6

386417 2008 UC_{345} 8 3.1 83°.91 1°.6/ 4.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.06	−12 14.6	1.780	2.642	14.3	21.3
7 10	21 12.96	−12 19.2	1.712	2.647	10.8	21.1
7 20	21 5.80	−12 34.5	1.666	2.651	6.8	20.8
7 30	20 57.27	−12 58.0	1.645	2.655	2.8	20.6
8 9	20 48.34	−13 26.0	1.651	2.660	2.7	20.6
8 19	20 40.00	−13 54.8	1.683	2.664	6.7	20.9
8 29	20 33.21	−14 20.9	1.740	2.668	10.6	21.1
9 8	20 28.63	−14 41.6	1.820	2.673	14.0	21.3

318447 2005 CX_{71} 8 3.1 303°.67 0°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.58	−15 22.5	1.775	2.650	13.7	20.3
7 10	21 11.30	−16 16.2	1.701	2.645	10.2	20.0
7 20	21 4.91	−17 21.2	1.649	2.640	6.1	19.8
7 30	20 57.04	−18 32.3	1.623	2.636	1.8	19.5
8 9	20 48.63	−19 43.2	1.623	2.631	2.9	19.6
8 19	20 40.69	−20 48.0	1.650	2.627	7.3	19.8
8 29	20 34.23	−21 41.9	1.702	2.623	11.3	20.0
9 8	20 29.99	−22 22.5	1.776	2.618	14.7	20.3

442588 2012 BK_{152} 8 3.1 278°.20 0°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.96	−14 24.5	2.287	3.150	11.5	20.7
7 10	21 9.69	−15 8.5	2.204	3.142	8.6	20.5
7 20	21 3.76	−16 1.7	2.145	3.133	5.2	20.3
7 30	20 56.68	−17 0.6	2.112	3.125	1.5	20.0
8 9	20 49.17	−18 0.7	2.108	3.117	2.2	20.0
8 19	20 41.98	−18 57.7	2.131	3.108	5.9	20.3
8 29	20 35.90	−19 47.8	2.181	3.100	9.2	20.5
9 8	20 31.54	−20 28.7	2.255	3.092	12.2	20.6

117673 2005 EB_{214} 8 3.1 55°.63 0°.2/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.14	−17 29.8	1.262	2.149	17.4	19.0
7 10	21 16.51	−17 33.0	1.214	2.163	12.9	18.8
7 20	21 8.11	−17 44.3	1.185	2.178	7.7	18.5
7 30	20 57.96	−17 59.1	1.180	2.193	2.2	18.2
8 9	20 47.48	−18 12.3	1.199	2.208	3.3	18.3
8 19	20 38.10	−18 20.4	1.242	2.224	8.5	18.7
8 29	20 31.03	−18 20.9	1.309	2.239	13.2	19.0
9 8	20 26.98	−18 13.3	1.395	2.255	17.0	19.3

156966 2003 HH_{32} 8 3.1 99°.89 7°.2/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.49	−33 36.0	1.766	2.643	13.7	20.7
7 10	21 17.24	−35 4.4	1.725	2.660	10.7	20.6
7 20	21 8.47	−36 25.8	1.708	2.677	8.2	20.5
7 30	20 58.07	−37 31.4	1.716	2.694	7.2	20.5
8 9	20 47.31	−38 14.7	1.750	2.711	8.5	20.6
8 19	20 37.47	−38 33.1	1.808	2.727	11.0	20.7
8 29	20 29.68	−38 27.7	1.889	2.742	13.6	21.0
9 8	20 24.66	−38 2.3	1.989	2.758	16.0	21.2

489531 2007 RG_{81} 8 3.1 354°.98 10°.8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.79	+ 0 23.2	1.054	1.921	21.5	19.9
7 10	21 7.15	+ 1 53.8	0.991	1.910	18.2	19.6
7 20	21 2.80	+ 2 59.0	0.945	1.901	14.8	19.4
7 30	20 56.50	+ 3 33.1	0.916	1.894	11.9	19.2
8 9	20 49.47	+ 3 34.1	0.907	1.890	10.8	19.2
8 19	20 43.12	+ 3 4.7	0.917	1.888	12.4	19.2
8 29	20 38.79	+ 2 12.2	0.946	1.889	15.6	19.4
9 8	20 37.42	+ 1 7.3	0.993	1.892	19.1	19.6

99363 2001 XJ_{198} 8 3.1 320°.97 0°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.60	−14 42.1	1.209	2.101	17.6	19.0
7 10	21 12.90	−15 23.6	1.140	2.093	13.2	18.8
7 20	21 6.29	−16 21.2	1.091	2.085	8.1	18.4
7 30	20 57.54	−17 28.9	1.064	2.077	2.4	18.1
8 9	20 47.98	−18 38.5	1.060	2.070	3.6	18.1
8 19	20 39.09	−19 41.6	1.080	2.063	9.3	18.5
8 29	20 32.33	−20 32.1	1.122	2.056	14.5	18.7
9 8	20 28.69	−21 6.5	1.182	2.050	18.9	19.0

418000 2007 TY_{400} 8 3.1 237°.59 3°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.73	− 8 5.7	1.706	2.555	15.4	21.8
7 10	21 14.50	− 8 10.7	1.619	2.543	12.0	21.6
7 20	21 6.95	− 8 31.1	1.554	2.530	8.1	21.3
7 30	20 57.70	− 9 5.6	1.512	2.517	4.3	21.1
8 9	20 47.74	− 9 50.4	1.497	2.504	3.7	21.0
8 19	20 38.19	−10 40.7	1.509	2.489	7.5	21.2
8 29	20 30.18	−11 31.4	1.546	2.475	11.6	21.4
9 8	20 24.56	−12 17.8	1.605	2.459	15.4	21.6

95526 2002 EA_{72} 8 3.1 8°.25 2°.4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.46	− 9 18.7	1.819	2.679	14.1	19.1
7 10	21 9.55	− 9 28.3	1.750	2.681	10.8	18.9
7 20	21 3.76	− 9 51.4	1.702	2.683	7.1	18.7
7 30	20 56.71	−10 25.7	1.678	2.685	3.5	18.5
8 9	20 49.26	−11 7.6	1.681	2.688	3.0	18.5
8 19	20 42.31	−11 52.8	1.709	2.692	6.5	18.7
8 29	20 36.75	−12 36.6	1.763	2.696	10.2	18.9
9 8	20 33.20	−13 15.5	1.839	2.701	13.4	19.2

292984 2006 VK_{168} 8 3.1 266°.01 0°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.88	−15 34.0	1.661	2.532	14.7	21.2
7 10	21 14.77	−15 51.5	1.574	2.516	11.1	21.0
7 20	21 7.19	−16 18.7	1.508	2.498	6.8	20.7
7 30	20 57.81	−16 52.1	1.468	2.481	2.1	20.3
8 9	20 47.66	−17 26.8	1.453	2.463	2.9	20.4
8 19	20 37.94	−17 58.2	1.465	2.445	7.7	20.6
8 29	20 29.86	−18 22.5	1.502	2.426	12.2	20.8
9 8	20 24.31	−18 37.7	1.559	2.407	16.1	21.0

176131 2001 FZ_{10} 8 3.1 158°.32 0°.8/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.89	−13 24.6	1.787	2.647	14.3	21.1
7 10	21 15.10	−13 44.8	1.718	2.653	10.7	20.9
7 20	21 7.14	−14 15.3	1.672	2.658	6.7	20.6
7 30	20 57.74	−14 52.8	1.651	2.663	2.3	20.4
8 9	20 47.89	−15 32.7	1.658	2.667	2.6	20.4
8 19	20 38.66	−16 10.5	1.692	2.671	6.9	20.7
8 29	20 31.05	−16 42.8	1.751	2.674	10.9	20.9
9 8	20 25.75	−17 7.1	1.833	2.676	14.3	21.2

238296 2003 WM_{161} 8 3.1 97°.73 1°.9/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.62	−20 25.6	1.977	2.851	12.6	20.7
7 10	21 13.21	−21 9.7	1.920	2.865	9.2	20.5
7 20	21 5.89	−21 58.0	1.888	2.879	5.5	20.3
7 30	20 57.34	−22 45.5	1.881	2.892	2.2	20.1
8 9	20 48.48	−23 27.2	1.902	2.906	3.5	20.2
8 19	20 40.26	−23 59.5	1.950	2.919	7.0	20.5
8 29	20 33.54	−24 20.4	2.024	2.932	10.4	20.7
9 8	20 28.93	−24 29.5	2.120	2.945	13.3	21.0

50340 2000 CH_{62} 8 3.1 143°.29 2°.8/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.94	− 7 49.6	1.992	2.837	13.6	19.1
7 10	21 11.26	− 8 1.6	1.917	2.839	10.6	18.9
7 20	21 4.76	− 8 27.2	1.865	2.841	7.1	18.7
7 30	20 57.03	− 9 4.6	1.838	2.842	3.7	18.5
8 9	20 48.89	− 9 50.2	1.838	2.844	3.2	18.5
8 19	20 41.22	−10 39.9	1.865	2.845	6.3	18.7
8 29	20 34.84	−11 29.2	1.918	2.847	9.7	18.9
9 8	20 30.41	−12 14.3	1.994	2.848	12.9	19.1

148144 1999 VS_{146} 8 3.1 243°.49 0°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.78	−14 19.8	1.734	2.600	14.4	21.9
7 10	21 14.56	−14 44.6	1.650	2.588	10.9	21.6
7 20	21 7.00	−15 20.3	1.587	2.575	6.7	21.4
7 30	20 57.75	−16 3.3	1.550	2.562	2.1	21.0
8 9	20 47.81	−16 48.7	1.539	2.548	2.7	21.1
8 19	20 38.31	−17 31.3	1.555	2.534	7.4	21.3
8 29	20 30.38	−18 7.1	1.596	2.520	11.7	21.5
9 8	20 24.86	−18 33.5	1.659	2.505	15.4	21.7

358351 2006 WX_{92} 8 3.1 221°.16 0°.6/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.94	−13 57.7	2.251	3.110	11.8	21.9
7 10	21 11.13	−14 19.6	2.172	3.107	8.8	21.7
7 20	21 4.64	−14 49.7	2.117	3.103	5.5	21.5
7 30	20 57.01	−15 25.4	2.088	3.100	1.8	21.3
8 9	20 48.97	−16 3.0	2.087	3.096	2.1	21.3
8 19	20 41.33	−16 39.1	2.113	3.092	5.8	21.5
8 29	20 34.87	−17 10.5	2.167	3.088	9.2	21.7
9 8	20 30.19	−17 35.3	2.243	3.084	12.1	21.9

255303 2005 VN_{125} 8 3.1 316°.55 0°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.28	−18 47.1	2.004	2.873	12.6	20.3
7 10	21 13.79	−18 38.5	1.925	2.866	9.4	20.1
7 20	21 6.32	−18 33.5	1.869	2.859	5.7	19.9
7 30	20 57.51	−18 29.4	1.839	2.852	1.7	19.6
8 9	20 48.27	−18 23.8	1.836	2.845	2.5	19.7
8 19	20 39.56	−18 14.5	1.861	2.838	6.6	19.9
8 29	20 32.30	−18 0.4	1.911	2.832	10.3	20.1
9 8	20 27.14	−17 41.2	1.984	2.825	13.5	20.3

70796 1999 VZ_{53} 8 3.1 0°.21 1°.8/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.27	−20 6.4	1.677	2.559	14.0	19.1
7 10	21 13.38	−20 38.3	1.610	2.558	10.4	18.8
7 20	21 6.21	−21 15.7	1.566	2.558	6.2	18.6
7 30	20 57.49	−21 53.5	1.546	2.558	2.3	18.3
8 9	20 48.30	−22 26.3	1.552	2.558	3.7	18.4
8 19	20 39.75	−22 50.0	1.585	2.558	7.9	18.7
8 29	20 32.90	−23 2.3	1.642	2.559	11.8	18.9
9 8	20 28.50	−23 2.8	1.719	2.560	15.2	19.2

199385 2006 BT_{248} 8 3.1 283°.17 0°.1/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.90	−15 6.2	1.698	2.572	14.3	20.9
7 10	21 12.49	−15 43.6	1.614	2.557	10.7	20.7
7 20	21 5.79	−16 32.5	1.551	2.542	6.5	20.4
7 30	20 57.41	−17 28.7	1.514	2.527	1.9	20.0
8 9	20 48.34	−18 26.4	1.503	2.512	2.9	20.1
8 19	20 39.68	−19 19.9	1.518	2.497	7.6	20.3
8 29	20 32.56	−20 4.4	1.558	2.482	11.9	20.6
9 8	20 27.81	−20 37.3	1.619	2.467	15.6	20.8

388224 2006 JE_{12} 8 3.1 317°.79 1°.8/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.50	−18 48.0	1.762	2.643	13.5	20.7
7 10	21 12.03	−19 44.5	1.692	2.640	10.0	20.5
7 20	21 5.40	−20 49.0	1.645	2.637	6.0	20.3
7 30	20 57.27	−21 55.8	1.623	2.635	2.2	20.0
8 9	20 48.60	−22 58.2	1.627	2.632	3.7	20.1
8 19	20 40.46	−23 50.9	1.658	2.630	7.8	20.4
8 29	20 33.87	−24 30.3	1.714	2.628	11.6	20.6
9 8	20 29.57	−24 55.1	1.791	2.626	14.9	20.8

504899 2011 AX_4 8 3.1 227°.49 0°.7/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.13	−16 24.2	1.999	2.862	12.9	22.2
7 10	21 14.59	−17 8.4	1.911	2.849	9.6	22.0
7 20	21 6.93	−18 1.6	1.847	2.836	5.8	21.8
7 30	20 57.74	−18 59.5	1.809	2.822	1.7	21.5
8 9	20 47.90	−19 56.6	1.800	2.808	2.8	21.5
8 19	20 38.43	−20 48.0	1.819	2.792	7.0	21.7
8 29	20 30.33	−21 29.8	1.863	2.776	10.9	22.0
9 8	20 24.39	−22 0.2	1.931	2.759	14.3	22.1

237579 2001 DR_{63} 8 3.1 299°.71 4°.0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.72	− 4 32.4	1.676	2.521	15.8	19.6
7 10	21 11.03	− 4 57.7	1.571	2.490	12.6	19.3
7 20	21 5.03	− 5 44.9	1.486	2.458	8.9	19.0
7 30	20 57.24	− 6 53.5	1.425	2.426	5.2	18.7
8 9	20 48.52	− 8 19.5	1.389	2.394	4.3	18.6
8 19	20 39.94	− 9 56.4	1.380	2.362	7.7	18.7
8 29	20 32.69	−11 36.0	1.395	2.330	12.1	18.9
9 8	20 27.76	−13 10.5	1.433	2.299	16.3	19.1

523264 2017 AW_{23} 8 3.1 271°.74 1°.8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.66	−20 1.0	2.334	3.205	11.0	22.0
7 10	21 11.07	−20 52.7	2.243	3.187	8.1	21.7
7 20	21 4.71	−21 50.3	2.177	3.168	4.9	21.5
7 30	20 57.07	−22 49.3	2.139	3.150	2.0	21.3
8 9	20 48.90	−23 44.9	2.128	3.131	3.3	21.3
8 19	20 41.00	−24 32.8	2.145	3.112	6.6	21.5
8 29	20 34.22	−25 10.0	2.189	3.093	9.9	21.7
9 8	20 29.24	−25 35.1	2.255	3.074	12.8	21.9

31368 1998 WW_{23} 8 3.1 82°.68 4°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.68	−27 35.3	2.063	2.939	12.0	17.1
7 10	21 14.01	−28 59.5	2.022	2.964	9.0	17.0
7 20	21 6.38	−30 21.9	2.007	2.989	6.1	16.9
7 30	20 57.52	−31 35.7	2.018	3.014	4.6	16.8
8 9	20 48.39	−32 35.0	2.057	3.038	5.9	16.9
8 19	20 39.94	−33 16.4	2.123	3.062	8.5	17.1
8 29	20 33.07	−33 39.2	2.213	3.085	11.2	17.4
9 8	20 28.36	−33 45.0	2.324	3.108	13.5	17.6

28529 2000 DQ_{70} 8 3.1 25°.19 3°.9/ 1.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.43	−26 11.4	1.511	2.401	14.8	17.1
7 10	21 15.09	−26 31.4	1.458	2.409	11.1	16.9
7 20	21 7.24	−26 50.1	1.427	2.417	7.0	16.7
7 30	20 57.80	−27 1.6	1.419	2.426	4.0	16.6
8 9	20 48.03	−27 1.3	1.437	2.436	5.3	16.7
8 19	20 39.21	−26 47.0	1.480	2.446	9.1	16.9
8 29	20 32.45	−26 19.1	1.546	2.457	12.8	17.2
9 8	20 28.43	−25 39.7	1.632	2.469	16.1	17.4

145754 1996 HF_{26} 8 3.1 110°.34 1°.2/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.15	−18 16.1	1.781	2.652	13.9	20.5
7 10	21 15.23	−18 57.4	1.726	2.669	10.2	20.3
7 20	21 7.18	−19 45.1	1.695	2.686	6.1	20.1
7 30	20 57.77	−20 33.8	1.689	2.702	1.9	19.8
8 9	20 48.05	−21 18.3	1.711	2.718	3.2	20.0
8 19	20 39.07	−21 54.1	1.760	2.733	7.3	20.2
8 29	20 31.80	−22 19.0	1.834	2.748	11.0	20.5
9 8	20 26.87	−22 32.2	1.930	2.762	14.1	20.7

262765 2006 XN_{69} 8 3.1 66°.31 6°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.95	−34 9.6	2.039	2.916	12.1	20.0
7 10	21 13.72	−35 44.4	1.998	2.931	9.6	19.9
7 20	21 6.34	−37 12.8	1.981	2.947	7.5	19.8
7 30	20 57.54	−38 27.2	1.990	2.962	6.9	19.8
8 9	20 48.36	−39 21.5	2.025	2.978	8.0	19.9
8 19	20 39.87	−39 53.1	2.085	2.994	10.2	20.0
8 29	20 33.04	−40 2.1	2.168	3.010	12.5	20.2
9 8	20 28.56	−39 51.2	2.270	3.026	14.6	20.4

330676 2008 HV_5 8 3.1 110°.85 0°.7/ 3.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.06	−13 11.5	1.666	2.531	15.0	22.0
7 10	21 14.54	−13 40.8	1.607	2.544	11.2	21.8
7 20	21 6.83	−14 21.7	1.569	2.557	6.9	21.5
7 30	20 57.69	−15 9.8	1.557	2.569	2.3	21.3
8 9	20 48.17	−15 59.8	1.572	2.582	2.6	21.3
8 19	20 39.36	−16 46.7	1.614	2.594	7.1	21.6
8 29	20 32.27	−17 26.4	1.680	2.605	11.1	21.9
9 8	20 27.58	−17 56.6	1.769	2.616	14.5	22.1

397123 2005 WN_{16} 8 3.1 332°.12 5°.7/ 6.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.16	− 3 58.1	1.711	2.554	15.6	20.2
7 10	21 10.35	− 3 20.1	1.625	2.538	12.7	19.9
7 20	21 4.45	− 2 57.7	1.560	2.522	9.4	19.7
7 30	20 57.04	− 2 52.2	1.517	2.507	6.5	19.5
8 9	20 49.02	− 3 2.7	1.499	2.493	5.8	19.4
8 19	20 41.38	− 3 26.8	1.505	2.480	8.1	19.5
8 29	20 35.14	− 4 0.0	1.535	2.467	11.5	19.7
9 8	20 31.08	− 4 37.3	1.587	2.455	14.9	19.9

271725 2004 RF_{240} 8 3.1 178°.51 3°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.71	− 4 9.0	2.391	3.215	12.3	21.1
7 10	21 9.38	− 4 23.9	2.310	3.215	9.7	20.9
7 20	21 3.56	− 4 52.8	2.253	3.216	6.9	20.7
7 30	20 56.73	− 5 34.6	2.220	3.216	4.3	20.6
8 9	20 49.55	− 6 26.3	2.216	3.216	3.6	20.5
8 19	20 42.71	− 7 24.3	2.239	3.216	5.7	20.6
8 29	20 36.91	− 8 24.3	2.289	3.215	8.5	20.8
9 8	20 32.69	− 9 22.2	2.364	3.215	11.2	21.0

125606 2001 XS_{50} 8 3.1 54°.53 0°.6/ 3.5 18

6 30	21 19.83	−14 6.0	1.296	2.179	17.3	19.3
7 10	21 15.02	−14 28.1	1.234	2.181	13.0	19.0
7 20	21 7.44	−15 3.6	1.192	2.183	8.0	18.7
7 30	20 57.95	−15 48.0	1.172	2.185	2.6	18.4
8 9	20 47.84	−16 34.9	1.177	2.187	3.2	18.5
8 19	20 38.54	−17 18.1	1.207	2.189	8.5	18.8
8 29	20 31.36	−17 52.7	1.259	2.192	13.4	19.1
9 8	20 27.14	−18 16.2	1.331	2.194	17.5	19.3

240208 2002 RC_{236} 8 3.1 95°.22 2°.3/ 4.9 18

6 30	21 16.31	− 7 55.1	1.971	2.816	13.8	20.4
7 10	21 11.49	− 8 27.9	1.908	2.830	10.5	20.2
7 20	21 4.89	− 9 15.0	1.867	2.844	6.9	20.0
7 30	20 57.12	−10 13.3	1.852	2.858	3.4	19.8
8 9	20 49.03	−11 18.3	1.864	2.871	2.8	19.8
8 19	20 41.47	−12 24.7	1.904	2.885	6.1	20.1
8 29	20 35.27	−13 27.8	1.970	2.898	9.6	20.3
9 8	20 31.00	−14 23.7	2.060	2.910	12.6	20.5

393016 2012 XR_{150} 8 3.1 236°.52 1°.2/ 2.3 18

6 30	21 16.88	−18 3.2	1.969	2.842	12.6	21.5
7 10	21 12.12	−18 48.0	1.895	2.839	9.3	21.3
7 20	21 5.39	−19 40.1	1.844	2.836	5.6	21.0
7 30	20 57.31	−20 34.8	1.820	2.832	1.8	20.8
8 9	20 48.74	−21 26.8	1.822	2.829	3.1	20.9
8 19	20 40.64	−22 11.6	1.852	2.825	7.0	21.1
8 29	20 33.93	−22 45.9	1.907	2.822	10.6	21.3
9 8	20 29.30	−23 8.4	1.985	2.818	13.8	21.5

112524 2002 PS_{30} 8 3.1 22°.89 1°.5/ 3.8 18

6 30	21 20.37	−14 36.6	1.239	2.124	17.7	18.9
7 10	21 15.41	−14 19.0	1.181	2.128	13.4	18.7
7 20	21 7.65	−14 12.0	1.142	2.132	8.4	18.4
7 30	20 58.00	−14 13.1	1.126	2.137	3.1	18.1
8 9	20 47.84	−14 18.4	1.133	2.143	3.3	18.2
8 19	20 38.62	−14 24.4	1.165	2.149	8.5	18.5
8 29	20 31.62	−14 27.8	1.219	2.156	13.3	18.8
9 8	20 27.65	−14 26.5	1.293	2.163	17.4	19.0

217650 1998 QN_{29} 8 3.1 281°.42 0°.2/ 3.0 17

6 30	21 19.38	−18 26.2	2.373	3.233	11.2	20.6
7 10	21 13.73	−18 20.2	2.276	3.212	8.4	20.4
7 20	21 6.29	−18 17.5	2.203	3.191	5.1	20.2
7 30	20 57.58	−18 15.7	2.157	3.169	1.5	19.9
8 9	20 48.37	−18 12.5	2.139	3.148	2.3	19.9
8 19	20 39.49	−18 5.9	2.150	3.126	5.9	20.1
8 29	20 31.79	−17 54.9	2.188	3.104	9.4	20.3
9 8	20 25.91	−17 38.8	2.250	3.082	12.4	20.4

258816 2002 NR_{35} 8 3.1 13°.40 5°.0/ 5.2 17

6 30	21 15.55	− 8 46.2	1.008	1.898	20.4	19.3
7 10	21 12.20	− 8 3.5	0.957	1.902	16.0	19.1
7 20	21 5.85	− 7 40.0	0.923	1.907	11.0	18.8
7 30	20 57.49	− 7 36.1	0.909	1.914	6.3	18.6
8 9	20 48.58	− 7 48.8	0.917	1.923	5.5	18.6
8 19	20 40.68	− 8 12.9	0.946	1.932	9.6	18.8
8 29	20 35.15	− 8 42.2	0.995	1.943	14.3	19.1
9 8	20 32.82	− 9 10.4	1.063	1.956	18.6	19.4

262705 Vosne–Romanee 8 3.2 210°.76 1°.7/ 2.0 18

6 30	21 20.55	−19 35.0	1.844	2.717	13.4	21.3
7 10	21 15.01	−20 17.9	1.768	2.712	9.9	21.0
7 20	21 7.23	−21 7.1	1.716	2.707	6.0	20.8
7 30	20 57.88	−21 57.4	1.689	2.701	2.2	20.5
8 9	20 47.96	−22 43.1	1.689	2.694	3.6	20.6
8 19	20 38.57	−23 19.5	1.717	2.687	7.7	20.9
8 29	20 30.75	−23 44.0	1.770	2.680	11.5	21.1
9 8	20 25.27	−23 55.7	1.844	2.672	14.8	21.3

145522 2006 EU_{38} 8 3.2 221°.94 6°.9/11.2 18

6 30	21 13.08	+11 32.1	3.132	3.846	12.0	20.9
7 10	21 8.67	+11 38.2	3.034	3.837	10.5	20.8
7 20	21 3.05	+11 26.9	2.956	3.827	8.9	20.7
7 30	20 56.59	+10 57.1	2.902	3.816	7.6	20.6
8 9	20 49.80	+10 9.4	2.874	3.806	6.9	20.5
8 19	20 43.23	+ 9 5.9	2.872	3.795	7.2	20.5
8 29	20 37.41	+ 7 50.2	2.896	3.783	8.4	20.6
9 8	20 32.83	+ 6 27.0	2.946	3.772	9.9	20.7

150480 2000 OM_{46} 8 3.2 10°.75 5°.3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.18	− 0 17.8	1.132	1.996	20.5	18.2
7 10	21 7.28	− 1 13.4	1.073	1.999	16.5	17.9
7 20	21 2.83	− 2 44.3	1.032	2.004	11.8	17.7
7 30	20 56.60	− 4 47.0	1.011	2.010	7.3	17.5
8 9	20 49.80	− 7 11.8	1.012	2.017	5.4	17.4
8 19	20 43.69	− 9 45.1	1.038	2.026	8.6	17.6
8 29	20 39.53	−12 12.6	1.086	2.037	13.2	17.9
9 8	20 38.12	−14 22.8	1.156	2.049	17.4	18.2

63899 2001 SG_{12} 8 3.2 197°.71 2°.4/ 4.5 18

6 30	21 20.40	−10 24.7	1.907	2.756	14.0	20.2
7 10	21 14.70	−10 19.1	1.828	2.754	10.8	20.0
7 20	21 6.95	−10 24.5	1.772	2.751	7.1	19.8
7 30	20 57.79	−10 39.3	1.741	2.748	3.4	19.5
8 9	20 48.14	−11 0.6	1.738	2.745	3.1	19.5
8 19	20 38.98	−11 25.3	1.761	2.741	6.7	19.7
8 29	20 31.29	−11 49.8	1.811	2.736	10.4	19.9
9 8	20 25.76	−12 11.3	1.884	2.731	13.8	20.1

190615 2000 VN_{59} 8 3.2 242°.11 4°.4/31.1 18

6 30	21 23.13	−29 10.0	2.254	3.121	11.5	19.9
7 10	21 16.75	−29 51.8	2.168	3.104	8.8	19.7
7 20	21 8.23	−30 31.7	2.106	3.086	6.0	19.5
7 30	20 58.19	−31 4.0	2.071	3.067	4.4	19.4
8 9	20 47.55	−31 24.0	2.064	3.048	5.5	19.4
8 19	20 37.36	−31 28.7	2.084	3.028	8.3	19.6
8 29	20 28.61	−31 17.5	2.130	3.008	11.3	19.7
9 8	20 22.07	−30 52.1	2.198	2.987	14.1	19.9

136717 1995 UM_{17} 8 3.2 338°.43 1°.7/ 2.3 17

6 30	21 11.72	−17 38.9	1.036	1.948	18.2	18.9
7 10	21 9.74	−18 20.9	0.967	1.931	13.6	18.5
7 20	21 4.65	−19 17.6	0.916	1.914	8.2	18.2
7 30	20 57.23	−20 22.0	0.886	1.900	2.7	17.8
8 9	20 48.85	−21 24.9	0.878	1.886	4.6	17.9
8 19	20 41.15	−22 17.2	0.891	1.875	10.5	18.2
8 29	20 35.75	−22 52.7	0.923	1.865	16.0	18.4
9 8	20 33.74	−23 8.8	0.973	1.856	20.7	18.7

60425 2000 CA_{49} 8 3.2 325°.73 2°.3/ 4.8 18

6 30	21 15.82	− 9 12.5	1.867	2.721	14.1	19.1
7 10	21 11.35	− 9 27.1	1.792	2.720	10.8	18.9
7 20	21 4.94	− 9 55.3	1.738	2.718	7.1	18.7
7 30	20 57.19	−10 34.8	1.710	2.717	3.4	18.5
8 9	20 48.99	−11 21.8	1.708	2.716	3.0	18.4
8 19	20 41.25	−12 11.7	1.733	2.715	6.5	18.7
8 29	20 34.89	−12 59.9	1.783	2.713	10.3	18.9
9 8	20 30.59	−13 42.7	1.856	2.712	13.6	19.1

257929 2000 WR_{128} 8 3.2 232°.55 0°.3/ 2.8 16

6 30	21 16.29	−17 1.3	2.993	3.847	9.3	22.9
7 10	21 11.13	−17 27.7	2.898	3.831	6.9	22.7
7 20	21 4.58	−17 59.1	2.828	3.815	4.2	22.5
7 30	20 57.07	−18 32.8	2.786	3.799	1.2	22.3
8 9	20 49.17	−19 5.9	2.774	3.782	1.9	22.3
8 19	20 41.52	−19 35.9	2.791	3.764	4.9	22.5
8 29	20 34.72	−20 0.7	2.837	3.746	7.7	22.7
9 8	20 29.31	−20 18.9	2.907	3.727	10.2	22.8

318151 2004 PZ_{91} 8 3.2 333°.22 2°.1/ 4.3 16

6 30	21 16.73	−12 12.1	1.871	2.733	13.7	20.3
7 10	21 12.06	−11 52.2	1.790	2.723	10.5	20.1
7 20	21 5.39	−11 41.2	1.731	2.714	6.8	19.9
7 30	20 57.34	−11 38.0	1.698	2.706	3.1	19.6
8 9	20 48.81	−11 40.3	1.690	2.698	2.9	19.6
8 19	20 40.75	−11 45.9	1.709	2.691	6.6	19.8
8 29	20 34.09	−11 52.0	1.754	2.684	10.4	20.0
9 8	20 29.53	−11 56.4	1.820	2.677	13.8	20.2

183610 2003 UL_{161} 8 3.2 267°.43 2°.2/ 1.9 18

6 30	21 21.10	−20 14.3	1.574	2.455	14.8	21.0
7 10	21 15.95	−20 53.8	1.489	2.436	11.1	20.7
7 20	21 8.10	−21 40.7	1.425	2.417	6.8	20.4
7 30	20 58.24	−22 29.2	1.386	2.398	2.6	20.1
8 9	20 47.50	−23 12.5	1.373	2.378	4.2	20.1
8 19	20 37.20	−23 45.0	1.385	2.357	8.9	20.4
8 29	20 28.71	−24 3.4	1.421	2.337	13.4	20.6
9 8	20 22.99	−24 7.2	1.478	2.316	17.4	20.8

105497 2000 QF_{229} 8 3.2 314°.08 5°.8/30.4 18

6 30	21 20.00	−31 55.1	1.901	2.781	12.7	19.4
7 10	21 14.72	−32 40.6	1.830	2.770	9.9	19.2
7 20	21 7.10	−33 21.7	1.781	2.759	7.2	19.0
7 30	20 57.87	−33 51.8	1.758	2.748	5.8	18.9
8 9	20 48.10	−34 5.5	1.760	2.737	7.0	18.9
8 19	20 38.96	−34 0.2	1.787	2.727	9.8	19.1
8 29	20 31.55	−33 36.0	1.838	2.717	12.8	19.2
9 8	20 26.63	−32 55.4	1.910	2.707	15.5	19.4

296908 2010 CM_{55} 8 3.2 149°.90 1°.1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.72	−17 55.5	2.278	3.141	11.5	21.2
7 10	21 13.17	−18 45.4	2.212	3.150	8.5	21.0
7 20	21 5.90	−19 41.3	2.169	3.159	5.1	20.8
7 30	20 57.48	−20 38.7	2.155	3.167	1.6	20.6
8 9	20 48.71	−21 33.0	2.169	3.175	2.7	20.7
8 19	20 40.41	−22 20.0	2.212	3.182	6.2	20.9
8 29	20 33.38	−22 57.3	2.281	3.188	9.4	21.1
9 8	20 28.20	−23 23.6	2.374	3.194	12.2	21.3

163009 2001 TS_{35} 8 3.2 241°.71 2°.8/ 1.9 17

6 30	21 24.17	−22 31.8	1.465	2.348	15.6	20.0
7 10	21 18.26	−22 57.2	1.392	2.340	11.7	19.8
7 20	21 9.47	−23 26.1	1.340	2.331	7.2	19.5
7 30	20 58.63	−23 52.3	1.312	2.322	3.2	19.2
8 9	20 47.07	−24 9.7	1.310	2.313	4.7	19.3
8 19	20 36.24	−24 14.2	1.333	2.304	9.3	19.6
8 29	20 27.54	−24 4.6	1.379	2.295	13.8	19.8
9 8	20 21.86	−23 42.1	1.446	2.285	17.7	20.0

442146 2010 VH_{59} 8 3.2 248°.76 0°.2/ 3.0 18

6 30	21 17.55	−17 34.3	2.340	3.203	11.3	21.1
7 10	21 12.29	−17 39.4	2.261	3.199	8.4	20.9
7 20	21 5.37	−17 49.0	2.207	3.195	5.1	20.7
7 30	20 57.33	−18 0.7	2.179	3.191	1.5	20.4
8 9	20 48.93	−18 11.6	2.179	3.188	2.2	20.5
8 19	20 40.97	−18 19.4	2.207	3.184	5.8	20.7
8 29	20 34.20	−18 22.4	2.262	3.180	9.0	20.9
9 8	20 29.21	−18 19.7	2.340	3.176	11.9	21.1

503787 2016 WW_{6} 8 3.2 233°.99 4°.8/30.1 18

6 30	21 18.76	−30 47.1	2.385	3.257	10.8	21.4
7 10	21 13.39	−31 44.2	2.313	3.250	8.3	21.3
7 20	21 6.13	−32 38.7	2.266	3.243	5.9	21.1
7 30	20 57.58	−33 25.1	2.246	3.235	4.8	21.0
8 9	20 48.58	−33 58.7	2.253	3.228	5.9	21.1
8 19	20 40.03	−34 16.5	2.287	3.220	8.3	21.2
8 29	20 32.80	−34 17.8	2.345	3.212	10.8	21.4
9 8	20 27.56	−34 4.0	2.425	3.204	13.2	21.5

175566 Papplaci 8 3.2 229°.47 0°.4/ 3.5 18

6 30	21 15.66	−13 43.0	2.105	2.967	12.4	20.5
7 10	21 11.09	−14 18.7	2.028	2.965	9.3	20.3
7 20	21 4.74	−15 4.2	1.975	2.962	5.7	20.1
7 30	20 57.17	−15 56.1	1.947	2.960	1.8	19.8
8 9	20 49.16	−16 49.7	1.948	2.957	2.2	19.9
8 19	20 41.56	−17 40.9	1.976	2.954	6.1	20.1
8 29	20 35.21	−18 25.7	2.030	2.952	9.7	20.3
9 8	20 30.73	−19 1.7	2.107	2.949	12.7	20.5

432632 2010 VN_{127} 8 3.2 254°.31 0°.2/ 3.3 18

6 30	21 19.82	−14 29.2	1.705	2.573	14.5	22.4
7 10	21 14.74	−15 0.5	1.617	2.556	11.0	22.2
7 20	21 7.26	−15 43.5	1.550	2.539	6.8	21.9
7 30	20 57.99	−16 34.3	1.509	2.522	2.1	21.5
8 9	20 47.95	−17 27.4	1.494	2.503	2.8	21.6
8 19	20 38.27	−18 17.3	1.506	2.485	7.6	21.8
8 29	20 30.17	−18 59.3	1.543	2.466	12.1	22.0
9 8	20 24.51	−19 30.7	1.601	2.446	15.9	22.2

439195 2012 BS_{9} 8 3.2 239°.48 2°.5/ 5.6 18

6 30	21 13.26	− 5 58.0	2.469	3.300	11.8	20.8
7 10	21 9.08	− 6 32.8	2.384	3.296	9.2	20.6
7 20	21 3.43	− 7 21.2	2.322	3.293	6.2	20.4
7 30	20 56.77	− 8 21.2	2.287	3.289	3.4	20.2
8 9	20 49.73	− 9 29.2	2.280	3.285	2.8	20.2
8 19	20 42.99	−10 41.0	2.302	3.281	5.3	20.3
8 29	20 37.24	−11 52.0	2.351	3.277	8.3	20.5
9 8	20 33.01	−12 58.3	2.424	3.273	11.1	20.7

165061 2000 EF_{115} 8 3.2 301°.72 0°.4/ 2.9 18

6 30	21 17.56	−17 9.9	1.806	2.680	13.5	19.8
7 10	21 12.81	−17 27.6	1.728	2.671	10.1	19.6
7 20	21 5.93	−17 52.5	1.672	2.663	6.1	19.3
7 30	20 57.55	−18 21.1	1.641	2.654	1.8	19.0
8 9	20 48.63	−18 49.0	1.637	2.645	2.8	19.1
8 19	20 40.20	−19 12.4	1.659	2.637	7.1	19.3
8 29	20 33.29	−19 28.4	1.706	2.629	11.1	19.5
9 8	20 28.62	−19 35.6	1.775	2.621	14.6	19.8

512893 2016 WE_{32} 8 3.2 199°.56 5°.1/29.4 18

6 30	21 20.46	−35 24.0	2.918	3.775	9.4	22.9
7 10	21 14.34	−36 10.6	2.849	3.772	7.5	22.8
7 20	21 6.56	−36 51.6	2.806	3.768	5.8	22.7
7 30	20 57.69	−37 22.5	2.790	3.763	5.1	22.6
8 9	20 48.48	−37 39.8	2.802	3.758	6.0	22.7
8 19	20 39.72	−37 41.7	2.841	3.753	7.7	22.8
8 29	20 32.16	−37 28.4	2.905	3.747	9.7	22.9
9 8	20 26.38	−37 1.6	2.992	3.741	11.6	23.1

446734 2015 ON_{75} 8 3.2 318°.07 7°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.90	−40 59.7	2.156	3.004	12.6	20.0
7 10	21 21.76	−41 18.2	2.089	2.999	10.4	19.8
7 20	21 11.16	−41 23.8	2.046	2.993	8.5	19.7
7 30	20 59.05	−41 10.2	2.027	2.988	7.7	19.7
8 9	20 46.68	−40 33.9	2.035	2.983	8.4	19.7
8 19	20 35.32	−39 34.9	2.070	2.977	10.3	19.8
8 29	20 26.07	−38 16.5	2.129	2.973	12.7	20.0
9 8	20 19.57	−36 44.1	2.209	2.968	14.9	20.1

269813 1999 VF_{133} 8 3.2 65°.27 5°.0/ 7.1 18

6 30	21 14.61	− 1 21.3	2.210	3.024	13.5	20.8
7 10	21 10.13	− 1 9.7	2.137	3.030	11.0	20.6
7 20	21 4.07	− 1 13.7	2.086	3.036	8.2	20.5
7 30	20 56.95	− 1 33.3	2.060	3.043	5.8	20.3
8 9	20 49.51	− 2 6.3	2.060	3.049	5.0	20.3
8 19	20 42.49	− 2 49.7	2.086	3.056	6.6	20.4
8 29	20 36.62	− 3 39.2	2.139	3.063	9.2	20.6
9 8	20 32.44	− 4 30.3	2.215	3.069	11.8	20.8

325478 2009 RK_{1} 8 3.2 295°.47 8°.4/10.6 18

6 30	21 12.83	+ 9 50.7	2.352	3.099	14.7	20.4
7 10	21 8.91	+10 17.2	2.258	3.086	12.8	20.3
7 20	21 3.41	+10 23.0	2.184	3.073	10.9	20.1
7 30	20 56.79	+10 6.1	2.132	3.059	9.3	20.0
8 9	20 49.70	+ 9 26.4	2.103	3.046	8.4	19.9
8 19	20 42.87	+ 8 26.4	2.100	3.033	8.9	19.9
8 29	20 37.04	+ 7 10.3	2.121	3.020	10.4	20.0
9 8	20 32.81	+ 5 44.6	2.166	3.007	12.5	20.1

411624 2011 UQ_{56} 8 3.2 245°.21 1°.8/ 4.1 17

6 30	21 21.23	−12 9.1	1.444	2.313	16.6	21.1
7 10	21 16.03	−12 14.9	1.365	2.303	12.7	20.8
7 20	21 8.14	−12 34.3	1.307	2.293	8.1	20.6
7 30	20 58.27	−13 4.6	1.273	2.283	3.3	20.2
8 9	20 47.62	−13 41.2	1.263	2.273	3.2	20.2
8 19	20 37.53	−14 18.9	1.279	2.262	8.2	20.5
8 29	20 29.32	−14 52.7	1.319	2.250	13.0	20.7
9 8	20 23.94	−15 19.2	1.379	2.239	17.2	21.0

511302 2014 DR_{73} 8 3.2 258°.86 1°.5/ 4.4 18

6 30	21 16.96	− 9 37.8	2.103	2.950	13.0	21.9
7 10	21 12.23	−10 19.5	2.004	2.929	10.0	21.7
7 20	21 5.57	−11 15.7	1.927	2.908	6.4	21.4
7 30	20 57.48	−12 23.7	1.877	2.886	2.7	21.2
8 9	20 48.71	−13 38.7	1.854	2.863	2.5	21.1
8 19	20 40.16	−14 55.4	1.860	2.840	6.3	21.3
8 29	20 32.77	−16 8.2	1.893	2.817	10.2	21.5
9 8	20 27.28	−17 12.8	1.950	2.793	13.6	21.7

353560 2011 SO_{223} 8 3.2 294°.65 1°.3/ 2.3 18

6 30	21 17.28	−19 10.6	1.905	2.781	12.9	21.2
7 10	21 12.54	−19 38.9	1.827	2.772	9.6	21.0
7 20	21 5.74	−20 13.0	1.771	2.763	5.8	20.7
7 30	20 57.50	−20 48.8	1.741	2.754	1.9	20.4
8 9	20 48.74	−21 21.5	1.738	2.745	3.1	20.5
8 19	20 40.44	−21 47.4	1.761	2.736	7.1	20.7
8 29	20 33.59	−22 3.7	1.810	2.727	10.9	21.0
9 8	20 28.91	−22 9.6	1.880	2.718	14.2	21.1

203976 2003 SR_{208} 8 3.2 308°.37 2°.6/ 4.6 18

6 30	21 16.30	−10 31.3	1.593	2.459	15.4	20.4
7 10	21 12.22	−10 27.3	1.503	2.439	12.0	20.1
7 20	21 5.77	−10 36.7	1.435	2.418	7.9	19.9
7 30	20 57.57	−10 58.2	1.390	2.398	3.8	19.6
8 9	20 48.59	−11 28.5	1.370	2.378	3.4	19.5
8 19	20 39.99	−12 3.3	1.375	2.358	7.6	19.7
8 29	20 32.94	−12 38.0	1.404	2.339	12.1	19.9
9 8	20 28.35	−13 8.4	1.454	2.321	16.1	20.1

111245 2001 XE_{3} 8 3.2 179°.14 8°.6/25.6 18

6 30	21 28.82	−46 16.3	2.683	3.510	11.1	20.2
7 10	21 21.05	−47 41.9	2.634	3.512	9.7	20.1
7 20	21 10.86	−48 55.1	2.609	3.514	8.8	20.0
7 30	20 59.02	−49 48.8	2.609	3.514	8.7	20.0
8 9	20 46.64	−50 18.5	2.635	3.514	9.5	20.1
8 19	20 34.92	−50 22.6	2.685	3.513	10.9	20.2
8 29	20 24.98	−50 2.9	2.757	3.511	12.4	20.3
9 8	20 17.60	−49 23.6	2.848	3.509	13.8	20.4

243335 2008 TH_{131} 8 3.2 191°.95 0°.0/ 2.9 18

6 30	21 19.46	−16 15.7	2.134	2.995	12.3	22.0
7 10	21 13.86	−16 33.6	2.057	2.993	9.2	21.8
7 20	21 6.40	−16 58.0	2.004	2.992	5.6	21.5
7 30	20 57.68	−17 26.0	1.977	2.990	1.7	21.3
8 9	20 48.54	−17 53.7	1.978	2.987	2.3	21.3
8 19	20 39.86	−18 17.9	2.008	2.984	6.2	21.6
8 29	20 32.52	−18 36.2	2.063	2.981	9.8	21.8
9 8	20 27.15	−18 47.2	2.142	2.977	12.8	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
362281 2009 RV_{21}			8 3.2 106°.34	3°.8/ 6.7 18		
	h m	° ′			°	m
6 30	21 14.65	− 2 42.8	2.543	3.355	12.0	21.2
7 10	21 9.94	− 2 47.8	2.474	3.369	9.6	21.0
7 20	21 3.85	− 3 6.3	2.428	3.383	7.0	20.9
7 30	20 56.89	− 3 37.2	2.408	3.396	4.6	20.8
8 9	20 49.68	− 4 18.3	2.415	3.410	3.9	20.7
8 19	20 42.86	− 5 6.3	2.450	3.423	5.6	20.9
8 29	20 37.06	− 5 57.5	2.513	3.435	8.0	21.0
9 8	20 32.75	− 6 48.2	2.600	3.448	10.4	21.2
329934 2005 OY_{14}			8 3.2 346°.63	6°.7/30.9 17		
6 30	21 18.58	−28 50.0	1.188	2.093	16.9	20.0
7 10	21 14.68	−29 48.6	1.129	2.086	12.9	19.7
7 20	21 7.54	−30 45.7	1.091	2.079	9.0	19.5
7 30	20 58.11	−31 31.2	1.073	2.074	6.7	19.3
8 9	20 47.96	−31 56.5	1.079	2.069	8.4	19.4
8 19	20 38.77	−31 56.8	1.106	2.065	12.3	19.6
8 29	20 32.08	−31 32.5	1.154	2.063	16.4	19.9
9 8	20 28.82	−30 47.3	1.219	2.061	20.1	20.1
182495 2001 SA_{190}			8 3.2 26°.05	0°.4/ 3.4 17		
6 30	21 16.52	−14 46.1	1.130	2.026	18.2	20.0
7 10	21 12.71	−15 3.4	1.082	2.036	13.6	19.8
7 20	21 6.08	−15 34.1	1.054	2.048	8.3	19.5
7 30	20 57.62	−16 13.1	1.047	2.060	2.6	19.2
8 9	20 48.73	−16 53.8	1.063	2.074	3.3	19.3
8 19	20 40.84	−17 29.9	1.102	2.088	8.7	19.7
8 29	20 35.21	−17 57.0	1.163	2.103	13.6	20.0
9 8	20 32.59	−18 12.7	1.244	2.119	17.6	20.3
502824 2015 DH_{143}			8 3.2 271°.04	3°.0/ 4.8 17		
6 30	21 18.92	− 9 11.6	1.503	2.365	16.5	21.9
7 10	21 14.28	− 9 13.8	1.418	2.350	12.8	21.7
7 20	21 7.08	− 9 32.1	1.354	2.335	8.6	21.4
7 30	20 57.99	−10 5.0	1.312	2.319	4.3	21.1
8 9	20 48.07	−10 48.5	1.296	2.303	3.7	21.0
8 19	20 38.58	−11 37.3	1.305	2.288	8.0	21.2
8 29	20 30.80	−12 25.8	1.338	2.272	12.7	21.5
9 8	20 25.66	−13 8.9	1.392	2.256	16.8	21.7
19568 Rachelmarie			8 3.2 38°.52	0°.7/ 3.5 18		
6 30	21 20.82	−15 46.6	1.091	1.985	18.9	16.6
7 10	21 15.92	−15 40.6	1.046	1.998	14.1	16.4
7 20	21 8.01	−15 45.7	1.019	2.012	8.6	16.1
7 30	20 58.18	−15 57.9	1.013	2.026	2.8	15.9
8 9	20 47.98	−16 11.9	1.031	2.041	3.4	15.9
8 19	20 38.96	−16 23.3	1.072	2.057	9.0	16.3
8 29	20 32.44	−16 28.9	1.134	2.073	13.9	16.7
9 8	20 29.14	−16 27.0	1.216	2.090	18.1	17.0
427506 2002 CR_{162}			8 3.2 151°.49	2°.1/ 1.7 17		
6 30	21 20.99	−21 48.5	2.094	2.963	12.2	21.7
7 10	21 15.01	−22 26.1	2.030	2.971	9.0	21.5
7 20	21 7.08	−23 6.6	1.989	2.978	5.5	21.3
7 30	20 57.88	−23 45.2	1.975	2.985	2.4	21.1
8 9	20 48.33	−24 17.4	1.989	2.991	3.6	21.2
8 19	20 39.35	−24 39.9	2.031	2.997	7.0	21.4
8 29	20 31.86	−24 51.2	2.099	3.002	10.3	21.7
9 8	20 26.47	−24 51.3	2.189	3.007	13.2	21.9
141623 2002 JJ_{34}			8 3.2 41°.02	8°.2/ 7.9 17		
6 30	21 17.15	+ 0 0.7	1.113	1.965	21.6	19.3
7 10	21 13.04	+ 0 35.1	1.069	1.983	17.6	19.2
7 20	21 6.21	+ 0 40.3	1.042	2.002	13.4	19.0
7 30	20 57.65	+ 0 15.6	1.035	2.021	9.6	18.8
8 9	20 48.71	− 0 35.3	1.049	2.041	8.2	18.8
8 19	20 40.78	− 1 44.8	1.086	2.062	10.2	19.0
8 29	20 35.06	− 3 3.2	1.144	2.084	13.7	19.3
9 8	20 32.27	− 4 21.2	1.222	2.106	17.3	19.6
92102 1999 XO_{47}			8 3.2 349°.62	5°.3/ 6.9 18		
6 30	21 15.26	− 1 40.4	2.191	3.006	13.6	19.2
7 10	21 10.69	− 1 12.3	2.112	3.005	11.1	19.0
7 20	21 4.46	− 0 59.0	2.055	3.004	8.4	18.8
7 30	20 57.12	− 1 0.8	2.022	3.003	6.0	18.7
8 9	20 49.38	− 1 16.7	2.015	3.002	5.3	18.6
8 19	20 42.04	− 1 44.1	2.034	3.002	6.9	18.7
8 29	20 35.84	− 2 19.5	2.080	3.001	9.5	18.9
9 8	20 31.38	− 2 58.6	2.148	3.001	12.1	19.1
481408 2006 SL_{323}			8 3.2 332°.86	7°.5/29.6 16		
6 30	21 19.85	−34 3.2	1.640	2.526	14.1	21.0
7 10	21 15.02	−35 3.0	1.575	2.515	11.2	20.8
7 20	21 7.49	−35 56.7	1.532	2.505	8.6	20.6
7 30	20 58.08	−36 35.8	1.512	2.495	7.5	20.5
8 9	20 48.05	−36 53.6	1.517	2.486	8.8	20.6
8 19	20 38.78	−36 47.0	1.545	2.478	11.5	20.7
8 29	20 31.55	−36 16.9	1.596	2.470	14.6	20.9
9 8	20 27.19	−35 27.0	1.665	2.463	17.5	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
366156 2012 FE_5			8 3.2 220°.79	2°.1/ 5.1 18		
	h m	° ′			°	m
6 30	21 13.85	− 8 20.4	2.582	3.420	11.1	21.4
7 10	21 9.45	− 8 37.4	2.499	3.417	8.6	21.2
7 20	21 3.64	− 9 5.0	2.439	3.413	5.7	21.1
7 30	20 56.86	− 9 41.5	2.406	3.410	3.0	20.9
8 9	20 49.75	−10 24.2	2.400	3.406	2.5	20.8
8 19	20 42.94	−11 9.9	2.423	3.403	5.1	21.0
8 29	20 37.09	−11 55.2	2.474	3.399	8.0	21.2
9 8	20 32.72	−12 37.1	2.549	3.395	10.7	21.4
420391 2012 CV_{20}			8 3.2 260°.55	3°.1/ 4.5 18		
6 30	21 22.00	−10 35.6	1.505	2.366	16.5	21.1
7 10	21 16.56	−10 13.7	1.421	2.352	12.8	20.9
7 20	21 8.46	−10 4.2	1.357	2.338	8.5	20.6
7 30	20 58.41	−10 6.2	1.316	2.323	4.3	20.3
8 9	20 47.54	−10 17.1	1.302	2.308	3.9	20.2
8 19	20 37.15	−10 33.6	1.312	2.293	8.2	20.5
8 29	20 28.57	−10 51.7	1.347	2.278	12.8	20.7
9 8	20 22.74	−11 8.0	1.402	2.262	16.9	20.9
41605 2000 SV_{106}			8 3.2 280°.28	2°.9/ 4.7 18		
6 30	21 18.67	− 9 36.8	1.426	2.292	16.9	19.9
7 10	21 14.22	− 9 38.9	1.342	2.276	13.2	19.6
7 20	21 7.12	− 9 57.6	1.278	2.260	8.7	19.3
7 30	20 58.02	−10 31.0	1.237	2.244	4.2	19.0
8 9	20 48.06	−11 15.2	1.220	2.228	3.7	18.9
8 19	20 38.54	−12 4.4	1.229	2.212	8.3	19.1
8 29	20 30.80	−12 52.7	1.260	2.196	13.1	19.4
9 8	20 25.84	−13 35.1	1.312	2.180	17.4	19.6
15454 1998 YB_3			8 3.2 63°.58	3°.3/ 4.9 18		
6 30	21 21.74	− 9 39.0	1.805	2.652	14.8	17.1
7 10	21 15.51	− 9 2.5	1.751	2.673	11.4	17.0
7 20	21 7.32	− 8 37.0	1.720	2.695	7.6	16.8
7 30	20 57.94	− 8 22.0	1.713	2.716	4.2	16.6
8 9	20 48.36	− 8 15.7	1.734	2.738	3.8	16.6
8 19	20 39.55	− 8 15.8	1.782	2.760	6.8	16.9
8 29	20 32.38	− 8 19.8	1.856	2.781	10.2	17.1
9 8	20 27.43	− 8 24.9	1.952	2.803	13.2	17.4
129004 2004 TS_{286}			8 3.2 1°.51	1°.7/ 4.1 18		
6 30	21 12.59	−11 46.7	1.169	2.062	18.0	19.1
7 10	21 9.87	−12 4.7	1.109	2.060	13.7	18.9
7 20	21 4.47	−12 40.3	1.067	2.058	8.7	18.6
7 30	20 57.20	−13 29.6	1.047	2.059	3.4	18.3
8 9	20 49.32	−14 26.1	1.050	2.060	3.3	18.3
8 19	20 42.19	−15 22.4	1.075	2.063	8.5	18.6
8 29	20 37.09	−16 11.9	1.123	2.067	13.5	18.9
9 8	20 34.87	−16 50.0	1.189	2.073	17.7	19.2
110462 2001 TC_{49}			8 3.2 275°.49	0°.8/ 3.8 18		
6 30	21 15.97	−13 24.0	2.107	2.967	12.4	19.5
7 10	21 11.39	−13 43.4	2.022	2.957	9.4	19.3
7 20	21 4.99	−14 12.1	1.961	2.947	5.9	19.1
7 30	20 57.32	−14 47.5	1.925	2.936	2.1	18.8
8 9	20 49.16	−15 25.9	1.916	2.926	2.3	18.8
8 19	20 41.37	−16 3.5	1.935	2.915	6.1	19.0
8 29	20 34.80	−16 36.9	1.980	2.905	9.7	19.2
9 8	20 30.12	−17 3.7	2.048	2.894	12.9	19.4
510950 2013 FR_{14}			8 3.2 113°.23	0°.6/ 2.6 18		
6 30	21 15.36	−16 37.9	2.455	3.318	10.8	21.0
7 10	21 10.61	−17 23.5	2.389	3.327	8.0	20.9
7 20	21 4.34	−18 15.4	2.348	3.337	4.8	20.7
7 30	20 57.09	−19 9.8	2.334	3.347	1.4	20.5
8 9	20 49.53	−20 2.7	2.349	3.356	2.3	20.5
8 19	20 42.39	−20 50.4	2.392	3.366	5.6	20.8
8 29	20 36.36	−21 30.1	2.462	3.375	8.6	21.0
9 8	20 31.95	−22 0.3	2.556	3.384	11.2	21.2
513582 2010 XA_{50}			8 3.2 190°.30	6°.7/26.8 18		
6 30	21 18.91	−37 53.3	2.650	3.511	10.2	20.9
7 10	21 13.56	−39 25.7	2.593	3.510	8.3	20.8
7 20	21 6.31	−40 51.7	2.561	3.510	7.0	20.7
7 30	20 57.72	−42 4.9	2.556	3.508	6.7	20.7
8 9	20 48.62	−43 0.3	2.578	3.507	7.7	20.7
8 19	20 39.92	−43 35.1	2.625	3.505	9.4	20.8
8 29	20 32.52	−43 49.1	2.696	3.504	11.3	21.0
9 8	20 27.10	−43 44.4	2.786	3.502	13.0	21.1
101987 1999 RZ_{62}			8 3.2 298°.36	0°.1/ 3.3 18		
6 30	21 19.31	−16 26.9	1.666	2.540	14.5	19.5
7 10	21 14.53	−16 30.0	1.569	2.512	11.0	19.3
7 20	21 7.25	−16 41.0	1.494	2.484	6.8	19.0
7 30	20 58.09	−16 56.8	1.443	2.456	2.1	18.6
8 9	20 48.04	−17 13.6	1.419	2.428	2.9	18.6
8 19	20 38.31	−17 27.4	1.420	2.400	7.8	18.8
8 29	20 30.15	−17 35.4	1.445	2.372	12.4	19.0
9 8	20 24.52	−17 35.7	1.492	2.345	16.5	19.2

480586 2015 MV_{81} 8 3.2 248°.36 3°.2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.78	− 7 46.0	2.228	3.064	12.7	21.6
7 10	21 12.60	− 7 27.7	2.140	3.054	10.0	21.4
7 20	21 5.66	− 7 20.0	2.075	3.045	6.9	21.2
7 30	20 57.52	− 7 22.4	2.035	3.035	4.0	21.0
8 9	20 48.92	− 7 33.4	2.023	3.025	3.6	21.0
8 19	20 40.67	− 7 50.5	2.039	3.015	6.2	21.1
8 29	20 33.59	− 8 10.9	2.081	3.005	9.3	21.3
9 8	20 28.31	− 8 31.5	2.147	2.995	12.3	21.5

155475 1998 SP_{131} 8 3.2 273°.39 5°.8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.06	+ 2 12.1	2.538	3.326	12.7	20.3
7 10	21 9.73	+ 2 30.1	2.439	3.309	10.6	20.1
7 20	21 3.90	+ 2 32.7	2.361	3.291	8.4	19.9
7 30	20 57.00	+ 2 19.1	2.307	3.273	6.5	19.8
8 9	20 49.64	+ 1 49.9	2.280	3.256	5.8	19.7
8 19	20 42.50	+ 1 7.6	2.279	3.238	6.9	19.8
8 29	20 36.28	+ 0 15.6	2.305	3.219	9.0	19.9
9 8	20 31.55	− 0 41.5	2.355	3.201	11.4	20.0

346803 2009 BK_{181} 8 3.2 205°.44 0°.6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.04	−11 58.5	2.054	2.912	12.8	20.9
7 10	21 11.47	−12 51.7	1.976	2.910	9.6	20.7
7 20	21 5.05	−13 57.2	1.922	2.908	6.0	20.5
7 30	20 57.36	−15 11.2	1.893	2.905	2.0	20.2
8 9	20 49.18	−16 28.1	1.893	2.902	2.3	20.3
8 19	20 41.39	−17 42.5	1.921	2.900	6.2	20.5
8 29	20 34.86	−18 49.3	1.975	2.897	9.9	20.7
9 8	20 30.24	−19 45.5	2.052	2.893	13.1	20.9

259297 2003 EF_{45} 8 3.2 120°.74 0°.0/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.51	−16 38.4	2.613	3.467	10.5	21.0
7 10	21 12.74	−16 52.4	2.551	3.484	7.8	20.8
7 20	21 5.54	−17 11.0	2.514	3.501	4.7	20.6
7 30	20 57.44	−17 31.7	2.504	3.517	1.4	20.4
8 9	20 49.13	−17 51.6	2.523	3.532	1.9	20.5
8 19	20 41.31	−18 8.6	2.572	3.547	5.1	20.7
8 29	20 34.61	−18 21.0	2.648	3.562	8.0	20.9
9 8	20 29.53	−18 27.7	2.748	3.576	10.5	21.1

358906 2008 GQ_{94} 8 3.2 340°.85 7°.6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.16	−35 58.1	1.789	2.668	13.4	20.2
7 10	21 15.07	−36 53.9	1.727	2.660	10.8	20.0
7 20	21 7.44	−37 41.7	1.687	2.653	8.5	19.8
7 30	20 58.08	−38 14.0	1.670	2.646	7.6	19.8
8 9	20 48.21	−38 24.9	1.679	2.640	8.8	19.8
8 19	20 39.11	−38 12.1	1.711	2.635	11.2	20.0
8 29	20 31.94	−37 36.8	1.766	2.630	13.9	20.1
9 8	20 27.49	−36 42.8	1.840	2.625	16.5	20.3

130729 2000 SK_{227} 8 3.2 238°.27 1°.2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.52	−11 45.1	2.234	3.082	12.3	21.3
7 10	21 13.26	−12 7.1	2.139	3.066	9.3	21.1
7 20	21 6.15	−12 39.6	2.068	3.050	6.0	20.9
7 30	20 57.70	−13 20.0	2.023	3.033	2.4	20.6
8 9	20 48.70	−14 4.8	2.006	3.015	2.3	20.6
8 19	20 39.97	−14 50.1	2.018	2.997	6.0	20.8
8 29	20 32.39	−15 32.1	2.057	2.978	9.6	21.0
9 8	20 26.66	−16 8.1	2.119	2.958	12.8	21.1

20301 Thakur 8 3.2 84°.15 1°.5/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.48	−20 32.3	1.410	2.292	16.2	17.4
7 10	21 18.26	−20 37.8	1.353	2.301	12.0	17.2
7 20	21 9.33	−20 47.3	1.317	2.309	7.2	16.9
7 30	20 58.64	−20 56.0	1.306	2.318	2.4	16.7
8 9	20 47.55	−20 59.2	1.319	2.327	3.7	16.8
8 19	20 37.44	−20 54.2	1.358	2.335	8.5	17.1
8 29	20 29.54	−20 39.9	1.421	2.344	12.9	17.4
9 8	20 24.60	−20 17.1	1.504	2.352	16.6	17.6

238245 2003 UA_{261} 8 3.2 314°.31 2°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.11	−10 13.0	1.654	2.517	15.1	20.5
7 10	21 11.93	−10 17.0	1.573	2.507	11.6	20.3
7 20	21 5.52	−10 34.8	1.514	2.496	7.6	20.0
7 30	20 57.55	−11 4.4	1.478	2.486	3.6	19.8
8 9	20 48.95	−11 42.2	1.468	2.476	3.2	19.7
8 19	20 40.82	−12 23.6	1.484	2.467	7.2	19.9
8 29	20 34.21	−13 3.7	1.524	2.458	11.4	20.2
9 8	20 29.93	−13 38.7	1.586	2.449	15.1	20.4

13995 Tõravere 8 3.2 355°.94 1°.2/ 2.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.24	−17 14.9	1.110	2.014	17.8	17.7
7 10	21 11.35	−17 49.9	1.050	2.009	13.3	17.4
7 20	21 5.51	−18 37.4	1.009	2.006	8.0	17.1
7 30	20 57.58	−19 31.0	0.990	2.003	2.4	16.8
8 9	20 48.95	−20 22.5	0.993	2.002	4.0	16.9
8 19	20 41.14	−21 4.9	1.018	2.002	9.6	17.2
8 29	20 35.58	−21 33.1	1.064	2.003	14.7	17.5
9 8	20 33.17	−21 45.3	1.129	2.005	19.0	17.7

169458 2002 CU_{36} 8 3.2 242°.13 2°.7/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.01	− 8 45.2	1.512	2.371	16.5	20.8
7 10	21 14.29	− 9 3.2	1.433	2.364	12.8	20.5
7 20	21 7.07	− 9 38.9	1.375	2.356	8.5	20.2
7 30	20 58.04	−10 29.7	1.340	2.347	4.1	20.0
8 9	20 48.29	−11 30.6	1.331	2.339	3.5	19.9
8 19	20 39.03	−12 35.2	1.347	2.330	7.8	20.1
8 29	20 31.49	−13 37.2	1.388	2.321	12.4	20.4
9 8	20 26.56	−14 31.5	1.449	2.311	16.4	20.6

246907 1998 KC_3 8 3.2 27°.15 9°.5/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.91	+ 6 58.4	1.413	2.220	20.1	19.5
7 10	21 9.63	+ 7 12.9	1.355	2.230	17.1	19.3
7 20	21 4.12	+ 6 56.0	1.314	2.241	13.9	19.1
7 30	20 57.11	+ 6 6.2	1.292	2.253	11.0	19.0
8 9	20 49.66	+ 4 46.5	1.292	2.265	9.5	19.0
8 19	20 42.87	+ 3 3.9	1.315	2.278	10.3	19.0
8 29	20 37.77	+ 1 8.3	1.361	2.292	12.7	19.2
9 8	20 35.06	− 0 49.4	1.429	2.307	15.6	19.4

394744 2008 FD_{33} 8 3.2 357°.80 5°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.96	+ 0 20.1	1.923	2.741	15.1	20.6
7 10	21 9.24	+ 0 8.0	1.845	2.739	12.3	20.5
7 20	21 3.73	− 0 24.8	1.788	2.738	9.3	20.3
7 30	20 56.99	− 1 17.8	1.754	2.738	6.5	20.1
8 9	20 49.81	− 2 27.8	1.745	2.738	5.5	20.0
8 19	20 43.03	− 3 49.7	1.763	2.738	7.1	20.1
8 29	20 37.50	− 5 16.9	1.807	2.738	10.1	20.3
9 8	20 33.86	− 6 42.9	1.874	2.739	13.1	20.5

205118 1999 VB_{67} 8 3.2 320°.40 10°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.37	−36 40.9	1.401	2.294	15.6	19.4
7 10	21 14.80	−38 28.8	1.328	2.267	12.9	19.2
7 20	21 7.90	−40 12.0	1.277	2.241	10.9	19.0
7 30	20 58.41	−41 37.6	1.247	2.215	10.5	18.9
8 9	20 47.74	−42 34.4	1.240	2.190	12.3	18.9
8 19	20 37.66	−42 55.9	1.254	2.166	15.3	19.0
8 29	20 29.92	−42 41.7	1.287	2.143	18.6	19.2
9 8	20 25.74	−41 56.6	1.335	2.120	21.6	19.3

379869 2012 HH_{23} 8 3.2 340°.01 3°.5/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.31	−17 52.8	0.994	1.913	18.1	19.3
7 10	21 7.39	−19 30.6	0.926	1.894	13.5	19.0
7 20	21 3.41	−21 29.2	0.876	1.876	8.2	18.6
7 30	20 57.06	−23 38.1	0.847	1.859	3.7	18.3
8 9	20 49.67	−25 42.8	0.840	1.844	6.4	18.4
8 19	20 42.87	−27 29.0	0.854	1.831	12.0	18.7
8 29	20 38.36	−28 47.0	0.887	1.821	17.4	19.0
9 8	20 37.31	−29 33.6	0.936	1.812	22.1	19.2

462593 2009 HV_3 8 3.2 43°.43 5°.5/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.89	−25 0.9	1.227	2.127	16.8	20.1
7 10	21 15.41	−26 26.2	1.178	2.134	12.5	19.8
7 20	21 7.89	−27 54.7	1.150	2.141	8.2	19.6
7 30	20 58.30	−29 15.5	1.145	2.149	5.5	19.5
8 9	20 48.12	−30 18.7	1.164	2.157	7.4	19.6
8 19	20 38.93	−30 58.1	1.206	2.166	11.4	19.9
8 29	20 32.15	−31 12.3	1.269	2.174	15.5	20.2
9 8	20 28.61	−31 4.1	1.350	2.183	19.0	20.4

393573 2003 KT_{10} 8 3.2 356°.82 8°.3/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.62	+ 6 25.9	1.816	2.607	16.9	20.5
7 10	21 8.37	+ 6 39.4	1.739	2.604	14.4	20.3
7 20	21 3.26	+ 6 28.1	1.680	2.602	11.8	20.1
7 30	20 56.88	+ 5 50.3	1.643	2.600	9.4	20.0
8 9	20 50.02	+ 4 47.7	1.630	2.599	8.3	19.9
8 19	20 43.58	+ 3 24.8	1.641	2.599	9.0	20.0
8 29	20 38.43	+ 1 48.6	1.676	2.600	11.2	20.1
9 8	20 35.24	+ 0 7.3	1.734	2.601	13.9	20.3

315983 2009 CB_{60} 8 3.2 189°.17 1°.7/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.63	−19 17.8	1.719	2.591	14.2	21.2
7 10	21 16.72	−19 58.4	1.648	2.591	10.5	21.0
7 20	21 8.42	−20 45.6	1.599	2.589	6.4	20.8
7 30	20 58.45	−21 33.9	1.576	2.588	2.3	20.5
8 9	20 47.90	−22 17.4	1.580	2.585	3.6	20.6
8 19	20 37.97	−22 51.3	1.611	2.582	7.9	20.9
8 29	20 29.78	−23 12.9	1.666	2.579	12.0	21.1
9 8	20 24.13	−23 21.8	1.744	2.575	15.4	21.3

199420 2006 DQ_1 8 3.2 249°.87 2°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.27	−21 8.4	1.422	2.308	15.8	20.5
7 10	21 17.03	−21 54.0	1.348	2.298	11.8	20.3
7 20	21 8.90	−22 46.6	1.295	2.288	7.3	20.0
7 30	20 58.66	−23 39.2	1.266	2.277	3.2	19.7
8 9	20 47.58	−24 24.1	1.263	2.267	4.8	19.8
8 19	20 37.15	−24 55.4	1.284	2.255	9.6	20.0
8 29	20 28.78	−25 10.2	1.328	2.244	14.2	20.3
9 8	20 23.45	−25 8.8	1.392	2.232	18.1	20.5

523169 2016 TD_{99} 8 3.2 335°.78 1°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.40	−11 36.5	1.702	2.569	14.6	20.8
7 10	21 11.33	−12 3.6	1.627	2.565	11.1	20.6
7 20	21 5.14	−12 44.2	1.574	2.560	7.0	20.3
7 30	20 57.47	−13 35.1	1.546	2.557	2.7	20.1
8 9	20 49.26	−14 31.1	1.543	2.553	2.6	20.1
8 19	20 41.55	−15 26.9	1.567	2.550	6.9	20.3
8 29	20 35.33	−16 17.5	1.615	2.547	11.0	20.6
9 8	20 31.34	−16 59.3	1.686	2.544	14.6	20.8

174337 2002 TC_{177} 8 3.2 310°.35 2°.6/ 5.1 18

6 30	21 13.49	− 7 4.3	1.672	2.529	15.3	18.8
7 10	21 10.17	− 7 46.2	1.573	2.501	12.0	18.5
7 20	21 4.64	− 8 49.2	1.494	2.474	8.1	18.2
7 30	20 57.39	−10 11.0	1.440	2.447	4.0	17.9
8 9	20 49.30	−11 46.3	1.411	2.420	3.2	17.8
8 19	20 41.42	−13 27.6	1.409	2.393	7.4	18.0
8 29	20 34.88	−15 6.7	1.431	2.367	11.9	18.2
9 8	20 30.62	−16 36.5	1.476	2.341	16.0	18.4

343347 2010 CF_{59} 8 3.2 140°.95 2°.9/ 5.7 18

6 30	21 16.63	− 5 39.1	1.999	2.835	14.0	21.1
7 10	21 11.87	− 6 13.5	1.926	2.841	10.9	20.9
7 20	21 5.30	− 7 4.3	1.876	2.847	7.4	20.7
7 30	20 57.50	− 8 9.0	1.851	2.853	4.0	20.5
8 9	20 49.29	− 9 23.0	1.853	2.858	3.3	20.4
8 19	20 41.54	−10 40.8	1.883	2.864	6.2	20.6
8 29	20 35.07	−11 56.7	1.940	2.868	9.7	20.9
9 8	20 30.54	−13 6.2	2.021	2.873	12.8	21.1

93560 2000 UB_{37} 8 3.2 328°.55 1°.5/ 2.4 18

6 30	21 14.60	−18 11.4	1.291	2.189	16.3	19.2
7 10	21 11.52	−18 47.4	1.213	2.170	12.2	18.9
7 20	21 5.67	−19 34.5	1.155	2.151	7.4	18.6
7 30	20 57.73	−20 27.2	1.120	2.133	2.4	18.3
8 9	20 48.91	−21 17.9	1.108	2.116	4.0	18.3
8 19	20 40.61	−21 59.8	1.119	2.100	9.4	18.6
8 29	20 34.26	−22 28.0	1.152	2.085	14.3	18.8
9 8	20 30.88	−22 40.6	1.204	2.071	18.7	19.0

51217 2000 JV_{22} 8 3.2 191°.97 4°.3/ 5.8 18

6 30	21 20.53	− 5 10.1	1.975	2.802	14.4	19.6
7 10	21 14.81	− 4 50.9	1.895	2.801	11.5	19.4
7 20	21 7.12	− 4 45.8	1.836	2.799	8.2	19.2
7 30	20 58.07	− 4 54.5	1.803	2.797	5.2	19.0
8 9	20 48.52	− 5 15.1	1.796	2.794	4.5	19.0
8 19	20 39.43	− 5 44.7	1.817	2.791	7.0	19.1
8 29	20 31.70	− 6 19.2	1.863	2.787	10.3	19.3
9 8	20 26.05	− 6 54.6	1.933	2.782	13.4	19.5

483629 2004 TL_{241} 8 3.2 295°.46 4°.2/31.7 17

6 30	21 21.29	−29 19.2	2.177	3.049	11.6	21.0
7 10	21 15.49	−29 40.4	2.090	3.029	8.9	20.8
7 20	21 7.59	−29 58.6	2.027	3.009	6.1	20.6
7 30	20 58.23	−30 8.8	1.991	2.990	4.2	20.5
8 9	20 48.34	−30 7.0	1.981	2.970	5.3	20.5
8 19	20 38.93	−29 51.2	1.999	2.951	8.1	20.6
8 29	20 30.98	−29 21.1	2.042	2.932	11.2	20.8
9 8	20 25.23	−28 38.8	2.107	2.912	14.0	20.9

288763 2004 RC_{92} 8 3.2 311°.70 4°.6/ 6.8 18

6 30	21 14.03	− 2 33.4	2.126	2.949	13.7	20.5
7 10	21 9.93	− 2 28.8	2.041	2.942	11.0	20.3
7 20	21 4.14	− 2 40.0	1.978	2.935	8.1	20.1
7 30	20 57.18	− 3 6.9	1.940	2.928	5.5	19.9
8 9	20 49.77	− 3 47.3	1.927	2.922	4.7	19.9
8 19	20 42.70	− 4 37.7	1.941	2.915	6.6	20.0
8 29	20 36.76	− 5 33.4	1.981	2.909	9.5	20.1
9 8	20 32.59	− 6 29.8	2.044	2.903	12.4	20.3

87607 2000 RA_{44} 8 3.2 325°.07 1°.2/ 3.7 18

6 30	21 18.54	−15 18.1	1.371	2.255	16.5	18.0
7 10	21 14.24	−14 57.9	1.291	2.238	12.5	17.7
7 20	21 7.21	−14 46.2	1.231	2.222	7.9	17.4
7 30	20 58.18	−14 40.9	1.194	2.206	2.9	17.1
8 9	20 48.36	−14 39.0	1.182	2.191	3.1	17.1
8 19	20 39.12	−14 37.4	1.193	2.177	8.4	17.4
8 29	20 31.79	−14 33.3	1.227	2.164	13.3	17.6
9 8	20 27.32	−14 24.9	1.281	2.152	17.6	17.8

390666 2002 RW_{232} 8 3.2 283°.81 0°.1/ 3.3 18

6 30	21 18.29	−16 3.0	1.884	2.753	13.3	21.5
7 10	21 13.33	−16 13.5	1.805	2.745	10.0	21.3
7 20	21 6.30	−16 31.5	1.748	2.737	6.1	21.1
7 30	20 57.85	−16 53.9	1.717	2.730	1.9	20.8
8 9	20 48.87	−17 16.9	1.713	2.722	2.5	20.8
8 19	20 40.38	−17 37.1	1.735	2.715	6.7	21.1
8 29	20 33.34	−17 51.7	1.783	2.707	10.6	21.3
9 8	20 28.45	−17 59.1	1.853	2.700	14.0	21.5

474101 2016 LE_{12} 8 3.2 359°.74 4°.2/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.18	− 6 28.7	1.155	2.034	19.2	20.3
7 10	21 10.39	− 6 37.5	1.093	2.031	15.1	20.1
7 20	21 4.89	− 7 10.1	1.048	2.029	10.4	19.8
7 30	20 57.47	− 8 4.6	1.024	2.029	5.7	19.5
8 9	20 49.39	− 9 15.2	1.022	2.029	4.6	19.5
8 19	20 42.00	−10 33.5	1.043	2.031	8.7	19.7
8 29	20 36.64	−11 50.6	1.086	2.033	13.5	20.0
9 8	20 34.18	−12 58.9	1.148	2.037	17.8	20.3

391896 2008 UA_{91} 8 3.2 277°.75 0°.9/ 3.9 18

6 30	21 17.83	−11 44.9	1.996	2.851	13.2	21.3
7 10	21 13.16	−12 26.2	1.889	2.820	10.1	21.1
7 20	21 6.36	−13 21.4	1.805	2.789	6.4	20.8
7 30	20 57.94	−14 27.5	1.747	2.758	2.3	20.5
8 9	20 48.68	−15 39.7	1.716	2.726	2.5	20.4
8 19	20 39.56	−16 52.2	1.714	2.693	6.8	20.6
8 29	20 31.62	−17 59.3	1.737	2.660	11.0	20.8
9 8	20 25.72	−18 57.1	1.784	2.626	14.7	21.0

187825 1999 UP_{32} 8 3.2 316°.10 3°.3/31.9 18

6 30	21 16.67	−24 36.5	1.958	2.840	12.3	20.6
7 10	21 12.21	−25 19.9	1.879	2.827	9.2	20.3
7 20	21 5.68	−26 5.6	1.824	2.814	5.9	20.1
7 30	20 57.68	−26 47.9	1.794	2.801	3.4	19.9
8 9	20 49.14	−27 21.7	1.791	2.788	4.7	20.0
8 19	20 41.04	−27 43.2	1.814	2.776	8.1	20.2
8 29	20 34.39	−27 50.5	1.862	2.764	11.5	20.4
9 8	20 29.91	−27 43.8	1.931	2.753	14.5	20.5

520351 2014 GK_{63} 8 3.2 194°.40 5°.1/ 7.2 18

6 30	21 15.73	− 0 46.3	2.234	3.042	13.6	21.7
7 10	21 11.08	− 0 38.0	2.152	3.041	11.1	21.6
7 20	21 4.79	− 0 45.7	2.092	3.040	8.3	21.4
7 30	20 57.38	− 1 9.5	2.057	3.039	5.9	21.2
8 9	20 49.57	− 1 47.5	2.048	3.037	5.1	21.2
8 19	20 42.12	− 2 36.5	2.066	3.035	6.7	21.3
8 29	20 35.79	− 3 31.9	2.111	3.034	9.3	21.5
9 8	20 31.17	− 4 29.1	2.179	3.031	12.0	21.6

91964 1999 VS_{88} 8 3.2 187°.66 4°.2/ 7.0 18

6 30	21 14.84	− 1 23.5	2.794	3.595	11.4	20.3
7 10	21 10.12	− 1 15.7	2.709	3.594	9.2	20.2
7 20	21 4.07	− 1 20.5	2.647	3.593	6.9	20.0
7 30	20 57.15	− 1 37.6	2.611	3.592	4.9	19.9
8 9	20 49.91	− 2 5.6	2.602	3.590	4.2	19.8
8 19	20 42.95	− 2 42.2	2.621	3.588	5.6	19.9
8 29	20 36.89	− 3 24.2	2.668	3.586	7.8	20.1
9 8	20 32.19	− 4 8.2	2.740	3.584	10.1	20.2

498081 2007 RY_{207} 8 3.2 296°.62 6°.3/31.3 17

6 30	21 23.62	−28 52.3	1.287	2.181	16.6	21.8
7 10	21 18.44	−29 43.1	1.219	2.170	12.7	21.6
7 20	21 9.95	−30 32.5	1.172	2.159	8.8	21.3
7 30	20 59.05	−31 10.7	1.147	2.148	6.4	21.1
8 9	20 47.29	−31 29.3	1.146	2.137	8.0	21.2
8 19	20 36.41	−31 24.0	1.169	2.126	11.9	21.4
8 29	20 28.02	−30 55.0	1.212	2.116	16.2	21.6
9 8	20 23.13	−30 6.4	1.273	2.106	20.0	21.8

418239 2008 DW_{31} 8 3.2 176°.18 1°.1/ 2.5 17

6 30	21 21.55	−17 56.1	1.893	2.759	13.4	22.5
7 10	21 15.72	−18 37.0	1.822	2.762	9.9	22.3
7 20	21 7.74	−19 24.9	1.774	2.764	6.0	22.0
7 30	20 58.29	−20 15.1	1.752	2.765	1.9	21.8
8 9	20 48.36	−21 2.1	1.759	2.766	3.1	21.8
8 19	20 38.97	−21 41.5	1.793	2.766	7.2	22.1
8 29	20 31.14	−22 10.4	1.852	2.765	11.0	22.3
9 8	20 25.58	−22 27.7	1.934	2.764	14.2	22.5

321453 Alexmarieann 8 3.2 304°.18 11°.2/14.0 18

6 30	21 12.84	+18 28.7	2.297	2.982	16.5	20.4
7 10	21 9.19	+18 53.2	2.190	2.955	15.1	20.2
7 20	21 3.80	+18 51.7	2.099	2.928	13.6	20.0
7 30	20 57.13	+18 20.2	2.027	2.901	12.2	19.9
8 9	20 49.86	+17 17.2	1.976	2.875	11.3	19.8
8 19	20 42.75	+15 44.4	1.949	2.848	11.3	19.7
8 29	20 36.65	+13 46.6	1.945	2.821	12.3	19.7
9 8	20 32.26	+11 31.8	1.965	2.795	14.0	19.8

352533 2008 CX_{164} 8 3.2 139°.33 0°.6/ 2.8 18

6 30	21 17.96	−18 1.9	2.587	3.445	10.5	22.4
7 10	21 12.47	−18 25.0	2.519	3.455	7.7	22.2
7 20	21 5.49	−18 52.3	2.477	3.465	4.6	22.1
7 30	20 57.57	−19 20.9	2.462	3.475	1.4	21.9
8 9	20 49.38	−19 47.6	2.476	3.484	2.2	21.9
8 19	20 41.63	−20 9.9	2.519	3.493	5.4	22.2
8 29	20 35.00	−20 26.0	2.590	3.501	8.3	22.4
9 8	20 29.99	−20 34.9	2.684	3.509	10.8	22.5

391942 2008 VU_{39} 8 3.2 250°.53 0°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.57	−15 56.1	2.024	2.886	12.8	22.2
7 10	21 14.22	−16 7.8	1.936	2.873	9.6	22.0
7 20	21 6.85	−16 26.7	1.872	2.860	5.9	21.7
7 30	20 58.05	−16 49.9	1.833	2.846	1.8	21.4
8 9	20 48.68	−17 13.7	1.823	2.832	2.4	21.4
8 19	20 39.70	−17 34.8	1.839	2.818	6.5	21.7
8 29	20 32.07	−17 50.5	1.882	2.803	10.4	21.9
9 8	20 26.52	−17 59.2	1.948	2.788	13.7	22.1

139916 2001 RB_{118} 8 3.2 347°.62 1°.2/ 2.5 18

6 30	21 17.37	−18 53.0	1.809	2.687	13.4	19.4
7 10	21 12.72	−19 19.1	1.739	2.685	9.9	19.2
7 20	21 5.96	−19 51.2	1.691	2.683	6.0	19.0
7 30	20 57.78	−20 25.1	1.668	2.681	1.9	18.7
8 9	20 49.14	−20 55.9	1.672	2.679	3.1	18.8
8 19	20 41.05	−21 20.0	1.702	2.678	7.2	19.0
8 29	20 34.48	−21 34.7	1.757	2.677	11.0	19.2
9 8	20 30.14	−21 39.2	1.834	2.676	14.3	19.5

393078 2013 AO_{94} 8 3.2 303°.83 0°.3/ 3.1 18

6 30	21 18.13	−17 16.2	1.784	2.658	13.7	20.9
7 10	21 13.39	−17 27.0	1.702	2.645	10.2	20.6
7 20	21 6.45	−17 44.8	1.642	2.633	6.2	20.4
7 30	20 57.96	−18 6.1	1.608	2.621	1.9	20.1
8 9	20 48.88	−18 27.0	1.599	2.609	2.7	20.1
8 19	20 40.27	−18 43.7	1.617	2.597	7.2	20.3
8 29	20 33.18	−18 53.7	1.660	2.585	11.2	20.6
9 8	20 28.37	−18 55.6	1.725	2.574	14.8	20.8

126920 2002 EV_{131} 8 3.2 356°.15 0°.9/ 2.6 18

6 30	21 16.62	−18 34.1	2.173	3.043	11.8	20.2
7 10	21 11.84	−18 59.7	2.101	3.043	8.7	20.0
7 20	21 5.29	−19 30.5	2.052	3.042	5.2	19.8
7 30	20 57.57	−20 2.8	2.030	3.042	1.6	19.6
8 9	20 49.47	−20 32.9	2.035	3.042	2.6	19.6
8 19	20 41.83	−20 57.5	2.067	3.042	6.2	19.9
8 29	20 35.46	−21 14.3	2.126	3.042	9.6	20.1
9 8	20 30.95	−21 22.4	2.208	3.042	12.5	20.3

434697 2006 BS_{207} 8 3.2 149°.60 0°.8/ 2.6 17

6 30	21 19.14	−17 7.4	2.114	2.977	12.3	21.6
7 10	21 13.71	−17 52.6	2.046	2.985	9.1	21.4
7 20	21 6.43	−18 44.7	2.003	2.992	5.4	21.2
7 30	20 57.92	−19 39.4	1.987	2.999	1.7	21.0
8 9	20 49.02	−20 31.7	1.998	3.006	2.7	21.1
8 19	20 40.62	−21 17.4	2.038	3.012	6.4	21.3
8 29	20 33.58	−21 53.6	2.105	3.017	9.8	21.6
9 8	20 28.51	−22 19.0	2.194	3.022	12.8	21.8

481292 2005 YK_{120} 8 3.2 251°.78 2°.4/31.7 18

6 30	21 16.42	−22 0.6	2.713	3.579	9.8	22.0
7 10	21 11.60	−23 12.3	2.621	3.561	7.3	21.8
7 20	21 5.17	−24 28.7	2.554	3.542	4.5	21.6
7 30	20 57.56	−25 45.1	2.516	3.523	2.5	21.4
8 9	20 49.43	−26 56.6	2.507	3.504	3.6	21.5
8 19	20 41.48	−27 58.8	2.528	3.484	6.4	21.6
8 29	20 34.48	−28 48.9	2.575	3.463	9.2	21.8
9 8	20 29.05	−29 25.6	2.647	3.442	11.7	21.9

386365 2008 TG_{124} 8 3.2 254°.92 0°.9/ 2.7 18

6 30	21 20.39	−18 47.5	1.897	2.767	13.2	21.4
7 10	21 14.98	−19 5.0	1.813	2.755	9.8	21.1
7 20	21 7.39	−19 28.1	1.752	2.743	6.0	20.9
7 30	20 58.25	−19 52.9	1.717	2.730	1.9	20.6
8 9	20 48.53	−20 15.2	1.710	2.717	2.9	20.6
8 19	20 39.26	−20 31.5	1.729	2.704	7.2	20.9
8 29	20 31.48	−20 39.4	1.774	2.691	11.1	21.1
9 8	20 25.97	−20 38.2	1.841	2.678	14.5	21.3

108284 2001 HC_{61} 8 3.2 11°.43 1°.2/ 2.4 18

6 30	21 14.59	−15 29.2	1.563	2.446	14.8	18.7
7 10	21 10.94	−16 44.4	1.499	2.447	10.9	18.5
7 20	21 5.03	−18 12.5	1.456	2.449	6.5	18.3
7 30	20 57.54	−19 47.0	1.439	2.452	2.0	18.0
8 9	20 49.51	−21 19.4	1.448	2.455	3.4	18.1
8 19	20 42.05	−22 42.1	1.482	2.459	8.0	18.4
8 29	20 36.22	−23 49.5	1.541	2.463	12.1	18.6
9 8	20 32.80	−24 39.1	1.621	2.468	15.7	18.9

244408 2002 PK_{171} 8 3.2 329°.79 4°.8/ 6.4 18

6 30	21 14.92	− 3 59.0	1.688	2.530	15.8	20.6
7 10	21 11.01	− 3 55.6	1.609	2.523	12.7	20.4
7 20	21 5.01	− 4 10.8	1.551	2.517	9.1	20.2
7 30	20 57.54	− 4 44.1	1.516	2.511	5.9	20.0
8 9	20 49.51	− 5 32.7	1.505	2.505	4.9	19.9
8 19	20 41.92	− 6 31.6	1.521	2.500	7.5	20.0
8 29	20 35.77	− 7 34.9	1.560	2.495	11.1	20.2
9 8	20 31.81	− 8 36.6	1.622	2.491	14.6	20.5

358445 2007 DC_{117} 8 3.2 91°.09 1°.0/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.75	−18 0.3	2.355	3.221	11.1	20.4
7 10	21 11.02	−18 46.9	2.292	3.233	8.1	20.2
7 20	21 4.72	−19 39.1	2.255	3.245	4.8	20.0
7 30	20 57.39	−20 32.8	2.244	3.256	1.6	19.8
8 9	20 49.77	−21 23.6	2.262	3.268	2.6	19.9
8 19	20 42.59	−22 7.9	2.307	3.279	5.9	20.2
8 29	20 36.59	−22 43.2	2.380	3.291	8.9	20.4
9 8	20 32.28	−23 8.3	2.475	3.302	11.6	20.6

340275 2006 BY_{212} 8 3.2 226°.63 1°.5/ 4.4 17

6 30	21 17.00	− 9 29.5	1.984	2.833	13.5	21.3
7 10	21 12.35	−10 17.9	1.899	2.826	10.3	21.1
7 20	21 5.75	−11 21.3	1.837	2.819	6.6	20.9
7 30	20 57.77	−12 36.4	1.801	2.811	2.8	20.6
8 9	20 49.22	−13 57.7	1.793	2.803	2.4	20.6
8 19	20 41.02	−15 19.2	1.813	2.794	6.4	20.8
8 29	20 34.09	−16 35.2	1.860	2.785	10.2	21.0
9 8	20 29.15	−17 41.6	1.930	2.776	13.6	21.2

482398 2012 BV_{16} 8 3.2 118°.41 4°.1/30.4 18

6 30	21 16.72	−27 7.0	2.355	3.231	10.7	20.9
7 10	21 11.94	−28 22.9	2.293	3.235	8.1	20.7
7 20	21 5.38	−29 39.0	2.256	3.239	5.5	20.6
7 30	20 57.62	−30 49.5	2.246	3.242	4.1	20.5
8 9	20 49.46	−31 48.9	2.263	3.246	5.3	20.6
8 19	20 41.72	−32 33.7	2.308	3.250	7.8	20.7
8 29	20 35.23	−33 2.2	2.378	3.253	10.4	20.9
9 8	20 30.60	−33 14.8	2.470	3.257	12.7	21.1

48460 1991 RH_{6} 8 3.3 325°.83 6°.3/31.1 18

6 30	21 19.56	−28 9.9	1.229	2.131	16.6	18.3
7 10	21 15.54	−29 5.2	1.161	2.116	12.7	18.0
7 20	21 8.28	−30 0.6	1.114	2.103	8.8	17.7
7 30	20 58.62	−30 46.3	1.088	2.089	6.3	17.6
8 9	20 48.08	−31 13.3	1.085	2.077	8.0	17.6
8 19	20 38.34	−31 16.3	1.105	2.066	12.1	17.8
8 29	20 31.02	−30 54.9	1.145	2.055	16.4	18.0
9 8	20 27.14	−30 12.5	1.203	2.045	20.3	18.3

47367 1999 XB_{87} 8 3.3 318°.12 1°.7/ 2.3 18

6 30	21 14.60	−16 59.9	1.209	2.108	17.1	18.1
7 10	21 11.82	−17 54.2	1.127	2.084	12.8	17.8
7 20	21 6.07	−19 4.6	1.065	2.061	7.8	17.5
7 30	20 58.00	−20 24.4	1.025	2.038	2.6	17.1
8 9	20 48.83	−21 44.2	1.008	2.016	4.4	17.1
8 19	20 40.09	−22 54.7	1.014	1.995	10.1	17.4
8 29	20 33.37	−23 48.6	1.042	1.975	15.5	17.6
9 8	20 29.83	−24 22.4	1.087	1.956	20.2	17.8

96147 3851 $T\text{-}_{3}$ 8 3.3 239°.83 3°.6/ 6.3 18

6 30	21 14.57	− 4 13.1	2.471	3.292	12.1	20.4
7 10	21 10.15	− 4 16.7	2.383	3.285	9.6	20.2
7 20	21 4.24	− 4 33.5	2.318	3.279	6.9	20.0
7 30	20 57.29	− 5 2.6	2.279	3.272	4.4	19.9
8 9	20 49.96	− 5 41.8	2.267	3.265	3.7	19.8
8 19	20 42.92	− 6 28.1	2.283	3.258	5.7	19.9
8 29	20 36.86	− 7 17.7	2.326	3.251	8.4	20.1
9 8	20 32.35	− 8 6.8	2.393	3.244	11.1	20.2

42740 1998 RY_{62} 8 3.3 282°.97 4°.1/31.2 18

6 30	21 18.65	−28 34.8	2.289	3.163	11.1	19.1
7 10	21 13.42	−29 13.7	2.216	3.156	8.4	18.9
7 20	21 6.31	−29 51.0	2.166	3.148	5.7	18.7
7 30	20 57.93	−30 21.6	2.143	3.141	4.1	18.6
8 9	20 49.13	−30 41.3	2.147	3.134	5.1	18.7
8 19	20 40.80	−30 47.6	2.178	3.126	7.8	18.8
8 29	20 33.82	−30 39.8	2.234	3.119	10.6	19.0
9 8	20 28.83	−30 19.0	2.312	3.112	13.1	19.2

113137 2002 RX_{87} 8 3.3 339°.78 1°.6/ 2.6 18

6 30	21 15.60	−19 33.3	1.073	1.981	18.0	18.9
7 10	21 12.68	−19 46.4	1.005	1.966	13.5	18.6
7 20	21 6.58	−20 7.9	0.956	1.953	8.3	18.2
7 30	20 58.14	−20 32.1	0.927	1.940	2.7	17.9
8 9	20 48.81	−20 52.4	0.921	1.929	4.3	17.9
8 19	20 40.24	−21 3.2	0.936	1.920	10.1	18.2
8 29	20 34.04	−21 1.2	0.971	1.912	15.5	18.5
9 8	20 31.23	−20 45.9	1.024	1.906	20.1	18.8

339185 2004 TN_{159} 8 3.3 310°.16 7°.0/30.2 18

6 30	21 21.05	−31 26.1	1.507	2.396	14.9	19.9
7 10	21 16.30	−32 26.3	1.433	2.378	11.6	19.7
7 20	21 8.59	−33 23.5	1.380	2.361	8.5	19.5
7 30	20 58.72	−34 8.6	1.351	2.343	7.0	19.3
8 9	20 48.01	−34 33.6	1.347	2.326	8.5	19.4
8 19	20 37.97	−34 34.2	1.365	2.310	11.8	19.5
8 29	20 30.05	−34 10.2	1.406	2.293	15.4	19.7
9 8	20 25.24	−33 25.2	1.464	2.278	18.7	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
424278 2007 TQ_{101}			8 3.3	15°.21	7°.6/30.9	17
	h m	° ′			°	m
6 30	21 19.33	−29 7.4	0.967	1.882	18.9	19.9
7 10	21 15.67	−30 12.5	0.924	1.885	14.4	19.6
7 20	21 8.37	−31 14.4	0.900	1.890	10.1	19.4
7 30	20 58.62	−32 1.2	0.896	1.896	7.6	19.3
8 9	20 48.30	−32 23.1	0.913	1.903	9.3	19.4
8 19	20 39.32	−32 16.5	0.950	1.912	13.4	19.7
8 29	20 33.29	−31 43.0	1.006	1.922	17.6	20.0
9 8	20 31.03	−30 48.3	1.078	1.932	21.3	20.2
256370 2006 YS_{3}			8 3.3	194°.67	4°.0/ 6.5	18
6 30	21 15.96	− 3 21.0	2.478	3.293	12.2	20.5
7 10	21 11.14	− 3 12.0	2.395	3.291	9.8	20.3
7 20	21 4.81	− 3 15.8	2.334	3.290	7.2	20.2
7 30	20 57.47	− 3 32.2	2.299	3.288	4.8	20.0
8 9	20 49.77	− 3 59.4	2.291	3.286	4.1	20.0
8 19	20 42.40	− 4 34.8	2.311	3.283	5.9	20.1
8 29	20 36.04	− 5 14.9	2.358	3.280	8.5	20.2
9 8	20 31.24	− 5 56.1	2.430	3.277	11.1	20.4
264983 2003 BN_{80}			8 3.3	63°.91	5°.3/ 1.1	18
6 30	21 27.18	−30 4.2	1.527	2.407	15.3	19.5
7 10	21 20.27	−30 22.4	1.474	2.417	11.6	19.3
7 20	21 10.61	−30 34.9	1.443	2.426	7.9	19.1
7 30	20 59.23	−30 35.1	1.436	2.436	5.4	19.0
8 9	20 47.57	−30 18.4	1.455	2.446	6.5	19.1
8 19	20 37.04	−29 44.0	1.499	2.456	9.9	19.3
8 29	20 28.84	−28 54.1	1.567	2.466	13.4	19.5
9 8	20 23.66	−27 52.6	1.656	2.477	16.6	19.8
25068 1998 QV_{88}			8 3.3	346°.36	8°.0/ 5.5	18
6 30	21 10.97	− 7 19.6	0.909	1.809	21.3	16.6
7 10	21 9.44	− 5 47.6	0.842	1.789	17.3	16.3
7 20	21 4.73	− 4 31.4	0.791	1.772	12.9	16.0
7 30	20 57.63	− 3 36.4	0.759	1.758	9.0	15.7
8 9	20 49.54	− 3 5.1	0.745	1.745	8.3	15.6
8 19	20 42.12	− 2 56.6	0.750	1.736	11.7	15.8
8 29	20 37.04	− 3 6.2	0.774	1.728	16.4	16.0
9 8	20 35.44	− 3 26.2	0.813	1.724	21.0	16.3
44247 1998 QR_{40}			8 3.3	323°.41	2°.7/ 4.7	18
6 30	21 16.46	−10 18.6	1.602	2.467	15.4	18.3
7 10	21 12.34	−10 12.0	1.521	2.455	11.9	18.1
7 20	21 5.93	−10 18.7	1.462	2.444	7.9	17.8
7 30	20 57.90	−10 37.2	1.426	2.434	3.9	17.6
8 9	20 49.24	−11 4.4	1.416	2.424	3.4	17.5
8 19	20 41.04	−11 36.0	1.430	2.414	7.4	17.7
8 29	20 34.42	−12 7.7	1.469	2.405	11.6	18.0
9 8	20 30.18	−12 35.6	1.529	2.396	15.4	18.2
420799 2013 HC_{6}			8 3.3	16°.72	3°.6/ 1.2	17
6 30	21 15.84	−19 44.3	1.020	1.930	18.5	20.0
7 10	21 12.82	−21 4.7	0.971	1.934	13.7	19.8
7 20	21 6.59	−22 36.8	0.941	1.938	8.3	19.5
7 30	20 58.13	−24 9.8	0.933	1.944	3.9	19.2
8 9	20 49.00	−25 31.7	0.946	1.950	6.0	19.4
8 19	20 40.86	−26 33.4	0.982	1.958	11.1	19.7
8 29	20 35.22	−27 10.6	1.038	1.966	16.0	20.0
9 8	20 32.98	−27 23.7	1.111	1.975	20.1	20.3
62122 2000 RS_{102}			8 3.3	56°.03	0°.2/ 3.2	18
6 30	21 24.86	−18 53.0	1.460	2.337	16.0	17.4
7 10	21 18.38	−18 33.8	1.409	2.353	11.9	17.2
7 20	21 9.39	−18 19.2	1.379	2.370	7.2	17.0
7 30	20 58.87	−18 5.9	1.374	2.387	2.1	16.7
8 9	20 48.11	−17 51.0	1.395	2.404	2.9	16.8
8 19	20 38.39	−17 32.9	1.441	2.422	7.7	17.2
8 29	20 30.80	−17 10.7	1.512	2.439	12.0	17.5
9 8	20 25.99	−16 44.5	1.605	2.457	15.5	17.7
353900 2012 XE_{53}			8 3.3	293°.14	1°.9/ 4.4	18
6 30	21 18.33	−11 59.3	1.918	2.775	13.6	20.7
7 10	21 13.34	−11 50.3	1.838	2.768	10.4	20.5
7 20	21 6.36	−11 50.7	1.780	2.762	6.7	20.3
7 30	20 58.00	−11 59.0	1.747	2.756	3.0	20.0
8 9	20 49.16	−12 12.6	1.741	2.749	2.8	20.0
8 19	20 40.77	−12 28.7	1.762	2.743	6.5	20.2
8 29	20 33.77	−12 44.1	1.809	2.737	10.2	20.4
9 8	20 28.85	−12 56.5	1.878	2.731	13.6	20.6
240657 2005 CT_{58}			8 3.3	145°.75	0°.2/ 3.1	18
6 30	21 18.23	−15 30.8	2.155	3.015	12.2	20.9
7 10	21 13.02	−16 8.2	2.086	3.022	9.0	20.7
7 20	21 6.04	−16 53.4	2.041	3.029	5.5	20.5
7 30	20 57.88	−17 42.6	2.023	3.036	1.6	20.2
8 9	20 49.35	−18 31.3	2.033	3.042	2.3	20.3
8 19	20 41.29	−19 15.6	2.071	3.047	6.1	20.6
8 29	20 34.53	−19 52.3	2.135	3.052	9.5	20.8
9 8	20 29.66	−20 19.7	2.223	3.057	12.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
504095 2006 DO_{88}			8 3.3	124°.38	3°.5/ 6.2	17
	h m	° ′			°	m
6 30	21 17.76	− 4 15.7	2.131	2.955	13.6	21.9
7 10	21 12.60	− 4 39.2	2.064	2.969	10.7	21.7
7 20	21 5.74	− 5 18.3	2.019	2.983	7.5	21.5
7 30	20 57.79	− 6 11.1	2.000	2.997	4.5	21.4
8 9	20 49.51	− 7 13.8	2.008	3.010	3.6	21.4
8 19	20 41.71	− 8 21.5	2.045	3.023	6.0	21.5
8 29	20 35.17	− 9 29.4	2.108	3.035	9.1	21.7
9 8	20 30.45	−10 33.1	2.196	3.046	12.0	22.0
55829 1995 UG_{12}			8 3.3	343°.60	0°.4/ 3.0	18
6 30	21 16.69	−17 2.6	1.874	2.747	13.2	19.5
7 10	21 12.19	−17 21.8	1.801	2.744	9.8	19.3
7 20	21 5.68	−17 48.0	1.750	2.741	5.9	19.1
7 30	20 57.81	−18 17.8	1.725	2.738	1.8	18.8
8 9	20 49.48	−18 46.9	1.726	2.735	2.6	18.8
8 19	20 41.66	−19 11.7	1.754	2.733	6.7	19.1
8 29	20 35.27	−19 29.4	1.807	2.731	10.5	19.3
9 8	20 31.00	−19 38.5	1.882	2.729	13.8	19.5
233349 2006 DM_{41}			8 3.3	107°.49	3°.6/ 5.0	18
6 30	21 22.01	− 9 2.9	1.807	2.651	14.9	19.7
7 10	21 16.03	− 8 25.7	1.736	2.656	11.6	19.5
7 20	21 7.96	− 7 59.4	1.688	2.662	7.9	19.3
7 30	20 58.49	− 7 44.0	1.665	2.667	4.5	19.1
8 9	20 48.61	− 7 37.9	1.669	2.672	4.0	19.1
8 19	20 39.35	− 7 39.1	1.700	2.677	7.1	19.3
8 29	20 31.67	− 7 44.8	1.756	2.682	10.7	19.5
9 8	20 26.25	− 7 52.0	1.835	2.687	13.9	19.8
474517 2003 UV_{204}			8 3.3	321°.30	10°.2/27.9	18
6 30	21 22.57	−39 2.5	1.511	2.392	15.3	20.4
7 10	21 17.68	−40 20.2	1.447	2.376	12.8	20.2
7 20	21 9.55	−41 27.8	1.403	2.360	10.8	20.1
7 30	20 59.08	−42 14.2	1.381	2.344	10.2	20.0
8 9	20 47.77	−42 31.3	1.382	2.329	11.5	20.0
8 19	20 37.32	−42 15.7	1.405	2.315	14.1	20.2
8 29	20 29.30	−41 29.3	1.448	2.302	17.0	20.3
9 8	20 24.68	−40 18.2	1.508	2.289	19.7	20.5
482187 2010 UW_{62}			8 3.3	307°.56	6°.6/ 7.6	18
6 30	21 15.85	+ 1 19.9	2.191	2.990	14.1	20.5
7 10	21 11.31	+ 2 2.9	2.104	2.981	11.8	20.3
7 20	21 5.07	+ 2 30.4	2.038	2.972	9.4	20.1
7 30	20 57.63	+ 2 40.5	1.996	2.963	7.3	20.0
8 9	20 49.72	+ 2 33.7	1.979	2.954	6.6	19.9
8 19	20 42.12	+ 2 11.5	1.989	2.946	7.8	20.0
8 29	20 35.64	+ 1 37.6	2.023	2.937	10.1	20.1
9 8	20 30.90	+ 0 56.6	2.081	2.929	12.6	20.3
320809 2008 EK_{167}			8 3.3	38°.98	4°.8/31.4	18
6 30	21 19.61	−24 28.8	1.347	2.243	15.9	19.7
7 10	21 15.08	−25 44.8	1.294	2.248	11.8	19.4
7 20	21 7.74	−27 4.3	1.263	2.254	7.6	19.2
7 30	20 58.48	−28 17.9	1.255	2.260	4.9	19.1
8 9	20 48.64	−29 16.5	1.272	2.267	6.6	19.2
8 19	20 39.68	−29 54.6	1.312	2.274	10.5	19.4
8 29	20 32.89	−30 10.4	1.375	2.281	14.5	19.7
9 8	20 29.10	−30 5.7	1.457	2.288	17.9	19.9
494247 2016 QR_{6}			8 3.3	343°.57	3°.1/ 4.7	18
6 30	21 16.40	−10 48.6	1.338	2.215	17.2	20.3
7 10	21 12.62	−10 26.8	1.266	2.206	13.3	20.0
7 20	21 6.26	−10 18.8	1.213	2.198	8.8	19.7
7 30	20 58.05	−10 23.6	1.183	2.190	4.4	19.5
8 9	20 49.16	−10 38.4	1.176	2.184	3.9	19.4
8 19	20 40.89	−10 59.1	1.193	2.179	8.2	19.6
8 29	20 34.49	−11 21.1	1.233	2.174	12.8	19.9
9 8	20 30.83	−11 40.4	1.293	2.171	17.0	20.1
91006 Fleming			8 3.3	273°.78	9°.4/28.5	18
6 30	21 26.83	−39 35.7	1.729	2.596	14.4	19.7
7 10	21 20.48	−40 43.7	1.663	2.584	12.0	19.5
7 20	21 11.08	−41 41.1	1.619	2.571	10.0	19.3
7 30	20 59.52	−42 18.1	1.599	2.559	9.4	19.3
8 9	20 47.24	−42 27.8	1.603	2.546	10.5	19.3
8 19	20 35.84	−42 7.7	1.630	2.533	12.9	19.4
8 29	20 26.74	−41 20.0	1.678	2.521	15.6	19.6
9 8	20 20.86	−40 10.4	1.745	2.508	18.1	19.7
521877 2015 TW_{379}			8 3.3	307°.87	5°.7/29.2	18
6 30	21 16.51	−29 28.3	2.007	2.891	12.0	20.5
7 10	21 12.37	−30 56.0	1.924	2.868	9.3	20.3
7 20	21 6.01	−32 24.9	1.865	2.845	6.7	20.1
7 30	20 57.99	−33 47.5	1.832	2.822	5.7	20.0
8 9	20 49.21	−34 56.1	1.825	2.799	7.1	20.1
8 19	20 40.73	−35 45.7	1.844	2.777	9.9	20.2
8 29	20 33.67	−36 13.6	1.886	2.755	13.0	20.3
9 8	20 28.88	−36 20.6	1.948	2.733	15.7	20.5

142787 2002 UD_{15} 8 3.3 260.°79 2.°0/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.43	− 8 12.5	2.067	2.913	13.2	19.6
7 10	21 11.15	− 8 50.5	1.980	2.903	10.2	19.4
7 20	21 5.05	− 9 43.4	1.916	2.893	6.7	19.1
7 30	20 57.65	−10 48.6	1.877	2.883	3.2	18.9
8 9	20 49.72	−12 1.6	1.865	2.873	2.6	18.8
8 19	20 42.10	−13 17.0	1.881	2.863	6.1	19.0
8 29	20 35.67	−14 29.6	1.924	2.853	9.7	19.2
9 8	20 31.09	−15 34.8	1.991	2.842	13.0	19.4

472094 2013 YD_{149} 8 3.3 197.°19 1.°3/ 2.2 18

6 30	21 18.88	−18 29.8	2.169	3.034	11.9	21.8
7 10	21 13.63	−19 18.5	2.092	3.032	8.8	21.6
7 20	21 6.50	−20 13.6	2.039	3.029	5.3	21.4
7 30	20 58.08	−21 10.6	2.013	3.025	1.8	21.1
8 9	20 49.18	−22 4.5	2.016	3.021	3.0	21.2
8 19	20 40.69	−22 50.9	2.046	3.017	6.6	21.5
8 29	20 33.48	−23 26.8	2.103	3.012	10.0	21.7
9 8	20 28.22	−23 51.2	2.183	3.007	13.0	21.8

91145 1998 OX 8 3.3 284.°92 2.°5/ 4.9 18

6 30	21 17.11	− 9 56.9	2.246	3.091	12.3	19.5
7 10	21 12.18	− 9 43.0	2.162	3.084	9.5	19.3
7 20	21 5.56	− 9 38.3	2.101	3.077	6.4	19.1
7 30	20 57.78	− 9 41.9	2.066	3.071	3.3	18.9
8 9	20 49.59	− 9 52.0	2.058	3.064	2.9	18.9
8 19	20 41.77	−10 6.1	2.078	3.058	5.8	19.1
8 29	20 35.11	−10 21.7	2.125	3.051	9.1	19.3
9 8	20 30.21	−10 36.3	2.195	3.045	12.0	19.5

191038 2002 CD_{21} 8 3.3 202.°57 0.°0/ 3.1 18

6 30	21 23.31	−17 44.7	1.993	2.854	13.0	20.4
7 10	21 16.95	−17 38.7	1.915	2.851	9.8	20.2
7 20	21 8.52	−17 37.0	1.860	2.848	6.0	20.0
7 30	20 58.69	−17 37.2	1.831	2.844	1.8	19.7
8 9	20 48.40	−17 36.2	1.831	2.840	2.4	19.7
8 19	20 38.67	−17 31.9	1.859	2.836	6.6	20.0
8 29	20 30.45	−17 23.0	1.913	2.831	10.3	20.2
9 8	20 24.45	−17 9.0	1.990	2.826	13.6	20.4

404827 2014 JP_{74} 8 3.3 11.°14 7.°3/ 8.2 15

6 30	21 12.98	+ 0 52.2	1.591	2.420	17.3	20.4
7 10	21 9.60	+ 1 23.9	1.527	2.424	14.3	20.3
7 20	21 4.18	+ 1 33.6	1.481	2.429	11.1	20.1
7 30	20 57.38	+ 1 19.9	1.457	2.435	8.4	19.9
8 9	20 50.15	+ 0 44.8	1.457	2.442	7.3	19.9
8 19	20 43.46	− 0 7.5	1.480	2.450	8.7	20.0
8 29	20 38.28	− 1 10.7	1.527	2.459	11.5	20.2
9 8	20 35.26	− 2 17.7	1.595	2.469	14.5	20.4

481480 2007 CZ_{8} 8 3.3 167.°47 0.°0/ 3.1 18

6 30	21 15.43	−14 17.4	2.531	3.386	10.8	21.9
7 10	21 10.79	−15 7.4	2.455	3.389	8.0	21.8
7 20	21 4.65	−16 5.8	2.404	3.391	4.9	21.6
7 30	20 57.50	−17 8.8	2.380	3.393	1.5	21.3
8 9	20 49.99	−18 12.3	2.386	3.395	2.0	21.4
8 19	20 42.81	−19 12.2	2.420	3.396	5.3	21.6
8 29	20 36.66	−20 5.1	2.482	3.397	8.4	21.8
9 8	20 32.07	−20 48.9	2.568	3.398	11.1	22.0

329749 2004 BA_{126} 8 3.3 188.°62 1.°5/ 2.4 17

6 30	21 21.68	−19 6.8	1.716	2.589	14.2	22.1
7 10	21 16.10	−19 42.6	1.645	2.589	10.5	21.9
7 20	21 8.17	−20 25.0	1.597	2.588	6.4	21.7
7 30	20 58.62	−21 8.8	1.575	2.587	2.2	21.4
8 9	20 48.52	−21 48.3	1.579	2.586	3.5	21.5
8 19	20 39.02	−22 19.0	1.610	2.584	7.8	21.7
8 29	20 31.24	−22 38.3	1.666	2.581	11.8	22.0
9 8	20 25.93	−22 45.4	1.743	2.579	15.2	22.2

474603 2004 RL_{232} 8 3.3 324.°64 4.°3/ 1.2 18

6 30	21 18.80	−25 15.5	1.351	2.249	15.8	21.0
7 10	21 14.74	−25 50.3	1.276	2.230	11.9	20.7
7 20	21 7.73	−26 27.2	1.221	2.213	7.7	20.4
7 30	20 58.57	−26 58.9	1.188	2.196	4.5	20.2
8 9	20 48.54	−27 18.2	1.180	2.180	6.1	20.2
8 19	20 39.17	−27 20.5	1.195	2.164	10.4	20.4
8 29	20 31.90	−27 4.3	1.232	2.150	14.9	20.6
9 8	20 27.74	−26 31.5	1.287	2.136	18.8	20.9

321826 2010 RO_{59} 8 3.3 341.°71 5.°9/ 6.1 18

6 30	21 14.70	− 5 24.5	1.113	1.988	20.0	20.4
7 10	21 11.77	− 4 59.5	1.045	1.979	16.0	20.1
7 20	21 5.96	− 4 57.4	0.994	1.970	11.5	19.9
7 30	20 58.03	− 5 19.2	0.963	1.963	7.2	19.6
8 9	20 49.26	− 6 1.7	0.953	1.956	6.1	19.5
8 19	20 41.15	− 6 58.7	0.966	1.951	9.6	19.7
8 29	20 35.12	− 8 1.9	0.999	1.947	14.3	20.0
9 8	20 32.19	− 9 2.9	1.051	1.944	18.8	20.2

150747 2001 QL_{118} 8 3.3 167.°20 4.°7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 28.19	−29 19.0	1.658	2.532	14.6	19.6
7 10	21 21.00	−29 30.2	1.593	2.532	11.1	19.4
7 20	21 11.13	−29 36.5	1.550	2.533	7.4	19.2
7 30	20 59.50	−29 31.8	1.532	2.534	4.8	19.1
8 9	20 47.46	−29 11.7	1.541	2.534	5.9	19.1
8 19	20 36.38	−28 35.3	1.576	2.535	9.3	19.3
8 29	20 27.48	−27 44.3	1.636	2.535	13.0	19.5
9 8	20 21.50	−26 42.5	1.717	2.535	16.2	19.8

507407 2012 KY_{24} 8 3.3 61.°21 1.°9/ 2.2 17

6 30	21 20.48	−18 51.9	1.355	2.242	16.3	21.0
7 10	21 15.47	−19 39.1	1.306	2.257	12.0	20.8
7 20	21 7.84	−20 34.2	1.279	2.272	7.2	20.5
7 30	20 58.51	−21 30.4	1.275	2.287	2.5	20.3
8 9	20 48.78	−22 20.1	1.296	2.303	4.0	20.4
8 19	20 39.98	−22 58.1	1.342	2.318	8.7	20.8
8 29	20 33.29	−23 21.5	1.411	2.334	13.0	21.1
9 8	20 29.43	−23 30.0	1.501	2.350	16.6	21.3

98858 2001 AT_{41} 8 3.3 262.°10 0.°5/ 3.0 18

6 30	21 22.50	−18 51.3	1.945	2.810	13.1	20.0
7 10	21 16.58	−18 49.7	1.855	2.794	9.8	19.7
7 20	21 8.44	−18 52.1	1.789	2.778	6.0	19.5
7 30	20 58.73	−18 55.4	1.749	2.761	1.8	19.1
8 9	20 48.41	−18 56.5	1.736	2.745	2.7	19.2
8 19	20 38.52	−18 52.7	1.751	2.728	7.0	19.4
8 29	20 30.13	−18 42.8	1.792	2.710	10.9	19.6
9 8	20 24.00	−18 26.2	1.855	2.693	14.4	19.8

252197 2001 FW_{59} 8 3.3 247.°24 5.°4/ 9.1 18

6 30	21 14.19	+ 5 3.5	2.811	3.575	12.1	21.0
7 10	21 9.82	+ 4 46.1	2.706	3.559	10.2	20.9
7 20	21 4.08	+ 4 11.1	2.624	3.543	8.2	20.7
7 30	20 57.36	+ 3 18.2	2.566	3.526	6.3	20.6
8 9	20 50.23	+ 2 9.4	2.536	3.509	5.4	20.5
8 19	20 43.29	+ 0 47.7	2.534	3.492	6.3	20.5
8 29	20 37.16	− 0 42.1	2.560	3.474	8.2	20.6
9 8	20 32.38	− 2 14.8	2.612	3.456	10.5	20.7

441824 2009 RO_{61} 8 3.3 13.°12 10.°1/11.4 18

6 30	21 11.94	+ 8 58.0	1.671	2.454	18.4	19.9
7 10	21 8.78	+ 9 40.2	1.608	2.460	16.0	19.8
7 20	21 3.68	+ 9 55.4	1.561	2.466	13.5	19.6
7 30	20 57.26	+ 9 40.9	1.535	2.474	11.3	19.5
8 9	20 50.41	+ 8 57.4	1.530	2.483	10.2	19.5
8 19	20 44.08	+ 7 49.0	1.548	2.493	10.6	19.5
8 29	20 39.16	+ 6 22.7	1.589	2.504	12.3	19.6
9 8	20 36.32	+ 4 47.1	1.651	2.515	14.6	19.8

92945 2000 RQ_{39} 8 3.3 349.°47 12.°4/25.9 18

6 30	21 20.21	−41 10.5	1.295	2.184	16.9	17.8
7 10	21 16.38	−43 2.2	1.248	2.177	14.4	17.6
7 20	21 8.96	−44 40.0	1.221	2.171	12.7	17.5
7 30	20 58.97	−45 50.6	1.215	2.166	12.6	17.4
8 9	20 48.15	−46 24.5	1.229	2.162	14.0	17.5
8 19	20 38.43	−46 18.4	1.263	2.158	16.4	17.7
8 29	20 31.51	−45 35.6	1.315	2.156	19.1	17.8
9 8	20 28.36	−44 23.6	1.382	2.155	21.6	18.0

129568 1997 GE_{11} 8 3.3 217.°84 1.°6/ 4.5 18

6 30	21 18.49	−11 0.1	2.232	3.078	12.4	20.8
7 10	21 13.28	−11 14.7	2.146	3.070	9.4	20.6
7 20	21 6.30	−11 39.6	2.082	3.062	6.1	20.4
7 30	20 58.07	−12 12.6	2.045	3.054	2.7	20.2
8 9	20 49.36	−12 50.4	2.036	3.045	2.4	20.1
8 19	20 41.00	−13 29.6	2.055	3.035	5.8	20.3
8 29	20 33.81	−14 6.6	2.101	3.025	9.3	20.5
9 8	20 28.43	−14 38.7	2.171	3.014	12.4	20.7

35550 1998 FD_{109} 8 3.3 302.°60 4.°8/ 6.7 18

6 30	21 15.25	− 2 50.8	2.065	2.889	14.0	18.8
7 10	21 10.97	− 2 39.4	1.981	2.882	11.3	18.6
7 20	21 4.93	− 2 43.7	1.918	2.875	8.3	18.4
7 30	20 57.66	− 3 3.6	1.880	2.869	5.7	18.2
8 9	20 49.92	− 3 37.3	1.868	2.862	4.9	18.2
8 19	20 42.53	− 4 21.3	1.882	2.856	6.8	18.3
8 29	20 36.33	− 5 11.3	1.922	2.850	9.8	18.4
9 8	20 31.95	− 6 2.5	1.985	2.844	12.7	18.6

218602 2005 NE_{69} 8 3.3 33.°20 0.°8/ 3.7 17

6 30	21 18.87	−14 10.9	1.262	2.147	17.5	20.0
7 10	21 14.45	−14 22.1	1.207	2.155	13.1	19.7
7 20	21 7.32	−14 46.0	1.172	2.163	8.1	19.5
7 30	20 58.41	−15 18.5	1.160	2.172	2.8	19.2
8 9	20 49.01	−15 53.9	1.171	2.182	3.0	19.2
8 19	20 40.49	−16 26.7	1.207	2.192	8.2	19.6
8 29	20 34.08	−16 52.5	1.265	2.202	13.0	19.9
9 8	20 30.55	−17 9.0	1.344	2.213	17.0	20.2

228508 2001 TS_{52} 8 3.3 324°.90 1°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.93	−17 50.8	1.241	2.140	16.8	20.2
7 10	21 12.00	−18 31.4	1.162	2.119	12.6	19.9
7 20	21 6.19	−19 24.6	1.103	2.099	7.7	19.6
7 30	20 58.18	−20 24.6	1.066	2.079	2.5	19.2
8 9	20 49.19	−21 23.1	1.052	2.060	4.1	19.3
8 19	20 40.70	−22 12.6	1.061	2.043	9.7	19.5
8 29	20 34.20	−22 47.4	1.092	2.026	14.8	19.8
9 8	20 30.78	−23 5.1	1.141	2.011	19.3	20.0

401073 2011 UC_{82} 8 3.3 85°.47 4°.5/ 6.5 17

6 30	21 17.66	− 3 33.8	2.203	3.022	13.4	20.8
7 10	21 12.47	− 3 13.2	2.139	3.037	10.7	20.6
7 20	21 5.68	− 3 6.3	2.096	3.052	7.8	20.5
7 30	20 57.86	− 3 12.9	2.079	3.068	5.3	20.4
8 9	20 49.76	− 3 31.3	2.089	3.083	4.5	20.3
8 19	20 42.16	− 3 58.6	2.126	3.098	6.3	20.5
8 29	20 35.78	− 4 31.3	2.190	3.113	9.0	20.7
9 8	20 31.16	− 5 5.6	2.277	3.127	11.6	20.9

440926 2006 XM_{6} 8 3.3 202°.45 5°.5/29.5 18

6 30	21 19.98	−32 56.1	2.389	3.258	10.9	21.1
7 10	21 14.49	−34 0.9	2.324	3.255	8.5	21.0
7 20	21 7.06	−35 1.7	2.283	3.253	6.4	20.8
7 30	20 58.32	−35 52.5	2.269	3.250	5.5	20.8
8 9	20 49.12	−36 28.4	2.282	3.247	6.6	20.8
8 19	20 40.41	−36 46.7	2.321	3.243	8.7	21.0
8 29	20 33.07	−36 46.9	2.385	3.240	11.1	21.1
9 8	20 27.77	−36 30.9	2.470	3.236	13.3	21.3

161426 2003 WN_{42} 8 3.3 313°.46 9°.5/24.6 18

6 30	21 17.81	−32 16.5	1.523	2.417	14.5	18.5
7 10	21 14.42	−35 18.2	1.447	2.390	11.7	18.3
7 20	21 7.93	−38 25.3	1.396	2.364	9.8	18.1
7 30	20 58.81	−41 22.4	1.371	2.338	9.9	18.1
8 9	20 48.22	−43 54.1	1.372	2.313	12.1	18.1
8 19	20 37.71	−45 49.4	1.395	2.288	15.3	18.3
8 29	20 29.08	−47 4.3	1.439	2.264	18.6	18.4
9 8	20 23.76	−47 41.4	1.499	2.240	21.5	18.6

175443 2006 QR_{45} 8 3.3 1°.81 0°.7/ 3.7 17

6 30	21 9.82	−13 33.8	0.888	1.804	20.1	18.3
7 10	21 8.55	−13 58.9	0.836	1.800	15.1	18.0
7 20	21 4.15	−14 43.5	0.801	1.798	9.4	17.7
7 30	20 57.53	−15 42.2	0.785	1.798	3.1	17.4
8 9	20 50.18	−16 45.9	0.790	1.801	3.5	17.4
8 19	20 43.76	−17 45.1	0.815	1.805	9.8	17.8
8 29	20 39.77	−18 32.2	0.859	1.812	15.3	18.1
9 8	20 39.11	−19 2.6	0.919	1.820	20.1	18.4

202730 2007 JU_{12} 8 3.3 16°.52 3°.5/31.9 16

6 30	21 13.64	−19 17.7	1.206	2.111	16.7	18.8
7 10	21 10.82	−20 56.4	1.157	2.117	12.3	18.6
7 20	21 5.26	−22 46.4	1.128	2.124	7.5	18.3
7 30	20 57.83	−24 37.3	1.122	2.132	3.7	18.1
8 9	20 49.80	−26 17.3	1.140	2.141	5.7	18.3
8 19	20 42.58	−27 37.5	1.181	2.152	10.3	18.6
8 29	20 37.46	−28 33.3	1.244	2.164	14.6	18.9
9 8	20 35.24	−29 4.2	1.326	2.176	18.3	19.1

472187 2014 DT_{111} 8 3.3 194°.49 0°.7/ 2.7 18

6 30	21 18.96	−17 22.7	2.234	3.096	11.8	22.4
7 10	21 13.64	−17 58.7	2.156	3.094	8.7	22.2
7 20	21 6.51	−18 41.1	2.103	3.092	5.3	22.0
7 30	20 58.16	−19 26.1	2.076	3.089	1.6	21.7
8 9	20 49.36	−20 9.5	2.078	3.085	2.5	21.8
8 19	20 40.97	−20 47.4	2.108	3.082	6.2	22.0
8 29	20 33.82	−21 17.1	2.164	3.077	9.6	22.2
9 8	20 28.55	−21 37.2	2.244	3.072	12.5	22.4

362777 2011 WK_{105} 8 3.3 227°.67 1°.0/ 4.1 18

6 30	21 17.34	−13 7.4	2.341	3.193	11.6	21.4
7 10	21 12.34	−13 14.9	2.258	3.187	8.8	21.2
7 20	21 5.68	−13 30.3	2.198	3.182	5.6	21.0
7 30	20 57.90	−13 51.4	2.165	3.176	2.1	20.7
8 9	20 49.72	−14 15.5	2.161	3.170	2.1	20.7
8 19	20 41.89	−14 39.7	2.184	3.164	5.5	20.9
8 29	20 35.20	−15 1.5	2.234	3.157	8.8	21.1
9 8	20 30.22	−15 18.6	2.308	3.151	11.8	21.3

210758 2000 WR_{73} 8 3.3 335°.61 7°.4/30.9 18

6 30	21 20.29	−29 47.0	1.095	2.002	17.8	19.5
7 10	21 16.46	−30 43.7	1.034	1.991	13.8	19.3
7 20	21 9.06	−31 38.0	0.992	1.980	9.8	19.0
7 30	20 59.07	−32 18.9	0.971	1.970	7.5	18.8
8 9	20 48.17	−32 36.6	0.972	1.961	9.1	18.9
8 19	20 38.27	−32 26.5	0.993	1.953	13.2	19.1
8 29	20 31.10	−31 49.4	1.035	1.946	17.6	19.3
9 8	20 27.70	−30 50.3	1.092	1.941	21.5	19.6

294608 2008 AW_{13} 8 3.3 29°.20 1°.5/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.45	−11 35.0	1.373	2.247	17.0	20.8
7 10	21 14.08	−11 59.1	1.308	2.249	12.9	20.6
7 20	21 7.13	−12 39.1	1.264	2.251	8.2	20.3
7 30	20 58.40	−13 31.1	1.243	2.254	3.2	20.1
8 9	20 49.07	−14 28.9	1.246	2.256	3.0	20.1
8 19	20 40.43	−15 25.8	1.274	2.259	7.9	20.4
8 29	20 33.69	−16 16.0	1.326	2.262	12.6	20.6
9 8	20 29.69	−16 55.8	1.398	2.265	16.6	20.9

337138 1999 TH_{204} 8 3.3 311°.70 1°.1/ 3.9 18

6 30	21 17.60	−13 43.4	1.613	2.485	15.0	20.9
7 10	21 13.27	−13 49.4	1.532	2.472	11.4	20.7
7 20	21 6.60	−14 6.3	1.472	2.460	7.2	20.4
7 30	20 58.25	−14 31.3	1.436	2.448	2.6	20.1
8 9	20 49.24	−15 0.5	1.426	2.436	2.7	20.1
8 19	20 40.70	−15 29.3	1.441	2.424	7.4	20.4
8 29	20 33.76	−15 54.0	1.481	2.413	11.8	20.6
9 8	20 29.25	−16 11.7	1.541	2.402	15.6	20.8

336174 2008 RS_{46} 8 3.3 296°.88 2°.1/ 4.6 18

6 30	21 17.13	−10 34.3	1.647	2.510	15.2	21.0
7 10	21 12.88	−10 44.5	1.563	2.497	11.7	20.8
7 20	21 6.35	−11 8.8	1.501	2.484	7.6	20.5
7 30	20 58.18	−11 44.9	1.462	2.471	3.4	20.2
8 9	20 49.32	−12 28.8	1.450	2.459	3.0	20.2
8 19	20 40.88	−13 15.5	1.463	2.446	7.2	20.4
8 29	20 33.97	−14 0.0	1.500	2.434	11.6	20.6
9 8	20 29.42	−14 38.2	1.559	2.422	15.4	20.8

180267 2003 WG_{36} 8 3.3 308°.33 0°.7/ 2.9 18

6 30	21 19.69	−17 25.7	1.337	2.224	16.6	20.8
7 10	21 15.26	−17 46.4	1.264	2.214	12.4	20.5
7 20	21 8.01	−18 17.0	1.212	2.205	7.6	20.2
7 30	20 58.71	−18 52.4	1.182	2.195	2.3	19.8
8 9	20 48.63	−19 26.5	1.177	2.186	3.5	19.9
8 19	20 39.19	−19 53.9	1.196	2.177	8.8	20.2
8 29	20 31.78	−20 10.8	1.238	2.169	13.7	20.4
9 8	20 27.34	−20 15.7	1.299	2.161	17.9	20.7

105519 2000 RP_{18} 8 3.3 256°.05 0°.8/ 3.8 18

6 30	21 18.95	−14 50.3	2.157	3.014	12.3	19.1
7 10	21 13.63	−14 45.1	2.078	3.011	9.3	18.9
7 20	21 6.50	−14 46.3	2.022	3.007	5.8	18.7
7 30	20 58.17	−14 52.0	1.992	3.004	2.1	18.4
8 9	20 49.42	−14 59.6	1.991	3.000	2.2	18.4
8 19	20 41.12	−15 6.7	2.017	2.997	5.9	18.7
8 29	20 34.11	−15 11.4	2.069	2.993	9.4	18.9
9 8	20 28.99	−15 12.0	2.145	2.989	12.5	19.1

24509 Joycechai 8 3.3 54°.32 0°.9/ 3.8 18

6 30	21 21.24	−13 59.8	1.234	2.116	18.0	19.0
7 10	21 16.11	−14 11.0	1.188	2.134	13.4	18.8
7 20	21 8.27	−14 35.1	1.163	2.153	8.3	18.6
7 30	20 58.71	−15 7.4	1.159	2.172	2.8	18.3
8 9	20 48.82	−15 42.1	1.181	2.191	3.0	18.4
8 19	20 39.97	−16 13.8	1.226	2.210	8.2	18.7
8 29	20 33.36	−16 38.6	1.294	2.230	12.8	19.1
9 8	20 29.68	−16 54.1	1.383	2.250	16.7	19.4

254229 2004 RZ_{114} 8 3.3 271°.36 0°.4/ 2.9 18

6 30	21 16.03	−16 42.1	2.377	3.240	11.1	20.9
7 10	21 11.47	−17 13.8	2.287	3.224	8.3	20.7
7 20	21 5.23	−17 52.4	2.220	3.209	5.0	20.5
7 30	20 57.81	−18 34.5	2.180	3.193	1.5	20.2
8 9	20 49.89	−19 16.5	2.168	3.176	2.3	20.2
8 19	20 42.26	−19 54.7	2.184	3.160	5.8	20.5
8 29	20 35.70	−20 26.2	2.227	3.144	9.2	20.6
9 8	20 30.83	−20 49.1	2.293	3.127	12.1	20.8

392316 2010 ED_{12} 8 3.3 163°.53 0°.4/ 3.6 18

6 30	21 18.31	−13 44.3	1.963	2.824	13.2	21.2
7 10	21 13.32	−14 16.9	1.891	2.827	9.9	21.0
7 20	21 6.39	−14 59.6	1.842	2.829	6.1	20.8
7 30	20 58.16	−15 48.7	1.819	2.831	2.0	20.5
8 9	20 49.47	−16 39.5	1.823	2.833	2.3	20.5
8 19	20 41.27	−17 27.4	1.855	2.834	6.4	20.8
8 29	20 34.44	−18 8.8	1.913	2.836	10.1	21.0
9 8	20 29.66	−18 41.2	1.993	2.837	13.3	21.2

482133 2010 RG_{116} 8 3.3 200°.68 0°.6/ 3.8 18

6 30	21 15.65	−13 21.0	2.498	3.350	11.0	21.8
7 10	21 11.01	−13 48.3	2.418	3.349	8.2	21.6
7 20	21 4.86	−14 23.7	2.362	3.346	5.1	21.4
7 30	20 57.68	−15 4.6	2.333	3.344	1.8	21.2
8 9	20 50.13	−15 47.6	2.332	3.342	1.9	21.2
8 19	20 42.92	−16 29.3	2.360	3.339	5.2	21.4
8 29	20 36.73	−17 6.7	2.415	3.336	8.4	21.6
9 8	20 32.13	−17 37.7	2.494	3.333	11.1	21.8

302850 2003 FY_{126} 8 3.3 205°.38 1°.4/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.22	−18 54.7	1.550	2.424	15.4	21.8
7 10	21 18.29	−19 22.9	1.477	2.421	11.5	21.6
7 20	21 9.70	−19 58.3	1.426	2.417	7.0	21.3
7 30	20 59.23	−20 35.6	1.400	2.412	2.3	21.0
8 9	20 48.08	−21 8.6	1.400	2.407	3.6	21.1
8 19	20 37.59	−21 32.9	1.426	2.401	8.4	21.4
8 29	20 29.02	−21 45.6	1.476	2.395	12.8	21.6
9 8	20 23.26	−21 46.3	1.547	2.388	16.6	21.8

228921 2003 SZ_{238} 8 3.3 265°.64 5°.7/29.9 18

6 30	21 22.07	−35 44.4	2.516	3.377	10.6	20.4
7 10	21 15.96	−36 20.9	2.444	3.368	8.5	20.3
7 20	21 7.93	−36 50.9	2.395	3.358	6.6	20.1
7 30	20 58.62	−37 9.1	2.372	3.348	5.7	20.1
8 9	20 48.92	−37 11.8	2.377	3.337	6.6	20.1
8 19	20 39.75	−36 57.3	2.408	3.327	8.6	20.2
8 29	20 32.00	−36 26.3	2.463	3.317	10.8	20.3
9 8	20 26.30	−35 41.2	2.541	3.307	13.0	20.5

49062 1998 RR_{47} 8 3.3 277°.70 0°.4/ 3.1 18

6 30	21 21.70	−17 40.1	1.572	2.448	15.1	19.2
7 10	21 16.48	−17 46.8	1.489	2.433	11.4	18.9
7 20	21 8.66	−18 0.7	1.427	2.418	7.0	18.6
7 30	20 58.94	−18 18.0	1.390	2.403	2.1	18.3
8 9	20 48.45	−18 34.1	1.378	2.387	3.0	18.3
8 19	20 38.47	−18 45.3	1.392	2.372	8.0	18.6
8 29	20 30.26	−18 48.8	1.430	2.356	12.6	18.8
9 8	20 24.74	−18 43.7	1.490	2.341	16.6	19.0

254483 2005 EK_{18} 8 3.3 130°.12 1°.1/ 2.7 17

6 30	21 23.91	−18 11.2	1.717	2.585	14.4	21.1
7 10	21 17.61	−18 42.9	1.658	2.599	10.7	20.9
7 20	21 9.03	−19 21.2	1.622	2.612	6.4	20.7
7 30	20 58.96	−20 0.9	1.612	2.625	2.0	20.5
8 9	20 48.52	−20 36.8	1.629	2.637	3.1	20.6
8 19	20 38.83	−21 4.8	1.673	2.648	7.4	20.9
8 29	20 30.94	−21 22.6	1.743	2.659	11.3	21.1
9 8	20 25.54	−21 29.6	1.834	2.669	14.6	21.4

342655 2008 VO_{3} 8 3.3 319°.49 18°.9/14.4 17

6 30	21 17.14	+24 59.0	1.689	2.346	22.5	20.6
7 10	21 13.22	+27 19.8	1.614	2.330	21.4	20.4
7 20	21 6.80	+29 11.3	1.552	2.315	20.4	20.3
7 30	20 58.43	+30 24.6	1.505	2.301	19.5	20.2
8 9	20 49.07	+30 53.7	1.474	2.287	19.0	20.1
8 19	20 39.92	+30 36.4	1.458	2.273	19.0	20.1
8 29	20 32.27	+29 35.7	1.459	2.260	19.5	20.1
9 8	20 27.16	+28 0.0	1.475	2.248	20.4	20.1

318297 2004 TK_{71} 8 3.3 225°.53 4°.7/30.9 18

6 30	21 20.43	−31 21.1	2.356	3.226	11.0	20.8
7 10	21 14.75	−31 58.7	2.290	3.225	8.4	20.6
7 20	21 7.19	−32 32.2	2.247	3.223	6.0	20.5
7 30	20 58.41	−32 56.8	2.231	3.222	4.7	20.4
8 9	20 49.27	−33 8.5	2.243	3.221	5.7	20.4
8 19	20 40.68	−33 5.3	2.281	3.219	8.0	20.6
8 29	20 33.49	−32 47.3	2.344	3.218	10.6	20.8
9 8	20 28.31	−32 16.2	2.429	3.217	12.9	20.9

42507 1993 FJ_{25} 8 3.3 229°.18 1°.4/ 2.5 18

6 30	21 20.18	−19 41.2	1.847	2.720	13.3	19.2
7 10	21 14.89	−20 5.2	1.774	2.718	9.9	19.0
7 20	21 7.44	−20 34.2	1.725	2.715	6.0	18.7
7 30	20 58.52	−21 4.0	1.700	2.713	2.1	18.5
8 9	20 49.11	−21 29.8	1.703	2.710	3.2	18.5
8 19	20 40.25	−21 48.2	1.732	2.707	7.2	18.8
8 29	20 32.95	−21 57.0	1.787	2.704	11.1	19.0
9 8	20 27.92	−21 55.7	1.864	2.701	14.3	19.2

181028 2005 OW_{9} 8 3.3 29°.88 2°.4/ 2.1 17

6 30	21 17.30	−19 11.5	1.068	1.974	18.3	19.4
7 10	21 13.64	−20 2.3	1.028	1.988	13.5	19.1
7 20	21 6.98	−21 2.4	1.006	2.003	8.1	18.9
7 30	20 58.39	−22 3.1	1.007	2.019	3.0	18.6
8 9	20 49.38	−22 55.7	1.029	2.036	4.7	18.8
8 19	20 41.49	−23 33.6	1.075	2.054	9.8	19.2
8 29	20 36.01	−23 54.0	1.141	2.074	14.5	19.5
9 8	20 33.68	−23 56.9	1.226	2.093	18.4	19.8

105866 2000 SH_{171} 8 3.3 245°.06 5°.9/ 8.1 18

6 30	21 15.16	+ 1 57.7	2.359	3.150	13.4	20.1
7 10	21 10.75	+ 2 13.9	2.271	3.144	11.2	20.0
7 20	21 4.76	+ 2 13.6	2.205	3.138	8.8	19.8
7 30	20 57.69	+ 1 56.1	2.163	3.132	6.7	19.7
8 9	20 50.20	+ 1 22.6	2.147	3.125	5.9	19.6
8 19	20 43.00	+ 0 35.8	2.157	3.119	7.0	19.7
8 29	20 36.82	− 0 20.1	2.194	3.112	9.3	19.8
9 8	20 32.25	− 1 20.3	2.255	3.105	11.7	19.9

397013 2005 TG_{53} 8 3.3 314°.78 5°.7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.76	− 0 56.4	1.986	2.804	14.7	20.9
7 10	21 10.75	− 0 37.1	1.899	2.794	12.0	20.7
7 20	21 4.90	− 0 35.0	1.833	2.783	9.2	20.5
7 30	20 57.76	− 0 50.8	1.791	2.773	6.6	20.3
8 9	20 50.09	− 1 23.0	1.774	2.763	5.7	20.2
8 19	20 42.76	− 2 8.5	1.782	2.753	7.4	20.3
8 29	20 36.63	− 3 2.5	1.816	2.744	10.3	20.4
9 8	20 32.38	− 3 59.6	1.873	2.735	13.2	20.6

469938 2006 BK_{27} 8 3.3 358°.32 4°.6/ 1.6 17

6 30	21 25.41	−28 38.4	1.463	2.348	15.5	20.0
7 10	21 19.26	−28 41.8	1.400	2.346	11.8	19.8
7 20	21 10.26	−28 40.5	1.358	2.345	7.8	19.6
7 30	20 59.40	−28 28.4	1.340	2.344	4.8	19.4
8 9	20 48.07	−28 1.2	1.347	2.344	5.9	19.5
8 19	20 37.74	−27 18.2	1.379	2.344	9.7	19.7
8 29	20 29.70	−26 21.1	1.434	2.345	13.7	19.9
9 8	20 24.72	−25 13.8	1.510	2.347	17.1	20.2

358791 2008 EV_{16} 8 3.3 176°.59 2°.4/ 5.4 18

6 30	21 15.64	− 7 34.1	2.409	3.244	11.9	21.8
7 10	21 11.03	− 7 49.6	2.330	3.245	9.2	21.6
7 20	21 4.89	− 8 16.8	2.273	3.245	6.2	21.4
7 30	20 57.72	− 8 54.1	2.243	3.246	3.4	21.2
8 9	20 50.19	− 9 38.4	2.241	3.246	2.8	21.2
8 19	20 43.01	−10 26.4	2.267	3.246	5.4	21.4
8 29	20 36.87	−11 14.2	2.320	3.246	8.4	21.6
9 8	20 32.33	−11 58.7	2.397	3.246	11.2	21.7

92639 2000 QX_{21} 8 3.3 269°.59 2°.4/ 1.9 18

6 30	21 22.99	−22 50.6	1.868	2.740	13.3	20.0
7 10	21 17.21	−23 11.3	1.777	2.719	10.0	19.8
7 20	21 9.02	−23 34.4	1.708	2.698	6.2	19.5
7 30	20 59.07	−23 55.3	1.666	2.676	2.8	19.2
8 9	20 48.37	−24 9.0	1.650	2.653	4.0	19.3
8 19	20 38.08	−24 12.1	1.661	2.630	8.0	19.5
8 29	20 29.37	−24 3.2	1.698	2.607	12.0	19.7
9 8	20 23.10	−23 42.9	1.756	2.584	15.5	19.8

443466 2014 HK_{192} 8 3.3 19°.49 6°.3/30.6 15

6 30	21 19.67	−31 56.9	1.677	2.564	13.8	20.7
7 10	21 14.76	−32 48.4	1.627	2.570	10.7	20.5
7 20	21 7.42	−33 34.5	1.598	2.577	7.8	20.3
7 30	20 58.51	−34 7.9	1.594	2.584	6.3	20.3
8 9	20 49.22	−34 23.2	1.614	2.592	7.5	20.3
8 19	20 40.78	−34 18.0	1.659	2.601	10.2	20.5
8 29	20 34.26	−33 53.1	1.727	2.611	13.2	20.7
9 8	20 30.36	−33 11.6	1.814	2.621	15.9	21.0

202201 2004 XC_{82} 8 3.3 236°.54 1°.8/ 4.6 18

6 30	21 18.86	−10 40.6	2.114	2.961	12.9	21.5
7 10	21 13.73	−10 50.0	2.025	2.949	9.9	21.3
7 20	21 6.69	−11 10.2	1.958	2.937	6.5	21.1
7 30	20 58.32	−11 39.3	1.917	2.925	2.9	20.8
8 9	20 49.39	−12 14.2	1.904	2.912	2.6	20.8
8 19	20 40.80	−12 51.2	1.918	2.899	6.1	21.0
8 29	20 33.43	−13 26.8	1.960	2.885	9.8	21.2
9 8	20 27.98	−13 57.9	2.024	2.871	13.0	21.4

280903 2005 XR_{81} 8 3.3 125°.38 0°.6/ 3.7 17

6 30	21 20.93	−14 35.8	1.870	2.730	13.8	20.9
7 10	21 15.27	−14 47.8	1.805	2.740	10.3	20.7
7 20	21 7.57	−15 8.1	1.762	2.749	6.3	20.5
7 30	20 58.55	−15 33.8	1.746	2.758	2.1	20.3
8 9	20 49.16	−16 0.9	1.756	2.766	2.4	20.3
8 19	20 40.38	−16 25.8	1.794	2.774	6.5	20.6
8 29	20 33.13	−16 45.7	1.858	2.782	10.3	20.8
9 8	20 28.08	−16 58.9	1.945	2.790	13.5	21.1

233882 2008 WR_{137} 8 3.3 26°.16 3°.0/ 1.1 18

6 30	21 17.64	−21 25.3	1.764	2.646	13.4	19.9
7 10	21 13.15	−22 35.6	1.699	2.647	9.9	19.7
7 20	21 6.46	−23 51.9	1.657	2.648	6.1	19.5
7 30	20 58.25	−25 7.4	1.641	2.650	3.1	19.3
8 9	20 49.51	−26 14.8	1.651	2.651	4.6	19.4
8 19	20 41.31	−27 8.8	1.688	2.653	8.3	19.6
8 29	20 34.69	−27 46.2	1.749	2.654	11.9	19.9
9 8	20 30.40	−28 6.6	1.831	2.656	15.1	20.1

237152 2008 UQ_{93} 8 3.3 294°.04 0°.2/ 3.2 18

6 30	21 17.33	−14 57.9	1.684	2.557	14.4	20.6
7 10	21 13.22	−15 37.4	1.589	2.532	10.9	20.3
7 20	21 6.72	−16 29.6	1.516	2.506	6.7	20.0
7 30	20 58.40	−17 30.4	1.468	2.480	2.1	19.6
8 9	20 49.22	−18 33.9	1.445	2.455	2.9	19.6
8 19	20 40.29	−19 33.7	1.449	2.429	7.7	19.9
8 29	20 32.83	−20 24.5	1.478	2.403	12.3	20.1
9 8	20 27.77	−21 2.9	1.527	2.378	16.3	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
472026 2013 YH_5			8 3.3 201°.44	1°.2/ 2.3 18		
	h m	° ′			°	m
6 30	21 19.47	−18 20.4	2.256	3.118	11.7	22.3
7 10	21 14.09	−19 8.4	2.176	3.114	8.6	22.1
7 20	21 6.86	−20 2.7	2.120	3.109	5.2	21.9
7 30	20 58.36	−20 59.0	2.092	3.104	1.8	21.7
8 9	20 49.37	−21 52.5	2.092	3.098	2.8	21.8
8 19	20 40.75	−22 38.9	2.121	3.092	6.4	22.0
8 29	20 33.36	−23 15.4	2.176	3.084	9.8	22.2
9 8	20 27.86	−23 40.6	2.255	3.077	12.7	22.4
438770 2008 UX_{329}			8 3.3 284°.07	5°.1/31.0 18		
6 30	21 20.85	−27 58.1	1.736	2.619	13.6	21.5
7 10	21 15.81	−28 55.2	1.660	2.605	10.3	21.2
7 20	21 8.25	−29 52.6	1.606	2.590	7.1	21.0
7 30	20 58.84	−30 42.8	1.576	2.575	5.1	20.9
8 9	20 48.72	−31 18.9	1.573	2.561	6.5	20.9
8 19	20 39.12	−31 36.6	1.595	2.546	9.8	21.1
8 29	20 31.28	−31 34.5	1.640	2.531	13.4	21.3
9 8	20 26.07	−31 14.5	1.705	2.516	16.6	21.4
509865 2009 AO_{26}			8 3.3 119°.40	1°.8/ 1.8 18		
6 30	21 18.02	−18 48.6	2.112	2.981	12.1	21.3
7 10	21 13.03	−19 58.6	2.050	2.992	8.9	21.1
7 20	21 6.20	−21 15.0	2.012	3.003	5.3	20.9
7 30	20 58.14	−22 32.2	2.001	3.013	2.1	20.7
8 9	20 49.69	−23 44.4	2.019	3.023	3.4	20.9
8 19	20 41.73	−24 46.6	2.065	3.032	6.8	21.1
8 29	20 35.08	−25 35.6	2.137	3.042	10.1	21.3
9 8	20 30.39	−26 10.5	2.231	3.051	12.9	21.5
521417 2015 MX_{146}			8 3.3 297°.09	1°.0/ 4.1 18		
6 30	21 14.90	−12 9.9	2.143	3.001	12.4	21.4
7 10	21 10.82	−12 36.9	2.051	2.984	9.4	21.2
7 20	21 4.95	−13 14.9	1.982	2.967	5.9	20.9
7 30	20 57.79	−14 1.2	1.939	2.949	2.3	20.6
8 9	20 50.10	−14 51.9	1.923	2.932	2.2	20.6
8 19	20 42.68	−15 42.8	1.934	2.915	6.0	20.8
8 29	20 36.40	−16 29.8	1.972	2.899	9.6	21.0
9 8	20 31.92	−17 9.7	2.033	2.882	12.9	21.2
479003 2012 XT_{141}			8 3.3 273°.23	2°.5/ 4.9 18		
6 30	21 17.63	− 9 20.5	1.933	2.783	13.8	22.0
7 10	21 13.00	− 9 24.3	1.843	2.767	10.7	21.8
7 20	21 6.35	− 9 40.7	1.774	2.752	7.2	21.6
7 30	20 58.24	−10 8.2	1.730	2.736	3.6	21.3
8 9	20 49.51	−10 43.9	1.713	2.720	3.1	21.3
8 19	20 41.11	−11 23.8	1.722	2.704	6.6	21.4
8 29	20 34.00	−12 3.7	1.758	2.687	10.4	21.6
9 8	20 28.93	−12 39.9	1.816	2.671	13.9	21.8
365412 2010 EA_{137}			8 3.3 276°.59	4°.9/ 6.9 18		
6 30	21 16.06	− 2 20.0	1.888	2.714	15.0	20.6
7 10	21 11.74	− 2 21.6	1.810	2.712	12.1	20.4
7 20	21 5.51	− 2 41.6	1.752	2.711	8.9	20.2
7 30	20 57.96	− 3 19.4	1.719	2.709	5.9	20.0
8 9	20 49.92	− 4 12.0	1.711	2.708	5.0	19.9
8 19	20 42.30	− 5 15.1	1.730	2.706	7.1	20.1
8 29	20 35.99	− 6 22.8	1.774	2.705	10.3	20.3
9 8	20 31.67	− 7 29.5	1.841	2.703	13.4	20.5
193524 2000 YZ_{74}			8 3.3 251°.10	0°.5/ 3.7 18		
6 30	21 19.21	−14 11.8	1.984	2.843	13.1	21.0
7 10	21 14.15	−14 31.0	1.895	2.830	9.9	20.8
7 20	21 7.03	−14 59.6	1.829	2.815	6.2	20.5
7 30	20 58.45	−15 34.6	1.789	2.801	2.1	20.2
8 9	20 49.25	−16 12.0	1.776	2.786	2.4	20.2
8 19	20 40.41	−16 47.7	1.791	2.770	6.5	20.5
8 29	20 32.90	−17 18.3	1.831	2.755	10.4	20.7
9 8	20 27.46	−17 41.4	1.895	2.739	13.9	20.9
340375 2006 DL_{185}			8 3.3 52°.83	8°.1/30.6 16		
6 30	21 27.02	−36 8.1	1.511	2.389	15.5	20.3
7 10	21 20.29	−36 58.4	1.476	2.409	12.3	20.2
7 20	21 10.73	−37 37.3	1.463	2.430	9.5	20.1
7 30	20 59.50	−37 56.4	1.473	2.451	8.1	20.1
8 9	20 48.11	−37 51.0	1.507	2.473	9.2	20.2
8 19	20 38.05	−37 20.7	1.565	2.494	11.6	20.4
8 29	20 30.47	−36 28.9	1.645	2.516	14.4	20.6
9 8	20 26.01	−35 21.2	1.745	2.538	17.0	20.8
257807 2000 EK_{139}			8 3.3 250°.74	1°.6/ 2.4 18		
6 30	21 22.95	−20 1.9	1.872	2.740	13.4	21.1
7 10	21 17.16	−20 28.5	1.781	2.722	10.0	20.9
7 20	21 9.00	−21 0.5	1.713	2.702	6.1	20.6
7 30	20 59.09	−21 33.3	1.671	2.683	2.2	20.3
8 9	20 48.42	−22 1.9	1.656	2.662	3.4	20.4
8 19	20 38.14	−22 22.2	1.669	2.641	7.7	20.6
8 29	20 29.38	−22 31.8	1.707	2.619	11.7	20.8
9 8	20 23.01	−22 30.2	1.767	2.597	15.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
141668 2002 JR_{94}			8 3.3 52°.24	5°.7/ 6.3 17		
	h m	° ′			°	m
6 30	21 19.69	− 4 39.9	1.310	2.164	18.9	19.6
7 10	21 14.97	− 4 12.9	1.252	2.173	15.0	19.4
7 20	21 7.68	− 4 6.6	1.212	2.182	10.8	19.2
7 30	20 58.64	− 4 21.1	1.195	2.191	6.9	19.0
8 9	20 49.10	− 4 53.3	1.201	2.201	5.9	19.0
8 19	20 40.35	− 5 37.9	1.231	2.211	8.8	19.2
8 29	20 33.59	− 6 28.4	1.284	2.221	12.8	19.4
9 8	20 29.60	− 7 18.2	1.357	2.231	16.5	19.7
364050 2005 WG_{135}			8 3.3 160°.05	1°.4/ 1.9 18		
6 30	21 16.02	−20 2.0	2.891	3.753	9.4	22.1
7 10	21 11.13	−20 46.3	2.820	3.758	6.9	21.9
7 20	21 4.88	−21 34.2	2.774	3.763	4.2	21.8
7 30	20 57.73	−22 22.0	2.756	3.767	1.6	21.6
8 9	20 50.28	−23 6.5	2.767	3.771	2.5	21.7
8 19	20 43.16	−23 44.6	2.808	3.775	5.3	21.9
8 29	20 36.99	−24 14.4	2.875	3.778	7.9	22.0
9 8	20 32.24	−24 35.1	2.968	3.781	10.2	22.2
71815 2000 UB_5			8 3.3 83°.13	3°.7/ 1.4 18		
6 30	21 22.50	−23 12.9	1.379	2.269	16.0	19.0
7 10	21 17.23	−24 3.3	1.322	2.273	11.9	18.8
7 20	21 9.14	−24 57.5	1.285	2.277	7.5	18.6
7 30	20 59.12	−25 47.8	1.273	2.281	3.9	18.4
8 9	20 48.52	−26 26.6	1.285	2.286	5.5	18.5
8 19	20 38.80	−26 49.0	1.322	2.290	9.7	18.7
8 29	20 31.27	−26 53.6	1.381	2.294	13.9	19.0
9 8	20 26.75	−26 41.7	1.460	2.298	17.5	19.2
507229 2011 AE_{21}			8 3.3 203°.80	1°.8/ 2.2 17		
6 30	21 21.32	−19 30.5	1.880	2.750	13.3	22.7
7 10	21 15.79	−20 16.1	1.805	2.747	9.9	22.5
7 20	21 8.06	−21 8.0	1.752	2.743	6.0	22.3
7 30	20 58.78	−22 1.2	1.726	2.738	2.2	22.0
8 9	20 48.93	−22 49.7	1.727	2.732	3.5	22.1
8 19	20 39.56	−23 28.9	1.756	2.727	7.5	22.3
8 29	20 31.74	−23 56.1	1.810	2.720	11.3	22.6
9 8	20 26.20	−24 10.3	1.886	2.713	14.6	22.8
360074 2013 AZ_{131}			8 3.3 123°.04	1°.9/ 1.9 18		
6 30	21 20.48	−23 29.4	2.633	3.495	10.2	21.6
7 10	21 14.42	−23 47.5	2.572	3.509	7.5	21.4
7 20	21 6.85	−24 5.9	2.536	3.523	4.6	21.3
7 30	20 58.34	−24 21.3	2.527	3.536	2.2	21.1
8 9	20 49.61	−24 31.1	2.548	3.549	3.0	21.2
8 19	20 41.39	−24 33.4	2.597	3.562	5.8	21.4
8 29	20 34.38	−24 27.5	2.674	3.574	8.5	21.6
9 8	20 29.06	−24 13.7	2.774	3.586	10.9	21.8
148081 Sunjiadong			8 3.3 198°.13	1°.9/ 1.9 18		
6 30	21 19.91	−19 2.8	1.934	2.804	13.0	20.1
7 10	21 14.71	−20 4.5	1.860	2.802	9.6	19.9
7 20	21 7.40	−21 13.7	1.809	2.799	5.8	19.7
7 30	20 58.60	−22 24.7	1.785	2.796	2.3	19.4
8 9	20 49.23	−23 31.0	1.788	2.792	3.6	19.5
8 19	20 40.31	−24 27.4	1.819	2.788	7.4	19.8
8 29	20 32.84	−25 10.3	1.876	2.783	11.1	20.0
9 8	20 27.56	−25 38.7	1.954	2.778	14.3	20.2
343421 2010 DN_8			8 3.3 45°.98	0°.6/ 3.0 16		
6 30	21 20.04	−18 3.1	1.616	2.493	14.7	20.6
7 10	21 14.89	−18 15.0	1.557	2.502	10.9	20.4
7 20	21 7.47	−18 33.3	1.521	2.512	6.6	20.2
7 30	20 58.59	−18 53.9	1.509	2.522	2.0	19.9
8 9	20 49.32	−19 12.5	1.523	2.532	2.9	20.0
8 19	20 40.81	−19 25.5	1.563	2.542	7.3	20.3
8 29	20 34.07	−19 30.9	1.627	2.553	11.4	20.6
9 8	20 29.77	−19 27.8	1.713	2.564	14.8	20.8
282074 2000 AP_{26}			8 3.3 148°.01	1°.8/ 4.5 18		
6 30	21 20.95	−11 59.2	2.127	2.973	12.9	20.7
7 10	21 15.09	−11 46.8	2.054	2.979	9.8	20.5
7 20	21 7.42	−11 42.7	2.004	2.984	6.3	20.3
7 30	20 58.56	−11 45.4	1.981	2.989	2.9	20.1
8 9	20 49.34	−11 52.7	1.986	2.994	2.6	20.0
8 19	20 40.64	−12 2.1	2.019	2.998	5.9	20.3
8 29	20 33.27	−12 11.4	2.078	3.002	9.4	20.5
9 8	20 27.84	−12 18.5	2.161	3.006	12.4	20.7
519788 2013 GR_{39}			8 3.3 300°.85	6°.9/ 9.3 17		
6 30	21 13.92	+ 5 5.5	2.251	3.030	14.4	21.4
7 10	21 9.94	+ 5 19.7	2.164	3.024	12.2	21.2
7 20	21 4.35	+ 5 14.5	2.098	3.017	9.9	21.0
7 30	20 57.64	+ 4 48.7	2.054	3.011	7.8	20.9
8 9	20 50.49	+ 4 3.6	2.036	3.005	6.9	20.8
8 19	20 43.65	+ 3 2.1	2.043	2.999	7.7	20.9
8 29	20 37.85	+ 1 49.3	2.077	2.993	9.8	21.0
9 8	20 33.70	+ 0 31.0	2.133	2.987	12.2	21.2

368079 2012 *MR* 8 3.4 219°.25 1°.8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.27	− 8 34.1	2.950	3.783	10.0	20.9
7 10	21 9.09	− 8 55.7	2.864	3.779	7.7	20.7
7 20	21 3.66	− 9 26.7	2.802	3.775	5.1	20.5
7 30	20 57.40	−10 5.4	2.767	3.771	2.6	20.4
8 9	20 50.83	−10 49.4	2.761	3.767	2.1	20.3
8 19	20 44.51	−11 35.7	2.783	3.763	4.5	20.5
8 29	20 39.01	−12 21.4	2.834	3.758	7.1	20.7
9 8	20 34.77	−13 3.8	2.910	3.754	9.5	20.8

247083 2000 SQ_{83} 8 3.4 278°.43 2°.2/ 5.1 18

6 30	21 15.05	− 8 25.8	2.163	3.008	12.7	20.2
7 10	21 10.86	− 8 50.6	2.078	3.000	9.8	20.0
7 20	21 4.95	− 9 28.6	2.014	2.991	6.5	19.8
7 30	20 57.84	−10 17.8	1.977	2.983	3.2	19.6
8 9	20 50.25	−11 14.3	1.967	2.974	2.7	19.5
8 19	20 42.99	−12 13.9	1.984	2.966	5.8	19.7
8 29	20 36.85	−13 12.0	2.028	2.957	9.3	19.9
9 8	20 32.47	−14 4.7	2.096	2.949	12.4	20.1

295134 2008 FW_{29} 8 3.4 113°.56 1°.6/ 2.2 18

6 30	21 18.92	−21 2.2	2.173	3.042	11.8	21.2
7 10	21 13.65	−21 26.5	2.105	3.047	8.7	21.0
7 20	21 6.58	−21 53.8	2.061	3.051	5.3	20.8
7 30	20 58.32	−22 20.2	2.043	3.054	2.0	20.6
8 9	20 49.70	−22 42.1	2.053	3.058	3.1	20.7
8 19	20 41.61	−22 56.6	2.091	3.062	6.5	20.9
8 29	20 34.85	−23 2.2	2.155	3.066	9.7	21.1
9 8	20 30.02	−22 58.5	2.241	3.070	12.6	21.3

254555 2005 EV_{274} 8 3.4 71°.94 2°.6/ 4.8 17

6 30	21 21.02	−10 0.4	1.374	2.241	17.5	20.3
7 10	21 15.84	−10 4.6	1.321	2.255	13.3	20.0
7 20	21 8.14	−10 24.6	1.288	2.271	8.7	19.8
7 30	20 58.82	−10 57.5	1.278	2.286	4.0	19.6
8 9	20 49.09	−11 38.3	1.292	2.301	3.4	19.6
8 19	20 40.23	−12 21.5	1.332	2.316	7.7	19.9
8 29	20 33.35	−13 1.9	1.395	2.331	12.1	20.2
9 8	20 29.18	−13 35.5	1.480	2.346	15.9	20.5

6154 Stevesynnott 8 3.4 14°.59 0°.5/ 3.1 18

6 30	21 17.74	−17 43.0	1.087	1.989	18.4	16.9
7 10	21 14.03	−17 49.0	1.036	1.993	13.7	16.7
7 20	21 7.33	−18 4.4	1.004	1.999	8.3	16.4
7 30	20 58.61	−18 24.4	0.992	2.006	2.5	16.1
8 9	20 49.36	−18 43.0	1.004	2.014	3.5	16.2
8 19	20 41.13	−18 55.5	1.037	2.023	9.1	16.5
8 29	20 35.26	−18 58.6	1.092	2.033	14.2	16.8
9 8	20 32.56	−18 51.5	1.166	2.045	18.4	17.1

183904 2004 CP_{90} 8 3.4 255°.82 4°.5/ 5.9 18

6 30	21 19.05	− 5 27.4	1.618	2.461	16.3	20.6
7 10	21 14.35	− 5 17.5	1.537	2.453	13.0	20.3
7 20	21 7.33	− 5 25.2	1.476	2.445	9.2	20.1
7 30	20 58.63	− 5 49.9	1.438	2.436	5.7	19.9
8 9	20 49.25	− 6 29.0	1.426	2.428	4.8	19.8
8 19	20 40.32	− 7 17.9	1.439	2.419	7.8	20.0
8 29	20 32.95	− 8 11.0	1.477	2.410	11.7	20.2
9 8	20 27.99	− 9 2.6	1.536	2.401	15.5	20.4

195241 2002 EM_{22} 8 3.4 28°.83 7°.1/30.6 17

6 30	21 23.00	−32 34.0	1.501	2.388	15.1	19.2
7 10	21 17.56	−33 30.2	1.450	2.392	11.8	19.0
7 20	21 9.30	−34 20.0	1.420	2.398	8.7	18.9
7 30	20 59.20	−34 54.9	1.414	2.403	7.1	18.8
8 9	20 48.64	−35 8.4	1.433	2.410	8.4	18.9
8 19	20 39.06	−34 58.2	1.475	2.416	11.3	19.1
8 29	20 31.74	−34 25.6	1.539	2.423	14.5	19.3
9 8	20 27.43	−33 35.1	1.622	2.430	17.4	19.5

381954 2010 EK_{40} 8 3.4 160°.20 4°.3/ 7.1 17

6 30	21 17.78	− 1 23.9	2.400	3.203	12.9	22.3
7 10	21 12.61	− 1 33.4	2.322	3.210	10.4	22.1
7 20	21 5.89	− 1 58.2	2.266	3.216	7.7	22.0
7 30	20 58.12	− 2 37.7	2.236	3.222	5.2	21.8
8 9	20 50.00	− 3 29.2	2.234	3.227	4.3	21.8
8 19	20 42.25	− 4 29.0	2.260	3.232	6.0	21.9
8 29	20 35.58	− 5 32.6	2.314	3.236	8.6	22.1
9 8	20 30.55	− 6 35.7	2.392	3.239	11.2	22.2

434365 2004 TG_{77} 8 3.4 306°.51 0°.6/ 3.0 18

6 30	21 18.35	−17 2.5	1.569	2.449	14.9	21.3
7 10	21 13.99	−17 26.3	1.490	2.437	11.2	21.0
7 20	21 7.19	−17 59.3	1.433	2.424	6.8	20.7
7 30	20 58.61	−18 37.1	1.399	2.412	2.1	20.4
8 9	20 49.33	−19 14.4	1.391	2.400	3.0	20.4
8 19	20 40.54	−19 46.2	1.409	2.389	7.9	20.7
8 29	20 33.45	−20 8.7	1.450	2.378	12.3	20.9
9 8	20 28.91	−20 20.3	1.512	2.367	16.2	21.1

100849 1998 HN_{29} 8 3.4 132°.49 4°.9/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.95	−27 5.9	1.499	2.382	15.3	19.9
7 10	21 18.95	−27 51.8	1.440	2.386	11.5	19.7
7 20	21 10.16	−28 36.8	1.403	2.390	7.6	19.5
7 30	20 59.49	−29 13.2	1.391	2.393	5.0	19.3
8 9	20 48.28	−29 34.3	1.404	2.397	6.3	19.4
8 19	20 37.99	−29 36.7	1.441	2.400	10.0	19.6
8 29	20 29.87	−29 20.5	1.502	2.403	13.8	19.9
9 8	20 24.74	−28 48.5	1.583	2.406	17.1	20.1

13246 1998 MJ_{33} 8 3.4 78°.42 0°.5/ 3.0 18

6 30	21 19.17	−15 48.8	1.735	2.606	14.2	17.8
7 10	21 14.10	−16 31.1	1.681	2.623	10.5	17.6
7 20	21 6.95	−17 22.4	1.649	2.639	6.3	17.4
7 30	20 58.46	−18 17.8	1.642	2.655	1.9	17.1
8 9	20 49.62	−19 11.5	1.663	2.672	2.7	17.2
8 19	20 41.47	−19 58.6	1.710	2.688	7.0	17.5
8 29	20 34.93	−20 35.7	1.782	2.704	10.8	17.8
9 8	20 30.65	−21 1.2	1.876	2.720	14.0	18.0

130854 2000 UD_{73} 8 3.4 304°.95 1°.5/ 4.3 18

6 30	21 16.20	−11 18.8	1.557	2.427	15.5	19.8
7 10	21 12.47	−11 43.0	1.468	2.407	11.9	19.6
7 20	21 6.33	−12 23.0	1.400	2.387	7.7	19.3
7 30	20 58.38	−13 15.8	1.356	2.367	3.1	18.9
8 9	20 49.60	−14 16.3	1.337	2.347	2.8	18.9
8 19	20 41.16	−15 18.2	1.343	2.328	7.6	19.1
8 29	20 34.28	−16 15.4	1.374	2.309	12.3	19.3
9 8	20 29.87	−17 3.3	1.425	2.290	16.4	19.6

59251 1999 CG_{21} 8 3.4 191°.35 0°.1/ 3.3 18

6 30	21 22.43	−15 57.2	1.448	2.324	16.2	19.5
7 10	21 17.07	−16 18.6	1.380	2.324	12.1	19.3
7 20	21 9.06	−16 50.4	1.333	2.323	7.4	19.0
7 30	20 59.18	−17 27.9	1.309	2.322	2.3	18.7
8 9	20 48.66	−18 5.3	1.312	2.321	3.0	18.7
8 19	20 38.83	−18 37.5	1.339	2.320	8.1	19.0
8 29	20 30.97	−19 0.8	1.391	2.318	12.8	19.3
9 8	20 25.92	−19 13.4	1.463	2.316	16.7	19.5

516955 2012 CY_{51} 8 3.4 246°.37 2°.3/ 5.4 18

6 30	21 14.65	− 7 30.8	2.514	3.348	11.5	22.0
7 10	21 10.36	− 7 54.9	2.424	3.340	8.9	21.8
7 20	21 4.57	− 8 31.0	2.358	3.331	6.0	21.6
7 30	20 57.74	− 9 17.3	2.318	3.322	3.2	21.4
8 9	20 50.51	−10 10.7	2.307	3.313	2.6	21.4
8 19	20 43.54	−11 7.7	2.323	3.303	5.2	21.6
8 29	20 37.53	−12 4.1	2.367	3.294	8.2	21.7
9 8	20 33.02	−12 56.7	2.436	3.284	11.0	21.9

86258 1999 TK_{208} 8 3.4 334°.60 3°.3/ 1.5 18

6 30	21 21.67	−26 57.5	2.067	2.940	12.1	19.3
7 10	21 15.86	−27 9.3	1.995	2.936	9.1	19.1
7 20	21 8.00	−27 19.1	1.947	2.933	5.9	18.9
7 30	20 58.80	−27 22.5	1.925	2.929	3.5	18.8
8 9	20 49.21	−27 16.2	1.930	2.926	4.5	18.9
8 19	20 40.24	−26 58.3	1.962	2.924	7.6	19.0
8 29	20 32.80	−26 28.9	2.019	2.921	10.8	19.2
9 8	20 27.56	−25 49.7	2.099	2.918	13.6	19.4

34058 2000 OT_{44} 8 3.4 352°.83 1°.6/ 2.9 18

6 30	21 23.38	−23 2.0	1.174	2.070	17.7	16.5
7 10	21 18.28	−22 23.6	1.109	2.063	13.3	16.2
7 20	21 9.97	−21 43.9	1.063	2.057	8.2	15.9
7 30	20 59.48	−20 59.3	1.040	2.052	2.8	15.5
8 9	20 48.36	−20 7.6	1.040	2.049	3.9	15.6
8 19	20 38.27	−19 8.9	1.064	2.047	9.4	15.9
8 29	20 30.68	−18 5.0	1.110	2.047	14.4	16.2
9 8	20 26.46	−16 58.3	1.176	2.047	18.7	16.5

296560 2009 QJ_{28} 8 3.4 322°.72 0°.5/ 3.7 15

6 30	21 15.67	−14 13.9	1.225	2.117	17.4	20.8
7 10	21 12.61	−14 32.7	1.146	2.098	13.3	20.5
7 20	21 6.67	−15 6.5	1.086	2.079	8.3	20.1
7 30	20 58.54	−15 51.7	1.048	2.060	2.8	19.8
8 9	20 49.43	−16 41.8	1.032	2.043	3.2	19.7
8 19	20 40.81	−17 29.9	1.040	2.026	9.0	20.0
8 29	20 34.17	−18 9.7	1.069	2.011	14.3	20.3
9 8	20 30.59	−18 37.3	1.117	1.996	19.0	20.5

163369 2002 PK_{17} 8 3.4 185°.69 2°.7/ 4.9 18

6 30	21 19.72	− 9 44.9	2.009	2.854	13.6	20.1
7 10	21 14.36	− 9 31.3	1.932	2.854	10.5	19.9
7 20	21 7.09	− 9 28.3	1.877	2.853	7.0	19.7
7 30	20 58.53	− 9 34.7	1.848	2.853	3.6	19.5
8 9	20 49.54	− 9 48.2	1.846	2.852	3.1	19.4
8 19	20 41.02	−10 6.2	1.872	2.852	6.3	19.6
8 29	20 33.84	−10 25.5	1.924	2.851	9.8	19.8
9 8	20 28.67	−10 43.2	1.998	2.850	13.0	20.0

96130 2269 T-3 8 3.4 287°.32 4°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.28	− 2 38.2	2.259	3.076	13.2	19.9
7 10	21 10.96	− 2 25.4	2.171	3.068	10.6	19.7
7 20	21 4.99	− 2 27.1	2.106	3.060	7.9	19.5
7 30	20 57.89	− 2 43.3	2.065	3.052	5.4	19.3
8 9	20 50.35	− 3 12.2	2.051	3.044	4.7	19.3
8 19	20 43.12	− 3 51.1	2.064	3.036	6.4	19.4
8 29	20 36.95	− 4 36.0	2.103	3.028	9.2	19.5
9 8	20 32.46	− 5 22.8	2.165	3.020	11.9	19.7

106668 2000 WO_{146} 8 3.4 157°.40 6°.7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.75	+11 4.0	3.122	3.836	12.0	20.3
7 10	21 10.09	+11 11.2	3.040	3.843	10.5	20.2
7 20	21 4.25	+11 1.4	2.978	3.850	8.8	20.1
7 30	20 57.63	+10 33.6	2.940	3.857	7.4	20.0
8 9	20 50.75	+ 9 48.9	2.928	3.862	6.7	20.0
8 19	20 44.13	+ 8 49.4	2.943	3.868	7.0	20.0
8 29	20 38.32	+ 7 38.9	2.984	3.873	8.1	20.1
9 8	20 33.75	+ 6 21.8	3.051	3.877	9.6	20.2

9237 1997 GY_7 8 3.4 203°.17 0°.5/ 3.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.20	−16 47.2	2.126	2.988	12.3	18.6
7 10	21 13.98	−17 17.4	2.048	2.985	9.1	18.4
7 20	21 6.88	−17 54.6	1.993	2.982	5.5	18.2
7 30	20 58.49	−18 35.2	1.965	2.978	1.7	18.0
8 9	20 49.64	−19 14.8	1.965	2.974	2.4	18.0
8 19	20 41.20	−19 49.6	1.993	2.969	6.3	18.2
8 29	20 34.06	−20 16.9	2.047	2.965	9.8	18.5
9 8	20 28.87	−20 35.1	2.125	2.959	12.9	18.7

352184 2007 RZ_{184} 8 3.4 336°.06 8°.7/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.31	+ 5 5.5	1.725	2.521	17.4	20.7
7 10	21 11.43	+ 5 43.3	1.647	2.516	14.9	20.5
7 20	21 5.49	+ 5 57.9	1.587	2.511	12.2	20.3
7 30	20 58.10	+ 5 46.7	1.549	2.507	9.8	20.2
8 9	20 50.13	+ 5 10.1	1.534	2.503	8.7	20.1
8 19	20 42.58	+ 4 11.6	1.542	2.499	9.7	20.2
8 29	20 36.41	+ 2 57.4	1.575	2.495	12.0	20.3
9 8	20 32.39	+ 1 35.3	1.629	2.492	14.8	20.5

399010 2013 GJ_{16} 8 3.4 270°.05 4°.6/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.62	−29 15.0	2.175	3.050	11.5	20.7
7 10	21 14.42	−30 5.0	2.102	3.042	8.8	20.5
7 20	21 7.21	−30 53.2	2.053	3.034	6.1	20.3
7 30	20 58.61	−31 34.1	2.030	3.026	4.6	20.2
8 9	20 49.52	−32 2.5	2.034	3.017	5.7	20.3
8 19	20 40.90	−32 15.6	2.065	3.009	8.4	20.4
8 29	20 33.70	−32 12.5	2.120	3.001	11.2	20.6
9 8	20 28.61	−31 54.4	2.196	2.993	13.8	20.8

474416 2002 WJ_{28} 8 3.4 337°.20 12°.9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.90	−42 25.3	1.425	2.309	15.9	19.8
7 10	21 14.84	−44 53.9	1.373	2.294	14.0	19.6
7 20	21 8.32	−47 10.9	1.342	2.279	12.9	19.5
7 30	20 59.13	−49 1.9	1.333	2.265	13.3	19.5
8 9	20 48.78	−50 16.0	1.345	2.253	14.9	19.5
8 19	20 39.15	−50 48.1	1.376	2.241	17.2	19.7
8 29	20 32.06	−50 39.7	1.424	2.230	19.7	19.8
9 8	20 28.70	−49 57.1	1.487	2.221	21.9	20.0

325941 2010 VX_{48} 8 3.4 224°.37 3°.9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.35	− 1 53.2	2.900	3.700	11.0	21.5
7 10	21 10.69	− 1 50.5	2.805	3.690	8.9	21.4
7 20	21 4.71	− 2 0.0	2.732	3.680	6.6	21.2
7 30	20 57.82	− 2 21.3	2.686	3.669	4.6	21.1
8 9	20 50.56	− 2 53.1	2.667	3.658	4.0	21.0
8 19	20 43.53	− 3 32.9	2.677	3.646	5.4	21.1
8 29	20 37.31	− 4 17.8	2.715	3.634	7.6	21.2
9 8	20 32.40	− 5 4.2	2.777	3.621	10.0	21.4

387231 2012 UM_{39} 8 3.4 261°.42 0°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.83	−17 55.4	1.830	2.702	13.5	21.1
7 10	21 14.68	−18 12.8	1.758	2.700	10.1	20.8
7 20	21 7.41	−18 36.4	1.708	2.698	6.1	20.6
7 30	20 58.68	−19 2.6	1.684	2.697	1.9	20.3
8 9	20 49.47	−19 26.9	1.687	2.695	2.7	20.4
8 19	20 40.81	−19 45.9	1.716	2.694	7.0	20.6
8 29	20 33.69	−19 57.2	1.770	2.692	10.8	20.9
9 8	20 28.82	−19 59.8	1.847	2.691	14.2	21.1

272292 2005 SN_{17} 8 3.4 205°.64 0°.2/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.69	−15 1.3	1.940	2.800	13.3	22.1
7 10	21 15.25	−15 24.6	1.861	2.796	10.0	21.9
7 20	21 7.75	−15 56.8	1.805	2.792	6.2	21.7
7 30	20 58.80	−16 34.3	1.775	2.787	2.0	21.4
8 9	20 49.32	−17 12.7	1.772	2.782	2.4	21.4
8 19	20 40.29	−17 48.0	1.797	2.776	6.6	21.7
8 29	20 32.69	−18 16.9	1.848	2.770	10.5	21.9
9 8	20 27.24	−18 37.4	1.922	2.763	13.8	22.1

361902 2008 GJ_{31} 8 3.4 138°.31 1°.2/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.76	−18 39.2	2.326	3.192	11.2	21.4
7 10	21 12.02	−19 21.9	2.255	3.196	8.3	21.3
7 20	21 5.61	−20 10.1	2.210	3.199	5.0	21.1
7 30	20 58.11	−20 59.6	2.191	3.203	1.7	20.8
8 9	20 50.23	−21 46.2	2.200	3.206	2.7	20.9
8 19	20 42.77	−22 26.2	2.237	3.209	6.0	21.2
8 29	20 36.47	−22 57.2	2.301	3.212	9.2	21.4
9 8	20 31.92	−23 17.9	2.388	3.215	11.9	21.5

141443 2002 CX_{42} 8 3.4 147°.21 2°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.69	−23 55.7	2.626	3.494	10.0	20.2
7 10	21 12.57	−24 52.6	2.562	3.501	7.4	20.0
7 20	21 5.90	−25 50.9	2.522	3.508	4.7	19.8
7 30	20 58.20	−26 46.4	2.510	3.515	2.7	19.7
8 9	20 50.16	−27 34.7	2.527	3.522	3.8	19.8
8 19	20 42.51	−28 12.7	2.572	3.528	6.3	20.0
8 29	20 35.96	−28 38.7	2.644	3.533	9.0	20.2
9 8	20 31.05	−28 52.6	2.739	3.539	11.3	20.3

159455 2000 DD_{32} 8 3.4 255°.21 3°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.94	− 1 36.4	2.624	3.431	11.8	20.6
7 10	21 9.81	− 2 2.4	2.529	3.420	9.5	20.4
7 20	21 4.27	− 2 43.8	2.455	3.408	7.0	20.2
7 30	20 57.73	− 3 39.5	2.408	3.397	4.6	20.1
8 9	20 50.77	− 4 46.8	2.389	3.385	3.8	20.0
8 19	20 44.04	− 6 1.8	2.398	3.373	5.5	20.1
8 29	20 38.19	− 7 20.1	2.435	3.361	8.1	20.2
9 8	20 33.75	− 8 36.9	2.497	3.349	10.7	20.4

94306 2001 FS_{11} 8 3.4 301°.93 8°.6/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.49	−43 37.1	2.314	3.162	11.9	18.9
7 10	21 18.20	−44 36.5	2.257	3.157	10.2	18.8
7 20	21 9.57	−45 24.0	2.223	3.152	8.9	18.7
7 30	20 59.37	−45 52.9	2.213	3.148	8.6	18.7
8 9	20 48.74	−45 58.7	2.228	3.143	9.5	18.8
8 19	20 38.85	−45 40.0	2.267	3.139	11.1	18.8
8 29	20 30.76	−44 58.6	2.328	3.134	12.9	19.0
9 8	20 25.21	−43 58.7	2.408	3.130	14.7	19.1

50872 2000 GT_{10} 8 3.4 294°.08 1°.2/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.07	−13 12.8	1.491	2.364	15.9	18.0
7 10	21 14.74	−13 20.9	1.406	2.346	12.2	17.7
7 20	21 7.81	−13 41.5	1.341	2.328	7.8	17.4
7 30	20 58.93	−14 12.0	1.299	2.310	2.9	17.1
8 9	20 49.20	−14 47.9	1.282	2.292	2.9	17.0
8 19	20 39.88	−15 23.9	1.291	2.275	7.9	17.3
8 29	20 32.27	−15 55.5	1.323	2.257	12.7	17.5
9 8	20 27.33	−16 19.1	1.375	2.240	17.0	17.7

17648 1996 UU 8 3.4 280°.39 7°.9/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.76	+ 3 32.9	1.797	2.596	16.7	18.4
7 10	21 12.58	+ 4 2.3	1.706	2.580	14.2	18.2
7 20	21 6.29	+ 4 9.9	1.633	2.564	11.4	18.0
7 30	20 58.43	+ 3 53.5	1.582	2.548	9.0	17.8
8 9	20 49.87	+ 3 13.5	1.556	2.532	7.9	17.7
8 19	20 41.59	+ 2 13.0	1.554	2.515	9.2	17.8
8 29	20 34.62	+ 0 58.0	1.576	2.499	11.9	17.9
9 8	20 29.78	− 0 24.0	1.621	2.482	15.0	18.1

508135 2015 FN_{32} 8 3.4 115°.88 8°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.41	−37 13.5	1.858	2.726	13.5	21.1
7 10	21 19.10	−38 31.5	1.811	2.736	10.9	21.0
7 20	21 10.20	−39 40.2	1.788	2.745	8.8	20.9
7 30	20 59.58	−40 31.1	1.789	2.754	8.1	20.8
8 9	20 48.53	−40 58.4	1.815	2.763	9.2	20.9
8 19	20 38.35	−40 59.9	1.865	2.771	11.4	21.1
8 29	20 30.23	−40 37.2	1.938	2.780	13.8	21.2
9 8	20 24.89	−39 54.8	2.030	2.788	16.0	21.4

507627 2013 GJ_{97} 8 3.4 91°.91 1°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.20	−13 13.1	2.365	3.217	11.5	21.0
7 10	21 12.20	−13 22.9	2.299	3.229	8.7	20.8
7 20	21 5.67	−13 40.1	2.257	3.240	5.4	20.7
7 30	20 58.15	−14 2.7	2.241	3.251	2.1	20.5
8 9	20 50.36	−14 27.7	2.253	3.262	2.0	20.5
8 19	20 43.01	−14 52.3	2.293	3.273	5.3	20.7
8 29	20 36.82	−15 14.2	2.360	3.284	8.4	20.9
9 8	20 32.29	−15 31.3	2.452	3.295	11.1	21.1

242424 2004 JO_{42} 8 3.4 8°.26 1°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.61	−17 51.1	1.512	2.401	14.9	19.5
7 10	21 11.16	−18 34.6	1.451	2.403	11.0	19.3
7 20	21 5.43	−19 27.2	1.412	2.406	6.6	19.1
7 30	20 58.14	−20 23.3	1.397	2.410	2.2	18.8
8 9	20 50.36	−21 16.2	1.407	2.414	3.4	18.9
8 19	20 43.21	−22 0.5	1.441	2.420	7.9	19.2
8 29	20 37.76	−22 32.5	1.499	2.427	12.0	19.4
9 8	20 34.74	−22 50.4	1.578	2.434	15.6	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
312646 2010 EY_{91}			8 3.4 333°.67	3°.1/ 5.1 18		
	h m	° ′			°	m
6 30	21 12.32	− 8 55.0	1.259	2.141	17.7	19.3
7 10	21 10.00	− 9 4.6	1.178	2.121	13.9	19.0
7 20	21 5.05	− 9 34.5	1.116	2.101	9.3	18.7
7 30	20 58.12	−10 23.1	1.074	2.082	4.6	18.3
8 9	20 50.29	−11 25.4	1.056	2.065	3.8	18.2
8 19	20 42.89	−12 34.3	1.061	2.049	8.4	18.5
8 29	20 37.28	−13 41.8	1.087	2.034	13.5	18.7
9 8	20 34.47	−14 40.9	1.133	2.021	18.1	18.9
60959 2000 JH_{73}			8 3.4 12°.28	1°.7/ 4.4 18		
6 30	21 14.86	− 9 49.0	1.044	1.936	19.8	17.9
7 10	21 12.09	−10 35.7	0.988	1.938	15.1	17.6
7 20	21 6.34	−11 46.5	0.950	1.940	9.6	17.4
7 30	20 58.49	−13 15.6	0.932	1.944	3.8	17.0
8 9	20 49.92	−14 53.2	0.937	1.948	3.3	17.0
8 19	20 42.16	−16 28.1	0.965	1.953	9.1	17.4
8 29	20 36.65	−17 50.8	1.014	1.960	14.4	17.7
9 8	20 34.32	−18 55.4	1.081	1.967	19.0	18.0
65763 1994 RC_{10}			8 3.4 230°.95	1°.1/ 4.1 18		
6 30	21 20.60	−12 48.0	1.878	2.735	13.9	20.4
7 10	21 15.33	−13 5.8	1.793	2.725	10.6	20.2
7 20	21 7.91	−13 34.5	1.730	2.714	6.7	20.0
7 30	20 58.94	−14 11.3	1.693	2.704	2.5	19.7
8 9	20 49.34	−14 51.9	1.682	2.692	2.5	19.7
8 19	20 40.14	−15 32.1	1.700	2.680	6.7	19.9
8 29	20 32.35	−16 7.8	1.743	2.668	10.8	20.1
9 8	20 26.76	−16 36.3	1.808	2.655	14.3	20.3
255509 2006 BR_{96}			8 3.4 40°.23	1°.2/ 2.9 17		
6 30	21 24.35	−19 57.6	1.054	1.952	19.1	19.9
7 10	21 18.96	−19 51.1	1.010	1.965	14.2	19.7
7 20	21 10.33	−19 50.4	0.984	1.978	8.6	19.4
7 30	20 59.65	−19 50.4	0.980	1.993	2.7	19.1
8 9	20 48.61	−19 45.9	0.999	2.008	3.8	19.3
8 19	20 38.88	−19 34.1	1.040	2.024	9.5	19.6
8 29	20 31.85	−19 14.2	1.104	2.040	14.5	20.0
9 8	20 28.25	−18 46.5	1.185	2.057	18.6	20.3
425937 2011 GP_{64}			8 3.4 226°.10	7°.4/30.4 18		
6 30	21 27.37	−35 28.2	1.756	2.626	14.1	20.2
7 10	21 20.70	−36 15.9	1.694	2.623	11.2	20.0
7 20	21 11.26	−36 55.2	1.654	2.620	8.6	19.9
7 30	20 59.96	−37 18.2	1.638	2.617	7.4	19.8
8 9	20 48.15	−37 19.1	1.648	2.614	8.5	19.9
8 19	20 37.23	−36 55.9	1.682	2.610	11.0	20.0
8 29	20 28.46	−36 10.8	1.740	2.607	14.0	20.2
9 8	20 22.65	−35 8.3	1.817	2.603	16.7	20.4
231254 2005 YT_{158}			8 3.4 172°.55	1°.0/ 4.1 17		
6 30	21 19.77	−12 32.3	2.022	2.875	13.2	21.7
7 10	21 14.46	−12 53.1	1.947	2.877	10.0	21.5
7 20	21 7.24	−13 24.2	1.896	2.879	6.3	21.3
7 30	20 58.71	−14 2.4	1.870	2.881	2.4	21.0
8 9	20 49.75	−14 43.9	1.873	2.882	2.3	21.0
8 19	20 41.24	−15 24.5	1.902	2.883	6.2	21.3
8 29	20 34.09	−16 0.8	1.959	2.883	9.8	21.5
9 8	20 28.93	−16 30.2	2.038	2.883	13.0	21.7
392834 2012 TZ_{317}			8 3.4 307°.04	8°.8/27.3 18		
6 30	21 19.61	−33 20.6	1.544	2.434	14.6	19.8
7 10	21 15.73	−35 14.7	1.463	2.405	11.8	19.5
7 20	21 8.79	−37 9.3	1.404	2.375	9.4	19.3
7 30	20 59.39	−38 52.5	1.369	2.346	8.9	19.2
8 9	20 48.74	−40 12.9	1.358	2.316	10.7	19.3
8 19	20 38.40	−41 2.8	1.370	2.287	13.8	19.4
8 29	20 30.03	−41 19.9	1.402	2.259	17.3	19.5
9 8	20 24.86	−41 7.0	1.450	2.231	20.4	19.7
123809 2001 BY_{64}			8 3.4 260°.44	4°.8/ 6.6 18		
6 30	21 18.22	− 2 42.2	2.508	3.314	12.3	20.0
7 10	21 13.06	− 2 6.1	2.411	3.300	10.0	19.9
7 20	21 6.31	− 1 41.4	2.338	3.286	7.6	19.7
7 30	20 58.43	− 1 29.0	2.290	3.271	5.4	19.5
8 9	20 50.09	− 1 28.4	2.269	3.257	4.9	19.5
8 19	20 42.00	− 1 38.1	2.276	3.242	6.4	19.5
8 29	20 34.88	− 1 55.7	2.310	3.227	8.9	19.7
9 8	20 29.35	− 2 17.9	2.368	3.211	11.5	19.8
106046 2000 SF_{307}			8 3.4 7°.09	4°.5/ 6.1 18		
6 30	21 17.34	− 5 28.6	1.913	2.749	14.5	19.3
7 10	21 12.71	− 5 0.7	1.838	2.749	11.5	19.1
7 20	21 6.20	− 4 46.6	1.785	2.750	8.3	18.9
7 30	20 58.40	− 4 46.3	1.757	2.751	5.4	18.8
8 9	20 50.17	− 4 58.2	1.754	2.752	4.6	18.7
8 19	20 42.41	− 5 19.7	1.777	2.754	6.9	18.9
8 29	20 35.97	− 5 47.0	1.826	2.756	10.1	19.1
9 8	20 31.53	− 6 16.1	1.898	2.758	13.2	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
257790 2000 DV_{90}			8 3.4 295°.34	0°.2/ 3.3 18		
	h m	° ′			°	m
6 30	21 20.14	−16 27.0	1.449	2.329	15.9	20.6
7 10	21 15.77	−16 42.9	1.358	2.304	12.1	20.3
7 20	21 8.61	−17 9.1	1.288	2.280	7.5	20.0
7 30	20 59.30	−17 42.0	1.242	2.255	2.3	19.6
8 9	20 48.97	−18 15.8	1.221	2.230	3.1	19.6
8 19	20 38.99	−18 45.2	1.224	2.206	8.6	19.8
8 29	20 30.79	−19 6.1	1.250	2.181	13.6	20.1
9 8	20 25.44	−19 16.1	1.297	2.157	18.0	20.3
516116 2015 UH_{53}			8 3.4 284°.57	0°.2/ 3.2 18		
6 30	21 15.60	−16 2.7	2.348	3.211	11.2	21.2
7 10	21 11.27	−16 34.2	2.261	3.198	8.4	21.0
7 20	21 5.29	−17 13.0	2.198	3.186	5.1	20.8
7 30	20 58.14	−17 56.0	2.161	3.174	1.6	20.5
8 9	20 50.53	−18 39.3	2.153	3.162	2.2	20.5
8 19	20 43.22	−19 19.3	2.172	3.150	5.7	20.7
8 29	20 36.98	−19 52.9	2.218	3.137	9.1	20.9
9 8	20 32.43	−20 18.2	2.287	3.125	12.0	21.1
509218 2006 SW_{241}			8 3.4 348°.75	1°.8/ 2.3 18		
6 30	21 17.80	−20 7.3	1.668	2.551	14.0	20.7
7 10	21 13.44	−20 36.4	1.598	2.547	10.4	20.5
7 20	21 6.82	−21 11.1	1.551	2.543	6.3	20.3
7 30	20 58.64	−21 46.6	1.528	2.540	2.4	20.0
8 9	20 49.93	−22 17.5	1.531	2.538	3.6	20.1
8 19	20 41.80	−22 39.7	1.560	2.536	7.8	20.3
8 29	20 35.31	−22 50.8	1.613	2.534	11.7	20.6
9 8	20 31.20	−22 50.1	1.687	2.533	15.2	20.8
166510 2002 QR_{35}			8 3.4 78°.92	3°.3/ 1.3 18		
6 30	21 20.45	−24 25.3	1.868	2.746	13.0	20.3
7 10	21 15.20	−25 5.7	1.803	2.748	9.7	20.1
7 20	21 7.79	−25 47.6	1.761	2.750	6.1	19.9
7 30	20 58.92	−26 25.3	1.745	2.752	3.4	19.7
8 9	20 49.60	−26 53.7	1.756	2.754	4.6	19.8
8 19	20 40.89	−27 9.4	1.792	2.756	8.0	20.0
8 29	20 33.79	−27 11.2	1.854	2.758	11.4	20.2
9 8	20 28.99	−26 59.7	1.937	2.760	14.4	20.5
25900 2000 YH_{98}			8 3.4 51°.87	0°.3/ 3.2 18		
6 30	21 16.61	−16 17.9	2.063	2.931	12.4	18.4
7 10	21 12.03	−16 47.4	2.002	2.942	9.2	18.3
7 20	21 5.71	−17 24.0	1.964	2.953	5.5	18.1
7 30	20 58.25	−18 4.0	1.951	2.964	1.7	17.8
8 9	20 50.47	−18 43.1	1.966	2.976	2.3	17.9
8 19	20 43.20	−19 17.9	2.009	2.987	6.1	18.2
8 29	20 37.24	−19 45.3	2.077	2.999	9.5	18.4
9 8	20 33.17	−20 4.1	2.168	3.011	12.4	18.6
318901 2005 TN_{190}			8 3.4 255°.37	0°.1/ 3.5 17		
6 30	21 19.05	−16 20.6	2.636	3.488	10.5	22.0
7 10	21 13.68	−16 27.4	2.537	3.469	7.9	21.8
7 20	21 6.70	−16 39.1	2.463	3.449	4.9	21.6
7 30	20 58.58	−16 53.7	2.416	3.428	1.5	21.3
8 9	20 50.00	−17 8.5	2.398	3.407	1.9	21.3
8 19	20 41.66	−17 21.3	2.409	3.386	5.3	21.5
8 29	20 34.31	−17 30.0	2.448	3.364	8.5	21.7
9 8	20 28.55	−17 33.6	2.511	3.342	11.3	21.8
154534 2003 FS_{127}			8 3.4 39°.49	2°.9/ 1.9 17		
6 30	21 20.39	−21 54.7	1.340	2.232	16.2	19.5
7 10	21 15.64	−22 34.3	1.292	2.245	12.0	19.2
7 20	21 8.21	−23 18.2	1.264	2.257	7.3	19.0
7 30	20 59.06	−23 59.4	1.260	2.271	3.3	18.8
8 9	20 49.50	−24 31.4	1.281	2.285	4.7	18.9
8 19	20 40.89	−24 49.8	1.326	2.299	9.1	19.2
8 29	20 34.42	−24 53.1	1.393	2.314	13.2	19.5
9 8	20 30.81	−24 42.2	1.481	2.330	16.8	19.8
137154 1999 EN			8 3.4 191°.72	0°.2/ 3.3 18		
6 30	21 21.26	−16 15.7	1.945	2.807	13.2	21.7
7 10	21 15.70	−16 40.0	1.870	2.806	9.9	21.4
7 20	21 8.07	−17 11.9	1.817	2.805	6.0	21.2
7 30	20 59.03	−17 47.8	1.790	2.803	1.9	20.9
8 9	20 49.47	−18 23.3	1.791	2.800	2.5	21.0
8 19	20 40.41	−18 54.3	1.820	2.797	6.6	21.2
8 29	20 32.80	−19 18.1	1.874	2.794	10.5	21.5
9 8	20 27.35	−19 33.0	1.951	2.790	13.7	21.7
203205 2001 DE_{60}			8 3.4 273°.80	1°.6/ 4.7 18		
6 30	21 16.49	− 9 15.0	1.829	2.683	14.3	20.2
7 10	21 12.37	−10 3.4	1.743	2.672	11.0	19.9
7 20	21 6.18	−11 8.6	1.679	2.661	7.1	19.7
7 30	20 58.49	−12 27.2	1.640	2.649	3.0	19.4
8 9	20 50.14	−13 53.3	1.628	2.637	2.5	19.3
8 19	20 42.12	−15 20.3	1.643	2.625	6.7	19.6
8 29	20 35.42	−16 41.8	1.684	2.614	10.8	19.8
9 8	20 30.84	−17 52.8	1.748	2.602	14.4	20.0

342881 2008 YC_{58} 8 3.4 238°.17 1°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.40	−19 40.8	1.943	2.815	12.8	21.7
7 10	21 14.38	−20 15.0	1.868	2.811	9.5	21.5
7 20	21 7.31	−20 54.6	1.816	2.807	5.8	21.3
7 30	20 58.81	−21 35.1	1.790	2.802	2.1	21.0
8 9	20 49.80	−22 11.7	1.792	2.798	3.2	21.1
8 19	20 41.27	−22 40.5	1.820	2.793	7.1	21.4
8 29	20 34.18	−22 58.8	1.873	2.788	10.7	21.6
9 8	20 29.23	−23 6.1	1.949	2.783	13.9	21.8

324457 2006 UH_{8} 8 3.4 5°.12 6°.9/31.1 17

6 30	21 12.93	−26 27.0	0.878	1.805	19.1	19.2
7 10	21 11.30	−27 38.8	0.834	1.803	14.4	18.9
7 20	21 6.14	−28 52.3	0.809	1.804	9.7	18.7
7 30	20 58.53	−29 55.1	0.802	1.807	6.9	18.5
8 9	20 50.21	−30 36.1	0.815	1.812	8.8	18.6
8 19	20 43.06	−30 49.1	0.848	1.819	13.2	18.9
8 29	20 38.68	−30 33.9	0.899	1.828	17.8	19.2
9 8	20 37.93	−29 54.3	0.966	1.839	21.7	19.5

397074 2005 UF_{183} 8 3.4 6°.77 4°.4/ 6.6 18

6 30	21 16.11	− 3 55.2	2.092	2.918	13.8	21.0
7 10	21 11.69	− 3 41.6	2.015	2.919	11.0	20.8
7 20	21 5.55	− 3 42.4	1.959	2.919	8.0	20.7
7 30	20 58.25	− 3 57.5	1.928	2.919	5.3	20.5
8 9	20 50.53	− 4 25.0	1.923	2.920	4.5	20.4
8 19	20 43.21	− 5 1.6	1.945	2.921	6.5	20.6
8 29	20 37.08	− 5 43.3	1.993	2.922	9.4	20.8
9 8	20 32.74	− 6 25.9	2.064	2.923	12.3	20.9

257699 1999 WR_{23} 8 3.4 113°.48 1°.9/ 4.9 18

6 30	21 16.52	− 9 56.3	2.445	3.286	11.6	21.3
7 10	21 11.72	−10 4.1	2.373	3.294	8.8	21.2
7 20	21 5.44	−10 21.3	2.325	3.301	5.8	21.0
7 30	20 58.19	−10 46.3	2.303	3.309	2.8	20.8
8 9	20 50.63	−11 16.4	2.309	3.316	2.4	20.8
8 19	20 43.47	−11 48.6	2.343	3.324	5.2	21.0
8 29	20 37.38	−12 20.0	2.405	3.331	8.2	21.2
9 8	20 32.87	−12 48.1	2.491	3.338	10.8	21.4

23398 5124 $T\text{-}_{3}$ 8 3.4 141°.75 2°.3/ 1.9 18

6 30	21 20.98	−19 20.7	1.588	2.467	14.8	18.5
7 10	21 15.92	−20 23.2	1.525	2.472	11.0	18.3
7 20	21 8.39	−21 33.8	1.484	2.476	6.7	18.0
7 30	20 59.17	−22 45.5	1.468	2.480	2.7	17.8
8 9	20 49.38	−23 50.8	1.479	2.483	4.1	17.9
8 19	20 40.23	−24 43.7	1.516	2.487	8.4	18.2
8 29	20 32.88	−25 20.7	1.576	2.490	12.5	18.4
9 8	20 28.12	−25 41.3	1.658	2.493	15.9	18.6

350349 2012 UP_{109} 8 3.4 323°.79 3°.7/ 1.3 18

6 30	21 16.33	−22 36.4	1.340	2.239	15.7	19.9
7 10	21 13.17	−23 25.7	1.257	2.214	11.9	19.6
7 20	21 7.14	−24 22.4	1.195	2.189	7.5	19.3
7 30	20 58.90	−25 19.2	1.155	2.165	3.9	19.1
8 9	20 49.65	−26 7.6	1.139	2.141	5.6	19.1
8 19	20 40.84	−26 40.9	1.147	2.119	10.3	19.3
8 29	20 33.96	−26 55.0	1.175	2.098	15.0	19.5
9 8	20 30.10	−26 49.9	1.222	2.078	19.2	19.7

260285 2004 TT_{43} 8 3.4 333°.00 2°.0/ 4.7 18

6 30	21 15.61	−11 11.4	1.895	2.755	13.6	20.3
7 10	21 11.59	−11 10.2	1.813	2.744	10.5	20.0
7 20	21 5.63	−11 20.0	1.752	2.734	6.8	19.8
7 30	20 58.31	−11 38.9	1.716	2.725	3.2	19.6
8 9	20 50.48	−12 4.2	1.707	2.716	2.7	19.5
8 19	20 43.04	−12 32.3	1.724	2.707	6.4	19.7
8 29	20 36.91	−12 59.5	1.766	2.699	10.1	19.9
9 8	20 32.78	−13 22.9	1.830	2.692	13.5	20.1

338483 2003 HY_{10} 8 3.4 273°.07 18°.5/16.6 17

6 30	21 17.18	+20 56.7	1.262	1.987	26.0	20.9
7 10	21 13.86	+22 19.9	1.188	1.976	24.2	20.7
7 20	21 7.61	+23 3.2	1.124	1.964	22.2	20.5
7 30	20 59.07	+22 56.4	1.075	1.953	20.3	20.3
8 9	20 49.43	+21 53.4	1.041	1.941	18.9	20.2
8 19	20 40.15	+19 54.9	1.024	1.929	18.6	20.1
8 29	20 32.80	+17 9.8	1.026	1.917	19.5	20.2
9 8	20 28.55	+13 54.5	1.047	1.905	21.5	20.2

411948 2012 GR_{37} 8 3.4 294°.41 3°.0/31.6 18

6 30	21 15.82	−24 52.7	2.519	3.393	10.2	20.6
7 10	21 11.40	−25 48.0	2.445	3.388	7.6	20.4
7 20	21 5.35	−26 44.9	2.396	3.383	4.9	20.3
7 30	20 58.20	−27 38.8	2.374	3.378	3.1	20.1
8 9	20 50.64	−28 25.3	2.380	3.373	4.1	20.2
8 19	20 43.42	−29 1.0	2.413	3.368	6.8	20.4
8 29	20 37.29	−29 24.1	2.472	3.363	9.5	20.5
9 8	20 32.83	−29 34.4	2.554	3.358	11.9	20.7

60007 1999 TO_{16} 8 3.4 42°.69 0°.0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.13	−15 56.2	1.920	2.789	13.1	18.8
7 10	21 12.55	−16 18.8	1.859	2.799	9.7	18.6
7 20	21 6.09	−16 49.0	1.821	2.810	5.9	18.4
7 30	20 58.43	−17 23.4	1.808	2.820	1.8	18.2
8 9	20 50.42	−17 57.5	1.822	2.831	2.3	18.2
8 19	20 42.97	−18 27.8	1.863	2.843	6.3	18.5
8 29	20 36.93	−18 51.4	1.929	2.854	9.9	18.7
9 8	20 32.89	−19 6.8	2.018	2.866	13.0	19.0

347558 2000 UP_{18} 8 3.4 344°.95 6°.1/ 4.6 18

6 30	21 11.38	−12 33.9	0.784	1.703	21.7	18.1
7 10	21 10.40	−10 52.8	0.719	1.681	17.2	17.7
7 20	21 5.86	− 9 18.9	0.668	1.660	12.0	17.4
7 30	20 58.58	− 7 56.8	0.636	1.643	7.2	17.0
8 9	20 50.12	− 6 49.9	0.621	1.628	6.9	16.9
8 19	20 42.39	− 6 0.4	0.625	1.616	11.7	17.1
8 29	20 37.30	− 5 26.7	0.645	1.607	17.3	17.4
9 8	20 36.09	− 5 4.3	0.680	1.602	22.5	17.7

516963 2012 DE_{90} 8 3.4 204°.01 7°.2/12.0 18

6 30	21 14.58	+13 32.0	3.277	3.969	11.9	22.6
7 10	21 10.08	+13 49.2	3.183	3.964	10.5	22.5
7 20	21 4.39	+13 49.4	3.109	3.958	9.1	22.4
7 30	20 57.90	+13 31.5	3.057	3.952	7.9	22.3
8 9	20 51.08	+12 55.5	3.031	3.945	7.3	22.2
8 19	20 44.47	+12 3.2	3.030	3.938	7.4	22.2
8 29	20 38.59	+10 57.6	3.056	3.930	8.4	22.3
9 8	20 33.89	+ 9 43.1	3.106	3.922	9.7	22.4

449007 2012 BX_{80} 8 3.4 27°.69 1°.7/ 1.9 18

6 30	21 15.55	−19 7.4	2.081	2.956	12.0	21.2
7 10	21 11.38	−20 4.8	2.015	2.960	8.8	21.0
7 20	21 5.42	−21 8.4	1.973	2.964	5.3	20.8
7 30	20 58.24	−22 13.2	1.957	2.969	2.1	20.6
8 9	20 50.66	−23 13.8	1.969	2.974	3.2	20.7
8 19	20 43.53	−24 5.7	2.008	2.979	6.7	20.9
8 29	20 37.66	−24 45.8	2.072	2.984	10.0	21.1
9 8	20 33.69	−25 13.0	2.159	2.990	12.9	21.3

6518 Vernon 8 3.4 108°.71 1°.8/ 1.9 18 R

6 30	21 21.88	−18 54.3	2.088	2.951	12.4	18.0
7 10	21 15.91	−20 5.3	2.037	2.976	9.1	17.8
7 20	21 8.08	−21 21.7	2.011	3.000	5.5	17.6
7 30	20 59.05	−22 37.6	2.013	3.024	2.2	17.5
8 9	20 49.72	−23 47.1	2.043	3.047	3.3	17.6
8 19	20 41.00	−24 45.6	2.102	3.069	6.8	17.9
8 29	20 33.73	−25 30.6	2.188	3.090	10.0	18.1
9 8	20 28.50	−26 1.4	2.296	3.111	12.7	18.3

477890 2011 JP_{21} 8 3.4 59°.54 2°.9/ 5.2 17

6 30	21 18.64	− 8 35.6	1.560	2.418	16.2	21.5
7 10	21 13.99	− 8 44.1	1.500	2.429	12.5	21.2
7 20	21 7.13	− 9 8.4	1.461	2.440	8.3	21.0
7 30	20 58.79	− 9 46.1	1.445	2.451	4.2	20.8
8 9	20 50.03	−10 32.7	1.455	2.463	3.4	20.8
8 19	20 41.93	−11 22.8	1.491	2.474	7.1	21.1
8 29	20 35.52	−12 11.3	1.551	2.486	11.1	21.3
9 8	20 31.49	−12 53.7	1.633	2.498	14.7	21.6

107269 2001 BF_{70} 8 3.4 242°.55 8°.2/10.2 18

6 30	21 19.01	+ 8 18.9	1.959	2.719	16.8	19.5
7 10	21 14.22	+ 8 10.3	1.857	2.702	14.5	19.3
7 20	21 7.36	+ 7 34.9	1.774	2.684	11.9	19.1
7 30	20 58.93	+ 6 30.6	1.714	2.666	9.5	18.9
8 9	20 49.75	+ 4 58.7	1.678	2.646	8.2	18.8
8 19	20 40.77	+ 3 4.0	1.669	2.626	9.0	18.8
8 29	20 33.01	+ 0 54.6	1.687	2.605	11.5	18.9
9 8	20 27.28	− 1 19.8	1.729	2.584	14.5	19.1

511324 2014 DY_{129} 8 3.4 203°.68 1°.4/ 2.4 18

6 30	21 20.13	−19 39.7	2.187	3.052	11.9	22.5
7 10	21 14.74	−20 13.0	2.110	3.049	8.8	22.3
7 20	21 7.46	−20 51.1	2.056	3.045	5.3	22.1
7 30	20 58.90	−21 29.9	2.029	3.041	1.9	21.9
8 9	20 49.88	−22 5.0	2.030	3.036	2.9	22.0
8 19	20 41.27	−22 33.0	2.059	3.031	6.5	22.2
8 29	20 33.96	−22 51.6	2.115	3.025	9.9	22.4
9 8	20 28.59	−23 0.0	2.193	3.019	12.9	22.6

134596 1999 TD_{125} 8 3.4 16°.18 6°.0/ 6.3 18

6 30	21 17.94	− 5 11.0	1.186	2.051	19.7	19.3
7 10	21 14.09	− 4 37.1	1.127	2.054	15.7	19.1
7 20	21 7.48	− 4 24.7	1.085	2.058	11.3	18.8
7 30	20 58.96	− 4 34.3	1.064	2.062	7.3	18.6
8 9	20 49.83	− 5 3.2	1.066	2.067	6.1	18.6
8 19	20 41.46	− 5 46.0	1.091	2.073	9.2	18.8
8 29	20 35.17	− 6 35.7	1.137	2.080	13.5	19.0
9 8	20 31.80	− 7 25.0	1.203	2.087	17.5	19.3

8139 Paulabell 8 3.4 235°.42 2°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.39	−10 57.0	1.555	2.414	16.1	18.2
7 10	21 17.06	−10 50.8	1.476	2.406	12.5	18.0
7 20	21 9.19	−10 57.5	1.417	2.399	8.2	17.7
7 30	20 59.51	−11 15.5	1.382	2.391	3.8	17.5
8 9	20 49.10	−11 41.0	1.374	2.382	3.3	17.4
8 19	20 39.21	−12 10.0	1.391	2.373	7.7	17.6
8 29	20 31.06	−12 38.0	1.432	2.364	12.1	17.9
9 8	20 25.52	−13 1.7	1.495	2.355	16.1	18.1

140709 2001 US_{82} 8 3.4 223°.11 0°.2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.55	−14 54.0	2.398	3.253	11.3	20.9
7 10	21 12.67	−15 18.8	2.314	3.247	8.5	20.7
7 20	21 6.15	−15 50.9	2.254	3.240	5.2	20.4
7 30	20 58.49	−16 27.7	2.221	3.233	1.7	20.2
8 9	20 50.40	−17 5.5	2.216	3.226	2.0	20.2
8 19	20 42.64	−17 41.0	2.239	3.218	5.5	20.4
8 29	20 35.97	−18 11.4	2.290	3.210	8.8	20.6
9 8	20 30.97	−18 34.9	2.364	3.202	11.7	20.8

200149 1998 HL_{147} 8 3.4 19°.70 3°.4/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.26	−19 24.9	1.456	2.347	15.2	18.7
7 10	21 12.66	−21 12.2	1.398	2.351	11.2	18.5
7 20	21 6.55	−23 10.4	1.362	2.355	6.9	18.2
7 30	20 58.68	−25 9.6	1.351	2.360	3.5	18.1
8 9	20 50.17	−26 59.2	1.366	2.365	5.4	18.2
8 19	20 42.27	−28 30.6	1.406	2.371	9.6	18.4
8 29	20 36.17	−29 38.6	1.469	2.377	13.6	18.7
9 8	20 32.71	−30 22.6	1.553	2.384	17.0	18.9

336160 2008 RW_{14} 8 3.4 235°.15 3°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.16	−26 41.3	1.996	2.865	12.7	21.7
7 10	21 18.73	−27 3.1	1.916	2.855	9.6	21.5
7 20	21 10.02	−27 23.5	1.860	2.845	6.2	21.3
7 30	20 59.74	−27 37.4	1.830	2.835	3.7	21.1
8 9	20 48.90	−27 40.5	1.828	2.824	4.8	21.2
8 19	20 38.64	−27 30.4	1.853	2.813	8.1	21.4
8 29	20 30.00	−27 6.9	1.904	2.802	11.5	21.5
9 8	20 23.75	−26 31.6	1.976	2.790	14.5	21.7

19702 1999 SK_{23} 8 3.4 292°.64 3°.5/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.06	−25 20.3	2.130	3.007	11.7	17.9
7 10	21 13.42	−26 9.1	2.048	2.992	8.8	17.7
7 20	21 6.79	−26 59.7	1.989	2.976	5.7	17.5
7 30	20 58.74	−27 46.9	1.957	2.961	3.6	17.4
8 9	20 50.11	−28 25.3	1.951	2.945	4.8	17.4
8 19	20 41.86	−28 51.2	1.972	2.930	7.8	17.6
8 29	20 34.92	−29 2.7	2.019	2.915	11.0	17.7
9 8	20 30.02	−28 59.9	2.086	2.900	13.9	17.9

113711 2002 TK_{132} 8 3.4 13°.24 1°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.46	−13 47.2	1.152	2.043	18.4	19.0
7 10	21 14.59	−13 42.3	1.096	2.045	14.0	18.7
7 20	21 7.82	−13 50.8	1.058	2.049	8.8	18.5
7 30	20 59.09	−14 9.6	1.041	2.053	3.3	18.2
8 9	20 49.76	−14 33.6	1.048	2.058	3.2	18.2
8 19	20 41.31	−14 57.6	1.078	2.065	8.6	18.5
8 29	20 35.07	−15 17.0	1.129	2.072	13.6	18.8
9 8	20 31.88	−15 28.8	1.199	2.080	17.8	19.1

355652 2008 EW_{67} 8 3.5 253°.16 0°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.24	−15 5.5	2.182	3.041	12.1	20.8
7 10	21 13.30	−15 14.8	2.102	3.037	9.1	20.6
7 20	21 6.58	−15 31.1	2.046	3.032	5.6	20.4
7 30	20 58.65	−15 51.9	2.016	3.028	1.9	20.2
8 9	20 50.30	−16 14.2	2.014	3.024	2.1	20.2
8 19	20 42.34	−16 34.8	2.039	3.019	5.8	20.4
8 29	20 35.62	−16 51.2	2.091	3.015	9.3	20.6
9 8	20 30.74	−17 1.9	2.166	3.010	12.4	20.8

396978 2005 SV_{103} 8 3.5 337°.59 5°.5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.98	− 2 13.9	1.941	2.765	14.8	20.2
7 10	21 11.79	− 1 47.1	1.861	2.760	12.0	20.0
7 20	21 5.75	− 1 36.5	1.801	2.755	9.0	19.8
7 30	20 58.41	− 1 42.7	1.765	2.750	6.4	19.6
8 9	20 50.58	− 2 4.2	1.755	2.746	5.5	19.6
8 19	20 43.14	− 2 38.2	1.770	2.742	7.3	19.7
8 29	20 36.95	− 3 20.3	1.810	2.738	10.2	19.8
9 8	20 32.68	− 4 5.6	1.873	2.735	13.2	20.0

319011 2005 UE_{492} 8 3.5 269°.72 0°.6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.72	−12 23.2	2.322	3.175	11.7	21.1
7 10	21 11.45	−13 3.0	2.230	3.161	8.8	20.8
7 20	21 5.49	−13 53.5	2.161	3.146	5.6	20.6
7 30	20 58.33	−14 51.7	2.119	3.131	2.0	20.3
8 9	20 50.66	−15 53.5	2.105	3.115	2.0	20.3
8 19	20 43.23	−16 54.3	2.120	3.100	5.6	20.5
8 29	20 36.84	−17 50.2	2.161	3.084	9.1	20.7
9 8	20 32.13	−18 37.9	2.226	3.069	12.1	20.9

46522 1979 MS_7 8 3.5 347°.44 2°.9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.93	−10 7.2	1.534	2.400	15.9	18.8
7 10	21 12.93	− 9 55.5	1.461	2.395	12.3	18.6
7 20	21 6.63	− 9 57.4	1.408	2.390	8.2	18.3
7 30	20 58.72	−10 11.7	1.378	2.385	4.1	18.1
8 9	20 50.21	−10 35.0	1.374	2.381	3.5	18.0
8 19	20 42.24	−11 3.5	1.394	2.378	7.4	18.2
8 29	20 35.91	−11 32.5	1.438	2.376	11.6	18.5
9 8	20 31.99	−11 58.2	1.503	2.374	15.4	18.7

365988 2012 BG_{83} 8 3.5 235°.88 1°.2/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.81	−18 54.1	2.481	3.345	10.7	21.4
7 10	21 12.13	−19 34.5	2.399	3.338	7.9	21.2
7 20	21 5.84	−20 20.1	2.341	3.330	4.8	21.0
7 30	20 58.42	−21 7.2	2.310	3.322	1.7	20.7
8 9	20 50.58	−21 51.9	2.308	3.314	2.6	20.8
8 19	20 43.06	−22 30.6	2.334	3.306	5.8	21.0
8 29	20 36.59	−23 0.8	2.387	3.298	8.9	21.2
9 8	20 31.76	−23 21.2	2.464	3.289	11.6	21.4

88439 2001 QA_{74} 8 3.5 352°.68 2°.3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.74	−20 57.7	0.889	1.807	19.8	18.1
7 10	21 14.16	−21 5.5	0.833	1.799	14.9	17.8
7 20	21 7.99	−21 20.1	0.795	1.793	9.2	17.5
7 30	20 59.24	−21 34.9	0.775	1.788	3.4	17.1
8 9	20 49.62	−21 42.6	0.776	1.785	4.9	17.2
8 19	20 41.03	−21 38.3	0.797	1.783	10.9	17.5
8 29	20 35.22	−21 20.0	0.837	1.784	16.5	17.9
9 8	20 33.16	−20 48.4	0.893	1.785	21.3	18.2

11928 Akimotohiro 8 3.5 130°.43 0°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.47	−18 36.2	2.146	3.006	12.3	18.1
7 10	21 16.33	−18 57.1	2.084	3.020	9.1	17.9
7 20	21 8.35	−19 22.4	2.045	3.033	5.5	17.7
7 30	20 59.20	−19 48.5	2.034	3.046	1.7	17.5
8 9	20 49.74	−20 11.8	2.051	3.059	2.5	17.6
8 19	20 40.87	−20 29.3	2.096	3.071	6.2	17.8
8 29	20 33.42	−20 39.4	2.168	3.082	9.5	18.1
9 8	20 27.97	−20 41.3	2.263	3.093	12.4	18.3

139517 2001 PY_{57} 8 3.5 148°.16 2°.6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.44	−25 4.0	2.097	2.963	12.3	19.4
7 10	21 17.92	−25 8.1	2.027	2.966	9.1	19.2
7 20	21 9.38	−25 11.2	1.981	2.968	5.7	19.0
7 30	20 59.53	−25 9.2	1.962	2.970	2.8	18.8
8 9	20 49.34	−24 59.3	1.970	2.972	3.8	18.9
8 19	20 39.79	−24 39.8	2.007	2.974	7.0	19.1
8 29	20 31.81	−24 10.9	2.070	2.975	10.3	19.3
9 8	20 26.03	−23 33.9	2.156	2.977	13.2	19.5

488324 2016 UH_{135} 8 3.5 295°.99 7°.3/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.75	− 0 3.0	1.823	2.636	16.0	21.0
7 10	21 14.22	+ 0 49.6	1.722	2.610	13.4	20.7
7 20	21 7.48	+ 1 26.1	1.641	2.583	10.6	20.5
7 30	20 59.05	+ 1 43.7	1.583	2.557	8.1	20.3
8 9	20 49.79	+ 1 41.7	1.549	2.530	7.4	20.2
8 19	20 40.71	+ 1 21.4	1.541	2.504	9.1	20.2
8 29	20 32.89	+ 0 46.5	1.557	2.478	12.1	20.4
9 8	20 27.22	+ 0 2.7	1.594	2.451	15.4	20.5

299767 2006 SK_{21} 8 3.5 354°.51 0°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.64	−14 9.2	1.724	2.595	14.2	20.3
7 10	21 12.52	−14 34.8	1.653	2.593	10.7	20.0
7 20	21 6.30	−15 11.2	1.603	2.592	6.6	19.8
7 30	20 58.62	−15 54.7	1.578	2.590	2.2	19.5
8 9	20 50.43	−16 40.4	1.579	2.590	2.4	19.5
8 19	20 42.75	−17 23.5	1.607	2.589	6.8	19.8
8 29	20 36.55	−18 0.0	1.659	2.589	10.9	20.0
9 8	20 32.57	−18 27.1	1.733	2.589	14.4	20.3

511164 2013 YW_{44} 8 3.5 225°.84 1°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.36	−18 13.7	1.959	2.828	12.9	22.0
7 10	21 14.47	−19 12.7	1.880	2.821	9.6	21.8
7 20	21 7.49	−20 20.1	1.824	2.814	5.8	21.5
7 30	20 59.01	−21 30.5	1.794	2.806	2.1	21.3
8 9	20 49.93	−22 37.7	1.792	2.798	3.3	21.3
8 19	20 41.24	−23 36.3	1.818	2.789	7.2	21.6
8 29	20 33.91	−24 22.4	1.869	2.780	11.0	21.8
9 8	20 28.72	−24 54.5	1.942	2.771	14.2	22.0

358455 2007 EG_{131} 8 3.5 148°.40 1°.8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.92	− 8 30.4	2.952	3.779	10.1	22.3
7 10	21 11.10	− 8 49.0	2.876	3.789	7.8	22.1
7 20	21 5.04	− 9 16.6	2.825	3.797	5.2	22.0
7 30	20 58.17	− 9 51.5	2.801	3.805	2.6	21.8
8 9	20 51.04	−10 31.3	2.807	3.813	2.2	21.8
8 19	20 44.21	−11 13.2	2.841	3.820	4.5	22.0
8 29	20 38.25	−11 54.4	2.904	3.827	7.0	22.1
9 8	20 33.60	−12 32.4	2.993	3.834	9.4	22.3

480815 1996 AC_{10} 8 3.5 255°.16 1°.9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.57	−11 24.9	2.336	3.180	11.9	21.4
7 10	21 13.45	−11 13.7	2.250	3.173	9.1	21.2
7 20	21 6.65	−11 10.6	2.187	3.165	6.0	21.0
7 30	20 58.71	−11 14.3	2.150	3.157	2.8	20.8
8 9	20 50.35	−11 22.9	2.142	3.149	2.5	20.7
8 19	20 42.33	−11 34.1	2.162	3.142	5.6	20.9
8 29	20 35.43	−11 45.6	2.208	3.134	8.8	21.1
9 8	20 30.24	−11 55.3	2.278	3.125	11.7	21.3

179375 2001 XH_{235} 8 3.5 274°.19 0°.1/ 3.6 18

6 30	21 18.19	−15 30.6	2.180	3.040	12.1	21.1
7 10	21 13.40	−15 46.7	2.087	3.023	9.1	20.9
7 20	21 6.76	−16 10.2	2.018	3.005	5.6	20.7
7 30	20 58.78	−16 38.5	1.976	2.988	1.8	20.4
8 9	20 50.24	−17 7.9	1.961	2.970	2.2	20.4
8 19	20 42.01	−17 35.1	1.973	2.953	6.1	20.6
8 29	20 34.94	−17 57.2	2.012	2.935	9.7	20.8
9 8	20 29.75	−18 12.4	2.074	2.917	12.9	21.0

154112 2002 EA_{34} 8 3.5 307°.01 4°.1/31.7 18

6 30	21 20.05	−27 46.9	2.068	2.944	12.0	19.8
7 10	21 14.90	−28 22.8	1.994	2.936	9.1	19.6
7 20	21 7.68	−28 57.3	1.944	2.928	6.1	19.5
7 30	20 59.05	−29 25.4	1.920	2.921	4.1	19.3
8 9	20 49.95	−29 42.4	1.923	2.913	5.2	19.4
8 19	20 41.35	−29 45.5	1.952	2.906	8.1	19.5
8 29	20 34.23	−29 34.0	2.005	2.899	11.2	19.7
9 8	20 29.27	−29 9.2	2.081	2.892	14.0	19.9

352362 2007 VJ_{206} 8 3.5 175°.18 1°.5/ 4.5 18

6 30	21 18.30	−11 42.7	2.035	2.888	13.1	21.6
7 10	21 13.43	−11 55.0	1.960	2.889	10.0	21.4
7 20	21 6.72	−12 17.7	1.907	2.889	6.4	21.2
7 30	20 58.74	−12 48.3	1.880	2.890	2.7	21.0
8 9	20 50.33	−13 23.4	1.880	2.890	2.4	20.9
8 19	20 42.37	−13 59.2	1.908	2.890	6.0	21.2
8 29	20 35.69	−14 32.2	1.962	2.890	9.6	21.4
9 8	20 30.95	−14 59.8	2.039	2.890	12.8	21.6

2526 Alisary 8 3.5 242°.97 1°.2/ 2.4 18

6 30	21 17.69	−20 0.3	2.626	3.488	10.2	17.9
7 10	21 12.72	−20 27.7	2.538	3.476	7.6	17.7
7 20	21 6.19	−20 58.8	2.476	3.465	4.6	17.5
7 30	20 58.57	−21 30.4	2.441	3.453	1.7	17.2
8 9	20 50.54	−21 59.1	2.435	3.440	2.5	17.3
8 19	20 42.80	−22 22.1	2.457	3.428	5.6	17.5
8 29	20 36.08	−22 37.6	2.506	3.415	8.6	17.7
9 8	20 30.94	−22 44.6	2.579	3.402	11.3	17.8

5316 Filatov 8 3.5 195°.25 6°.5/ 8.9 18

6 30	21 15.64	+ 4 14.9	2.456	3.231	13.4	17.1
7 10	21 11.19	+ 4 42.7	2.374	3.231	11.3	16.9
7 20	21 5.24	+ 4 53.7	2.313	3.231	9.2	16.8
7 30	20 58.27	+ 4 47.0	2.275	3.230	7.3	16.7
8 9	20 50.92	+ 4 23.3	2.263	3.230	6.5	16.6
8 19	20 43.88	+ 3 44.8	2.278	3.229	7.3	16.7
8 29	20 37.83	+ 2 55.3	2.318	3.228	9.2	16.8
9 8	20 33.32	+ 1 59.6	2.382	3.227	11.3	16.9

500076 2011 WO_{70} 8 3.5 114°.78 4°.7/31.9 17

6 30	21 24.26	−24 41.6	1.385	2.273	16.1	20.9
7 10	21 18.74	−25 48.7	1.331	2.280	12.0	20.6
7 20	21 10.32	−26 58.4	1.298	2.287	7.7	20.4
7 30	20 59.93	−28 1.8	1.290	2.295	4.8	20.3
8 9	20 48.95	−28 50.4	1.306	2.302	6.3	20.4
8 19	20 38.88	−29 19.2	1.347	2.308	10.3	20.6
8 29	20 31.05	−29 26.9	1.410	2.315	14.3	20.9
9 8	20 26.29	−29 15.8	1.493	2.321	17.7	21.1

123478 2000 WU_{161} 8 3.5 110°.76 6°.3/27.9 18

6 30	21 21.94	−37 6.0	2.671	3.528	10.2	19.4
7 10	21 15.98	−38 33.0	2.631	3.548	8.3	19.3
7 20	21 8.19	−39 52.8	2.617	3.567	6.7	19.3
7 30	20 59.19	−40 59.3	2.629	3.586	6.3	19.3
8 9	20 49.85	−41 48.1	2.669	3.605	7.2	19.3
8 19	20 41.01	−42 17.2	2.735	3.623	8.9	19.5
8 29	20 33.53	−42 26.6	2.825	3.641	10.7	19.6
9 8	20 28.01	−42 18.9	2.936	3.658	12.3	19.8

488364 2016 WN_{30} 8 3.5 192°.89 3°.6/ 6.9 18

6 30	21 15.41	− 2 55.6	2.787	3.594	11.2	21.8
7 10	21 10.86	− 3 0.0	2.701	3.593	9.0	21.6
7 20	21 4.97	− 3 16.6	2.638	3.591	6.6	21.5
7 30	20 58.19	− 3 44.9	2.600	3.588	4.4	21.3
8 9	20 51.07	− 4 23.0	2.591	3.586	3.7	21.3
8 19	20 44.22	− 5 8.1	2.610	3.583	5.2	21.4
8 29	20 38.23	− 5 56.8	2.657	3.580	7.6	21.5
9 8	20 33.60	− 6 45.8	2.729	3.576	10.0	21.7

155463 1998 RM_{53} 8 3.5 320°.28 3°.9/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.52	− 4 8.6	2.158	2.987	13.3	19.8
7 10	21 10.59	− 4 14.6	2.074	2.980	10.6	19.6
7 20	21 4.99	− 4 35.8	2.011	2.974	7.6	19.4
7 30	20 58.22	− 5 11.3	1.973	2.967	4.8	19.2
8 9	20 51.01	− 5 58.4	1.961	2.961	4.0	19.2
8 19	20 44.12	− 6 53.5	1.977	2.956	6.1	19.3
8 29	20 38.33	− 7 51.7	2.019	2.950	9.2	19.5
9 8	20 34.25	− 8 48.7	2.084	2.945	12.1	19.7

198284 2004 TM_{297} 8 3.5 225°.37 12°.5/14.7 18

6 30	21 18.54	+21 53.6	2.378	3.019	16.9	20.9
7 10	21 13.63	+22 57.8	2.290	3.010	15.7	20.7
7 20	21 6.91	+23 37.6	2.217	3.000	14.4	20.6
7 30	20 58.85	+23 48.5	2.162	2.989	13.3	20.5
8 9	20 50.20	+23 28.4	2.128	2.978	12.6	20.5
8 19	20 41.78	+22 37.7	2.115	2.966	12.5	20.4
8 29	20 34.45	+21 20.3	2.125	2.954	13.2	20.5
9 8	20 28.89	+19 42.9	2.155	2.942	14.4	20.5

354353 2003 GT_{48} 8 3.5 65°.01 2°.5/ 5.6 18

6 30	21 15.57	− 7 9.4	2.088	2.929	13.3	20.7
7 10	21 11.34	− 7 37.2	2.017	2.936	10.3	20.5
7 20	21 5.41	− 8 19.3	1.969	2.943	6.9	20.3
7 30	20 58.35	− 9 13.3	1.946	2.949	3.6	20.1
8 9	20 50.91	−10 15.0	1.950	2.956	2.8	20.1
8 19	20 43.89	−11 19.7	1.981	2.963	5.8	20.3
8 29	20 38.06	−12 22.8	2.039	2.970	9.1	20.5
9 8	20 34.02	−13 20.0	2.121	2.977	12.1	20.7

3255 Tholen 8 3.5 290°.90 8°.0/31.2 18

6 30	21 36.12	−35 57.2	1.629	2.490	15.4	17.3
7 10	21 28.25	−36 27.5	1.527	2.451	12.5	17.0
7 20	21 16.64	−36 48.5	1.446	2.412	9.7	16.7
7 30	21 2.09	−36 49.9	1.389	2.372	8.0	16.6
8 9	20 46.15	−36 22.9	1.358	2.331	9.2	16.5
8 19	20 30.76	−35 24.4	1.353	2.290	12.5	16.6
8 29	20 17.80	−33 57.2	1.372	2.248	16.5	16.7
9 8	20 8.58	−32 9.0	1.411	2.205	20.2	16.9

107621 2001 EC_{8} 8 3.5 85°.17 2°.2/ 2.2 18

6 30	21 22.57	−19 57.4	1.455	2.338	15.7	19.3
7 10	21 17.18	−20 43.2	1.403	2.350	11.6	19.1
7 20	21 9.23	−21 35.4	1.371	2.363	7.1	18.9
7 30	20 59.57	−22 27.4	1.364	2.376	2.8	18.6
8 9	20 49.47	−23 12.2	1.383	2.388	4.1	18.8
8 19	20 40.22	−23 44.9	1.427	2.401	8.5	19.1
8 29	20 33.00	−24 3.2	1.494	2.413	12.7	19.3
9 8	20 28.53	−24 7.0	1.583	2.425	16.2	19.6

227693 2006 DR_{36} 8 3.5 186°.30 0°.8/ 2.9 17

6 30	21 21.40	−18 18.9	2.290	3.148	11.7	21.8
7 10	21 15.60	−18 44.5	2.213	3.148	8.7	21.6
7 20	21 8.00	−19 15.2	2.159	3.147	5.3	21.4
7 30	20 59.17	−19 47.3	2.133	3.146	1.7	21.1
8 9	20 49.92	−20 17.0	2.136	3.144	2.5	21.2
8 19	20 41.09	−20 41.4	2.167	3.141	6.0	21.4
8 29	20 33.52	−20 58.1	2.225	3.138	9.4	21.6
9 8	20 27.83	−21 6.3	2.307	3.134	12.3	21.8

161869 2007 CW_{5} 8 3.5 162°.21 3°.1/ 5.9 18

6 30	21 18.06	− 6 40.1	2.609	3.431	11.5	20.6
7 10	21 12.85	− 6 25.8	2.530	3.435	9.0	20.4
7 20	21 6.20	− 6 21.5	2.474	3.438	6.3	20.2
7 30	20 58.59	− 6 26.6	2.445	3.441	3.8	20.1
8 9	20 50.66	− 6 39.5	2.444	3.444	3.3	20.0
8 19	20 43.08	− 6 58.0	2.471	3.446	5.3	20.2
8 29	20 36.50	− 7 19.7	2.526	3.449	8.0	20.4
9 8	20 31.44	− 7 41.9	2.605	3.451	10.5	20.5

515937 2015 RF_{24} 8 3.5 272°.44 5°.6/ 8.8 18

6 30	21 14.76	+ 3 18.9	2.430	3.213	13.3	21.4
7 10	21 10.69	+ 3 8.1	2.327	3.195	11.2	21.2
7 20	21 5.05	+ 2 38.5	2.246	3.176	8.8	21.1
7 30	20 58.28	+ 1 49.8	2.189	3.158	6.6	20.9
8 9	20 50.99	+ 0 43.6	2.158	3.139	5.6	20.8
8 19	20 43.89	− 0 36.2	2.154	3.120	6.7	20.8
8 29	20 37.72	− 2 4.7	2.178	3.100	9.1	21.0
9 8	20 33.08	− 3 35.8	2.227	3.081	11.7	21.1

508191 2015 FR_{330} 8 3.5 116°.65 1°.4/ 4.4 17

6 30	21 20.89	−12 11.5	1.836	2.691	14.2	22.0
7 10	21 15.45	−12 20.1	1.771	2.701	10.8	21.8
7 20	21 7.98	−12 39.3	1.728	2.710	6.8	21.6
7 30	20 59.17	−13 6.4	1.710	2.720	2.8	21.3
8 9	20 49.97	−13 37.5	1.720	2.729	2.5	21.3
8 19	20 41.36	−14 8.9	1.756	2.738	6.4	21.6
8 29	20 34.27	−14 37.0	1.819	2.747	10.2	21.8
9 8	20 29.35	−14 59.3	1.904	2.755	13.5	22.1

443838 2000 UL_{29} 8 3.5 233°.46 17°.3/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.55	+16 20.3	1.303	2.047	24.5	21.3
7 10	21 17.88	+18 9.2	1.229	2.038	22.5	21.1
7 20	21 10.15	+19 25.2	1.169	2.028	20.3	20.9
7 30	21 0.04	+19 58.2	1.124	2.018	18.4	20.7
8 9	20 48.75	+19 42.4	1.097	2.007	17.4	20.6
8 19	20 37.81	+18 37.7	1.089	1.995	17.6	20.6
8 29	20 28.82	+16 51.6	1.099	1.983	19.1	20.7
9 8	20 22.96	+14 37.3	1.127	1.970	21.3	20.8

442048 2010 RQ_{32} 8 3.5 322°.21 1°.5/ 2.6 18

6 30	21 20.55	−21 17.5	1.975	2.846	12.7	21.1
7 10	21 15.24	−21 24.7	1.899	2.841	9.4	20.9
7 20	21 7.89	−21 34.4	1.847	2.837	5.8	20.7
7 30	20 59.16	−21 43.0	1.820	2.832	2.1	20.4
8 9	20 49.98	−21 47.1	1.821	2.828	3.1	20.5
8 19	20 41.34	−21 44.2	1.849	2.823	6.9	20.7
8 29	20 34.15	−21 33.2	1.902	2.819	10.5	20.9
9 8	20 29.12	−21 14.2	1.978	2.816	13.6	21.1

234688 2002 GE_{104} 8 3.5 152°.55 1°.2/ 4.5 18

6 30	21 19.08	−10 57.3	2.159	3.005	12.7	21.1
7 10	21 13.91	−11 31.8	2.087	3.012	9.6	20.9
7 20	21 6.98	−12 17.6	2.038	3.019	6.1	20.7
7 30	20 58.87	−13 11.5	2.016	3.025	2.5	20.5
8 9	20 50.35	−14 9.1	2.022	3.031	2.2	20.5
8 19	20 42.27	−15 6.1	2.056	3.036	5.7	20.7
8 29	20 35.43	−15 58.3	2.117	3.041	9.2	21.0
9 8	20 30.44	−16 42.8	2.202	3.046	12.2	21.2

381770 2009 SU_{324} 8 3.5 289°.37 0°.9/ 2.9 18

6 30	21 19.59	−17 5.2	1.548	2.427	15.2	21.5
7 10	21 15.26	−17 39.3	1.460	2.406	11.4	21.2
7 20	21 8.32	−18 24.1	1.394	2.385	7.0	20.9
7 30	20 59.41	−19 14.8	1.351	2.364	2.2	20.6
8 9	20 49.59	−20 5.2	1.334	2.343	3.3	20.6
8 19	20 40.12	−20 49.1	1.342	2.322	8.3	20.8
8 29	20 32.32	−21 22.1	1.375	2.301	13.0	21.1
9 8	20 27.18	−21 41.8	1.427	2.280	17.1	21.3

298128 2002 RZ_{251} 8 3.5 193°.34 0°.0/ 3.6 18

6 30	21 19.07	−15 32.8	1.961	2.825	13.1	21.6
7 10	21 14.11	−15 51.8	1.887	2.825	9.8	21.4
7 20	21 7.20	−16 18.6	1.837	2.824	6.0	21.1
7 30	20 58.95	−16 50.2	1.811	2.824	1.9	20.9
8 9	20 50.25	−17 22.3	1.814	2.823	2.3	20.9
8 19	20 42.03	−17 51.4	1.843	2.823	6.4	21.2
8 29	20 35.18	−18 14.4	1.898	2.822	10.1	21.4
9 8	20 30.39	−18 29.7	1.976	2.821	13.3	21.6

35786 1999 JR_{22} 8 3.5 53°.36 3°.6/ 5.3 18

6 30	21 21.06	− 8 58.9	1.243	2.112	18.7	17.8
7 10	21 16.30	− 8 47.7	1.188	2.122	14.5	17.5
7 20	21 8.80	− 8 54.3	1.152	2.133	9.7	17.3
7 30	20 59.48	− 9 16.7	1.138	2.144	5.0	17.1
8 9	20 49.65	− 9 50.5	1.148	2.155	4.1	17.0
8 19	20 40.70	−10 30.1	1.181	2.167	8.3	17.3
8 29	20 33.86	−11 9.7	1.238	2.178	12.9	17.6
9 8	20 29.93	−11 44.3	1.315	2.190	16.9	17.9

285909 2001 QF_{143} 8 3.5 354°.96 0°.8/ 4.0 18

6 30	21 17.36	−13 33.5	1.793	2.660	14.0	20.8
7 10	21 13.00	−13 49.0	1.721	2.659	10.6	20.6
7 20	21 6.59	−14 14.9	1.671	2.657	6.6	20.3
7 30	20 58.78	−14 48.2	1.645	2.657	2.4	20.1
8 9	20 50.48	−15 24.5	1.646	2.656	2.4	20.1
8 19	20 42.68	−15 59.7	1.673	2.656	6.6	20.3
8 29	20 36.32	−16 30.1	1.725	2.656	10.5	20.6
9 8	20 32.10	−16 53.1	1.800	2.656	13.9	20.8

26887 Tokyogiants 8 3.5 54°.30 6°.7/31.6 18

6 30	21 27.30	−30 8.2	1.236	2.128	17.3	17.3
7 10	21 20.92	−31 3.4	1.207	2.155	13.1	17.1
7 20	21 11.48	−31 52.2	1.199	2.182	9.1	17.0
7 30	21 0.24	−32 25.3	1.213	2.209	6.7	16.9
8 9	20 48.88	−32 36.3	1.250	2.237	8.0	17.1
8 19	20 38.98	−32 23.9	1.312	2.265	11.3	17.4
8 29	20 31.77	−31 50.7	1.395	2.293	14.8	17.7
9 8	20 27.86	−31 1.7	1.497	2.321	17.9	17.9

483202 2015 PY_{301} 8 3.5 306°.95 1°.8/ 1.9 18

6 30	21 16.22	−19 10.6	2.103	2.976	12.0	20.9
7 10	21 12.01	−20 8.8	2.027	2.970	8.8	20.7
7 20	21 5.94	−21 13.9	1.974	2.965	5.4	20.5
7 30	20 58.58	−22 20.8	1.948	2.959	2.1	20.3
8 9	20 50.72	−23 23.9	1.950	2.954	3.3	20.3
8 19	20 43.22	−24 18.6	1.979	2.949	6.8	20.5
8 29	20 36.97	−25 1.4	2.033	2.944	10.2	20.7
9 8	20 32.62	−25 30.9	2.110	2.939	13.2	20.9

25925 Jamesfenska 8 3.5 271°.36 4°.2/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.19	−23 25.0	1.471	2.359	15.3	18.3
7 10	21 16.58	−24 35.4	1.399	2.349	11.5	18.1
7 20	21 9.16	−25 51.9	1.349	2.339	7.3	17.8
7 30	20 59.67	−27 6.0	1.322	2.329	4.3	17.6
8 9	20 49.35	−28 9.0	1.322	2.319	6.0	17.7
8 19	20 39.58	−28 54.1	1.345	2.309	10.1	17.9
8 29	20 31.76	−29 18.3	1.392	2.299	14.3	18.1
9 8	20 26.86	−29 22.1	1.458	2.288	18.0	18.4

314406 2005 UR_{253} 8 3.5 293°.56 5°.3/30.3 18

6 30	21 19.48	−30 52.9	2.135	3.010	11.7	20.2
7 10	21 14.57	−31 52.9	2.063	3.001	9.0	20.0
7 20	21 7.57	−32 50.5	2.015	2.991	6.6	19.8
7 30	20 59.11	−33 39.4	1.993	2.982	5.3	19.7
8 9	20 50.11	−34 14.1	1.997	2.973	6.5	19.8
8 19	20 41.58	−34 31.4	2.027	2.964	9.0	19.9
8 29	20 34.48	−34 30.3	2.081	2.954	11.7	20.1
9 8	20 29.56	−34 12.6	2.157	2.946	14.3	20.2

521819 2015 TD_{275} 8 3.5 346°.23 4°.6/ 6.9 18

6 30	21 14.98	− 3 5.3	2.070	2.896	13.9	20.7
7 10	21 10.98	− 2 56.7	1.990	2.893	11.2	20.5
7 20	21 5.27	− 3 3.7	1.932	2.890	8.2	20.3
7 30	20 58.37	− 3 26.1	1.897	2.887	5.5	20.1
8 9	20 51.03	− 4 1.7	1.889	2.885	4.7	20.1
8 19	20 44.06	− 4 47.1	1.907	2.883	6.6	20.2
8 29	20 38.25	− 5 37.9	1.950	2.881	9.5	20.4
9 8	20 34.21	− 6 29.2	2.017	2.879	12.4	20.6

22095 2000 AY_{204} 8 3.5 159°.83 4°.1/ 7.7 18

6 30	21 14.49	− 0 32.0	2.595	3.396	12.1	18.1
7 10	21 10.28	− 0 51.5	2.513	3.398	9.8	17.9
7 20	21 4.69	− 1 26.4	2.453	3.400	7.3	17.7
7 30	20 58.17	− 2 15.7	2.418	3.402	5.0	17.6
8 9	20 51.30	− 3 16.9	2.411	3.404	4.1	17.5
8 19	20 44.73	− 4 26.1	2.432	3.405	5.5	17.6
8 29	20 39.08	− 5 39.1	2.481	3.407	8.0	17.8
9 8	20 34.85	− 6 51.2	2.555	3.408	10.4	18.0

255223 2005 UQ_{398} 8 3.5 262°.39 2°.6/ 5.3 18

6 30	21 17.45	− 8 54.0	2.236	3.076	12.5	20.3
7 10	21 12.69	− 8 47.0	2.155	3.074	9.7	20.1
7 20	21 6.25	− 8 50.5	2.098	3.071	6.6	19.9
7 30	20 58.67	− 9 3.4	2.066	3.069	3.5	19.7
8 9	20 50.68	− 9 23.5	2.061	3.067	3.0	19.7
8 19	20 43.07	− 9 47.9	2.084	3.064	5.7	19.9
8 29	20 36.60	−10 13.7	2.133	3.062	8.9	20.1
9 8	20 31.87	−10 37.9	2.207	3.059	11.9	20.3

181286 2006 OS_{4} 8 3.5 22°.15 2°.0/ 2.3 18

6 30	21 18.28	−20 35.1	1.611	2.496	14.4	19.8
7 10	21 13.86	−21 5.0	1.553	2.502	10.6	19.6
7 20	21 7.16	−21 39.8	1.516	2.508	6.5	19.4
7 30	20 58.97	−22 14.4	1.504	2.516	2.5	19.2
8 9	20 50.35	−22 43.4	1.517	2.524	3.7	19.3
8 19	20 42.43	−23 3.0	1.556	2.532	7.8	19.5
8 29	20 36.22	−23 11.0	1.619	2.541	11.7	19.8
9 8	20 32.43	−23 7.3	1.703	2.551	15.0	20.0

357724 2005 QN_{134} 8 3.5 61°.68 4°.4/31.7 18

6 30	21 22.13	−29 21.8	2.080	2.953	12.1	20.7
7 10	21 16.37	−29 53.9	2.017	2.955	9.2	20.5
7 20	21 8.55	−30 22.9	1.977	2.958	6.3	20.3
7 30	20 59.39	−30 43.6	1.963	2.961	4.5	20.2
8 9	20 49.86	−30 51.7	1.976	2.963	5.5	20.3
8 19	20 40.96	−30 45.2	2.016	2.966	8.2	20.5
8 29	20 33.64	−30 24.2	2.081	2.969	11.1	20.6
9 8	20 28.53	−29 50.6	2.167	2.972	13.7	20.8

352269 2007 TD_{270} 8 3.5 233°.07 1°.3/ 4.3 18

6 30	21 18.98	−12 43.2	1.971	2.827	13.3	21.5
7 10	21 14.05	−12 49.5	1.894	2.825	10.1	21.3
7 20	21 7.18	−13 5.5	1.839	2.823	6.4	21.1
7 30	20 58.98	−13 28.7	1.810	2.821	2.6	20.8
8 9	20 50.32	−13 55.8	1.809	2.818	2.3	20.8
8 19	20 42.10	−14 23.3	1.834	2.816	6.2	21.0
8 29	20 35.23	−14 47.9	1.886	2.814	9.9	21.3
9 8	20 30.38	−15 7.4	1.960	2.811	13.2	21.5

432661 2011 AE_{13} 8 3.5 195°.90 2°.4/ 1.9 17

6 30	21 22.89	−21 35.3	1.885	2.755	13.2	21.9
7 10	21 17.15	−22 17.9	1.811	2.753	9.8	21.7
7 20	21 9.18	−23 4.7	1.762	2.751	6.1	21.5
7 30	20 59.64	−23 50.3	1.738	2.748	2.7	21.3
8 9	20 49.55	−24 29.2	1.741	2.744	3.9	21.4
8 19	20 39.98	−24 57.2	1.772	2.740	7.7	21.6
8 29	20 31.99	−25 12.3	1.828	2.735	11.4	21.8
9 8	20 26.34	−25 14.3	1.906	2.730	14.6	22.0

263752 2008 JS_{30} 8 3.5 1°.39 2°.7/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.46	−20 49.5	1.957	2.838	12.4	19.8
7 10	21 11.58	−22 6.1	1.890	2.837	9.1	19.6
7 20	21 5.76	−23 29.0	1.846	2.837	5.6	19.3
7 30	20 58.57	−24 51.9	1.828	2.837	2.9	19.2
8 9	20 50.88	−26 8.3	1.837	2.837	4.2	19.3
8 19	20 43.62	−27 12.5	1.874	2.838	7.6	19.5
8 29	20 37.69	−28 1.2	1.935	2.839	11.0	19.7
9 8	20 33.80	−28 33.2	2.018	2.841	13.9	19.9

415116 2012 CY_{56} 8 3.5 223°.02 3°.2/ 5.4 17

6 30	21 21.31	− 7 37.8	1.656	2.502	15.9	22.0
7 10	21 16.22	− 7 47.4	1.573	2.495	12.5	21.7
7 20	21 8.75	− 8 13.6	1.511	2.487	8.5	21.5
7 30	20 59.56	− 8 54.7	1.474	2.478	4.5	21.2
8 9	20 49.65	− 9 46.8	1.462	2.469	3.6	21.1
8 19	20 40.16	−10 44.4	1.477	2.459	7.4	21.3
8 29	20 32.24	−11 41.7	1.517	2.449	11.6	21.6
9 8	20 26.73	−12 33.9	1.579	2.438	15.4	21.8

214995 2008 CS_{45} 8 3.5 346°.05 3°.7/ 6.6 18

6 30	21 15.06	− 4 0.3	1.967	2.799	14.3	20.2
7 10	21 11.15	− 4 23.7	1.888	2.797	11.3	20.0
7 20	21 5.44	− 5 4.8	1.830	2.796	8.0	19.8
7 30	20 58.47	− 6 2.0	1.797	2.794	4.9	19.6
8 9	20 51.02	− 7 11.4	1.790	2.793	3.8	19.6
8 19	20 43.95	− 8 27.7	1.811	2.792	6.3	19.7
8 29	20 38.10	− 9 45.1	1.857	2.791	9.7	19.9
9 8	20 34.12	−10 58.1	1.927	2.791	12.9	20.1

483217 2015 RW_{23} 8 3.5 345°.45 2°.1/ 2.2 18

6 30	21 20.39	−23 4.9	2.124	2.995	11.9	20.9
7 10	21 15.00	−23 19.6	2.052	2.994	8.9	20.7
7 20	21 7.71	−23 35.4	2.004	2.993	5.5	20.5
7 30	20 59.16	−23 48.7	1.982	2.992	2.5	20.3
8 9	20 50.22	−23 55.9	1.988	2.991	3.4	20.4
8 19	20 41.80	−23 54.7	2.021	2.991	6.8	20.6
8 29	20 34.78	−23 44.1	2.080	2.990	10.1	20.8
9 8	20 29.78	−23 24.6	2.161	2.990	12.9	21.0

185173 2006 SY_{283} 8 3.5 233°.08 3°.1/ 1.5 18

6 30	21 21.47	−21 30.9	1.615	2.495	14.5	21.0
7 10	21 16.50	−22 31.5	1.543	2.490	10.8	20.8
7 20	21 8.98	−23 38.7	1.494	2.484	6.7	20.6
7 30	20 59.64	−24 45.3	1.469	2.478	3.3	20.3
8 9	20 49.59	−25 43.9	1.471	2.472	4.8	20.4
8 19	20 40.09	−26 28.7	1.498	2.466	8.9	20.6
8 29	20 32.35	−26 56.5	1.549	2.459	12.9	20.9
9 8	20 27.25	−27 7.1	1.621	2.452	16.4	21.1

364572 2007 RS_{11} 8 3.5 37°.41 5°.6/ 6.5 17

6 30	21 18.73	− 4 51.6	1.117	1.985	20.5	20.2
7 10	21 14.82	− 4 36.0	1.064	1.993	16.3	20.0
7 20	21 8.05	− 4 44.7	1.029	2.003	11.6	19.8
7 30	20 59.34	− 5 17.0	1.014	2.013	7.1	19.6
8 9	20 50.06	− 6 8.2	1.021	2.024	5.8	19.5
8 19	20 41.66	− 7 11.1	1.051	2.036	9.1	19.8
8 29	20 35.45	− 8 17.1	1.102	2.048	13.6	20.1
9 8	20 32.27	− 9 18.7	1.173	2.060	17.7	20.3

40344 1999 NN_{9} 8 3.5 25°.39 1°.5/ 4.1 18

6 30	21 22.00	−14 35.8	1.172	2.058	18.5	18.3
7 10	21 17.22	−14 16.0	1.117	2.063	14.0	18.0
7 20	21 9.50	−14 7.3	1.079	2.069	8.8	17.7
7 30	20 59.79	−14 7.1	1.064	2.076	3.4	17.5
8 9	20 49.53	−14 11.7	1.073	2.083	3.2	17.5
8 19	20 40.22	−14 17.1	1.105	2.091	8.6	17.8
8 29	20 33.21	−14 20.0	1.159	2.099	13.5	18.1
9 8	20 29.32	−14 18.1	1.232	2.108	17.7	18.4

449971 2015 PV_{35} 8 3.5 284°.86 3°.3/ 1.4 18

6 30	21 21.00	−26 2.1	2.101	2.974	12.0	21.1
7 10	21 15.61	−26 28.0	2.024	2.965	9.0	20.9
7 20	21 8.17	−26 53.7	1.970	2.956	5.8	20.7
7 30	20 59.35	−27 14.2	1.942	2.947	3.4	20.5
8 9	20 50.03	−27 25.6	1.942	2.938	4.5	20.6
8 19	20 41.21	−27 25.1	1.968	2.930	7.6	20.7
8 29	20 33.83	−27 12.1	2.020	2.921	10.8	20.9
9 8	20 28.57	−26 47.5	2.094	2.912	13.7	21.1

431377 2007 EF_{101} 8 3.5 60°.09 3°.8/ 1.3 17

6 30	21 21.82	−24 3.3	1.506	2.392	15.1	21.2
7 10	21 16.66	−24 55.1	1.455	2.404	11.2	21.0
7 20	21 8.96	−25 49.1	1.425	2.415	7.1	20.8
7 30	20 59.59	−26 37.9	1.421	2.428	4.0	20.7
8 9	20 49.80	−27 15.0	1.441	2.440	5.3	20.8
8 19	20 40.85	−27 36.2	1.487	2.452	9.1	21.0
8 29	20 33.90	−27 40.3	1.555	2.465	12.9	21.3
9 8	20 29.67	−27 28.8	1.644	2.477	16.2	21.5

173599 2001 DF_{53} 8 3.5 248°.81 0°.1/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.69	−15 5.0	1.774	2.636	14.3	21.3
7 10	21 17.28	−15 26.9	1.682	2.618	10.9	21.0
7 20	21 9.45	−15 58.9	1.613	2.600	6.8	20.7
7 30	20 59.83	−16 37.4	1.569	2.581	2.2	20.4
8 9	20 49.40	−17 17.5	1.552	2.561	2.6	20.4
8 19	20 39.29	−17 54.6	1.561	2.541	7.3	20.6
8 29	20 30.69	−18 24.7	1.597	2.520	11.7	20.8
9 8	20 24.48	−18 45.5	1.654	2.499	15.5	21.0

442985 2013 CK_{161} 8 3.5 222°.46 2°.8/ 1.6 18

6 30	21 20.76	−24 50.5	2.300	3.168	11.2	21.7
7 10	21 15.23	−25 17.0	2.224	3.164	8.4	21.5
7 20	21 7.85	−25 43.8	2.173	3.160	5.3	21.3
7 30	20 59.24	−26 6.8	2.149	3.155	2.9	21.2
8 9	20 50.21	−26 22.3	2.153	3.151	3.9	21.2
8 19	20 41.64	−26 27.6	2.184	3.146	6.8	21.4
8 29	20 34.38	−26 21.9	2.241	3.141	9.9	21.6
9 8	20 29.05	−26 5.8	2.321	3.136	12.6	21.8

341495 2007 TF_{388} 8 3.5 338°.63 2°.8/ 5.5 18

6 30	21 16.97	− 7 55.5	1.807	2.657	14.6	20.6
7 10	21 12.73	− 8 10.4	1.731	2.655	11.4	20.4
7 20	21 6.48	− 8 40.6	1.677	2.653	7.7	20.2
7 30	20 58.84	− 9 23.9	1.647	2.652	4.0	20.0
8 9	20 50.68	−10 16.4	1.644	2.651	3.2	19.9
8 19	20 42.97	−11 13.1	1.667	2.650	6.5	20.1
8 29	20 36.63	−12 8.8	1.715	2.649	10.3	20.3
9 8	20 32.38	−12 59.1	1.786	2.648	13.8	20.6

22183 Canonlau 8 3.5 344°.94 4°.3/31.2 18

6 30	21 13.26	−20 0.7	1.267	2.171	16.2	16.5
7 10	21 10.94	−21 55.1	1.201	2.160	12.0	16.2
7 20	21 5.87	−24 3.8	1.156	2.151	7.5	15.9
7 30	20 58.74	−26 15.9	1.134	2.142	4.3	15.7
8 9	20 50.74	−28 18.3	1.137	2.135	6.5	15.8
8 19	20 43.25	−29 59.9	1.163	2.129	11.0	16.1
8 29	20 37.71	−31 14.1	1.211	2.124	15.5	16.3
9 8	20 35.12	−31 59.5	1.277	2.120	19.3	16.5

7814 1986 CF_{2} 8 3.5 306°.74 0°.8/ 3.2 18

6 30	21 25.29	−20 55.1	1.715	2.585	14.3	16.7
7 10	21 19.20	−20 29.6	1.627	2.568	10.8	16.5
7 20	21 10.58	−20 4.9	1.562	2.551	6.7	16.2
7 30	21 0.17	−19 38.0	1.522	2.534	2.2	15.9
8 9	20 49.06	−19 6.6	1.509	2.518	2.9	15.9
8 19	20 38.52	−18 29.6	1.523	2.502	7.6	16.1
8 29	20 29.72	−17 47.2	1.563	2.486	11.9	16.4
9 8	20 23.53	−17 0.3	1.624	2.471	15.7	16.6

193296 2000 SR_{245} 8 3.5 320°.55 3°.9/ 5.9 18

6 30	21 13.99	− 6 19.2	1.359	2.225	17.6	20.4
7 10	21 11.29	− 6 32.0	1.270	2.201	14.0	20.1
7 20	21 6.04	− 7 7.3	1.200	2.178	9.8	19.8
7 30	20 58.81	− 8 4.4	1.151	2.155	5.5	19.5
8 9	20 50.62	− 9 18.8	1.126	2.133	4.3	19.4
8 19	20 42.73	−10 43.3	1.125	2.112	8.3	19.6
8 29	20 36.46	−12 9.1	1.146	2.091	13.2	19.8
9 8	20 32.88	−13 28.3	1.187	2.072	17.7	20.0

237192 2008 UA_{242} 8 3.5 306°.27 5°.8/ 7.6 18 R

6 30	21 14.82	− 0 35.3	1.580	2.412	17.2	20.4
7 10	21 11.60	− 0 49.8	1.484	2.389	14.1	20.2
7 20	21 6.09	− 1 29.5	1.408	2.366	10.6	19.9
7 30	20 58.80	− 2 35.2	1.353	2.343	7.2	19.6
8 9	20 50.65	− 4 3.6	1.323	2.321	5.8	19.5
8 19	20 42.72	− 5 48.2	1.318	2.299	8.2	19.6
8 29	20 36.19	− 7 39.9	1.337	2.277	12.1	19.7
9 8	20 32.00	− 9 29.4	1.378	2.256	16.1	19.9

376195 2011 CL_{72} 8 3.5 240°.67 0°.9/ 4.1 18

6 30	21 20.53	−12 24.4	1.880	2.735	13.9	21.8
7 10	21 15.50	−12 56.1	1.790	2.721	10.6	21.5
7 20	21 8.27	−13 40.4	1.723	2.707	6.7	21.2
7 30	20 59.45	−14 33.9	1.681	2.692	2.5	20.9
8 9	20 49.91	−15 31.7	1.666	2.676	2.4	20.9
8 19	20 40.69	−16 28.5	1.679	2.660	6.8	21.2
8 29	20 32.83	−17 19.6	1.718	2.643	10.9	21.4
9 8	20 27.15	−18 1.6	1.779	2.626	14.5	21.6

106577 2000 WB_{95} 8 3.5 316°.22 3°.1/ 1.9 18

6 30	21 16.73	−20 6.3	1.112	2.018	17.8	19.1
7 10	21 14.18	−20 55.2	1.026	1.986	13.5	18.7
7 20	21 8.29	−21 57.4	0.958	1.954	8.4	18.3
7 30	20 59.65	−23 5.5	0.911	1.923	3.6	18.0
8 9	20 49.56	−24 9.5	0.887	1.893	5.5	18.0
8 19	20 39.75	−24 59.6	0.884	1.863	11.4	18.2
8 29	20 32.10	−25 29.5	0.901	1.835	17.1	18.4
9 8	20 28.05	−25 37.1	0.934	1.808	22.2	18.6

188513 2004 RK_{47} 8 3.5 274°.45 1°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.97	−10 10.6	2.326	3.172	11.9	20.4
7 10	21 11.66	−10 27.8	2.236	3.159	9.2	20.2
7 20	21 5.71	−10 55.8	2.168	3.147	6.0	19.9
7 30	20 58.61	−11 32.6	2.127	3.135	2.8	19.7
8 9	20 51.02	−12 15.2	2.114	3.122	2.3	19.7
8 19	20 43.72	−12 59.8	2.128	3.110	5.5	19.8
8 29	20 37.45	−13 43.0	2.169	3.097	8.8	20.0
9 8	20 32.83	−14 21.5	2.234	3.085	11.8	20.2

430200 2013 TL_{136} 8 3.5 286°.32 1°.6/ 4.5 17

6 30	21 18.65	−11 3.9	1.541	2.407	15.9	21.1
7 10	21 14.56	−11 27.8	1.451	2.387	12.3	20.8
7 20	21 7.95	−12 7.8	1.382	2.367	7.9	20.5
7 30	20 59.41	−13 1.1	1.336	2.347	3.3	20.2
8 9	20 49.98	−14 2.6	1.316	2.326	2.9	20.1
8 19	20 40.85	−15 5.7	1.321	2.306	7.7	20.4
8 29	20 33.29	−16 4.2	1.351	2.285	12.5	20.6
9 8	20 28.30	−16 53.4	1.401	2.265	16.7	20.8

207950 1993 TX_{9} 8 3.5 303°.84 0°.4/ 3.8 18

6 30	21 18.78	−15 10.3	1.790	2.658	13.9	20.8
7 10	21 14.21	−15 19.3	1.709	2.648	10.5	20.5
7 20	21 7.47	−15 37.1	1.649	2.637	6.5	20.3
7 30	20 59.20	−16 0.6	1.614	2.626	2.2	20.0
8 9	20 50.32	−16 26.0	1.606	2.616	2.4	20.0
8 19	20 41.88	−16 49.5	1.623	2.605	6.8	20.2
8 29	20 34.90	−17 7.9	1.666	2.595	10.9	20.5
9 8	20 30.14	−17 19.2	1.731	2.586	14.5	20.7

285533 2000 GR_{29} 8 3.5 159°.37 0°.9/ 4.1 17

6 30	21 21.86	−12 53.0	1.973	2.825	13.5	22.1
7 10	21 16.16	−13 14.2	1.902	2.831	10.2	21.9
7 20	21 8.49	−13 45.5	1.854	2.837	6.4	21.7
7 30	20 59.48	−14 23.6	1.831	2.842	2.4	21.4
8 9	20 50.02	−15 4.4	1.837	2.847	2.3	21.4
8 19	20 41.08	−15 43.8	1.871	2.851	6.2	21.7
8 29	20 33.56	−16 18.2	1.931	2.854	10.0	22.0
9 8	20 28.13	−16 45.4	2.014	2.857	13.2	22.2

181187 2005 SG_{105} 8 3.5 279°.91 3°.8/ 6.7 18

6 30	21 15.49	− 3 53.9	2.215	3.040	13.2	20.0
7 10	21 11.32	− 4 1.4	2.131	3.035	10.5	19.8
7 20	21 5.50	− 4 23.9	2.069	3.030	7.6	19.6
7 30	20 58.54	− 5 0.5	2.032	3.026	4.8	19.5
8 9	20 51.14	− 5 48.5	2.022	3.021	3.9	19.4
8 19	20 44.06	− 6 44.3	2.039	3.017	6.0	19.5
8 29	20 38.06	− 7 43.2	2.082	3.012	9.0	19.7
9 8	20 33.74	− 8 40.8	2.150	3.008	11.9	19.9

317096 2001 TD_{36} 8 3.5 307°.16 6°.7/31.5 17

6 30	21 23.40	−28 13.5	1.150	2.050	17.7	20.4
7 10	21 19.42	−29 3.0	1.064	2.018	13.8	20.0
7 20	21 11.65	−29 54.2	0.997	1.986	9.6	19.7
7 30	21 0.76	−30 36.6	0.952	1.954	6.8	19.5
8 9	20 48.28	−30 59.2	0.928	1.922	8.6	19.4
8 19	20 36.21	−30 54.6	0.926	1.891	13.3	19.6
8 29	20 26.66	−30 21.6	0.944	1.860	18.5	19.8
9 8	20 21.08	−29 24.1	0.978	1.830	23.2	20.0

69443 1996 RB_{16} 8 3.5 67°.05 2°.7/ 5.1 18

6 30	21 22.30	− 8 54.5	1.262	2.129	18.7	18.9
7 10	21 17.05	− 9 14.9	1.219	2.153	14.3	18.7
7 20	21 9.19	− 9 53.9	1.196	2.178	9.3	18.5
7 30	20 59.69	−10 47.3	1.195	2.202	4.3	18.3
8 9	20 49.87	−11 48.4	1.218	2.227	3.4	18.3
8 19	20 41.05	−12 50.0	1.266	2.251	7.9	18.6
8 29	20 34.38	−13 46.0	1.338	2.276	12.3	19.0
9 8	20 30.53	−14 32.1	1.430	2.300	16.1	19.3

41151 1999 VH_{148} 8 3.5 17°.99 9°.4/ 9.5 18

6 30	21 15.40	+ 4 1.4	1.399	2.218	19.7	18.2
7 10	21 11.94	+ 4 49.6	1.339	2.223	16.7	18.1
7 20	21 6.16	+ 5 11.1	1.295	2.230	13.5	17.9
7 30	20 58.79	+ 5 3.1	1.272	2.237	10.7	17.7
8 9	20 50.88	+ 4 26.6	1.271	2.246	9.4	17.7
8 19	20 43.59	+ 3 26.3	1.292	2.255	10.4	17.8
8 29	20 38.00	+ 2 10.0	1.335	2.265	13.0	18.0
9 8	20 34.87	+ 0 47.0	1.399	2.276	16.0	18.2

148437 2000 XP_{14} 8 3.5 155°.15 5°.5/27.8 18

6 30	21 21.14	−37 30.9	3.267	4.117	8.7	20.8
7 10	21 15.25	−38 50.8	3.214	4.126	7.1	20.7
7 20	21 7.78	−40 4.9	3.188	4.135	5.8	20.7
7 30	20 59.25	−41 8.1	3.190	4.143	5.5	20.7
8 9	20 50.32	−41 56.8	3.219	4.150	6.3	20.7
8 19	20 41.73	−42 28.8	3.276	4.157	7.7	20.8
8 29	20 34.18	−42 43.9	3.358	4.164	9.3	20.9
9 8	20 28.25	−42 43.5	3.460	4.170	10.8	21.1

516120 2015 UB_{56} 8 3.5 313°.58 7°.3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.88	+ 5 3.7	2.133	2.916	14.9	20.9
7 10	21 10.28	+ 5 20.6	2.039	2.901	12.7	20.7
7 20	21 4.96	+ 5 17.2	1.966	2.887	10.4	20.5
7 30	20 58.41	+ 4 52.1	1.915	2.872	8.2	20.4
8 9	20 51.32	+ 4 5.9	1.888	2.858	7.3	20.3
8 19	20 44.49	+ 3 1.7	1.887	2.845	8.1	20.3
8 29	20 38.72	+ 1 44.8	1.911	2.831	10.3	20.4
9 8	20 34.66	+ 0 21.5	1.958	2.818	12.8	20.6

199362 2006 BR_{188} 8 3.5 108°.71 5°.1/31.7 18

6 30	21 26.07	−30 9.5	1.863	2.734	13.3	20.3
7 10	21 19.47	−30 45.2	1.808	2.745	10.2	20.1
7 20	21 10.53	−31 16.6	1.777	2.756	7.0	20.0
7 30	21 0.12	−31 37.4	1.771	2.766	5.1	19.9
8 9	20 49.37	−31 43.0	1.791	2.777	6.1	20.0
8 19	20 39.47	−31 31.7	1.838	2.787	8.9	20.2
8 29	20 31.44	−31 4.1	1.910	2.796	12.0	20.4
9 8	20 25.96	−30 23.2	2.002	2.806	14.7	20.6

255342 2005 WE_{65} 8 3.5 273°.11 1°.7/ 5.1 18

6 30	21 15.57	− 7 48.1	2.324	3.162	12.2	20.4
7 10	21 11.44	− 8 43.3	2.228	3.146	9.4	20.2
7 20	21 5.64	− 9 53.5	2.154	3.131	6.2	19.9
7 30	20 58.63	−11 16.1	2.107	3.115	2.9	19.7
8 9	20 51.06	−12 46.3	2.089	3.098	2.2	19.6
8 19	20 43.70	−14 18.6	2.100	3.082	5.5	19.8
8 29	20 37.32	−15 47.2	2.139	3.066	9.0	20.0
9 8	20 32.58	−17 7.8	2.203	3.049	12.1	20.2

177802 2005 LP_{50} 8 3.5 5°.58 3°.6/ 1.6 17

6 30	21 15.76	−21 9.6	1.052	1.963	18.1	19.0
7 10	21 13.05	−22 7.7	1.000	1.962	13.4	18.7
7 20	21 7.21	−23 14.5	0.967	1.963	8.3	18.5
7 30	20 59.18	−24 20.7	0.955	1.965	4.0	18.2
8 9	20 50.45	−25 16.6	0.964	1.969	5.7	18.3
8 19	20 42.64	−25 54.7	0.996	1.974	10.7	18.6
8 29	20 37.21	−26 11.7	1.048	1.980	15.5	18.9
9 8	20 35.05	−26 8.1	1.118	1.987	19.6	19.2

144327 2004 DD_{22} 8 3.5 137°.30 2°.0/ 2.3 18

6 30	21 22.75	−19 55.0	1.749	2.621	14.0	20.3
7 10	21 17.10	−20 40.9	1.687	2.630	10.4	20.1
7 20	21 9.18	−21 32.5	1.648	2.638	6.3	19.9
7 30	20 59.73	−22 24.1	1.635	2.646	2.5	19.7
8 9	20 49.81	−23 9.8	1.648	2.654	3.6	19.8
8 19	20 40.55	−23 45.0	1.689	2.661	7.7	20.0
8 29	20 32.98	−24 7.4	1.754	2.667	11.5	20.3
9 8	20 27.83	−24 16.5	1.841	2.673	14.7	20.5

289470 2005 ER_{72} 8 3.5 180°.94 4°.0/ 1.0 18

6 30	21 22.54	−23 22.2	1.507	2.391	15.2	20.3
7 10	21 17.44	−24 31.5	1.444	2.392	11.3	20.1
7 20	21 9.64	−25 45.6	1.402	2.392	7.2	19.9
7 30	20 59.93	−26 56.2	1.386	2.392	4.2	19.7
8 9	20 49.54	−27 55.1	1.395	2.392	5.7	19.8
8 19	20 39.83	−28 36.5	1.429	2.392	9.7	20.0
8 29	20 32.09	−28 57.9	1.486	2.391	13.6	20.2
9 8	20 27.19	−29 0.3	1.563	2.390	17.1	20.5

355119 2006 UN_{97} 8 3.5 95°.96 4°.3/31.4 18

6 30	21 20.01	−27 22.2	2.056	2.932	12.1	20.9
7 10	21 14.91	−28 17.3	1.993	2.935	9.1	20.7
7 20	21 7.78	−29 11.9	1.954	2.938	6.1	20.6
7 30	20 59.29	−30 0.1	1.941	2.940	4.3	20.5
8 9	20 50.35	−30 36.5	1.955	2.943	5.4	20.5
8 19	20 41.96	−30 57.9	1.995	2.946	8.2	20.7
8 29	20 35.04	−31 3.3	2.060	2.948	11.2	20.9
9 8	20 30.27	−30 53.7	2.146	2.951	13.8	21.1

268316 2005 QV_{159} 8 3.5 304°.23 12°.7/29.4 15

6 30	21 39.27	−47 32.5	1.530	2.372	17.2	19.8
7 10	21 30.61	−48 22.0	1.472	2.364	15.0	19.6
7 20	21 17.89	−48 50.4	1.434	2.356	13.3	19.5
7 30	21 2.51	−48 45.7	1.418	2.349	12.7	19.5
8 9	20 46.63	−48 1.3	1.424	2.342	13.5	19.5
8 19	20 32.47	−46 37.8	1.452	2.335	15.5	19.6
8 29	20 21.77	−44 42.4	1.501	2.328	17.8	19.7
9 8	20 15.33	−42 25.7	1.568	2.321	20.2	19.9

431676 2008 CR_{203} 8 3.5 344°.11 4°.3/ 1.9 18

6 30	21 26.15	−26 35.6	1.366	2.253	16.3	20.5
7 10	21 20.31	−26 49.9	1.302	2.250	12.3	20.3
7 20	21 11.44	−27 2.5	1.259	2.248	8.0	20.0
7 30	21 0.49	−27 6.6	1.239	2.246	4.5	19.8
8 9	20 48.94	−26 56.7	1.244	2.244	5.7	19.9
8 19	20 38.34	−26 30.6	1.274	2.243	9.9	20.1
8 29	20 30.08	−25 49.3	1.326	2.242	14.2	20.4
9 8	20 25.02	−24 55.9	1.398	2.241	17.9	20.6

65046 2002 AF_{148} 8 3.5 14°.19 9°.1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.78	−32 22.7	1.347	2.245	15.7	18.7
7 10	21 15.16	−34 38.2	1.301	2.248	12.5	18.5
7 20	21 8.48	−36 50.0	1.277	2.251	9.8	18.3
7 30	20 59.61	−38 44.7	1.277	2.255	9.2	18.3
8 9	20 49.95	−40 11.0	1.300	2.259	10.9	18.4
8 19	20 41.09	−41 3.1	1.345	2.265	13.9	18.6
8 29	20 34.51	−41 20.9	1.409	2.271	16.9	18.8
9 8	20 31.16	−41 8.9	1.491	2.278	19.7	19.0

423337 2005 GQ_{56} 8 3.5 148°.30 0°.8/ 4.0 17

6 30	21 22.00	−13 0.2	1.671	2.532	15.1	22.0
7 10	21 16.60	−13 27.8	1.604	2.538	11.4	21.8
7 20	21 8.92	−14 7.4	1.559	2.544	7.1	21.5
7 30	20 59.67	−14 55.0	1.538	2.550	2.5	21.2
8 9	20 49.91	−15 45.3	1.545	2.555	2.5	21.3
8 19	20 40.76	−16 33.1	1.578	2.559	7.0	21.6
8 29	20 33.26	−17 14.1	1.636	2.564	11.2	21.8
9 8	20 28.18	−17 45.6	1.717	2.567	14.8	22.0

255560 2006 KS_{27} 8 3.5 283°.08 3°.7/ 5.3 17

6 30	21 20.47	− 8 38.1	1.387	2.250	17.5	20.6
7 10	21 16.07	− 8 26.9	1.305	2.235	13.8	20.3
7 20	21 8.96	− 8 32.4	1.242	2.221	9.4	20.0
7 30	20 59.79	− 8 53.7	1.202	2.207	5.0	19.7
8 9	20 49.71	− 9 27.6	1.185	2.192	4.2	19.7
8 19	20 40.07	−10 9.2	1.194	2.178	8.4	19.9
8 29	20 32.23	−10 52.5	1.225	2.164	13.1	20.1
9 8	20 27.19	−11 32.4	1.277	2.150	17.5	20.3

39023 2000 UZ_{55} 8 3.5 284°.23 8°.4/ 8.6 18

6 30	21 18.21	+ 3 47.9	1.786	2.582	16.9	18.4
7 10	21 13.79	+ 4 35.9	1.702	2.572	14.4	18.2
7 20	21 7.26	+ 5 3.3	1.637	2.563	11.7	18.0
7 30	20 59.19	+ 5 7.3	1.593	2.553	9.4	17.9
8 9	20 50.46	+ 4 47.5	1.573	2.543	8.4	17.8
8 19	20 42.08	+ 4 6.6	1.578	2.534	9.6	17.8
8 29	20 35.04	+ 3 9.5	1.607	2.524	12.0	18.0
9 8	20 30.15	+ 2 3.4	1.657	2.515	14.9	18.1

489091 2006 BL_{61} 8 3.5 209°.79 3°.3/31.9 18

6 30	21 22.63	−25 8.0	2.259	3.125	11.5	22.4
7 10	21 16.78	−25 59.2	2.180	3.118	8.6	22.3
7 20	21 8.93	−26 51.8	2.126	3.111	5.6	22.1
7 30	20 59.69	−27 40.5	2.099	3.103	3.4	21.9
8 9	20 49.90	−28 20.2	2.100	3.094	4.5	22.0
8 19	20 40.51	−28 47.3	2.129	3.084	7.5	22.1
8 29	20 32.46	−29 0.3	2.184	3.074	10.6	22.3
9 8	20 26.43	−28 59.6	2.261	3.063	13.3	22.5

350897 2002 RE 8 3.5 343°.22 6°.3/30.1 17

6 30	21 7.59	−24 1.3	1.048	1.971	17.0	19.3
7 10	21 7.26	−25 41.8	0.976	1.945	12.9	18.9
7 20	21 3.94	−27 34.4	0.924	1.920	8.7	18.6
7 30	20 58.27	−29 27.3	0.892	1.897	6.3	18.4
8 9	20 51.52	−31 6.6	0.882	1.877	8.7	18.5
8 19	20 45.29	−32 20.6	0.892	1.859	13.3	18.7
8 29	20 41.27	−33 2.4	0.920	1.844	18.1	18.9
9 8	20 40.63	−33 11.5	0.965	1.831	22.3	19.1

418982 2009 JQ_{11} 8 3.5 133°.11 0°.8/ 2.9 17

6 30	21 20.93	−15 46.8	1.489	2.365	15.8	21.2
7 10	21 16.12	−16 40.0	1.424	2.369	11.8	21.0
7 20	21 8.78	−17 45.3	1.382	2.372	7.2	20.7
7 30	20 59.67	−18 56.5	1.363	2.376	2.2	20.4
8 9	20 49.95	−20 6.0	1.370	2.379	3.2	20.5
8 19	20 40.87	−21 7.1	1.404	2.382	8.1	20.8
8 29	20 33.63	−21 54.9	1.461	2.385	12.5	21.1
9 8	20 29.05	−22 27.6	1.539	2.388	16.2	21.3

314368 2005 UR_{39} 8 3.5 277°.66 1°.2/ 2.6 18

6 30	21 17.69	−19 13.7	2.221	3.089	11.6	21.4
7 10	21 13.06	−19 45.1	2.139	3.080	8.6	21.2
7 20	21 6.63	−20 21.7	2.081	3.070	5.2	21.0
7 30	20 58.96	−20 59.8	2.049	3.061	1.9	20.7
8 9	20 50.80	−21 35.2	2.045	3.052	2.7	20.8
8 19	20 43.00	−22 4.4	2.068	3.042	6.3	21.0
8 29	20 36.39	−22 24.9	2.118	3.033	9.7	21.2
9 8	20 31.62	−22 35.6	2.190	3.024	12.6	21.4

66480 1999 RW_{33} 8 3.5 248°.85 4°.1/ 6.7 18

6 30	21 17.55	− 3 18.0	2.077	2.899	14.0	19.7
7 10	21 13.06	− 3 30.8	1.984	2.886	11.3	19.5
7 20	21 6.71	− 4 0.8	1.912	2.872	8.1	19.3
7 30	20 59.01	− 4 47.0	1.865	2.859	5.2	19.1
8 9	20 50.71	− 5 46.7	1.845	2.844	4.2	19.0
8 19	20 42.68	− 6 55.3	1.852	2.830	6.5	19.1
8 29	20 35.79	− 8 7.4	1.885	2.815	9.8	19.3
9 8	20 30.76	− 9 17.7	1.943	2.800	13.0	19.4

442142 2010 UJ_{98} 8 3.5 289°.78 2°.9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.63	−25 23.1	2.206	3.077	11.6	21.1
7 10	21 15.26	−25 44.0	2.128	3.069	8.7	20.9
7 20	21 7.97	−26 4.7	2.074	3.061	5.5	20.7
7 30	20 59.37	−26 21.1	2.047	3.053	3.1	20.5
8 9	20 50.33	−26 29.4	2.047	3.045	4.0	20.5
8 19	20 41.76	−26 27.3	2.074	3.037	7.1	20.7
8 29	20 34.54	−26 14.0	2.127	3.029	10.2	20.9
9 8	20 29.32	−25 50.2	2.202	3.022	13.0	21.1

390184 2012 WV_{13} 8 3.5 300°.73 1°.0/ 4.2 18

6 30	21 18.07	−12 33.5	1.850	2.711	13.9	21.4
7 10	21 13.56	−12 55.7	1.775	2.709	10.5	21.2
7 20	21 7.03	−13 29.2	1.722	2.707	6.6	20.9
7 30	20 59.10	−14 10.9	1.694	2.705	2.5	20.7
8 9	20 50.65	−14 56.5	1.693	2.703	2.3	20.7
8 19	20 42.66	−15 41.4	1.719	2.701	6.5	20.9
8 29	20 36.07	−16 21.4	1.770	2.699	10.4	21.2
9 8	20 31.57	−16 53.6	1.843	2.698	13.8	21.4

309698 2008 FS_{87} 8 3.5 230°.74 0°.1/ 3.4 18

6 30	21 18.15	−16 7.7	2.452	3.308	11.0	21.9
7 10	21 13.23	−16 31.1	2.366	3.299	8.3	21.7
7 20	21 6.67	−17 0.9	2.304	3.291	5.1	21.5
7 30	20 58.98	−17 34.2	2.269	3.282	1.6	21.3
8 9	20 50.85	−18 7.6	2.263	3.272	2.0	21.3
8 19	20 43.03	−18 38.1	2.285	3.263	5.5	21.5
8 29	20 36.28	−19 2.9	2.334	3.253	8.7	21.7
9 8	20 31.18	−19 20.6	2.407	3.243	11.6	21.9

476855 2008 UB_{335} 8 3.5 285°.30 1°.9/ 4.7 18

6 30	21 18.77	−11 7.9	1.730	2.589	14.8	21.9
7 10	21 14.31	−11 15.7	1.645	2.576	11.4	21.6
7 20	21 7.63	−11 36.1	1.581	2.564	7.4	21.4
7 30	20 59.35	−12 7.1	1.542	2.551	3.3	21.1
8 9	20 50.38	−12 44.9	1.529	2.539	2.8	21.0
8 19	20 41.80	−13 25.0	1.542	2.526	6.9	21.3
8 29	20 34.68	−14 2.9	1.581	2.513	11.1	21.5
9 8	20 29.82	−14 35.0	1.641	2.501	14.9	21.7

183068 2002 RM_{13} 8 3.5 340°.68 2°.1/ 2.5 18

6 30	21 15.83	−19 31.1	1.074	1.981	18.1	19.5
7 10	21 13.24	−19 59.3	1.007	1.967	13.6	19.2
7 20	21 7.48	−20 37.6	0.958	1.955	8.3	18.8
7 30	20 59.38	−21 19.3	0.931	1.943	3.0	18.5
8 9	20 50.35	−21 56.4	0.925	1.933	4.5	18.6
8 19	20 42.02	−22 22.2	0.941	1.924	10.1	18.8
8 29	20 36.00	−22 32.6	0.977	1.917	15.5	19.1
9 8	20 33.31	−22 26.6	1.031	1.912	20.1	19.4

429464 2010 WK_{52} 8 3.5 208°.35 0°.8/ 3.0 17

6 30	21 22.80	−17 34.0	1.796	2.662	14.0	22.7
7 10	21 17.23	−18 3.5	1.719	2.658	10.5	22.5
7 20	21 9.37	−18 40.6	1.664	2.653	6.4	22.2
7 30	20 59.88	−19 20.8	1.635	2.647	2.0	21.9
8 9	20 49.78	−19 59.0	1.633	2.642	2.9	22.0
8 19	20 40.18	−20 30.8	1.658	2.635	7.3	22.2
8 29	20 32.16	−20 53.1	1.709	2.628	11.3	22.5
9 8	20 26.51	−21 4.8	1.781	2.621	14.8	22.7

272883 2006 BC_{98} 8 3.5 10°.05 1°.0/ 3.0 18

6 30	21 17.50	−17 40.6	1.300	2.192	16.6	19.5
7 10	21 13.80	−18 6.6	1.242	2.194	12.4	19.2
7 20	21 7.45	−18 42.1	1.203	2.197	7.5	19.0
7 30	20 59.28	−19 21.7	1.188	2.201	2.4	18.7
8 9	20 50.55	−19 59.0	1.196	2.205	3.4	18.7
8 19	20 42.58	−20 28.7	1.228	2.211	8.4	19.1
8 29	20 36.61	−20 47.0	1.283	2.217	13.0	19.3
9 8	20 33.42	−20 52.9	1.357	2.225	17.0	19.6

420426 2012 DX_{25} 8 3.5 165°.78 4°.1/ 1.1 17

6 30	21 25.61	−25 37.0	1.763	2.636	13.9	22.5
7 10	21 19.36	−26 28.4	1.699	2.641	10.4	22.3
7 20	21 10.66	−27 20.7	1.659	2.645	6.8	22.1
7 30	21 0.27	−28 6.9	1.644	2.648	4.2	22.0
8 9	20 49.36	−28 40.8	1.656	2.651	5.4	22.1
8 19	20 39.14	−28 58.7	1.695	2.653	8.8	22.3
8 29	20 30.76	−28 59.6	1.758	2.654	12.4	22.5
9 8	20 24.99	−28 45.2	1.842	2.655	15.5	22.7

278834 2008 SR_{288} 8 3.5 42°.05 5°.6/ 7.9 18

6 30	21 16.12	− 0 13.1	1.356	2.195	19.1	19.2
7 10	21 12.41	− 0 42.5	1.307	2.216	15.4	19.1
7 20	21 6.40	− 1 39.4	1.276	2.238	11.2	18.9
7 30	20 58.91	− 3 1.0	1.267	2.260	7.3	18.7
8 9	20 51.03	− 4 40.6	1.283	2.282	5.6	18.7
8 19	20 43.92	− 6 28.9	1.323	2.306	7.9	18.9
8 29	20 38.59	− 8 16.4	1.387	2.329	11.6	19.2
9 8	20 35.71	− 9 54.8	1.474	2.353	15.1	19.4

90038 2002 UY_{44} 8 3.5 87°.10 2°.9/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.04	− 7 9.6	1.543	2.394	16.6	19.1
7 10	21 15.18	− 7 39.4	1.486	2.410	12.8	18.9
7 20	21 8.06	− 8 27.5	1.448	2.425	8.6	18.7
7 30	20 59.44	− 9 30.7	1.435	2.441	4.3	18.5
8 9	20 50.39	−10 42.8	1.448	2.456	3.3	18.5
8 19	20 42.03	−11 57.3	1.487	2.471	7.1	18.7
8 29	20 35.38	−13 7.5	1.551	2.486	11.2	19.0
9 8	20 31.14	−14 8.6	1.637	2.500	14.7	19.3

179654 2002 PY_{182} 8 3.5 35°.74 4°.1/ 1.5 18

6 30	21 23.23	−26 39.6	1.628	2.510	14.4	19.8
7 10	21 17.64	−27 5.0	1.571	2.516	10.8	19.6
7 20	21 9.59	−27 29.1	1.535	2.522	7.0	19.4
7 30	20 59.92	−27 45.8	1.524	2.529	4.2	19.2
8 9	20 49.84	−27 50.4	1.539	2.536	5.3	19.3
8 19	20 40.60	−27 40.3	1.579	2.543	8.8	19.5
8 29	20 33.29	−27 15.9	1.643	2.550	12.4	19.8
9 8	20 28.62	−26 39.1	1.728	2.558	15.6	20.0

208630 2002 EA_{85} 8 3.6 35°.43 4°.0/ 1.7 18

6 30	21 22.45	−23 31.5	1.161	2.060	17.7	19.6
7 10	21 17.78	−24 14.6	1.112	2.067	13.2	19.4
7 20	21 9.99	−25 1.0	1.083	2.076	8.3	19.1
7 30	21 0.10	−25 42.5	1.076	2.085	4.3	18.9
8 9	20 49.68	−26 11.1	1.092	2.094	5.8	19.1
8 19	20 40.33	−26 22.2	1.131	2.104	10.4	19.3
8 29	20 33.45	−26 15.0	1.192	2.115	14.8	19.6
9 8	20 29.86	−25 51.4	1.271	2.126	18.7	19.9

140898 2001 VV_{37} 8 3.6 263°.63 2°.6/ 1.4 18

6 30	21 18.73	−22 28.3	2.335	3.204	11.1	19.9
7 10	21 13.93	−23 22.7	2.244	3.185	8.3	19.6
7 20	21 7.26	−24 21.4	2.178	3.166	5.2	19.4
7 30	20 59.23	−25 19.5	2.138	3.146	2.7	19.2
8 9	20 50.60	−26 12.1	2.127	3.126	3.8	19.3
8 19	20 42.22	−26 54.8	2.143	3.105	7.0	19.4
8 29	20 34.97	−27 24.9	2.186	3.084	10.2	19.6
9 8	20 29.55	−27 41.8	2.251	3.063	13.0	19.8

34103 Suganthkannan 8 3.6 321°.96 1°.5/ 2.6 18

6 30	21 18.04	−19 34.8	1.846	2.722	13.2	18.9
7 10	21 13.66	−20 5.1	1.769	2.714	9.8	18.6
7 20	21 7.17	−20 41.4	1.715	2.706	6.0	18.4
7 30	20 59.20	−21 19.1	1.686	2.698	2.2	18.1
8 9	20 50.68	−21 53.3	1.683	2.690	3.2	18.2
8 19	20 42.61	−22 19.9	1.707	2.683	7.2	18.4
8 29	20 36.00	−22 36.3	1.756	2.676	11.0	18.6
9 8	20 31.56	−22 41.5	1.826	2.669	14.4	18.9

499040 2009 DM_{58} 8 3.6 39°.98 3°.4/ 2.0 17

6 30	21 22.58	−22 19.8	1.127	2.026	18.1	20.8
7 10	21 17.87	−22 57.9	1.081	2.037	13.4	20.6
7 20	21 10.02	−23 40.5	1.055	2.048	8.3	20.3
7 30	21 0.11	−24 19.7	1.050	2.060	3.8	20.1
8 9	20 49.71	−24 47.7	1.068	2.073	5.3	20.3
8 19	20 40.45	−25 0.0	1.110	2.086	10.1	20.6
8 29	20 33.69	−24 55.3	1.173	2.100	14.7	20.9
9 8	20 30.23	−24 35.3	1.254	2.114	18.6	21.2

244927 2003 WE_{194} 8 3.6 141°.99 1°.5/ 4.6 17

6 30	21 19.82	−11 40.9	2.167	3.014	12.6	21.2
7 10	21 14.52	−11 48.2	2.096	3.021	9.6	21.0
7 20	21 7.47	−12 4.8	2.047	3.027	6.2	20.8
7 30	20 59.27	−12 28.7	2.025	3.034	2.7	20.6
8 9	20 50.69	−12 56.6	2.030	3.040	2.3	20.6
8 19	20 42.57	−13 25.5	2.064	3.045	5.7	20.8
8 29	20 35.71	−13 52.3	2.124	3.050	9.1	21.1
9 8	20 30.69	−14 14.7	2.208	3.055	12.1	21.3

131017 2000 XR_{26} 8 3.6 183°.20 7°.6/29.4 18

6 30	21 25.81	−36 25.5	1.917	2.784	13.2	19.7
7 10	21 19.62	−37 32.3	1.859	2.784	10.6	19.5
7 20	21 10.87	−38 31.2	1.824	2.784	8.5	19.4
7 30	21 0.39	−39 14.2	1.814	2.784	7.6	19.4
8 9	20 49.37	−39 35.5	1.829	2.784	8.7	19.4
8 19	20 39.11	−39 32.5	1.869	2.783	10.9	19.6
8 29	20 30.78	−39 6.5	1.932	2.782	13.5	19.7
9 8	20 25.15	−38 21.4	2.014	2.781	15.9	19.9

285368 1999 TW_{70} 8 3.6 8°.75 3°.8/ 5.5 17

6 30	21 16.13	− 8 37.6	1.083	1.967	19.8	20.4
7 10	21 13.12	− 8 29.1	1.026	1.968	15.4	20.2
7 20	21 7.22	− 8 41.3	0.986	1.970	10.4	19.9
7 30	20 59.29	− 9 12.6	0.967	1.973	5.5	19.6
8 9	20 50.69	− 9 57.9	0.970	1.978	4.4	19.6
8 19	20 42.88	−10 50.1	0.994	1.983	8.8	19.9
8 29	20 37.25	−11 41.8	1.041	1.990	13.7	20.2
9 8	20 34.66	−12 26.7	1.106	1.998	18.1	20.5

316641 2011 YF_{23} 8 3.6 234°.02 2°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.90	−23 5.1	2.349	3.220	10.9	21.5
7 10	21 13.18	−23 55.8	2.274	3.216	8.1	21.3
7 20	21 6.72	−24 49.3	2.224	3.212	5.1	21.1
7 30	20 59.06	−25 40.9	2.200	3.208	2.7	20.9
8 9	20 50.95	−26 26.0	2.205	3.203	3.8	21.0
8 19	20 43.21	−27 1.1	2.237	3.199	6.7	21.2
8 29	20 36.64	−27 24.0	2.295	3.194	9.7	21.4
9 8	20 31.87	−27 34.4	2.376	3.190	12.4	21.5

346704 2008 YD_{156} 8 3.6 184°.72 0°.5/ 3.2 18

6 30	21 20.62	−17 43.1	2.053	2.917	12.6	21.5
7 10	21 15.29	−18 0.1	1.979	2.917	9.4	21.3
7 20	21 8.04	−18 22.7	1.929	2.917	5.7	21.1
7 30	20 59.47	−18 47.7	1.904	2.917	1.8	20.8
8 9	20 50.47	−19 11.2	1.907	2.916	2.4	20.9
8 19	20 41.95	−19 30.1	1.938	2.915	6.3	21.1
8 29	20 34.79	−19 42.0	1.995	2.914	9.9	21.4
9 8	20 29.65	−19 46.0	2.074	2.913	13.0	21.6

22440 Bangsgaard 8 3.6 153°.82 3°.9/ 7.4 18

6 30	21 16.45	− 1 9.6	3.097	3.887	10.6	19.0
7 10	21 11.56	− 1 1.9	3.017	3.895	8.6	18.8
7 20	21 5.48	− 1 5.6	2.961	3.903	6.5	18.7
7 30	20 58.62	− 1 20.5	2.931	3.910	4.6	18.6
8 9	20 51.50	− 1 45.1	2.930	3.916	3.9	18.6
8 19	20 44.66	− 2 17.5	2.957	3.923	5.1	18.6
8 29	20 38.63	− 2 54.9	3.012	3.928	7.1	18.8
9 8	20 33.83	− 3 34.2	3.092	3.934	9.1	18.9

19012 2000 RZ_{75} 8 3.6 163°.98 3°.1/ 1.9 18

6 30	21 25.67	−25 28.6	1.964	2.832	12.9	18.3
7 10	21 19.13	−25 46.0	1.897	2.835	9.7	18.1
7 20	21 10.39	−26 2.6	1.852	2.838	6.2	17.9
7 30	21 0.22	−26 13.7	1.834	2.840	3.3	17.7
8 9	20 49.63	−26 15.3	1.843	2.843	4.3	17.8
8 19	20 39.73	−26 5.2	1.880	2.844	7.6	18.0
8 29	20 31.49	−25 43.4	1.943	2.846	11.0	18.2
9 8	20 25.60	−25 11.4	2.027	2.847	14.0	18.4

165077 2000 FB_{72} 8 3.6 86°.53 1°.4/ 2.7 18

6 30	21 20.47	−19 40.7	1.914	2.785	13.0	20.5
7 10	21 15.28	−20 4.5	1.847	2.789	9.7	20.3
7 20	21 8.06	−20 32.9	1.804	2.793	5.9	20.1
7 30	20 59.49	−21 1.9	1.786	2.798	2.1	19.8
8 9	20 50.50	−21 27.1	1.795	2.802	3.0	19.9
8 19	20 42.07	−21 45.1	1.831	2.806	6.8	20.2
8 29	20 35.13	−21 54.0	1.892	2.810	10.5	20.4
9 8	20 30.35	−21 53.2	1.976	2.815	13.6	20.6

234668 2002 FT_{33} 8 3.6 135°.51 4°.6/31.0 17

6 30	21 23.76	−28 45.3	2.169	3.037	11.8	21.3
7 10	21 17.60	−29 48.9	2.115	3.050	9.0	21.2
7 20	21 9.41	−30 50.4	2.084	3.063	6.2	21.0
7 30	20 59.90	−31 43.6	2.081	3.075	4.6	20.9
8 9	20 50.01	−32 23.4	2.105	3.087	5.7	21.0
8 19	20 40.73	−32 46.7	2.156	3.098	8.2	21.2
8 29	20 32.98	−32 53.0	2.233	3.108	11.0	21.4
9 8	20 27.39	−32 43.9	2.331	3.118	13.4	21.6

128371 2004 HO_{74} 8 3.6 314°.99 6°.0/30.0 18

6 30	21 19.19	−30 25.3	1.842	2.725	12.9	19.4
7 10	21 14.80	−31 37.3	1.770	2.712	10.0	19.2
7 20	21 8.02	−32 48.0	1.721	2.700	7.3	19.0
7 30	20 59.54	−33 49.6	1.698	2.688	6.0	18.9
8 9	20 50.38	−34 35.3	1.699	2.676	7.3	18.9
8 19	20 41.70	−35 0.7	1.726	2.665	10.1	19.1
8 29	20 34.65	−35 4.6	1.776	2.654	13.2	19.2
9 8	20 30.05	−34 48.8	1.845	2.643	16.0	19.4

416803 2005 GZ_{127} 8 3.6 194°.35 8°.9/11.4 17

6 30	21 20.87	+11 53.3	2.279	2.999	15.8	22.7
7 10	21 15.39	+12 10.0	2.189	2.996	13.9	22.6
7 20	21 8.10	+12 3.5	2.118	2.993	11.8	22.4
7 30	20 59.53	+11 31.3	2.069	2.988	9.9	22.3
8 9	20 50.43	+10 34.0	2.045	2.983	8.9	22.2
8 19	20 41.62	+ 9 14.4	2.046	2.976	9.3	22.2
8 29	20 33.95	+ 7 38.4	2.074	2.968	10.9	22.3
9 8	20 28.07	+ 5 53.3	2.127	2.959	13.0	22.5

262408 2006 UE_{23} 8 3.6 266°.72 1°.0/ 4.1 17

6 30	21 21.64	−13 32.5	1.622	2.487	15.3	21.4
7 10	21 16.71	−13 41.6	1.535	2.471	11.7	21.1
7 20	21 9.28	−14 2.2	1.469	2.455	7.4	20.8
7 30	20 59.99	−14 31.3	1.427	2.438	2.8	20.5
8 9	20 49.87	−15 4.7	1.411	2.421	2.7	20.5
8 19	20 40.14	−15 37.5	1.421	2.403	7.5	20.7
8 29	20 32.01	−16 5.8	1.455	2.386	12.1	20.9
9 8	20 26.41	−16 26.6	1.511	2.368	16.1	21.1

266123 2006 SY_{400} 8 3.6 277°.01 1°.1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.48	−15 31.3	1.570	2.445	15.2	20.7
7 10	21 15.30	−16 34.9	1.481	2.424	11.4	20.4
7 20	21 8.54	−17 53.5	1.413	2.404	7.0	20.1
7 30	20 59.79	−19 21.4	1.370	2.383	2.3	19.7
8 9	20 50.07	−20 50.4	1.353	2.362	3.4	19.8
8 19	20 40.62	−22 12.3	1.363	2.340	8.4	20.0
8 29	20 32.75	−23 20.5	1.396	2.319	13.1	20.2
9 8	20 27.48	−24 11.5	1.451	2.297	17.2	20.4

94508 2001 UL_{76} 8 3.6 155°.65 0°.8/ 4.0 18

6 30	21 22.11	−12 50.8	1.428	2.297	16.7	20.0
7 10	21 17.11	−13 20.4	1.361	2.300	12.7	19.7
7 20	21 9.49	−14 4.5	1.316	2.303	7.9	19.5
7 30	21 0.02	−14 58.4	1.294	2.305	2.8	19.2
8 9	20 49.91	−15 55.9	1.297	2.307	2.8	19.2
8 19	20 40.46	−16 50.4	1.326	2.309	7.9	19.5
8 29	20 32.92	−17 36.7	1.379	2.311	12.5	19.8
9 8	20 28.12	−18 11.6	1.452	2.312	16.5	20.0

192871 1999 XV_{20} 8 3.6 305°.97 1°.8/ 4.5 18

6 30	21 18.52	−12 10.2	1.590	2.458	15.4	19.7
7 10	21 14.51	−12 10.6	1.493	2.430	11.9	19.4
7 20	21 8.03	−12 23.6	1.417	2.402	7.8	19.1
7 30	20 59.63	−12 47.1	1.365	2.374	3.3	18.8
8 9	20 50.28	−13 17.8	1.337	2.347	2.9	18.7
8 19	20 41.18	−13 51.0	1.335	2.320	7.6	18.9
8 29	20 33.58	−14 22.2	1.357	2.293	12.3	19.1
9 8	20 28.46	−14 47.7	1.399	2.266	16.6	19.3

155330 2006 BN_{61} 8 3.6 338°.19 6°.7/30.9 18

6 30	21 25.98	−36 22.7	2.014	2.878	12.8	19.4
7 10	21 19.54	−36 46.1	1.946	2.872	10.2	19.2
7 20	21 10.72	−37 0.5	1.902	2.866	7.9	19.0
7 30	21 0.35	−36 59.6	1.882	2.860	6.7	19.0
8 9	20 49.59	−36 39.6	1.888	2.855	7.5	19.0
8 19	20 39.61	−35 59.4	1.920	2.851	9.8	19.1
8 29	20 31.48	−35 1.0	1.977	2.846	12.4	19.3
9 8	20 25.91	−33 48.5	2.054	2.842	14.9	19.5

174245 2002 RK_{155} 8 3.6 6°.22 1°.2/ 4.3 18

6 30	21 18.18	−12 53.9	1.692	2.558	14.7	20.0
7 10	21 13.81	−13 5.9	1.622	2.558	11.1	19.8
7 20	21 7.30	−13 29.1	1.573	2.559	7.0	19.5
7 30	20 59.30	−14 0.8	1.549	2.560	2.7	19.3
8 9	20 50.80	−14 36.5	1.551	2.561	2.5	19.3
8 19	20 42.83	−15 11.8	1.578	2.562	6.8	19.5
8 29	20 36.39	−15 42.9	1.631	2.564	10.8	19.8
9 8	20 32.20	−16 6.9	1.705	2.566	14.4	20.0

420422 2012 DO_{19} 8 3.6 118°.99 0°.0/ 3.3 17

6 30	21 25.04	−16 10.7	1.656	2.520	15.1	21.2
7 10	21 18.82	−16 25.6	1.598	2.534	11.3	21.0
7 20	21 10.27	−16 48.4	1.561	2.548	6.9	20.8
7 30	21 0.22	−17 15.2	1.550	2.562	2.2	20.5
8 9	20 49.77	−17 41.3	1.565	2.575	2.6	20.6
8 19	20 40.09	−18 2.8	1.608	2.587	7.1	20.9
8 29	20 32.23	−18 17.3	1.675	2.599	11.2	21.2
9 8	20 26.87	−18 23.5	1.765	2.611	14.7	21.4

294393 2007 VL_{164} 8 3.6 281°.14 1°.4/ 2.6 18

6 30	21 19.11	−19 12.1	1.925	2.797	12.9	20.8
7 10	21 14.40	−19 45.3	1.848	2.791	9.6	20.6
7 20	21 7.63	−20 24.6	1.794	2.784	5.9	20.4
7 30	20 59.42	−21 5.5	1.765	2.777	2.1	20.1
8 9	20 50.65	−21 43.2	1.763	2.770	3.1	20.2
8 19	20 42.33	−22 13.6	1.788	2.763	7.0	20.4
8 29	20 35.41	−22 33.9	1.838	2.756	10.7	20.6
9 8	20 30.62	−22 43.2	1.911	2.749	14.0	20.8

297162 2010 VY_{27} 8 3.6 345°.94 5°.3/ 1.7 17

6 30	21 19.66	−26 48.7	0.984	1.897	18.8	19.4
7 10	21 16.47	−27 6.0	0.923	1.885	14.3	19.1
7 20	21 9.64	−27 21.8	0.880	1.874	9.4	18.8
7 30	21 0.17	−27 27.8	0.858	1.865	5.6	18.6
8 9	20 49.78	−27 16.4	0.856	1.858	7.0	18.6
8 19	20 40.42	−26 44.3	0.875	1.852	11.9	18.9
8 29	20 33.83	−25 52.6	0.913	1.847	16.9	19.1
9 8	20 31.02	−24 45.6	0.968	1.845	21.4	19.4

22515 1998 DJ_{15} 8 3.6 109°.83 3°.1/ 2.1 18 R

6 30	21 26.00	−23 18.0	1.472	2.353	15.7	18.6
7 10	21 19.94	−23 44.6	1.414	2.360	11.7	18.3
7 20	21 11.14	−24 13.3	1.377	2.367	7.3	18.1
7 30	21 0.53	−24 37.8	1.364	2.374	3.5	17.9
8 9	20 49.42	−24 52.5	1.377	2.380	4.7	18.0
8 19	20 39.20	−24 54.0	1.416	2.387	8.9	18.2
8 29	20 31.12	−24 41.7	1.478	2.393	13.0	18.5
9 8	20 25.96	−24 17.1	1.560	2.399	16.6	18.8

387645 2002 QY_{135} 8 3.6 308°.67 3°.3/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.70	−22 48.6	1.697	2.581	13.8	20.5
7 10	21 14.47	−23 43.0	1.620	2.568	10.3	20.3
7 20	21 7.87	−24 42.5	1.565	2.556	6.5	20.0
7 30	20 59.53	−25 40.7	1.535	2.543	3.5	19.8
8 9	20 50.50	−26 30.8	1.532	2.531	4.9	19.9
8 19	20 41.92	−27 7.5	1.553	2.520	8.7	20.1
8 29	20 34.94	−27 27.9	1.599	2.508	12.6	20.3
9 8	20 30.42	−27 31.9	1.665	2.497	16.0	20.5

12080 1998 FC_{111} 8 3.6 12°.00 3°.5/ 5.6 18 R

6 30	21 18.48	− 8 7.1	1.885	2.730	14.3	16.9
7 10	21 13.79	− 7 42.5	1.813	2.732	11.2	16.7
7 20	21 7.17	− 7 30.0	1.761	2.733	7.7	16.5
7 30	20 59.26	− 7 29.0	1.735	2.736	4.5	16.3
8 9	20 50.91	− 7 37.7	1.735	2.738	3.8	16.2
8 19	20 43.04	− 7 53.5	1.761	2.741	6.6	16.4
8 29	20 36.53	− 8 12.8	1.812	2.744	10.0	16.6
9 8	20 32.05	− 8 32.5	1.887	2.748	13.2	16.8

225947 2002 BN_{27} 8 3.6 152°.75 2°.5/ 1.7 17

6 30	21 23.38	−23 17.0	2.266	3.129	11.6	21.2
7 10	21 17.19	−23 57.2	2.201	3.138	8.6	21.0
7 20	21 9.14	−24 39.0	2.161	3.147	5.4	20.8
7 30	20 59.86	−25 17.7	2.148	3.155	2.7	20.6
8 9	20 50.22	−25 49.0	2.163	3.163	3.7	20.7
8 19	20 41.11	−26 9.8	2.207	3.170	6.8	20.9
8 29	20 33.38	−26 19.0	2.277	3.176	9.8	21.1
9 8	20 27.63	−26 16.8	2.371	3.181	12.5	21.3

114207 2002 VD_{106} 8 3.6 246°.65 3°.6/ 5.5 18

6 30	21 21.44	− 8 7.5	1.703	2.549	15.6	19.7
7 10	21 16.33	− 7 51.3	1.621	2.541	12.2	19.5
7 20	21 8.93	− 7 48.9	1.559	2.533	8.4	19.3
7 30	20 59.87	− 7 59.5	1.522	2.524	4.7	19.0
8 9	20 50.15	− 8 20.8	1.510	2.515	4.0	19.0
8 19	20 40.86	− 8 49.2	1.525	2.506	7.3	19.1
8 29	20 33.09	− 9 20.5	1.564	2.496	11.3	19.4
9 8	20 27.67	− 9 50.5	1.626	2.487	15.0	19.6

383221 2006 AY_{4} 8 3.6 189°.11 5°.2/30.0 18

6 30	21 22.92	−29 47.4	2.226	3.094	11.6	21.5
7 10	21 17.18	−31 10.5	2.159	3.093	8.9	21.3
7 20	21 9.33	−32 32.4	2.117	3.092	6.4	21.2
7 30	20 59.98	−33 46.1	2.102	3.090	5.2	21.1
8 9	20 50.05	−34 45.4	2.114	3.087	6.4	21.2
8 19	20 40.56	−35 26.2	2.154	3.084	8.9	21.3
8 29	20 32.48	−35 47.4	2.218	3.080	11.6	21.5
9 8	20 26.56	−35 50.2	2.304	3.076	14.0	21.6

220260 2002 YH_{9} 8 3.6 230°.86 2°.0/ 4.7 18

6 30	21 21.56	−11 30.7	1.725	2.580	15.0	20.5
7 10	21 16.38	−11 29.5	1.646	2.575	11.5	20.2
7 20	21 8.92	−11 39.9	1.588	2.570	7.5	20.0
7 30	20 59.86	−11 59.8	1.556	2.564	3.3	19.7
8 9	20 50.19	−12 25.8	1.549	2.558	2.8	19.7
8 19	20 41.00	−12 54.1	1.569	2.552	6.9	19.9
8 29	20 33.35	−13 20.7	1.615	2.546	11.1	20.2
9 8	20 28.04	−13 42.6	1.682	2.539	14.7	20.4

276467 2003 HX_{18} 8 3.6 50°.00 7°.3/ 9.0 17

6 30	21 17.00	+ 2 41.8	1.496	2.314	18.7	21.0
7 10	21 13.03	+ 2 45.4	1.438	2.327	15.5	20.8
7 20	21 6.84	+ 2 22.4	1.397	2.341	12.0	20.6
7 30	20 59.17	+ 1 32.5	1.378	2.355	8.8	20.5
8 9	20 51.06	+ 0 19.7	1.382	2.369	7.3	20.4
8 19	20 43.57	− 1 9.5	1.411	2.384	8.7	20.5
8 29	20 37.73	− 2 46.4	1.464	2.398	11.7	20.7
9 8	20 34.23	− 4 22.3	1.539	2.414	14.9	21.0

250819 2005 UC_{68} 8 3.6 329°.94 0°.5/ 3.2 17

6 30	21 15.67	−16 31.9	1.678	2.558	14.1	20.1
7 10	21 12.16	−17 1.3	1.596	2.542	10.6	19.8
7 20	21 6.44	−17 40.3	1.535	2.526	6.5	19.5
7 30	20 59.10	−18 25.1	1.498	2.511	2.1	19.2
8 9	20 51.09	−19 10.3	1.486	2.496	2.8	19.2
8 19	20 43.46	−19 50.8	1.501	2.482	7.3	19.5
8 29	20 37.31	−20 22.5	1.539	2.469	11.6	19.7
9 8	20 33.44	−20 43.0	1.599	2.457	15.3	19.9

253826 2003 YW_{72} 8 3.6 208°.79 2°.2/ 2.2 18

6 30	21 23.05	−20 26.4	1.733	2.606	14.1	20.9
7 10	21 17.59	−21 12.0	1.659	2.602	10.5	20.6
7 20	21 9.72	−22 3.7	1.607	2.597	6.5	20.4
7 30	21 0.14	−22 55.7	1.581	2.592	2.7	20.1
8 9	20 49.91	−23 41.8	1.582	2.587	3.9	20.2
8 19	20 40.21	−24 17.1	1.610	2.581	8.0	20.5
8 29	20 32.17	−24 38.7	1.662	2.575	12.0	20.7
9 8	20 26.63	−24 46.3	1.736	2.568	15.5	20.9

281513 2008 TD_{38} 8 3.6 309.°89 2.°6/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.69	− 9 46.4	1.633	2.492	15.5	21.0
7 10	21 14.35	− 9 47.3	1.555	2.485	12.0	20.8
7 20	21 7.74	−10 2.2	1.498	2.478	8.0	20.5
7 30	20 59.51	−10 29.5	1.465	2.472	3.9	20.3
8 9	20 50.65	−11 5.5	1.457	2.465	3.2	20.2
8 19	20 42.26	−11 45.6	1.475	2.459	7.1	20.4
8 29	20 35.41	−12 25.0	1.518	2.453	11.3	20.7
9 8	20 30.89	−12 59.7	1.582	2.448	15.0	20.9

328078 2007 XR_{31} 8 3.6 235.°92 0.°4/ 3.9 18

6 30	21 22.73	−13 21.4	1.994	2.845	13.4	22.2
7 10	21 17.18	−13 57.2	1.898	2.827	10.2	22.0
7 20	21 9.45	−14 44.6	1.825	2.809	6.4	21.7
7 30	21 0.09	−15 39.9	1.778	2.790	2.2	21.4
8 9	20 49.95	−16 38.3	1.760	2.770	2.3	21.4
8 19	20 40.06	−17 34.6	1.770	2.749	6.7	21.6
8 29	20 31.47	−18 24.3	1.806	2.727	10.7	21.8
9 8	20 25.00	−19 4.4	1.866	2.704	14.3	22.0

515213 2011 YQ_{34} 8 3.6 214.°38 2.°7/ 1.1 18

6 30	21 18.05	−23 37.3	2.580	3.447	10.2	21.7
7 10	21 13.22	−24 33.7	2.502	3.442	7.6	21.5
7 20	21 6.75	−25 32.6	2.450	3.436	4.8	21.3
7 30	20 59.16	−26 29.4	2.425	3.431	2.8	21.2
8 9	20 51.13	−27 19.6	2.429	3.425	3.8	21.3
8 19	20 43.41	−27 59.8	2.461	3.419	6.5	21.4
8 29	20 36.74	−28 28.0	2.520	3.412	9.2	21.6
9 8	20 31.73	−28 43.6	2.601	3.406	11.7	21.8

215433 2002 JA_{140} 8 3.6 9.°26 6.°5/ 6.4 18

6 30	21 18.87	− 5 37.1	1.123	1.993	20.3	19.4
7 10	21 15.12	− 4 43.9	1.064	1.993	16.3	19.1
7 20	21 8.47	− 4 11.0	1.023	1.995	11.8	18.9
7 30	20 59.79	− 4 0.4	1.001	1.998	7.8	18.7
8 9	20 50.43	− 4 10.4	1.002	2.002	6.7	18.6
8 19	20 41.86	− 4 36.9	1.024	2.007	9.7	18.8
8 29	20 35.44	− 5 13.4	1.068	2.013	14.0	19.1
9 8	20 32.08	− 5 52.5	1.131	2.019	18.1	19.3

360419 2002 GX_{128} 8 3.6 84.°66 3.°3/ 1.2 18

6 30	21 20.78	−26 28.0	2.250	3.120	11.4	20.5
7 10	21 15.30	−26 59.8	2.189	3.129	8.5	20.4
7 20	21 8.00	−27 30.7	2.153	3.138	5.5	20.2
7 30	20 59.54	−27 56.1	2.143	3.146	3.4	20.1
8 9	20 50.77	−28 12.3	2.161	3.155	4.4	20.2
8 19	20 42.55	−28 17.0	2.206	3.164	7.1	20.3
8 29	20 35.71	−28 9.5	2.277	3.172	10.0	20.5
9 8	20 30.83	−27 51.0	2.370	3.181	12.5	20.7

250781 2005 TK_{46} 8 3.6 310.°30 3.°6/ 6.3 18

6 30	21 15.40	− 5 17.2	1.982	2.819	14.0	20.5
7 10	21 11.58	− 5 26.0	1.894	2.806	11.1	20.3
7 20	21 5.92	− 5 50.7	1.827	2.794	7.9	20.1
7 30	20 58.94	− 6 30.4	1.784	2.782	4.7	19.9
8 9	20 51.40	− 7 21.9	1.768	2.771	3.8	19.8
8 19	20 44.16	− 8 21.1	1.778	2.759	6.4	19.9
8 29	20 38.09	− 9 22.7	1.814	2.748	9.8	20.1
9 8	20 33.90	−10 21.8	1.873	2.737	13.1	20.3

34911 4288 P–L 8 3.6 93.°00 3.°7/ 5.8 18

6 30	21 22.17	− 6 29.3	1.404	2.255	18.0	18.6
7 10	21 16.99	− 6 40.5	1.348	2.271	14.0	18.4
7 20	21 9.32	− 7 11.3	1.312	2.287	9.5	18.2
7 30	21 0.01	− 7 59.2	1.299	2.302	5.2	18.0
8 9	20 50.23	− 8 58.9	1.311	2.317	4.1	18.0
8 19	20 41.24	−10 3.6	1.349	2.332	7.7	18.2
8 29	20 34.16	−11 6.7	1.410	2.347	11.9	18.5
9 8	20 29.74	−12 2.8	1.493	2.361	15.7	18.8

447063 2004 RB_{268} 8 3.6 12.°39 3.°7/ 6.6 18

6 30	21 14.97	− 4 17.9	1.996	2.829	14.1	21.4
7 10	21 11.15	− 4 33.4	1.921	2.831	11.2	21.2
7 20	21 5.58	− 5 5.5	1.867	2.832	7.9	21.0
7 30	20 58.81	− 5 52.7	1.838	2.835	4.8	20.8
8 9	20 51.61	− 6 51.6	1.835	2.837	3.8	20.7
8 19	20 44.80	− 7 57.4	1.859	2.840	6.2	20.9
8 29	20 39.19	− 9 4.9	1.908	2.843	9.4	21.1
9 8	20 35.39	−10 9.0	1.981	2.846	12.5	21.3

111972 2002 GR_{87} 8 3.6 330.°48 4.°4/ 6.2 18

6 30	21 15.21	− 5 43.3	1.191	2.062	19.3	18.9
7 10	21 12.47	− 5 53.8	1.117	2.050	15.3	18.6
7 20	21 6.97	− 6 29.3	1.060	2.039	10.7	18.3
7 30	20 59.37	− 7 28.7	1.025	2.029	6.1	18.1
8 9	20 50.88	− 8 46.6	1.012	2.019	4.7	18.0
8 19	20 42.89	−10 14.5	1.022	2.010	8.7	18.2
8 29	20 36.81	−11 42.8	1.054	2.003	13.7	18.4
9 8	20 33.66	−13 2.7	1.105	1.996	18.3	18.7

365259 2009 PB_{8} 8 3.6 83.°82 0.°6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.40	−15 6.7	2.291	3.146	11.8	20.6
7 10	21 14.18	−15 4.4	2.219	3.150	8.8	20.4
7 20	21 7.30	−15 8.2	2.170	3.155	5.5	20.2
7 30	20 59.34	−15 16.0	2.148	3.160	2.0	20.0
8 9	20 51.05	−15 25.2	2.155	3.165	1.9	20.0
8 19	20 43.20	−15 33.6	2.189	3.169	5.5	20.2
8 29	20 36.56	−15 39.2	2.250	3.174	8.7	20.5
9 8	20 31.67	−15 40.7	2.334	3.179	11.6	20.7

483167 2015 PZ_{36} 8 3.6 351.°82 3.°4/ 1.4 18

6 30	21 19.16	−24 27.6	1.814	2.696	13.1	21.1
7 10	21 14.58	−25 6.0	1.747	2.693	9.8	20.9
7 20	21 7.82	−25 46.2	1.702	2.691	6.3	20.7
7 30	20 59.55	−26 22.5	1.682	2.689	3.5	20.5
8 9	20 50.79	−26 49.7	1.689	2.687	4.7	20.6
8 19	20 42.59	−27 4.3	1.721	2.686	8.1	20.8
8 29	20 35.96	−27 4.8	1.777	2.686	11.6	21.0
9 8	20 31.63	−26 51.9	1.855	2.685	14.7	21.2

169511 2002 CX_{298} 8 3.6 294.°82 0.°1/ 3.5 17

6 30	21 21.18	−15 58.0	1.324	2.207	17.0	20.3
7 10	21 16.82	−16 16.6	1.249	2.196	12.8	20.0
7 20	21 9.59	−16 46.9	1.193	2.184	8.0	19.7
7 30	21 0.22	−17 24.4	1.160	2.173	2.6	19.4
8 9	20 49.96	−18 2.9	1.152	2.162	3.1	19.4
8 19	20 40.27	−18 36.5	1.168	2.151	8.6	19.7
8 29	20 32.56	−19 0.8	1.206	2.141	13.7	19.9
9 8	20 27.84	−19 13.6	1.264	2.130	18.0	20.2

91677 1999 TU_{115} 8 3.6 312.°56 4.°9/ 7.2 18

6 30	21 15.57	− 2 16.7	2.069	2.890	14.1	19.2
7 10	21 11.62	− 2 7.0	1.981	2.879	11.4	19.0
7 20	21 5.91	− 2 13.5	1.915	2.869	8.5	18.8
7 30	20 58.95	− 2 36.3	1.872	2.859	5.9	18.6
8 9	20 51.47	− 3 13.5	1.855	2.849	4.9	18.5
8 19	20 44.29	− 4 1.8	1.865	2.840	6.8	18.6
8 29	20 38.24	− 4 56.4	1.900	2.831	9.7	18.8
9 8	20 33.98	− 5 52.5	1.959	2.822	12.7	19.0

12698 1989 US_{4} 8 3.6 273.°65 0.°7/ 4.1 18

6 30	21 18.97	−13 47.5	1.918	2.778	13.5	17.9
7 10	21 14.32	−14 3.6	1.834	2.768	10.2	17.7
7 20	21 7.65	−14 29.5	1.773	2.758	6.4	17.4
7 30	20 59.52	−15 2.3	1.737	2.748	2.3	17.2
8 9	20 50.81	−15 38.2	1.728	2.738	2.3	17.1
8 19	20 42.48	−16 12.9	1.746	2.728	6.4	17.4
8 29	20 35.49	−16 43.0	1.789	2.717	10.4	17.6
9 8	20 30.57	−17 5.9	1.855	2.707	13.8	17.8

48378 4241 T-$_3$ 8 3.6 221.°49 1.°7/ 2.4 18

6 30	21 22.43	−18 47.6	1.893	2.760	13.4	20.2
7 10	21 17.04	−19 38.0	1.811	2.751	10.0	19.9
7 20	21 9.38	−20 36.1	1.752	2.741	6.1	19.7
7 30	21 0.10	−21 36.7	1.719	2.731	2.3	19.4
8 9	20 50.13	−22 33.6	1.714	2.720	3.4	19.5
8 19	20 40.54	−23 21.6	1.736	2.708	7.5	19.7
8 29	20 32.42	−23 57.3	1.784	2.696	11.4	19.9
9 8	20 26.58	−24 19.4	1.854	2.683	14.7	20.1

468904 2014 AK_{39} 8 3.6 225.°00 2.°6/ 5.2 18

6 30	21 20.85	− 9 21.9	1.975	2.817	13.9	21.7
7 10	21 15.63	− 9 17.0	1.891	2.811	10.8	21.5
7 20	21 8.40	− 9 23.7	1.828	2.804	7.2	21.3
7 30	20 59.76	− 9 40.7	1.791	2.796	3.7	21.0
8 9	20 50.57	−10 5.4	1.782	2.788	3.1	21.0
8 19	20 41.75	−10 34.4	1.799	2.780	6.4	21.2
8 29	20 34.26	−11 4.1	1.843	2.772	10.1	21.4
9 8	20 28.80	−11 31.2	1.910	2.763	13.4	21.6

219964 2002 JE_{85} 8 3.6 42.°27 3.°0/ 1.5 18

6 30	21 18.72	−24 1.8	1.981	2.859	12.4	19.5
7 10	21 13.98	−24 44.2	1.926	2.870	9.2	19.3
7 20	21 7.30	−25 27.9	1.893	2.881	5.8	19.1
7 30	20 59.37	−26 8.0	1.886	2.893	3.2	19.0
8 9	20 51.09	−26 39.6	1.906	2.904	4.3	19.1
8 19	20 43.40	−26 59.5	1.952	2.916	7.4	19.3
8 29	20 37.18	−27 6.5	2.023	2.929	10.6	19.5
9 8	20 33.02	−27 0.9	2.117	2.941	13.3	19.7

66438 1999 NN_{54} 8 3.6 351.°93 9.°4/ 9.1 18

6 30	21 14.06	+ 2 39.2	1.317	2.150	20.0	18.3
7 10	21 11.30	+ 3 28.5	1.247	2.143	16.9	18.0
7 20	21 6.08	+ 3 51.6	1.194	2.137	13.6	17.8
7 30	20 59.08	+ 3 44.9	1.160	2.132	10.7	17.6
8 9	20 51.37	+ 3 8.8	1.147	2.129	9.4	17.6
8 19	20 44.15	+ 2 7.7	1.157	2.126	10.6	17.6
8 29	20 38.65	+ 0 49.4	1.188	2.125	13.6	17.8
9 8	20 35.74	− 0 36.1	1.239	2.125	17.0	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
167323 2003 UE_{263}			8 3.6 226°.52	4°.0/ 6.9 18		
	h m	° ′			°	m
6 30	21 17.67	− 3 1.2	2.190	3.007	13.5	20.5
7 10	21 13.10	− 3 15.3	2.101	2.999	10.9	20.3
7 20	21 6.80	− 3 45.7	2.033	2.991	7.9	20.1
7 30	20 59.25	− 4 31.6	1.990	2.983	5.0	19.9
8 9	20 51.18	− 5 30.0	1.975	2.974	4.1	19.8
8 19	20 43.40	− 6 36.8	1.987	2.965	6.2	19.9
8 29	20 36.71	− 7 46.8	2.026	2.955	9.3	20.1
9 8	20 31.77	− 8 55.0	2.089	2.945	12.3	20.3
196161 2002 VM_{37}			8 3.6 245°.17	0°.7/ 4.2 18		
6 30	21 16.67	−14 8.2	2.738	3.587	10.2	20.6
7 10	21 12.00	−14 14.8	2.654	3.582	7.7	20.4
7 20	21 5.94	−14 27.4	2.594	3.577	4.8	20.2
7 30	20 58.93	−14 44.3	2.561	3.572	1.8	20.0
8 9	20 51.59	−15 3.0	2.557	3.567	1.7	20.0
8 19	20 44.54	−15 21.4	2.582	3.562	4.8	20.2
8 29	20 38.41	−15 37.3	2.634	3.557	7.7	20.4
9 8	20 33.73	−15 49.1	2.711	3.552	10.2	20.6
442158 2010 VF_{201}			8 3.6 232°.43	5°.1/29.3 18		
6 30	21 19.38	−32 4.9	2.697	3.562	9.9	21.1
7 10	21 14.34	−33 21.6	2.623	3.553	7.7	20.9
7 20	21 7.54	−34 36.1	2.574	3.543	5.8	20.8
7 30	20 59.49	−35 42.7	2.553	3.533	5.1	20.7
8 9	20 50.91	−36 36.6	2.560	3.523	6.1	20.7
8 19	20 42.62	−37 14.4	2.593	3.512	8.1	20.9
8 29	20 35.43	−37 34.9	2.652	3.501	10.3	21.0
9 8	20 30.00	−37 38.9	2.733	3.490	12.4	21.1
365401 2009 WZ_{199}			8 3.6 342°.72	5°.3/ 7.9 18		
6 30	21 14.99	− 0 3.2	2.318	3.122	13.3	20.6
7 10	21 10.98	+ 0 15.3	2.235	3.118	10.9	20.4
7 20	21 5.41	+ 0 18.3	2.173	3.115	8.4	20.2
7 30	20 58.79	+ 0 5.4	2.136	3.112	6.2	20.1
8 9	20 51.76	− 0 21.9	2.124	3.109	5.4	20.0
8 19	20 45.03	− 1 1.1	2.139	3.107	6.6	20.1
8 29	20 39.33	− 1 48.3	2.181	3.105	9.0	20.3
9 8	20 35.20	− 2 38.9	2.245	3.103	11.5	20.4
221755 2007 EC_{220}			8 3.6 316°.09	2°.4/ 5.4 18		
6 30	21 15.45	− 8 42.2	2.094	2.940	13.0	19.9
7 10	21 11.55	− 8 52.5	2.006	2.928	10.1	19.7
7 20	21 5.88	− 9 15.5	1.941	2.917	6.8	19.5
7 30	20 58.97	− 9 49.5	1.900	2.905	3.5	19.2
8 9	20 51.55	−10 31.4	1.887	2.894	2.8	19.2
8 19	20 44.43	−11 17.4	1.900	2.883	5.9	19.4
8 29	20 38.43	−12 3.3	1.940	2.873	9.4	19.6
9 8	20 34.23	−12 45.4	2.003	2.863	12.6	19.7
472196 2014 DE_{142}			8 3.6 254°.84	2°.3/ 1.9 18		
6 30	21 21.93	−21 25.8	2.062	2.929	12.4	21.8
7 10	21 16.62	−22 11.7	1.969	2.909	9.3	21.6
7 20	21 9.15	−23 2.9	1.900	2.889	5.8	21.4
7 30	21 0.06	−23 54.3	1.858	2.867	2.6	21.1
8 9	20 50.24	−24 40.4	1.843	2.846	3.8	21.2
8 19	20 40.70	−25 16.5	1.856	2.823	7.5	21.3
8 29	20 32.47	−25 39.9	1.895	2.800	11.1	21.5
9 8	20 26.38	−25 49.9	1.955	2.777	14.4	21.7
65159 Sprowls			8 3.6 295°.07	1°.6/ 2.2 18		
6 30	21 16.91	−18 48.0	2.165	3.035	11.8	19.1
7 10	21 12.62	−19 44.5	2.090	3.032	8.7	18.9
7 20	21 6.52	−20 47.8	2.039	3.029	5.3	18.7
7 30	20 59.17	−21 53.1	2.014	3.026	2.0	18.5
8 9	20 51.35	−22 55.1	2.017	3.022	3.1	18.5
8 19	20 43.88	−23 49.1	2.048	3.019	6.5	18.8
8 29	20 37.60	−24 31.8	2.105	3.016	9.9	19.0
9 8	20 33.18	−25 1.9	2.184	3.013	12.8	19.1
95673 2002 GY_{170}			8 3.6 205°.93	4°.9/ 7.7 18		
6 30	21 16.56	− 0 40.9	2.411	3.212	12.9	19.7
7 10	21 12.08	− 0 28.0	2.327	3.211	10.6	19.5
7 20	21 6.07	− 0 29.7	2.266	3.209	8.0	19.4
7 30	20 59.01	− 0 46.4	2.229	3.208	5.8	19.2
8 9	20 51.55	− 1 16.4	2.218	3.206	4.9	19.2
8 19	20 44.40	− 1 57.0	2.235	3.204	6.3	19.3
8 29	20 38.25	− 2 44.4	2.279	3.202	8.7	19.4
9 8	20 33.67	− 3 34.5	2.346	3.200	11.2	19.6
67102 2000 AB_{80}			8 3.6 220°.66	5°.2/ 7.6 18		
6 30	21 17.71	− 0 14.1	2.610	3.402	12.3	19.1
7 10	21 12.83	+ 0 17.7	2.522	3.398	10.1	18.9
7 20	21 6.49	+ 0 36.6	2.457	3.394	7.8	18.8
7 30	20 59.14	+ 0 41.9	2.418	3.390	5.9	18.6
8 9	20 51.40	+ 0 34.2	2.405	3.385	5.2	18.6
8 19	20 43.94	+ 0 15.3	2.419	3.381	6.3	18.7
8 29	20 37.42	− 0 12.2	2.461	3.376	8.5	18.8
9 8	20 32.37	− 0 44.5	2.526	3.371	10.8	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
250077 2002 EE_{144}			8 3.6 294°.57	5°.1/31.2 18		
	h m	° ′			°	m
6 30	21 22.17	−30 53.8	2.097	2.969	12.0	20.0
7 10	21 16.76	−31 31.7	2.019	2.955	9.3	19.8
7 20	21 9.16	−32 6.2	1.964	2.941	6.6	19.6
7 30	21 0.04	−32 31.6	1.935	2.927	5.1	19.5
8 9	20 50.36	−32 43.0	1.932	2.913	6.1	19.5
8 19	20 41.18	−32 37.9	1.955	2.900	8.8	19.7
8 29	20 33.50	−32 15.9	2.003	2.886	11.7	19.8
9 8	20 28.08	−31 39.2	2.072	2.872	14.4	20.0
209944 2006 DV_{71}			8 3.6 61°.91	5°.0/ 1.5 17		
6 30	21 26.52	−26 20.9	1.234	2.125	17.3	20.1
7 10	21 20.80	−26 59.9	1.184	2.135	13.1	19.9
7 20	21 11.91	−27 38.4	1.155	2.144	8.5	19.7
7 30	21 0.93	−28 7.7	1.148	2.154	5.2	19.5
8 9	20 49.44	−28 20.9	1.166	2.164	6.5	19.6
8 19	20 39.10	−28 14.7	1.207	2.174	10.6	19.9
8 29	20 31.31	−27 49.7	1.270	2.184	14.8	20.1
9 8	20 26.87	−27 9.5	1.351	2.194	18.5	20.4
291135 2005 YS_{215}			8 3.6 324°.17	1°.6/ 2.2 18		
6 30	21 16.55	−19 1.1	2.285	3.154	11.3	21.0
7 10	21 12.25	−19 57.6	2.212	3.153	8.4	20.8
7 20	21 6.26	−21 0.2	2.162	3.152	5.1	20.6
7 30	20 59.09	−22 4.4	2.140	3.151	2.0	20.4
8 9	20 51.49	−23 5.0	2.145	3.150	3.0	20.5
8 19	20 44.24	−23 57.9	2.179	3.149	6.3	20.7
8 29	20 38.12	−24 40.0	2.239	3.149	9.5	20.9
9 8	20 33.75	−25 9.9	2.321	3.148	12.2	21.1
438927 2010 CL_{166}			8 3.6 75°.61	4°.1/ 6.7 16		
6 30	21 17.37	− 3 55.9	1.823	2.655	15.2	21.5
7 10	21 13.11	− 4 10.5	1.749	2.658	12.1	21.3
7 20	21 6.89	− 4 43.5	1.696	2.661	8.6	21.1
7 30	20 59.31	− 5 33.4	1.667	2.664	5.3	20.9
8 9	20 51.25	− 6 36.4	1.665	2.667	4.2	20.8
8 19	20 43.62	− 7 47.0	1.689	2.670	6.7	21.0
8 29	20 37.35	− 8 59.3	1.738	2.673	10.2	21.2
9 8	20 33.12	−10 7.7	1.811	2.676	13.5	21.4
70306 1999 RL_{134}			8 3.6 204°.56	0°.5/ 3.9 18	R	
6 30	21 24.82	−15 42.2	1.606	2.471	15.4	19.1
7 10	21 18.98	−15 39.1	1.533	2.469	11.6	18.9
7 20	21 10.64	−15 44.0	1.480	2.467	7.3	18.6
7 30	21 0.55	−15 53.9	1.453	2.464	2.5	18.3
8 9	20 49.84	−16 5.0	1.451	2.462	2.6	18.3
8 19	20 39.75	−16 14.0	1.477	2.458	7.4	18.6
8 29	20 31.45	−16 18.3	1.527	2.455	11.8	18.9
9 8	20 25.76	−16 16.5	1.598	2.451	15.6	19.1
207216 2005 ED_{86}			8 3.6 115°.84	2°.0/ 2.2 17		
6 30	21 20.17	−20 31.5	1.941	2.813	12.8	20.4
7 10	21 15.15	−21 14.2	1.875	2.818	9.5	20.2
7 20	21 8.10	−22 1.6	1.833	2.822	5.8	20.0
7 30	20 59.69	−22 48.9	1.816	2.827	2.4	19.8
8 9	20 50.84	−23 30.7	1.827	2.832	3.5	19.9
8 19	20 42.52	−24 3.1	1.865	2.836	7.1	20.1
8 29	20 35.65	−24 23.8	1.928	2.840	10.6	20.4
9 8	20 30.91	−24 32.3	2.013	2.845	13.7	20.6
236826 2007 RS_{53}			8 3.6 359°.13	6°.1/ 1.5 18		
6 30	21 24.52	−30 55.8	1.305	2.197	16.5	19.0
7 10	21 19.34	−31 5.2	1.246	2.194	12.8	18.7
7 20	21 11.04	−31 7.4	1.207	2.191	8.9	18.5
7 30	21 0.67	−30 55.5	1.190	2.190	6.2	18.4
8 9	20 49.77	−30 24.4	1.197	2.190	7.2	18.4
8 19	20 39.95	−29 33.4	1.228	2.192	10.8	18.6
8 29	20 32.59	−28 25.2	1.281	2.194	14.8	18.9
9 8	20 28.49	−27 4.8	1.353	2.198	18.3	19.1
141749 2002 LW_{47}			8 3.6 349°.22	8°.0/ 9.5 18		
6 30	21 6.03	+ 2 8.1	0.947	1.819	23.0	18.4
7 10	21 5.98	+ 1 52.6	0.879	1.805	19.2	18.1
7 20	21 3.17	+ 0 55.4	0.826	1.792	14.8	17.8
7 30	20 58.25	− 0 45.9	0.790	1.782	10.4	17.5
8 9	20 52.44	− 3 5.5	0.774	1.775	8.0	17.4
8 19	20 47.16	− 5 50.0	0.778	1.769	10.1	17.4
8 29	20 43.93	− 8 41.1	0.803	1.766	14.7	17.7
9 8	20 43.79	−11 21.0	0.846	1.765	19.5	18.0
38487 1999 TL_{108}			8 3.6 236°.07	4°.3/ 7.2 18		
6 30	21 16.20	− 2 20.4	2.375	3.186	12.8	19.1
7 10	21 11.87	− 2 18.2	2.290	3.183	10.3	19.0
7 20	21 5.97	− 2 30.6	2.226	3.179	7.6	18.8
7 30	20 59.01	− 2 57.1	2.188	3.174	5.2	18.6
8 9	20 51.63	− 3 35.8	2.176	3.170	4.3	18.6
8 19	20 44.54	− 4 23.4	2.192	3.166	6.0	18.7
8 29	20 38.46	− 5 16.0	2.234	3.161	8.6	18.8
9 8	20 33.95	− 6 9.3	2.301	3.157	11.3	19.0

185607 2008 CK_{35} 8 3.6 106°.65 0°.5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.93	−13 38.1	2.226	3.081	12.1	21.1
7 10	21 13.18	−14 7.6	2.158	3.090	9.0	20.9
7 20	21 6.77	−14 45.6	2.114	3.099	5.6	20.7
7 30	20 59.25	−15 29.2	2.096	3.107	2.0	20.5
8 9	20 51.38	−16 14.3	2.106	3.116	1.9	20.5
8 19	20 43.94	−16 57.2	2.144	3.124	5.5	20.8
8 29	20 37.69	−17 34.7	2.208	3.133	8.9	21.0
9 8	20 33.20	−18 4.6	2.297	3.141	11.8	21.2

359581 2010 UA_{16} 8 3.6 307°.20 5°.4/30.5 18

6 30	21 20.10	−31 5.4	2.092	2.968	11.9	20.4
7 10	21 15.24	−32 2.4	2.021	2.959	9.2	20.2
7 20	21 8.24	−32 56.6	1.974	2.950	6.7	20.0
7 30	20 59.77	−33 41.8	1.952	2.941	5.4	19.9
8 9	20 50.75	−34 12.5	1.957	2.933	6.5	20.0
8 19	20 42.22	−34 25.6	1.987	2.925	9.1	20.1
8 29	20 35.15	−34 20.3	2.041	2.917	11.8	20.3
9 8	20 30.28	−33 58.3	2.116	2.909	14.4	20.5

307240 2002 JU_{67} 8 3.6 102°.18 12°.2/14.5 18

6 30	21 26.05	+17 40.4	1.951	2.633	19.1	20.6
7 10	21 19.28	+18 46.7	1.903	2.666	17.2	20.5
7 20	21 10.50	+19 24.3	1.871	2.698	15.1	20.5
7 30	21 0.43	+19 29.3	1.859	2.728	13.4	20.4
8 9	20 50.06	+19 1.5	1.869	2.758	12.3	20.4
8 19	20 40.38	+18 4.3	1.902	2.786	12.3	20.5
8 29	20 32.29	+16 44.1	1.958	2.814	13.1	20.6
9 8	20 26.42	+15 9.6	2.036	2.840	14.5	20.7

223151 2002 XP_{8} 8 3.6 288°.80 4°.5/ 5.9 17 R

6 30	21 20.51	− 6 44.9	1.540	2.390	16.8	20.1
7 10	21 15.89	− 6 20.9	1.461	2.381	13.3	19.9
7 20	21 8.84	− 6 12.7	1.402	2.373	9.4	19.6
7 30	21 0.01	− 6 20.5	1.365	2.364	5.7	19.4
8 9	20 50.47	− 6 42.1	1.353	2.356	4.8	19.3
8 19	20 41.39	− 7 13.6	1.367	2.348	7.9	19.5
8 29	20 33.94	− 7 50.1	1.404	2.340	12.0	19.7
9 8	20 29.00	− 8 26.6	1.463	2.332	15.8	19.9

445458 2010 VU_{19} 8 3.6 330°.58 8°.6/ 9.5 17

6 30	21 15.84	+ 5 49.2	1.983	2.763	16.0	20.2
7 10	21 11.94	+ 6 38.5	1.898	2.754	13.8	20.0
7 20	21 6.20	+ 7 7.8	1.833	2.745	11.5	19.8
7 30	20 59.13	+ 7 14.4	1.789	2.737	9.5	19.7
8 9	20 51.51	+ 6 57.9	1.769	2.729	8.6	19.6
8 19	20 44.20	+ 6 20.4	1.774	2.721	9.3	19.6
8 29	20 38.06	+ 5 26.3	1.802	2.714	11.3	19.7
9 8	20 33.79	+ 4 22.0	1.853	2.707	13.7	19.9

375172 2008 CS_{215} 8 3.6 353°.15 4°.0/ 1.8 17

6 30	21 22.62	−24 40.7	1.307	2.200	16.5	20.3
7 10	21 17.91	−25 11.6	1.245	2.197	12.4	20.0
7 20	21 10.22	−25 44.3	1.204	2.195	7.9	19.8
7 30	21 0.46	−26 11.5	1.185	2.193	4.3	19.6
8 9	20 50.03	−26 26.5	1.190	2.192	5.6	19.6
8 19	20 40.45	−26 25.3	1.220	2.191	9.9	19.9
8 29	20 33.12	−26 7.4	1.271	2.191	14.3	20.1
9 8	20 28.89	−25 34.6	1.341	2.192	18.1	20.4

198298 2004 TH_{318} 8 3.6 146°.72 3°.0/ 1.5 17

6 30	21 23.57	−24 43.2	2.177	3.043	11.9	21.2
7 10	21 17.47	−25 23.5	2.115	3.053	8.9	21.0
7 20	21 9.44	−26 4.4	2.076	3.062	5.6	20.9
7 30	21 0.13	−26 40.9	2.064	3.070	3.2	20.7
8 9	20 50.44	−27 8.6	2.081	3.078	4.2	20.8
8 19	20 41.33	−27 24.5	2.125	3.085	7.2	21.0
8 29	20 33.65	−27 27.7	2.195	3.091	10.2	21.2
9 8	20 28.06	−27 19.0	2.287	3.098	12.9	21.4

215644 2003 UR_{27} 8 3.6 293°.89 2°.9/ 2.1 18

6 30	21 21.19	−20 48.1	1.363	2.252	16.2	20.5
7 10	21 17.02	−21 34.1	1.281	2.232	12.2	20.2
7 20	21 9.87	−22 29.0	1.220	2.213	7.6	19.9
7 30	21 0.44	−23 25.7	1.182	2.193	3.3	19.6
8 9	20 49.95	−24 16.1	1.168	2.173	4.8	19.6
8 19	20 39.91	−24 53.3	1.179	2.154	9.8	19.9
8 29	20 31.82	−25 13.3	1.212	2.134	14.7	20.1
9 8	20 26.80	−25 15.4	1.263	2.115	18.9	20.3

294849 2008 CC_{174} 8 3.6 239°.56 3°.2/ 1.6 17

6 30	21 23.88	−22 36.8	1.759	2.633	13.9	21.7
7 10	21 18.41	−23 30.0	1.677	2.619	10.4	21.5
7 20	21 10.41	−24 28.4	1.617	2.605	6.6	21.2
7 30	21 0.54	−25 25.4	1.583	2.591	3.4	21.0
8 9	20 49.88	−26 14.3	1.576	2.576	4.7	21.0
8 19	20 39.63	−26 49.7	1.595	2.560	8.6	21.2
8 29	20 31.02	−27 8.8	1.639	2.544	12.6	21.4
9 8	20 24.96	−27 12.0	1.704	2.527	16.1	21.6

163031 2001 XW_{117} 8 3.6 250°.78 3°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.44	−22 3.7	1.446	2.330	15.7	19.4
7 10	21 18.43	−22 56.1	1.373	2.322	11.8	19.1
7 20	21 10.57	−23 55.0	1.322	2.313	7.4	18.9
7 30	21 0.61	−24 52.7	1.295	2.305	3.6	18.6
8 9	20 49.82	−25 41.4	1.294	2.296	5.1	18.7
8 19	20 39.63	−26 15.1	1.317	2.287	9.5	18.9
8 29	20 31.42	−26 30.9	1.363	2.278	14.0	19.2
9 8	20 26.18	−26 29.2	1.429	2.268	17.8	19.4

371518 2006 UN_{155} 8 3.6 300°.82 2°.6/ 2.2 18

6 30	21 20.20	−20 1.3	1.360	2.250	16.2	21.2
7 10	21 16.33	−20 45.7	1.273	2.225	12.2	20.9
7 20	21 9.50	−21 40.2	1.207	2.200	7.6	20.6
7 30	21 0.35	−22 38.3	1.164	2.175	3.1	20.2
8 9	20 50.05	−23 31.7	1.145	2.151	4.6	20.3
8 19	20 40.10	−24 13.4	1.150	2.126	9.7	20.5
8 29	20 32.05	−24 38.5	1.177	2.102	14.8	20.7
9 8	20 27.04	−24 45.9	1.223	2.079	19.2	20.9

221420 2005 YE_{172} 8 3.6 219°.70 4°.3/31.9 18

6 30	21 26.88	−32 31.7	2.638	3.491	10.5	20.3
7 10	21 19.70	−32 42.9	2.561	3.486	8.1	20.1
7 20	21 10.70	−32 48.4	2.509	3.481	5.8	20.0
7 30	21 0.53	−32 44.1	2.485	3.475	4.4	19.9
8 9	20 50.03	−32 27.2	2.489	3.469	5.1	19.9
8 19	20 40.10	−31 56.7	2.522	3.463	7.2	20.0
8 29	20 31.56	−31 13.5	2.582	3.456	9.7	20.2
9 8	20 24.99	−30 20.0	2.666	3.450	12.0	20.3

295389 2008 JK_{5} 8 3.6 144°.55 0°.4/ 3.4 17

6 30	21 23.06	−16 47.9	1.635	2.505	15.0	21.6
7 10	21 17.60	−17 8.7	1.569	2.509	11.2	21.4
7 20	21 9.76	−17 37.7	1.524	2.513	6.9	21.1
7 30	21 0.29	−18 10.6	1.504	2.517	2.2	20.8
8 9	20 50.29	−18 42.4	1.510	2.520	2.7	20.9
8 19	20 40.94	−19 8.7	1.543	2.523	7.4	21.2
8 29	20 33.33	−19 26.6	1.601	2.526	11.5	21.4
9 8	20 28.22	−19 34.9	1.680	2.529	15.1	21.7

108153 2001 HR_{2} 8 3.6 189°.07 0°.6/ 4.0 18

6 30	21 19.59	−14 3.2	1.916	2.777	13.5	19.7
7 10	21 14.74	−14 21.0	1.842	2.777	10.2	19.5
7 20	21 7.89	−14 48.0	1.791	2.777	6.4	19.3
7 30	20 59.68	−15 21.4	1.765	2.776	2.2	19.0
8 9	20 50.98	−15 57.0	1.766	2.776	2.2	19.0
8 19	20 42.75	−16 30.8	1.794	2.775	6.3	19.3
8 29	20 35.90	−16 59.4	1.848	2.775	10.1	19.5
9 8	20 31.12	−17 20.7	1.924	2.774	13.4	19.7

127907 2003 GW_{23} 8 3.6 40°.45 3°.7/ 5.5 17

6 30	21 20.34	− 8 44.3	1.061	1.941	20.4	19.2
7 10	21 16.24	− 8 36.5	1.014	1.954	15.8	18.9
7 20	21 9.17	− 8 49.5	0.985	1.968	10.6	18.7
7 30	21 0.11	− 9 20.9	0.976	1.982	5.4	18.5
8 9	20 50.55	−10 4.8	0.989	1.998	4.3	18.5
8 19	20 42.00	−10 54.3	1.025	2.013	8.8	18.8
8 29	20 35.79	−11 42.2	1.083	2.030	13.6	19.1
9 8	20 32.71	−12 23.0	1.160	2.047	17.9	19.4

13880 Wayneclark 8 3.6 84°.95 0°.1/ 3.7 18

6 30	21 21.78	−14 8.6	1.528	2.397	15.8	17.7
7 10	21 16.63	−14 46.9	1.474	2.413	11.8	17.5
7 20	21 9.13	−15 37.1	1.441	2.429	7.3	17.3
7 30	21 0.07	−16 33.9	1.433	2.445	2.4	17.0
8 9	20 50.59	−17 30.9	1.450	2.461	2.6	17.0
8 19	20 41.86	−18 22.5	1.494	2.476	7.3	17.4
8 29	20 34.95	−19 4.3	1.563	2.491	11.5	17.7
9 8	20 30.55	−19 34.2	1.652	2.506	15.1	17.9

107659 2001 EK_{27} 8 3.6 276°.66 1°.8/ 5.3 18

6 30	21 15.29	− 8 8.3	2.355	3.193	12.0	19.4
7 10	21 11.29	− 8 50.7	2.266	3.185	9.3	19.2
7 20	21 5.70	− 9 46.5	2.200	3.176	6.2	19.0
7 30	20 58.98	−10 53.3	2.161	3.167	2.9	18.8
8 9	20 51.79	−12 6.9	2.150	3.159	2.2	18.7
8 19	20 44.86	−13 22.6	2.167	3.150	5.3	18.9
8 29	20 38.92	−14 35.5	2.212	3.141	8.6	19.1
9 8	20 34.56	−15 41.8	2.281	3.132	11.6	19.3

476190 2007 UR_{26} 8 3.6 224°.83 4°.5/31.4 18

6 30	21 22.88	−28 38.6	2.091	2.962	12.1	21.5
7 10	21 17.25	−29 27.0	2.018	2.956	9.2	21.3
7 20	21 9.47	−30 13.9	1.969	2.950	6.3	21.1
7 30	21 0.20	−30 53.5	1.947	2.944	4.6	21.0
8 9	20 50.40	−31 20.5	1.951	2.937	5.6	21.0
8 19	20 41.10	−31 31.9	1.982	2.930	8.4	21.2
8 29	20 33.30	−31 26.9	2.038	2.923	11.4	21.4
9 8	20 27.72	−31 6.9	2.115	2.915	14.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
425638 2010 VU_{159}			8 3.6 284°.36	2°.4/ 2.2 18		
	h m	° ′			°	m
6 30	21 20.55	−19 0.7	1.466	2.350	15.6	21.4
7 10	21 16.38	−19 58.9	1.381	2.330	11.7	21.2
7 20	21 9.43	−21 8.5	1.317	2.309	7.2	20.8
7 30	21 0.31	−22 22.9	1.277	2.288	2.9	20.5
8 9	20 50.17	−23 33.7	1.262	2.268	4.4	20.6
8 19	20 40.37	−24 33.1	1.272	2.247	9.3	20.8
8 29	20 32.34	−25 15.8	1.305	2.226	14.0	21.0
9 8	20 27.14	−25 40.2	1.358	2.205	18.2	21.2
347264 2011 KU_{27}			8 3.6	2°.59	0°.0/ 3.4 17	
6 30	21 13.45	−13 59.0	1.205	2.100	17.4	19.4
7 10	21 11.07	−14 45.0	1.145	2.099	13.1	19.2
7 20	21 6.05	−15 47.5	1.105	2.098	8.1	18.9
7 30	20 59.16	−17 0.6	1.086	2.099	2.6	18.6
8 9	20 51.61	−18 15.7	1.091	2.101	3.1	18.6
8 19	20 44.73	−19 24.6	1.119	2.105	8.5	18.9
8 29	20 39.78	−20 20.5	1.168	2.110	13.4	19.2
9 8	20 37.62	−21 0.0	1.238	2.116	17.5	19.5
521683 2015 RU_{261}			8 3.6	11°.60	3°.3/ 1.5 18	
6 30	21 22.14	−27 13.3	2.288	3.156	11.3	20.8
7 10	21 16.38	−27 30.3	2.218	3.156	8.5	20.6
7 20	21 8.76	−27 45.4	2.172	3.156	5.6	20.4
7 30	20 59.94	−27 54.5	2.153	3.157	3.4	20.3
8 9	20 50.76	−27 54.4	2.162	3.157	4.3	20.4
8 19	20 42.13	−27 43.2	2.198	3.157	7.0	20.5
8 29	20 34.87	−27 20.8	2.260	3.158	9.9	20.7
9 8	20 29.59	−26 48.5	2.345	3.158	12.5	20.9
353943 1998 TU_{29}			8 3.6 318°.10	3°.0/ 5.8 17		
6 30	21 14.14	− 5 51.7	1.483	2.342	16.8	20.5
7 10	21 11.58	− 6 37.7	1.375	2.304	13.4	20.2
7 20	21 6.52	− 7 50.3	1.287	2.265	9.2	19.8
7 30	20 59.42	− 9 28.5	1.221	2.227	4.7	19.5
8 9	20 51.15	−11 26.7	1.180	2.189	3.5	19.3
8 19	20 42.88	−13 35.8	1.164	2.152	8.0	19.5
8 29	20 35.97	−15 44.5	1.173	2.115	13.2	19.6
9 8	20 31.59	−17 42.8	1.203	2.080	18.0	19.8
176766 2002 RA_{190}			8 3.6	28°.62	4°.0/ 5.9 18	
6 30	21 17.84	− 7 6.8	1.184	2.056	19.3	19.7
7 10	21 14.23	− 7 7.7	1.130	2.064	15.1	19.5
7 20	21 7.90	− 7 30.3	1.093	2.073	10.3	19.2
7 30	20 59.73	− 8 12.3	1.078	2.082	5.6	19.0
8 9	20 51.00	− 9 8.2	1.086	2.093	4.4	19.0
8 19	20 43.06	−10 10.8	1.117	2.104	8.3	19.2
8 29	20 37.16	−11 12.4	1.170	2.116	12.9	19.5
9 8	20 34.12	−12 6.8	1.243	2.128	17.0	19.8
414433 2009 DM_{77}			8 3.6 274°.10	1°.6/ 3.1 17		
6 30	21 26.78	−20 48.0	1.359	2.240	16.7	20.8
7 10	21 21.03	−20 46.4	1.284	2.230	12.6	20.5
7 20	21 12.21	−20 48.5	1.229	2.220	7.8	20.2
7 30	21 1.17	−20 49.7	1.198	2.210	2.8	19.9
8 9	20 49.29	−20 45.0	1.191	2.200	3.7	19.9
8 19	20 38.13	−20 31.6	1.210	2.190	9.0	20.2
8 29	20 29.16	−20 8.3	1.252	2.179	13.9	20.5
9 8	20 23.36	−19 36.1	1.314	2.169	18.1	20.7
32104 2000 KR_{52}			8 3.6 354°.80	3°.0/ 5.4 16		
6 30	21 13.72	− 8 48.0	1.149	2.034	18.8	18.3
7 10	21 11.39	− 9 1.6	1.085	2.028	14.7	18.0
7 20	21 6.32	− 9 36.8	1.038	2.024	9.8	17.7
7 30	20 59.28	−10 31.0	1.012	2.020	4.8	17.5
8 9	20 51.49	−11 38.0	1.008	2.018	3.7	17.4
8 19	20 44.32	−12 49.6	1.027	2.017	8.4	17.7
8 29	20 39.12	−13 57.4	1.068	2.018	13.4	17.9
9 8	20 36.80	−14 54.8	1.128	2.020	17.9	18.2
319152 2005 YX_{56}			8 3.6 228°.31	2°.6/ 5.6 17		
6 30	21 18.88	− 8 31.4	2.635	3.463	11.2	22.0
7 10	21 13.73	− 8 16.3	2.545	3.455	8.8	21.8
7 20	21 7.09	− 8 10.0	2.479	3.447	6.0	21.6
7 30	20 59.42	− 8 11.6	2.439	3.439	3.4	21.4
8 9	20 51.35	− 8 19.8	2.428	3.431	2.8	21.4
8 19	20 43.57	− 8 32.5	2.445	3.423	5.2	21.5
8 29	20 36.74	− 8 47.6	2.490	3.414	8.0	21.7
9 8	20 31.42	− 9 2.7	2.559	3.405	10.6	21.9
200840 2001 XN_{254}			8 3.6 63°.34	1°.0/ 4.2 16		
6 30	21 36.27	−12 11.1	1.412	2.256	18.2	21.1
7 10	21 26.67	−12 46.7	1.395	2.320	13.5	20.9
7 20	21 14.75	−13 33.5	1.401	2.382	8.2	20.8
7 30	21 1.72	−14 25.4	1.432	2.443	2.9	20.6
8 9	20 48.99	−15 16.0	1.492	2.502	2.7	20.7
8 19	20 37.81	−16 0.3	1.579	2.559	7.3	21.2
8 29	20 29.10	−16 35.5	1.693	2.614	11.3	21.5
9 8	20 23.34	−17 0.5	1.829	2.668	14.5	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
354337 2003 DV_{4}			8 3.6 190°.65	0°.8/ 2.9 18		
	h m	° ′			°	m
6 30	21 20.58	−19 24.9	2.924	3.775	9.6	22.7
7 10	21 14.86	−19 42.8	2.842	3.773	7.1	22.6
7 20	21 7.72	−20 3.6	2.785	3.771	4.3	22.4
7 30	20 59.61	−20 24.7	2.756	3.768	1.5	22.2
8 9	20 51.18	−20 43.4	2.757	3.764	2.1	22.2
8 19	20 43.06	−20 57.6	2.788	3.760	5.0	22.4
8 29	20 35.90	−21 5.7	2.846	3.755	7.7	22.6
9 8	20 30.21	−21 7.3	2.930	3.750	10.1	22.8
286401 2001 YB_{66}			8 3.6 131°.40	2°.1/ 5.1 18		
6 30	21 19.32	−10 31.6	2.287	3.128	12.3	20.4
7 10	21 14.18	−10 25.1	2.212	3.132	9.4	20.2
7 20	21 7.40	−10 27.8	2.161	3.137	6.2	20.0
7 30	20 59.53	−10 38.3	2.135	3.141	3.1	19.8
8 9	20 51.29	−10 54.1	2.138	3.145	2.5	19.8
8 19	20 43.47	−11 12.8	2.168	3.149	5.5	20.0
8 29	20 36.81	−11 31.7	2.226	3.153	8.7	20.2
9 8	20 31.88	−11 48.4	2.307	3.157	11.5	20.4
44799 1999 TQ_{192}			8 3.6 44°.66	1°.2/ 4.2 18		
6 30	21 23.53	−14 48.4	1.321	2.197	17.4	18.6
7 10	21 18.30	−14 36.2	1.262	2.204	13.1	18.4
7 20	21 10.33	−14 34.3	1.223	2.211	8.3	18.1
7 30	21 0.52	−14 39.7	1.207	2.218	3.1	17.8
8 9	20 50.19	−14 48.4	1.216	2.226	2.9	17.9
8 19	20 40.71	−14 56.7	1.249	2.234	8.0	18.2
8 29	20 33.34	−15 1.6	1.306	2.242	12.7	18.5
9 8	20 28.86	−15 1.1	1.383	2.251	16.7	18.8
148545 2001 QP_{134}			8 3.7 347°.23	0°.0/ 3.5 16		
6 30	21 23.28	−19 32.1	1.198	2.089	17.8	19.0
7 10	21 18.56	−18 56.6	1.130	2.081	13.5	18.7
7 20	21 10.73	−18 24.3	1.081	2.073	8.4	18.4
7 30	21 0.71	−17 52.6	1.054	2.067	2.7	18.1
8 9	20 49.95	−17 18.8	1.052	2.062	3.2	18.1
8 19	20 40.03	−16 41.8	1.072	2.058	8.9	18.4
8 29	20 32.42	−16 1.4	1.115	2.055	14.0	18.7
9 8	20 28.06	−15 17.9	1.177	2.053	18.4	19.0
452152 2015 RR_{38}			8 3.7 318°.25	3°.5/ 6.6 18		
6 30	21 15.50	− 4 37.2	2.141	2.970	13.4	21.2
7 10	21 11.55	− 4 51.2	2.058	2.966	10.6	21.0
7 20	21 5.90	− 5 20.6	1.997	2.962	7.5	20.8
7 30	20 59.08	− 6 4.1	1.961	2.957	4.6	20.6
8 9	20 51.80	− 6 58.8	1.951	2.953	3.7	20.5
8 19	20 44.84	− 8 0.3	1.969	2.949	6.0	20.7
8 29	20 38.99	− 9 3.8	2.013	2.945	9.1	20.9
9 8	20 34.85	−10 4.7	2.080	2.942	12.1	21.1
249757 2000 TG_{7}			8 3.7 345°.06	4°.1/ 1.2 18		
6 30	21 21.24	−27 11.3	1.857	2.736	13.0	20.2
7 10	21 16.17	−27 43.0	1.789	2.733	9.8	20.0
7 20	21 8.87	−28 13.6	1.744	2.729	6.5	19.8
7 30	21 0.05	−28 37.5	1.724	2.726	4.2	19.6
8 9	20 50.74	−28 50.0	1.730	2.724	5.3	19.7
8 19	20 42.03	−28 48.3	1.762	2.722	8.4	19.9
8 29	20 34.96	−28 31.8	1.818	2.720	11.7	20.1
9 8	20 30.23	−28 2.1	1.895	2.718	14.7	20.3
268089 2004 RV_{219}			8 3.7 290°.97	2°.5/ 5.1 17		
6 30	21 20.42	−10 51.9	2.248	3.089	12.4	20.4
7 10	21 15.17	−10 23.7	2.155	3.074	9.7	20.2
7 20	21 8.13	−10 3.1	2.085	3.060	6.5	20.0
7 30	20 59.81	− 9 49.6	2.041	3.046	3.4	19.8
8 9	20 50.98	− 9 41.9	2.025	3.031	2.9	19.7
8 19	20 42.46	− 9 38.5	2.037	3.017	5.9	19.9
8 29	20 35.09	− 9 37.3	2.076	3.003	9.2	20.1
9 8	20 29.51	− 9 36.5	2.139	2.989	12.3	20.3
507813 2014 DB_{38}			8 3.7 246°.23	1°.4/ 4.7 18		
6 30	21 19.83	−10 53.8	2.170	3.014	12.7	22.2
7 10	21 14.88	−11 16.4	2.074	2.998	9.8	22.0
7 20	21 8.04	−11 50.6	2.001	2.980	6.4	21.8
7 30	20 59.81	−12 34.0	1.954	2.962	2.7	21.5
8 9	20 50.95	−13 23.0	1.935	2.944	2.3	21.4
8 19	20 42.33	−14 13.2	1.944	2.925	5.9	21.6
8 29	20 34.84	−15 0.7	1.979	2.905	9.6	21.8
9 8	20 29.19	−15 42.1	2.039	2.885	12.9	22.0
369767 2012 GK_{4}			8 3.7 180°.28	4°.1/ 6.2 17		
6 30	21 20.64	− 5 25.5	1.633	2.473	16.4	21.4
7 10	21 15.83	− 5 28.6	1.559	2.474	13.0	21.2
7 20	21 8.74	− 5 50.0	1.505	2.474	9.1	21.0
7 30	21 0.04	− 6 28.4	1.475	2.475	5.4	20.8
8 9	20 50.74	− 7 20.0	1.471	2.474	4.3	20.7
8 19	20 41.94	− 8 19.6	1.492	2.474	7.3	20.9
8 29	20 34.71	− 9 21.1	1.539	2.473	11.3	21.1
9 8	20 29.83	−10 18.9	1.607	2.472	14.9	21.3

342933 2009 AH_{21} 8 3.7 316°.87 3°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.11	−22 25.0	1.695	2.578	13.8	20.5
7 10	21 14.82	−23 25.3	1.624	2.571	10.3	20.3
7 20	21 8.19	−24 31.0	1.575	2.565	6.5	20.0
7 30	20 59.88	−25 35.5	1.551	2.559	3.5	19.8
8 9	20 50.93	−26 31.6	1.553	2.553	4.8	19.9
8 19	20 42.46	−27 14.1	1.581	2.548	8.6	20.1
8 29	20 35.62	−27 40.0	1.633	2.543	12.4	20.3
9 8	20 31.20	−27 49.0	1.706	2.538	15.7	20.5

12235 Imranakperov 8 3.7 333°.83 6°.0/ 7.3 18

6 30	21 17.97	− 1 5.0	2.109	2.918	14.2	16.8
7 10	21 13.41	− 0 17.4	2.025	2.912	11.8	16.6
7 20	21 7.06	+ 0 15.9	1.963	2.906	9.1	16.4
7 30	20 59.48	+ 0 33.4	1.924	2.900	6.8	16.2
8 9	20 51.40	+ 0 35.3	1.912	2.894	6.1	16.2
8 19	20 43.66	+ 0 23.2	1.925	2.889	7.5	16.3
8 29	20 37.08	+ 0 0.4	1.964	2.885	10.0	16.4
9 8	20 32.29	− 0 28.9	2.026	2.880	12.7	16.6

470846 2008 XB_{55} 8 3.7 300°.67 0°.0/ 3.5 16

6 30	21 21.30	−16 2.6	1.661	2.531	14.7	21.6
7 10	21 16.78	−16 13.6	1.554	2.494	11.3	21.3
7 20	21 9.66	−16 34.1	1.469	2.457	7.1	21.0
7 30	21 0.46	−17 0.9	1.408	2.420	2.4	20.6
8 9	20 50.14	−17 29.6	1.372	2.382	2.7	20.6
8 19	20 39.92	−17 55.5	1.363	2.345	7.9	20.8
8 29	20 31.15	−18 14.6	1.378	2.307	12.7	21.0
9 8	20 24.89	−18 24.7	1.413	2.269	17.1	21.1

240264 2002 WL_{1} 8 3.7 351°.19 9°.0/28.9 18

6 30	21 21.52	−36 21.0	1.513	2.398	15.1	19.2
7 10	21 17.14	−37 38.6	1.457	2.393	12.2	19.0
7 20	21 9.82	−38 47.9	1.423	2.388	9.9	18.9
7 30	21 0.43	−39 38.9	1.412	2.385	9.1	18.8
8 9	20 50.36	−40 4.0	1.423	2.382	10.3	18.9
8 19	20 41.13	−40 0.0	1.457	2.380	12.9	19.1
8 29	20 34.12	−39 28.3	1.512	2.378	15.8	19.2
9 8	20 30.18	−38 33.7	1.585	2.378	18.4	19.4

169879 2002 RO_{139} 8 3.7 291°.19 2°.1/ 1.9 18

6 30	21 17.73	−18 13.1	1.855	2.729	13.2	19.4
7 10	21 13.75	−19 28.6	1.765	2.709	9.9	19.1
7 20	21 7.57	−20 55.3	1.699	2.689	6.1	18.9
7 30	20 59.72	−22 27.1	1.658	2.669	2.5	18.6
8 9	20 51.08	−23 56.4	1.645	2.650	3.8	18.7
8 19	20 42.68	−25 16.2	1.659	2.630	7.9	18.9
8 29	20 35.60	−26 21.2	1.698	2.610	11.9	19.1
9 8	20 30.71	−27 8.8	1.759	2.590	15.3	19.2

506825 2007 TZ_{38} 8 3.7 258°.84 5°.1/31.8 17

6 30	21 24.70	−26 19.9	1.459	2.345	15.5	21.8
7 10	21 19.49	−27 18.0	1.388	2.335	11.8	21.6
7 20	21 11.30	−28 18.2	1.339	2.326	7.9	21.3
7 30	21 0.94	−29 11.8	1.313	2.316	5.2	21.1
8 9	20 49.73	−29 50.6	1.312	2.306	6.6	21.2
8 19	20 39.15	−30 9.4	1.336	2.295	10.5	21.4
8 29	20 30.67	−30 6.7	1.382	2.285	14.6	21.6
9 8	20 25.26	−29 44.8	1.447	2.274	18.2	21.8

158394 2001 YA_{52} 8 3.7 167°.97 0°.8/ 3.2 18

6 30	21 22.30	−17 46.2	1.886	2.751	13.5	20.3
7 10	21 16.82	−18 10.4	1.815	2.753	10.0	20.0
7 20	21 9.22	−18 41.2	1.767	2.755	6.1	19.8
7 30	21 0.18	−19 14.5	1.745	2.757	2.0	19.5
8 9	20 50.65	−19 45.6	1.750	2.759	2.6	19.6
8 19	20 41.66	−20 10.9	1.782	2.760	6.8	19.9
8 29	20 34.17	−20 27.8	1.840	2.761	10.6	20.1
9 8	20 28.90	−20 35.3	1.921	2.761	13.9	20.3

510034 2010 CX_{152} 8 3.7 220°.78 0°.7/ 4.2 17

6 30	21 20.35	−12 51.3	2.312	3.158	12.0	22.8
7 10	21 15.13	−13 21.1	2.222	3.148	9.1	22.6
7 20	21 8.12	−14 0.5	2.155	3.137	5.7	22.4
7 30	20 59.83	−14 46.8	2.115	3.125	2.1	22.1
8 9	20 51.01	−15 35.9	2.103	3.113	2.0	22.1
8 19	20 42.45	−16 23.9	2.120	3.100	5.7	22.3
8 29	20 35.00	−17 7.2	2.165	3.086	9.2	22.5
9 8	20 29.32	−17 43.3	2.233	3.072	12.2	22.7

118347 1999 CM_{60} 8 3.7 225°.73 0°.5/ 3.4 18

6 30	21 22.69	−17 25.0	1.726	2.594	14.4	19.9
7 10	21 17.33	−17 38.9	1.651	2.591	10.8	19.6
7 20	21 9.65	−17 59.8	1.598	2.587	6.6	19.4
7 30	21 0.35	−18 24.0	1.571	2.583	2.1	19.1
8 9	20 50.45	−18 46.9	1.570	2.579	2.7	19.1
8 19	20 41.10	−19 4.9	1.595	2.575	7.2	19.4
8 29	20 33.38	−19 15.2	1.646	2.571	11.3	19.6
9 8	20 28.07	−19 16.9	1.718	2.566	14.9	19.9

447204 2005 SZ_{262} 8 3.7 228°.60 1°.1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.57	−19 19.2	2.706	3.564	10.1	22.3
7 10	21 13.59	−19 52.2	2.618	3.554	7.5	22.1
7 20	21 7.07	−20 29.5	2.555	3.543	4.6	21.9
7 30	20 59.47	−21 7.8	2.520	3.531	1.7	21.7
8 9	20 51.45	−21 43.7	2.513	3.519	2.4	21.7
8 19	20 43.69	−22 14.2	2.535	3.507	5.4	21.9
8 29	20 36.89	−22 37.1	2.585	3.494	8.4	22.1
9 8	20 31.62	−22 51.5	2.658	3.481	11.0	22.2

104135 2000 EG_{63} 8 3.7 234°.59 1°.2/ 2.8 18

6 30	21 20.63	−19 9.0	2.281	3.143	11.6	20.6
7 10	21 15.39	−19 39.6	2.194	3.131	8.6	20.4
7 20	21 8.30	−20 15.4	2.131	3.119	5.3	20.1
7 30	20 59.89	−20 52.5	2.095	3.107	1.9	19.9
8 9	20 50.96	−21 27.0	2.087	3.094	2.7	19.9
8 19	20 42.34	−21 55.2	2.108	3.081	6.2	20.1
8 29	20 34.91	−22 14.9	2.155	3.068	9.6	20.3
9 8	20 29.33	−22 24.9	2.225	3.053	12.6	20.5

448419 2009 SP_{207} 8 3.7 303°.90 6°.0/ 6.9 17

6 30	21 19.25	− 1 27.1	2.208	3.014	13.8	20.4
7 10	21 14.39	− 0 32.4	2.111	2.996	11.4	20.2
7 20	21 7.71	+ 0 9.7	2.035	2.977	8.9	20.0
7 30	20 59.72	+ 0 37.6	1.984	2.959	6.7	19.8
8 9	20 51.14	+ 0 50.7	1.960	2.941	6.1	19.8
8 19	20 42.78	+ 0 50.1	1.962	2.923	7.5	19.8
8 29	20 35.50	+ 0 38.1	1.989	2.906	10.1	20.0
9 8	20 29.98	+ 0 18.5	2.040	2.889	12.8	20.1

522428 2016 CQ_{314} 8 3.7 158°.05 1°.2/ 2.9 17

6 30	21 21.96	−16 32.5	1.459	2.336	16.0	21.4
7 10	21 17.14	−17 24.8	1.394	2.338	12.0	21.2
7 20	21 9.69	−18 28.7	1.349	2.340	7.3	20.9
7 30	21 0.40	−19 37.8	1.329	2.342	2.4	20.6
8 9	20 50.43	−20 44.5	1.335	2.343	3.4	20.7
8 19	20 41.10	−21 42.0	1.366	2.345	8.3	21.0
8 29	20 33.64	−22 25.6	1.421	2.346	12.8	21.3
9 8	20 28.91	−22 53.6	1.497	2.347	16.6	21.5

68238 2001 DP_{40} 8 3.7 262°.20 1°.4/ 4.7 18

6 30	21 18.23	−10 18.4	1.945	2.796	13.7	19.9
7 10	21 13.89	−10 56.7	1.855	2.782	10.5	19.6
7 20	21 7.53	−11 49.4	1.786	2.768	6.8	19.4
7 30	20 59.69	−12 53.5	1.744	2.753	2.8	19.1
8 9	20 51.19	−14 4.1	1.729	2.739	2.3	19.0
8 19	20 42.97	−15 15.6	1.741	2.724	6.4	19.3
8 29	20 35.98	−16 22.4	1.779	2.708	10.3	19.5
9 8	20 31.00	−17 20.5	1.840	2.693	13.8	19.7

477729 2010 TP_{12} 8 3.7 178°.53 8°.5/13.8 18

6 30	21 16.04	+16 39.8	2.994	3.664	13.3	22.0
7 10	21 11.53	+17 4.3	2.909	3.666	11.9	21.9
7 20	21 5.73	+17 9.4	2.841	3.667	10.5	21.8
7 30	20 59.03	+16 53.1	2.795	3.667	9.3	21.7
8 9	20 52.00	+16 15.5	2.773	3.667	8.6	21.6
8 19	20 45.21	+15 18.4	2.775	3.667	8.6	21.6
8 29	20 39.25	+14 5.2	2.803	3.666	9.4	21.7
9 8	20 34.60	+12 41.0	2.854	3.665	10.6	21.8

266579 2008 HA_{14} 8 3.7 25°.52 0°.7/ 3.4 17

6 30	21 20.11	−17 30.8	1.158	2.053	18.0	20.1
7 10	21 16.03	−17 43.9	1.108	2.061	13.4	19.9
7 20	21 9.06	−18 6.7	1.078	2.071	8.2	19.6
7 30	21 0.17	−18 33.7	1.069	2.082	2.6	19.3
8 9	20 50.77	−18 59.0	1.084	2.094	3.3	19.4
8 19	20 42.35	−19 17.4	1.121	2.106	8.7	19.8
8 29	20 36.18	−19 26.0	1.181	2.120	13.5	20.1
9 8	20 33.05	−19 23.7	1.260	2.134	17.6	20.4

357750 2005 SK_{71} 8 3.7 293°.73 5°.1/31.2 18

6 30	21 22.15	−30 43.3	2.082	2.955	12.1	21.4
7 10	21 16.75	−31 25.3	2.011	2.948	9.3	21.2
7 20	21 9.21	−32 4.1	1.964	2.941	6.6	21.0
7 30	21 0.20	−32 33.6	1.942	2.934	5.1	20.9
8 9	20 50.69	−32 49.3	1.946	2.928	6.1	21.0
8 19	20 41.71	−32 48.3	1.977	2.921	8.7	21.1
8 29	20 34.26	−32 30.6	2.033	2.915	11.6	21.3
9 8	20 29.06	−31 58.0	2.109	2.908	14.2	21.4

46146 2001 FP_{64} 8 3.7 119°.74 0°.9/ 4.3 18

6 30	21 19.66	−12 19.5	2.019	2.872	13.2	19.9
7 10	21 14.66	−12 48.2	1.952	2.882	10.0	19.7
7 20	21 7.80	−13 27.5	1.908	2.891	6.3	19.5
7 30	20 59.72	−14 13.9	1.890	2.901	2.4	19.3
8 9	20 51.25	−15 3.2	1.900	2.910	2.1	19.3
8 19	20 43.26	−15 51.0	1.937	2.919	5.9	19.5
8 29	20 36.59	−16 33.6	2.001	2.928	9.5	19.8
9 8	20 31.88	−17 8.3	2.088	2.936	12.6	20.0

509544 2008 AD_{89} 8 3.7 212.°98 2.°3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.48	−10 42.4	2.298	3.136	12.3	21.8
7 10	21 15.86	−10 22.6	2.214	3.132	9.5	21.6
7 20	21 8.51	−10 11.0	2.153	3.127	6.4	21.4
7 30	20 59.96	−10 6.6	2.118	3.123	3.2	21.2
8 9	20 50.99	−10 7.9	2.112	3.118	2.7	21.2
8 19	20 42.38	−10 12.8	2.134	3.113	5.7	21.4
8 29	20 34.95	−10 19.1	2.183	3.108	8.9	21.6
9 8	20 29.29	−10 24.8	2.256	3.103	11.8	21.7

184971 2005 XJ_{92} 8 3.7 1.°28 4.°3/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.12	−26 28.5	2.004	2.884	12.2	19.3
7 10	21 13.79	−27 38.1	1.939	2.883	9.1	19.1
7 20	21 7.42	−28 48.8	1.898	2.883	6.1	19.0
7 30	20 59.64	−29 54.2	1.883	2.883	4.3	18.9
8 9	20 51.35	−30 48.0	1.895	2.883	5.6	18.9
8 19	20 43.54	−31 26.3	1.933	2.884	8.4	19.1
8 29	20 37.14	−31 47.1	1.995	2.885	11.4	19.3
9 8	20 32.85	−31 50.9	2.079	2.886	14.1	19.5

90570 2004 GO_{15} 8 3.7 177.°98 6.°3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.99	+ 4 2.7	1.165	1.991	22.5	19.8
7 10	21 16.96	+ 2 46.7	1.093	1.992	18.5	19.5
7 20	21 9.90	+ 0 46.9	1.036	1.993	13.7	19.3
7 30	21 0.57	− 1 55.1	1.002	1.993	8.8	19.0
8 9	20 50.24	− 5 8.7	0.991	1.993	6.3	18.9
8 19	20 40.47	− 8 36.7	1.007	1.993	9.3	19.0
8 29	20 32.78	−11 59.3	1.048	1.992	14.2	19.3
9 8	20 28.26	−15 1.0	1.111	1.991	19.0	19.6

315292 2007 TM_{148} 8 3.7 332.°20 0.°1/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.24	−14 27.2	1.084	1.983	18.7	20.0
7 10	21 13.65	−15 5.0	1.015	1.970	14.2	19.7
7 20	21 7.97	−16 0.7	0.964	1.958	8.8	19.4
7 30	20 59.96	−17 8.9	0.934	1.947	2.9	19.0
8 9	20 50.94	−18 20.8	0.926	1.937	3.4	19.0
8 19	20 42.51	−19 27.0	0.940	1.928	9.5	19.3
8 29	20 36.27	−20 20.0	0.976	1.919	15.1	19.6
9 8	20 33.30	−20 55.6	1.029	1.912	19.9	19.9

446947 2003 HH_{50} 8 3.7 16.°65 1.°1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.02	−16 9.0	1.936	2.807	12.9	20.4
7 10	21 12.16	−17 16.7	1.867	2.810	9.6	20.2
7 20	21 6.39	−18 34.4	1.822	2.812	5.8	20.0
7 30	20 59.31	−19 56.6	1.803	2.815	1.9	19.8
8 9	20 51.74	−21 16.9	1.811	2.819	2.8	19.8
8 19	20 44.59	−22 29.5	1.847	2.822	6.7	20.1
8 29	20 38.74	−23 29.9	1.908	2.826	10.4	20.3
9 8	20 34.86	−24 15.9	1.991	2.831	13.5	20.5

179502 2002 CX_{98} 8 3.7 22.°03 4.°0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.75	−27 39.2	1.941	2.817	12.7	19.2
7 10	21 16.41	−28 6.0	1.879	2.820	9.6	19.1
7 20	21 8.95	−28 30.9	1.840	2.824	6.3	18.9
7 30	21 0.11	−28 48.8	1.826	2.828	4.1	18.7
8 9	20 50.88	−28 55.3	1.839	2.833	5.1	18.8
8 19	20 42.30	−28 48.3	1.878	2.837	8.0	19.0
8 29	20 35.33	−28 27.7	1.942	2.842	11.2	19.2
9 8	20 30.61	−27 55.1	2.028	2.848	14.0	19.4

510054 2010 FK_{69} 8 3.7 324.°69 5.°5/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.30	−31 45.7	1.747	2.620	14.0	20.1
7 10	21 20.93	−31 55.3	1.673	2.609	10.9	19.9
7 20	21 11.91	−31 58.2	1.621	2.599	7.7	19.7
7 30	21 1.11	−31 48.3	1.593	2.589	5.6	19.5
8 9	20 49.76	−31 21.4	1.592	2.580	6.5	19.6
8 19	20 39.20	−30 36.3	1.617	2.571	9.5	19.7
8 29	20 30.63	−29 35.0	1.666	2.563	12.9	19.9
9 8	20 24.84	−28 21.4	1.737	2.555	16.0	20.1

207638 2006 TJ_{32} 8 3.7 20.°00 1.°3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.58	−20 46.2	2.814	3.679	9.5	20.3
7 10	21 11.26	−21 13.4	2.742	3.681	7.0	20.1
7 20	21 5.58	−21 43.3	2.694	3.683	4.3	20.0
7 30	20 59.01	−22 12.9	2.674	3.685	1.7	19.8
8 9	20 52.14	−22 39.4	2.682	3.687	2.4	19.8
8 19	20 45.60	−23 0.2	2.718	3.689	5.2	20.0
8 29	20 39.99	−23 13.9	2.781	3.692	7.8	20.2
9 8	20 35.79	−23 19.6	2.868	3.694	10.2	20.4

258611 2002 CJ_{302} 8 3.7 262.°50 1.°9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.14	−17 32.7	1.443	2.324	15.9	20.4
7 10	21 16.76	−18 34.8	1.367	2.314	11.9	20.1
7 20	21 9.64	−19 49.5	1.311	2.303	7.3	19.8
7 30	21 0.47	−21 10.0	1.280	2.292	2.6	19.5
8 9	20 50.39	−22 27.5	1.274	2.281	4.0	19.6
8 19	20 40.79	−23 34.2	1.294	2.270	8.9	19.8
8 29	20 33.01	−24 24.6	1.337	2.259	13.6	20.1
9 8	20 28.05	−24 56.8	1.400	2.248	17.6	20.3

260135 2004 PN_{114} 8 3.7 307.°19 8.°9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.08	−41 59.3	2.059	2.914	12.9	20.3
7 10	21 20.09	−42 57.0	1.991	2.899	10.9	20.2
7 20	21 11.45	−43 43.5	1.945	2.884	9.4	20.1
7 30	21 0.98	−44 11.0	1.923	2.870	9.0	20.0
8 9	20 49.89	−44 13.9	1.926	2.856	9.9	20.0
8 19	20 39.50	−43 50.3	1.952	2.841	11.8	20.1
8 29	20 31.04	−43 2.0	2.000	2.828	14.0	20.3
9 8	20 25.33	−41 53.4	2.068	2.814	16.1	20.4

157432 2004 TM_{344} 8 3.7 264.°68 1.°9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.78	− 9 34.0	2.526	3.363	11.3	20.5
7 10	21 12.34	− 9 43.6	2.431	3.349	8.8	20.4
7 20	21 6.37	−10 3.1	2.360	3.335	5.9	20.1
7 30	20 59.30	−10 31.1	2.314	3.320	2.9	19.9
8 9	20 51.78	−11 4.9	2.297	3.305	2.3	19.9
8 19	20 44.48	−11 41.7	2.308	3.290	5.1	20.0
8 29	20 38.13	−12 18.3	2.347	3.275	8.3	20.2
9 8	20 33.29	−12 51.8	2.410	3.259	11.1	20.4

24511 2001 BM_{33} 8 3.7 317.°19 0.°6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.35	−13 55.0	1.147	2.041	18.2	18.1
7 10	21 13.86	−14 14.6	1.059	2.011	14.0	17.7
7 20	21 8.26	−14 51.7	0.989	1.981	9.0	17.4
7 30	21 0.14	−15 42.8	0.940	1.952	3.1	16.9
8 9	20 50.69	−16 41.4	0.913	1.924	3.2	16.8
8 19	20 41.48	−17 39.2	0.908	1.897	9.5	17.1
8 29	20 34.23	−18 28.7	0.924	1.870	15.5	17.3
9 8	20 30.28	−19 4.5	0.958	1.845	20.7	17.6

95336 2002 CM_{122} 8 3.7 113.°84 1.°1/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.37	−13 46.3	1.874	2.728	14.0	20.0
7 10	21 17.49	−13 43.7	1.809	2.740	10.6	19.8
7 20	21 9.57	−13 49.5	1.768	2.751	6.7	19.6
7 30	21 0.32	−14 1.3	1.752	2.762	2.6	19.4
8 9	20 50.70	−14 15.9	1.763	2.773	2.3	19.4
8 19	20 41.70	−14 30.4	1.802	2.784	6.3	19.7
8 29	20 34.24	−14 42.1	1.867	2.794	10.1	19.9
9 8	20 28.96	−14 49.2	1.955	2.804	13.3	20.2

383892 2008 SK_{6} 8 3.7 345.°51 0.°6/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.28	−13 3.6	1.357	2.240	16.6	20.2
7 10	21 13.06	−13 36.0	1.287	2.233	12.6	19.9
7 20	21 7.29	−14 24.0	1.237	2.227	7.9	19.7
7 30	20 59.68	−15 23.1	1.209	2.221	2.8	19.3
8 9	20 51.35	−16 26.8	1.206	2.217	2.7	19.3
8 19	20 43.56	−17 27.8	1.227	2.213	7.9	19.6
8 29	20 37.56	−18 20.0	1.271	2.210	12.7	19.9
9 8	20 34.22	−18 59.5	1.335	2.208	16.8	20.1

505790 2015 BP_{301} 8 3.7 254.°84 0.°4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.60	−15 20.8	1.757	2.621	14.3	21.8
7 10	21 16.72	−16 3.0	1.666	2.604	10.8	21.6
7 20	21 9.47	−16 56.9	1.598	2.586	6.7	21.3
7 30	21 0.41	−17 58.1	1.555	2.567	2.1	21.0
8 9	20 50.51	−19 0.5	1.539	2.548	2.7	21.0
8 19	20 40.89	−19 58.0	1.549	2.528	7.4	21.2
8 29	20 32.74	−20 45.8	1.585	2.508	11.8	21.4
9 8	20 26.95	−21 21.3	1.643	2.488	15.6	21.6

195460 2002 GA_{103} 8 3.7 151.°35 1.°7/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.68	−10 37.3	2.058	2.902	13.3	21.3
7 10	21 15.42	−10 50.9	1.986	2.909	10.2	21.1
7 20	21 8.30	−11 15.4	1.936	2.914	6.6	20.9
7 30	20 59.94	−11 48.6	1.912	2.920	3.0	20.6
8 9	20 51.15	−12 27.0	1.916	2.925	2.4	20.6
8 19	20 42.82	−13 6.6	1.948	2.930	5.9	20.8
8 29	20 35.79	−13 43.9	2.006	2.934	9.4	21.1
9 8	20 30.69	−14 15.9	2.088	2.938	12.5	21.3

254182 2004 RM_{19} 8 3.7 297.°81 2.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.63	− 6 48.7	2.182	3.019	12.9	20.5
7 10	21 11.69	− 7 11.7	2.095	3.011	10.1	20.3
7 20	21 6.06	− 7 49.1	2.031	3.002	6.9	20.0
7 30	20 59.23	− 8 38.8	1.992	2.994	3.8	19.8
8 9	20 51.92	− 9 37.6	1.980	2.986	2.9	19.8
8 19	20 44.90	−10 40.9	1.995	2.978	5.7	19.9
8 29	20 38.95	−11 44.0	2.037	2.970	9.0	20.1
9 8	20 34.70	−12 42.7	2.103	2.962	12.1	20.3

232192 2002 FP_{37} 8 3.7 231.°87 5.°3/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.68	−28 36.3	1.893	2.769	12.9	20.4
7 10	21 17.43	−29 47.5	1.822	2.762	9.9	20.2
7 20	21 9.81	−30 58.5	1.775	2.756	6.9	20.0
7 30	21 0.49	−32 1.8	1.754	2.749	5.3	19.9
8 9	20 50.50	−32 50.6	1.759	2.741	6.5	19.9
8 19	20 41.01	−33 20.6	1.790	2.734	9.5	20.1
8 29	20 33.14	−33 30.3	1.845	2.726	12.6	20.3
9 8	20 27.71	−33 21.5	1.920	2.718	15.5	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
404753 2014 JF_{35}			8 3.7	22.°59	0.°0/ 3.4	18
	h m	° ′			°	m
6 30	21 16.55	−14 38.2	1.882	2.750	13.4	20.9
7 10	21 12.54	−15 15.1	1.816	2.755	10.0	20.7
7 20	21 6.62	−16 1.9	1.772	2.760	6.1	20.5
7 30	20 59.41	−16 54.6	1.753	2.765	2.0	20.3
8 9	20 51.77	−17 48.1	1.761	2.771	2.2	20.3
8 19	20 44.60	−18 37.7	1.795	2.777	6.3	20.6
8 29	20 38.78	−19 19.4	1.855	2.783	10.1	20.8
9 8	20 34.96	−19 51.0	1.938	2.790	13.3	21.0
91160 1998 QJ_{74}			8 3.7	291.°46	0.°8/ 3.2	18
6 30	21 21.77	−20 7.2	2.259	3.121	11.7	19.5
7 10	21 16.16	−20 2.7	2.178	3.115	8.7	19.3
7 20	21 8.73	−20 0.6	2.121	3.109	5.3	19.0
7 30	21 0.08	−19 58.2	2.091	3.103	1.8	18.8
8 9	20 51.02	−19 53.0	2.089	3.097	2.4	18.8
8 19	20 42.40	−19 43.2	2.115	3.092	5.9	19.0
8 29	20 35.05	−19 27.8	2.168	3.086	9.3	19.2
9 8	20 29.59	−19 6.7	2.244	3.081	12.3	19.4
370910 2005 GY_{225}			8 3.7	110.°79	0.°6/ 4.1	17
6 30	21 23.24	−13 37.8	1.585	2.448	15.7	21.5
7 10	21 17.75	−14 3.4	1.526	2.461	11.8	21.3
7 20	21 9.90	−14 40.5	1.488	2.474	7.3	21.1
7 30	21 0.50	−15 25.0	1.475	2.486	2.6	20.8
8 9	20 50.63	−16 11.2	1.488	2.498	2.5	20.8
8 19	20 41.48	−16 54.1	1.528	2.510	7.1	21.1
8 29	20 34.10	−17 29.5	1.592	2.521	11.3	21.4
9 8	20 29.21	−17 55.3	1.679	2.532	14.9	21.7
19643 Jacobrucker			8 3.7	201.°93	0.°1/ 3.8	18
6 30	21 17.92	−15 10.9	2.634	3.485	10.5	19.6
7 10	21 13.09	−15 33.8	2.552	3.482	7.9	19.4
7 20	21 6.79	−16 3.1	2.494	3.479	4.9	19.2
7 30	20 59.47	−16 36.2	2.464	3.475	1.6	19.0
8 9	20 51.77	−17 10.1	2.462	3.472	1.7	19.0
8 19	20 44.37	−17 41.8	2.489	3.467	5.0	19.2
8 29	20 37.95	−18 8.8	2.543	3.463	8.0	19.4
9 8	20 33.05	−18 29.5	2.622	3.458	10.7	19.6
360181 2013 CR_{137}			8 3.7	153.°19	2.°8/ 1.9	18
6 30	21 21.91	−24 56.3	2.201	3.070	11.7	20.6
7 10	21 16.33	−25 16.9	2.131	3.070	8.7	20.4
7 20	21 8.86	−25 37.5	2.085	3.071	5.5	20.2
7 30	21 0.14	−25 54.0	2.065	3.071	3.0	20.0
8 9	20 51.03	−26 2.8	2.072	3.072	3.9	20.1
8 19	20 42.45	−26 1.5	2.108	3.072	6.9	20.3
8 29	20 35.23	−25 49.5	2.169	3.073	10.0	20.5
9 8	20 30.02	−25 27.4	2.253	3.073	12.8	20.7
269068 2007 GD_{46}			8 3.7	69.°57	2.°5/ 5.3	17
6 30	21 20.93	− 9 10.4	1.590	2.444	16.1	20.4
7 10	21 15.91	− 9 24.5	1.537	2.464	12.3	20.2
7 20	21 8.71	− 9 53.6	1.505	2.484	8.1	20.0
7 30	21 0.11	−10 34.8	1.497	2.504	3.9	19.8
8 9	20 51.16	−11 23.1	1.516	2.524	3.0	19.8
8 19	20 42.93	−12 13.3	1.560	2.544	6.8	20.1
8 29	20 36.39	−13 0.4	1.629	2.564	10.7	20.4
9 8	20 32.19	−13 40.6	1.721	2.584	14.2	20.6
174066 2002 EH_{34}			8 3.7	40.°16	3.°9/ 1.9	18
6 30	21 22.64	−22 42.2	1.083	1.985	18.4	19.1
7 10	21 18.15	−23 29.9	1.042	1.999	13.7	18.9
7 20	21 10.48	−24 22.0	1.020	2.014	8.5	18.6
7 30	21 0.73	−25 9.5	1.020	2.029	4.3	18.5
8 9	20 50.51	−25 44.1	1.042	2.046	5.7	18.6
8 19	20 41.48	−26 0.8	1.087	2.063	10.4	18.9
8 29	20 35.01	−25 58.6	1.154	2.080	14.9	19.2
9 8	20 31.87	−25 39.6	1.238	2.098	18.7	19.5
342121 2008 SJ_{104}			8 3.7	292.°24	3.°4/ 1.7	18
6 30	21 21.73	−23 47.3	1.673	2.554	14.1	20.7
7 10	21 16.99	−24 27.0	1.590	2.536	10.6	20.4
7 20	21 9.70	−25 10.3	1.530	2.519	6.8	20.1
7 30	21 0.54	−25 50.9	1.494	2.502	3.7	19.9
8 9	20 50.58	−26 22.6	1.484	2.485	4.9	19.9
8 19	20 41.06	−26 40.7	1.500	2.468	8.8	20.1
8 29	20 33.23	−26 43.1	1.540	2.451	12.9	20.3
9 8	20 27.98	−26 30.3	1.600	2.434	16.4	20.5
444188 2005 SN_{28}			8 3.7	259.°55	2.°8/ 1.7	18
6 30	21 21.37	−24 58.2	2.273	3.141	11.4	21.5
7 10	21 15.99	−25 23.6	2.193	3.132	8.5	21.3
7 20	21 8.71	−25 49.5	2.137	3.123	5.5	21.1
7 30	21 0.14	−26 11.6	2.107	3.113	3.0	20.9
8 9	20 51.08	−26 26.0	2.105	3.104	3.9	20.9
8 19	20 42.45	−26 30.2	2.131	3.094	6.9	21.1
8 29	20 35.10	−26 23.0	2.182	3.084	10.0	21.3
9 8	20 29.69	−26 5.1	2.256	3.074	12.8	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
309674 2008 EN_{88}			8 3.7	83.°02	1.°2/ 2.8	16
	h m	° ′			°	m
6 30	21 20.58	−19 42.5	2.176	3.041	11.9	21.3
7 10	21 15.21	−20 7.4	2.120	3.058	8.8	21.2
7 20	21 8.10	−20 36.1	2.087	3.075	5.3	21.0
7 30	20 59.89	−21 4.8	2.080	3.092	1.9	20.8
8 9	20 51.41	−21 29.8	2.102	3.109	2.6	20.9
8 19	20 43.49	−21 48.3	2.151	3.126	6.1	21.1
8 29	20 36.90	−21 58.5	2.227	3.142	9.3	21.3
9 8	20 32.19	−22 0.1	2.326	3.158	12.0	21.6
59305 1999 CD_{78}			8 3.7	263.°78	3.°1/ 5.2	18
6 30	21 23.03	− 9 58.8	1.464	2.323	17.0	18.4
7 10	21 18.11	− 9 46.3	1.380	2.309	13.3	18.1
7 20	21 10.49	− 9 48.0	1.315	2.295	8.9	17.8
7 30	21 0.83	−10 2.9	1.274	2.280	4.5	17.5
8 9	20 50.26	−10 27.8	1.258	2.266	3.7	17.4
8 19	20 40.11	−10 58.4	1.267	2.251	8.0	17.6
8 29	20 31.71	−11 29.8	1.300	2.236	12.8	17.9
9 8	20 26.05	−11 57.8	1.353	2.221	17.0	18.1
408611 2013 YO_{16}			8 3.7	246.°25	2.°0/ 4.8	17
6 30	21 21.47	−11 31.2	1.847	2.699	14.3	21.1
7 10	21 16.34	−11 26.0	1.765	2.692	11.0	20.9
7 20	21 9.07	−11 31.2	1.705	2.685	7.2	20.6
7 30	21 0.29	−11 45.4	1.669	2.677	3.3	20.4
8 9	20 50.92	−12 5.4	1.661	2.669	2.7	20.3
8 19	20 41.97	−12 27.9	1.679	2.662	6.6	20.5
8 29	20 34.43	−12 49.6	1.723	2.653	10.5	20.8
9 8	20 29.07	−13 7.5	1.789	2.645	14.0	21.0
423925 2006 SB_{397}			8 3.7	213.°32	0.°0/ 3.5	17
6 30	21 23.28	−15 33.7	1.829	2.689	14.0	22.6
7 10	21 17.76	−15 55.1	1.749	2.683	10.6	22.3
7 20	21 9.98	−16 25.5	1.691	2.677	6.6	22.1
7 30	21 0.60	−17 1.1	1.658	2.670	2.1	21.8
8 9	20 50.58	−17 37.2	1.653	2.663	2.4	21.8
8 19	20 41.01	−18 9.6	1.675	2.655	6.9	22.1
8 29	20 32.95	−18 35.0	1.723	2.646	11.0	22.3
9 8	20 27.18	−18 51.4	1.793	2.637	14.5	22.5
215558 2003 BJ_{57}			8 3.7	186.°90	0.°3/ 3.4	18
6 30	21 18.31	−15 20.5	2.434	3.288	11.2	21.1
7 10	21 13.53	−16 5.0	2.355	3.287	8.3	20.9
7 20	21 7.14	−16 57.1	2.301	3.287	5.1	20.7
7 30	20 59.63	−17 53.6	2.273	3.286	1.6	20.5
8 9	20 51.70	−18 49.9	2.275	3.284	2.0	20.5
8 19	20 44.08	−19 42.3	2.305	3.282	5.5	20.7
8 29	20 37.52	−20 27.4	2.363	3.280	8.7	20.9
9 8	20 32.61	−21 3.2	2.444	3.278	11.5	21.1
318649 2005 MW_{37}			8 3.7	29.°01	0.°3/ 3.9	17
6 30	21 16.62	−12 41.2	1.066	1.961	19.2	20.0
7 10	21 13.59	−13 31.9	1.022	1.974	14.4	19.7
7 20	21 7.68	−14 40.9	0.996	1.989	8.9	19.5
7 30	20 59.85	−16 1.1	0.992	2.005	3.0	19.2
8 9	20 51.51	−17 22.8	1.011	2.022	3.1	19.3
8 19	20 44.11	−18 36.7	1.052	2.040	8.7	19.7
8 29	20 38.94	−19 36.1	1.116	2.059	13.7	20.0
9 8	20 36.76	−20 17.8	1.198	2.079	17.8	20.3
383974 2008 TA_{92}			8 3.7	262.°51	3.°9/ 2.2	18
6 30	21 30.90	−28 20.5	1.835	2.699	13.8	20.4
7 10	21 23.52	−28 17.2	1.753	2.688	10.6	20.1
7 20	21 13.52	−28 9.3	1.695	2.677	7.0	19.9
7 30	21 1.74	−27 51.7	1.662	2.666	4.1	19.7
8 9	20 49.37	−27 20.6	1.657	2.654	4.9	19.7
8 19	20 37.73	−26 35.2	1.680	2.643	8.4	19.9
8 29	20 28.00	−25 37.1	1.728	2.631	12.2	20.1
9 8	20 21.01	−24 29.6	1.799	2.620	15.5	20.3
106544 2000 WJ_{68}			8 3.7	215.°96	1.°2/ 4.3	18
6 30	21 24.42	−13 41.1	1.647	2.507	15.4	19.9
7 10	21 18.79	−13 42.3	1.569	2.502	11.7	19.7
7 20	21 10.70	−13 53.7	1.512	2.496	7.5	19.4
7 30	21 0.86	−14 12.6	1.480	2.490	2.9	19.1
8 9	20 50.33	−14 35.0	1.474	2.484	2.6	19.1
8 19	20 40.32	−14 57.0	1.495	2.477	7.2	19.4
8 29	20 32.00	−15 15.3	1.540	2.470	11.6	19.6
9 8	20 26.19	−15 27.4	1.608	2.462	15.4	19.8
128492 2004 PH_{15}			8 3.7	16.°16	0.°9/ 2.9	18
6 30	21 16.46	−16 4.2	2.022	2.890	12.6	19.6
7 10	21 12.45	−17 3.6	1.952	2.892	9.3	19.4
7 20	21 6.60	−18 12.4	1.904	2.894	5.7	19.2
7 30	20 59.48	−19 25.7	1.883	2.896	1.8	18.9
8 9	20 51.89	−20 37.6	1.890	2.898	2.6	19.0
8 19	20 44.70	−21 42.9	1.924	2.900	6.4	19.2
8 29	20 38.75	−22 37.5	1.983	2.903	10.0	19.4
9 8	20 34.70	−23 19.2	2.066	2.906	13.0	19.7

106394 2000 VG_{24} 8 3.7 193°.77 0°.5/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.45	−17 31.3	2.892	3.743	9.7	20.4
7 10	21 13.40	−17 58.9	2.809	3.741	7.2	20.2
7 20	21 6.96	−18 31.1	2.752	3.738	4.4	20.0
7 30	20 59.58	−19 5.2	2.723	3.735	1.4	19.8
8 9	20 51.84	−19 38.2	2.723	3.731	1.9	19.9
8 19	20 44.39	−20 7.4	2.752	3.727	4.9	20.1
8 29	20 37.85	−20 30.8	2.809	3.722	7.6	20.2
9 8	20 32.71	−20 47.2	2.891	3.717	10.1	20.4

164764 1998 XK_{1} 8 3.7 289°.28 2°.1/ 2.2 18

6 30	21 19.63	−20 17.9	1.854	2.729	13.2	20.2
7 10	21 15.21	−21 2.4	1.765	2.709	9.9	19.9
7 20	21 8.54	−21 53.7	1.698	2.688	6.1	19.7
7 30	21 0.20	−22 46.8	1.656	2.667	2.6	19.4
8 9	20 51.09	−23 35.7	1.642	2.647	3.7	19.4
8 19	20 42.28	−24 15.4	1.653	2.626	7.7	19.6
8 29	20 34.86	−24 42.4	1.690	2.605	11.7	19.8
9 8	20 29.70	−24 55.5	1.748	2.584	15.2	20.0

77138 Puiching 8 3.7 77°.48 0°.7/ 3.3 17

6 30	21 23.06	−16 7.0	1.428	2.304	16.4	19.4
7 10	21 17.80	−16 48.2	1.379	2.322	12.2	19.2
7 20	21 10.02	−17 39.7	1.351	2.341	7.4	18.9
7 30	21 0.60	−18 35.6	1.346	2.359	2.3	18.7
8 9	20 50.77	−19 28.9	1.368	2.377	3.0	18.8
8 19	20 41.79	−20 13.9	1.415	2.395	7.8	19.1
8 29	20 34.79	−20 47.0	1.486	2.413	12.1	19.4
9 8	20 30.48	−21 7.0	1.577	2.431	15.7	19.7

512630 2016 TN_{44} 8 3.7 7°.60 2°.0/ 5.1 17

6 30	21 18.12	−10 19.5	1.764	2.621	14.6	21.0
7 10	21 13.86	−10 31.1	1.692	2.621	11.2	20.8
7 20	21 7.55	−10 55.9	1.641	2.622	7.4	20.6
7 30	20 59.82	−11 31.4	1.615	2.622	3.4	20.4
8 9	20 51.58	−12 13.7	1.614	2.623	2.7	20.3
8 19	20 43.81	−12 58.2	1.640	2.625	6.5	20.6
8 29	20 37.47	−13 40.3	1.692	2.626	10.4	20.8
9 8	20 33.26	−14 16.5	1.765	2.628	13.9	21.0

233863 2008 VN_{42} 8 3.7 50°.82 0°.2/ 3.6 18

6 30	21 19.23	−15 8.6	1.679	2.550	14.6	20.7
7 10	21 14.78	−15 47.0	1.615	2.555	10.9	20.5
7 20	21 8.15	−16 35.9	1.571	2.560	6.7	20.2
7 30	21 0.02	−17 30.8	1.553	2.565	2.1	19.9
8 9	20 51.38	−18 25.8	1.561	2.571	2.5	20.0
8 19	20 43.29	−19 15.5	1.595	2.576	7.0	20.3
8 29	20 36.78	−19 55.8	1.654	2.582	11.1	20.5
9 8	20 32.55	−20 24.6	1.735	2.588	14.5	20.8

505595 2014 DS_{8} 8 3.7 244°.97 0°.3/ 3.9 18

6 30	21 23.15	−16 0.1	1.936	2.794	13.5	21.5
7 10	21 17.58	−16 0.9	1.850	2.784	10.2	21.3
7 20	21 9.85	−16 8.6	1.787	2.772	6.4	21.1
7 30	21 0.59	−16 20.2	1.749	2.761	2.2	20.8
8 9	20 50.71	−16 32.6	1.739	2.749	2.3	20.8
8 19	20 41.23	−16 42.8	1.756	2.737	6.5	21.0
8 29	20 33.17	−16 48.4	1.799	2.724	10.5	21.2
9 8	20 27.30	−16 48.1	1.865	2.711	14.0	21.4

41189 1999 VE_{201} 8 3.7 268°.61 1°.7/ 5.4 18

6 30	21 15.91	− 7 22.0	2.328	3.163	12.3	18.8
7 10	21 11.85	− 8 20.5	2.242	3.159	9.5	18.6
7 20	21 6.17	− 9 33.8	2.180	3.155	6.3	18.4
7 30	20 59.36	−10 59.0	2.144	3.151	2.9	18.2
8 9	20 52.08	−12 31.1	2.138	3.147	2.2	18.1
8 19	20 45.07	−14 4.4	2.160	3.143	5.3	18.3
8 29	20 39.06	−15 33.5	2.210	3.139	8.7	18.5
9 8	20 34.66	−16 54.1	2.285	3.134	11.6	18.7

423312 2005 EP_{233} 8 3.7 107°.75 6°.6/30.9 17

6 30	21 25.50	−29 31.9	1.453	2.339	15.6	20.6
7 10	21 20.03	−30 45.7	1.399	2.343	12.0	20.4
7 20	21 11.62	−31 57.4	1.367	2.348	8.5	20.2
7 30	21 1.18	−32 57.2	1.358	2.352	6.6	20.1
8 9	20 50.10	−33 36.9	1.374	2.357	7.9	20.2
8 19	20 39.90	−33 52.4	1.414	2.361	11.2	20.4
8 29	20 31.93	−33 43.8	1.476	2.365	14.7	20.6
9 8	20 27.05	−33 14.8	1.558	2.370	17.9	20.9

53732 2000 EZ_{40} 8 3.7 138°.96 0°.8/ 3.2 18

6 30	21 23.50	−17 34.8	1.810	2.674	14.0	20.3
7 10	21 17.80	−18 5.4	1.745	2.683	10.4	20.1
7 20	21 9.92	−18 43.1	1.704	2.692	6.3	19.9
7 30	21 0.58	−19 23.3	1.688	2.700	2.1	19.6
8 9	20 50.78	−20 0.9	1.699	2.707	2.7	19.7
8 19	20 41.59	−20 31.8	1.737	2.715	6.9	20.0
8 29	20 34.00	−20 53.3	1.801	2.721	10.8	20.2
9 8	20 28.71	−21 4.4	1.887	2.727	14.1	20.5

361015 2005 VU_{126} 8 3.7 175°.05 3°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.80	− 3 11.5	2.454	3.267	12.4	21.5
7 10	21 12.34	− 3 19.9	2.372	3.268	9.9	21.3
7 20	21 6.39	− 3 42.4	2.313	3.269	7.2	21.1
7 30	20 59.41	− 4 18.0	2.279	3.269	4.7	21.0
8 9	20 52.06	− 5 4.2	2.272	3.270	3.8	20.9
8 19	20 45.00	− 5 57.7	2.294	3.270	5.6	21.0
8 29	20 38.94	− 6 54.4	2.342	3.270	8.3	21.2
9 8	20 34.40	− 7 50.3	2.416	3.270	10.9	21.4

395271 2010 TJ_{84} 8 3.7 20°.11 1°.2/ 2.9 16

6 30	21 17.95	−18 32.1	1.684	2.564	14.1	20.9
7 10	21 13.81	−19 1.3	1.624	2.570	10.5	20.7
7 20	21 7.53	−19 37.3	1.585	2.576	6.4	20.4
7 30	20 59.81	−20 15.3	1.571	2.583	2.2	20.2
8 9	20 51.66	−20 50.3	1.583	2.591	3.0	20.3
8 19	20 44.11	−21 18.2	1.621	2.600	7.2	20.5
8 29	20 38.14	−21 36.0	1.683	2.609	11.0	20.8
9 8	20 34.42	−21 42.9	1.767	2.619	14.4	21.0

113946 2002 TE_{298} 8 3.7 24°.83 0°.9/ 3.3 18 R

6 30	21 20.59	−18 35.1	1.543	2.423	15.1	19.0
7 10	21 15.92	−18 46.4	1.484	2.429	11.3	18.8
7 20	21 8.88	−19 3.9	1.445	2.436	6.9	18.5
7 30	21 0.26	−19 23.6	1.431	2.443	2.2	18.3
8 9	20 51.19	−19 40.8	1.442	2.451	2.9	18.3
8 19	20 42.83	−19 51.8	1.478	2.460	7.5	18.6
8 29	20 36.26	−19 54.6	1.539	2.468	11.6	18.9
9 8	20 32.18	−19 48.5	1.621	2.478	15.2	19.2

213541 2002 JL_{75} 8 3.7 23°.42 1°.9/ 2.7 17

6 30	21 18.08	−17 16.3	1.090	1.991	18.4	19.6
7 10	21 14.83	−18 14.0	1.040	1.997	13.7	19.4
7 20	21 8.57	−19 24.8	1.010	2.005	8.3	19.1
7 30	21 0.22	−20 40.4	1.000	2.013	2.9	18.8
8 9	20 51.24	−21 51.0	1.014	2.023	4.2	18.9
8 19	20 43.16	−22 48.2	1.051	2.033	9.6	19.3
8 29	20 37.37	−23 27.2	1.108	2.044	14.5	19.6
9 8	20 34.72	−23 46.8	1.185	2.056	18.6	19.9

481602 2007 TN_{335} 8 3.7 320°.12 1°.8/ 2.6 18

6 30	21 19.61	−20 5.5	1.712	2.590	14.0	21.3
7 10	21 15.21	−20 36.1	1.636	2.582	10.4	21.1
7 20	21 8.52	−21 12.6	1.582	2.573	6.4	20.8
7 30	21 0.19	−21 50.2	1.554	2.565	2.5	20.6
8 9	20 51.25	−22 23.4	1.551	2.557	3.5	20.6
8 19	20 42.78	−22 47.9	1.574	2.550	7.7	20.9
8 29	20 35.89	−23 1.1	1.621	2.543	11.7	21.1
9 8	20 31.36	−23 2.2	1.690	2.536	15.2	21.3

70101 1999 JD_{122} 8 3.7 48°.13 3°.5/ 1.8 18

6 30	21 21.97	−21 10.7	1.183	2.079	17.6	18.6
7 10	21 17.57	−22 14.6	1.136	2.091	13.1	18.3
7 20	21 10.17	−23 25.5	1.109	2.103	8.1	18.1
7 30	21 0.73	−24 34.5	1.105	2.115	3.9	17.9
8 9	20 50.74	−25 32.0	1.124	2.128	5.4	18.0
8 19	20 41.72	−26 11.8	1.167	2.141	10.0	18.3
8 29	20 35.05	−26 31.4	1.231	2.154	14.5	18.6
9 8	20 31.53	−26 31.8	1.315	2.168	18.3	18.9

321444 2009 QZ_{57} 8 3.7 325°.76 2°.1/ 2.3 18

6 30	21 18.80	−21 56.6	2.050	2.924	12.2	20.4
7 10	21 14.26	−22 22.2	1.972	2.915	9.1	20.2
7 20	21 7.77	−22 50.8	1.918	2.907	5.6	20.0
7 30	20 59.93	−23 18.5	1.889	2.899	2.5	19.8
8 9	20 51.59	−23 40.9	1.887	2.891	3.4	19.8
8 19	20 43.68	−23 54.8	1.912	2.884	6.9	20.0
8 29	20 37.09	−23 58.5	1.963	2.877	10.3	20.2
9 8	20 32.51	−23 51.7	2.035	2.871	13.4	20.4

127924 2003 GO_{47} 8 3.7 264°.68 0°.7/ 4.1 17

6 30	21 21.52	−12 50.9	1.400	2.272	16.9	20.6
7 10	21 17.15	−13 22.1	1.320	2.259	12.9	20.3
7 20	21 10.01	−14 9.2	1.259	2.247	8.2	20.0
7 30	21 0.78	−15 8.1	1.223	2.234	2.9	19.7
8 9	20 50.61	−16 12.2	1.211	2.221	2.8	19.6
8 19	20 40.87	−17 14.1	1.224	2.208	8.2	19.9
8 29	20 32.95	−18 7.7	1.261	2.195	13.2	20.2
9 8	20 27.86	−18 48.9	1.318	2.182	17.6	20.4

367047 2006 FL_{36} 8 3.7 43°.48 0°.0/ 3.5 17

6 30	21 22.78	−15 47.3	1.006	1.902	20.0	20.3
7 10	21 18.20	−16 6.3	0.970	1.923	14.9	20.1
7 20	21 10.49	−16 38.1	0.952	1.945	9.1	19.8
7 30	21 0.81	−17 16.5	0.955	1.968	2.9	19.6
8 9	20 50.79	−17 53.8	0.980	1.991	3.3	19.7
8 19	20 42.02	−18 24.1	1.028	2.015	9.0	20.1
8 29	20 35.84	−18 43.6	1.098	2.039	14.0	20.4
9 8	20 32.93	−18 50.9	1.186	2.064	18.2	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
310489 2000 TD_{62}			8 3.7 292°.69	1°.1/ 2.8 18		
	h m	° ′			°	m
6 30	21 17.28	−17 10.3	2.066	2.934	12.3	20.5
7 10	21 13.15	−18 2.7	1.985	2.925	9.2	20.2
7 20	21 7.13	−19 3.8	1.926	2.916	5.6	20.0
7 30	20 59.75	−20 8.9	1.894	2.906	1.9	19.7
8 9	20 51.81	−21 12.6	1.890	2.897	2.7	19.8
8 19	20 44.19	−22 10.0	1.913	2.888	6.6	20.0
8 29	20 37.79	−22 57.0	1.961	2.879	10.2	20.2
9 8	20 33.29	−23 31.7	2.033	2.870	13.3	20.4
285821 2001 CB_{41}			8 3.7 114°.61	7°.1/28.9 18		
6 30	21 25.19	−35 17.0	2.077	2.942	12.4	20.4
7 10	21 19.13	−36 46.0	2.033	2.958	9.9	20.2
7 20	21 10.79	−38 8.1	2.013	2.973	7.8	20.1
7 30	21 0.91	−39 15.4	2.019	2.988	7.1	20.1
8 9	20 50.59	−40 1.9	2.052	3.002	8.1	20.2
8 19	20 40.94	−40 25.1	2.109	3.016	10.2	20.4
8 29	20 33.02	−40 25.5	2.190	3.030	12.5	20.6
9 8	20 27.54	−40 6.4	2.291	3.043	14.6	20.7
221023 2005 QK_{19}			8 3.7 205°.80	1°.1/ 3.1 18		
6 30	21 24.37	−19 11.2	1.793	2.660	14.0	20.7
7 10	21 18.61	−19 27.9	1.718	2.657	10.5	20.5
7 20	21 10.54	−19 49.9	1.665	2.654	6.4	20.2
7 30	21 0.87	−20 13.0	1.638	2.650	2.2	19.9
8 9	20 50.61	−20 32.7	1.638	2.646	2.9	20.0
8 19	20 40.90	−20 45.5	1.665	2.642	7.2	20.2
8 29	20 32.80	−20 49.5	1.717	2.637	11.2	20.5
9 8	20 27.10	−20 44.1	1.791	2.632	14.7	20.7
161265 2003 FR_{46}			8 3.7 4°.19	4°.6/ 1.9 18		
6 30	21 17.65	−23 51.4	0.880	1.800	19.8	18.5
7 10	21 15.21	−24 26.8	0.832	1.798	14.9	18.2
7 20	21 9.12	−25 6.3	0.801	1.798	9.5	17.9
7 30	21 0.49	−25 40.5	0.789	1.799	5.0	17.7
8 9	20 51.07	−26 0.2	0.798	1.803	6.6	17.8
8 19	20 42.80	−26 0.2	0.827	1.807	11.7	18.1
8 29	20 37.33	−25 39.4	0.874	1.814	16.9	18.4
9 8	20 35.58	−25 0.6	0.938	1.822	21.3	18.7
320144 2007 EY_{219}			8 3.7 227°.19	5°.9/29.0 18		R
6 30	21 23.20	−37 40.6	2.876	3.727	9.7	21.2
7 10	21 17.25	−38 34.7	2.804	3.717	7.9	21.0
7 20	21 9.49	−39 22.6	2.756	3.706	6.4	20.9
7 30	21 0.49	−39 59.1	2.734	3.695	5.9	20.9
8 9	20 51.03	−40 20.2	2.740	3.683	6.7	20.9
8 19	20 41.96	−40 24.0	2.772	3.671	8.4	21.0
8 29	20 34.10	−40 10.5	2.829	3.659	10.3	21.1
9 8	20 28.08	−39 41.6	2.908	3.646	12.1	21.3
240706 2005 GH_{61}			8 3.7 123°.49	1°.9/ 5.1 16		
6 30	21 19.04	−10 14.3	1.983	2.831	13.6	21.0
7 10	21 14.35	−10 29.1	1.910	2.835	10.4	20.8
7 20	21 7.79	−10 55.7	1.859	2.838	6.8	20.6
7 30	20 59.95	−11 31.9	1.834	2.841	3.1	20.4
8 9	20 51.67	−12 14.0	1.835	2.844	2.5	20.4
8 19	20 43.82	−12 57.8	1.864	2.848	6.0	20.6
8 29	20 37.27	−13 39.3	1.919	2.851	9.6	20.8
9 8	20 32.66	−14 15.3	1.998	2.853	12.8	21.0
368276 2002 GG_{27}			8 3.7 43°.38	4°.8/ 8.0 17		
6 30	21 17.65	+ 3 55.6	1.095	1.931	22.9	19.9
7 10	21 14.28	+ 1 47.2	1.045	1.954	18.4	19.7
7 20	21 8.13	− 1 5.1	1.013	1.977	13.0	19.5
7 30	21 0.11	− 4 33.1	1.003	2.001	7.5	19.3
8 9	20 51.56	− 8 19.5	1.020	2.026	4.8	19.2
8 19	20 43.88	−12 3.5	1.063	2.052	8.3	19.5
8 29	20 38.35	−15 26.4	1.132	2.078	13.2	19.8
9 8	20 35.75	−18 17.1	1.223	2.104	17.5	20.2
82196 2001 HU_{34}			8 3.7 36°.42	2°.9/ 2.3 18		
6 30	21 21.56	−21 5.8	1.202	2.098	17.4	18.8
7 10	21 17.20	−21 48.4	1.155	2.109	12.9	18.6
7 20	21 9.91	−22 37.2	1.127	2.121	8.0	18.4
7 30	21 0.69	−23 24.5	1.122	2.133	3.5	18.1
8 9	20 50.96	−24 2.6	1.141	2.146	4.8	18.3
8 19	20 42.21	−24 26.3	1.183	2.160	9.5	18.6
8 29	20 35.75	−24 33.6	1.247	2.174	13.9	18.9
9 8	20 32.35	−24 25.2	1.330	2.189	17.7	19.1
10423 Dajčić			8 3.7 54°.67	0°.0/ 3.5 18		
6 30	21 24.10	−16 7.6	1.163	2.049	18.6	16.8
7 10	21 19.03	−16 18.8	1.116	2.064	13.9	16.6
7 20	21 11.00	−16 41.1	1.087	2.079	8.5	16.4
7 30	21 1.03	−17 9.2	1.081	2.094	2.8	16.1
8 9	20 50.60	−17 37.1	1.099	2.109	3.1	16.1
8 19	20 41.22	−17 59.6	1.140	2.125	8.6	16.5
8 29	20 34.21	−18 13.3	1.204	2.142	13.4	16.8
9 8	20 30.33	−18 16.9	1.288	2.158	17.5	17.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
510745 2012 XZ_{29}			8 3.7 288°.30	2°.6/ 2.0 18		
	h m	° ′			°	m
6 30	21 20.49	−21 31.7	1.792	2.669	13.5	21.3
7 10	21 15.96	−22 15.1	1.706	2.651	10.1	21.0
7 20	21 9.08	−23 4.2	1.642	2.632	6.3	20.8
7 30	21 0.46	−23 53.6	1.604	2.614	2.9	20.5
8 9	20 51.08	−24 37.2	1.592	2.595	4.1	20.6
8 19	20 42.05	−25 9.9	1.606	2.576	8.1	20.7
8 29	20 34.51	−25 28.9	1.644	2.558	12.0	20.9
9 8	20 29.32	−25 33.5	1.704	2.540	15.5	21.1
289812 2005 JM_{171}			8 3.7 25°.64	3°.7/ 1.4 18		
6 30	21 20.65	−24 41.1	1.734	2.616	13.6	20.7
7 10	21 15.92	−25 28.6	1.673	2.619	10.2	20.5
7 20	21 8.91	−26 17.8	1.635	2.623	6.6	20.3
7 30	21 0.36	−27 2.6	1.621	2.627	3.8	20.1
8 9	20 51.31	−27 36.9	1.633	2.631	5.0	20.2
8 19	20 42.88	−27 57.1	1.671	2.635	8.4	20.4
8 29	20 36.12	−28 1.6	1.733	2.640	11.9	20.6
9 8	20 31.76	−27 51.2	1.816	2.645	15.0	20.8
388580 2007 RC_{82}			8 3.7 219°.08	3°.1/ 6.2 17		
6 30	21 18.04	− 5 46.6	2.020	2.853	14.0	21.2
7 10	21 13.65	− 6 9.5	1.937	2.849	11.0	21.0
7 20	21 7.42	− 6 48.4	1.877	2.846	7.6	20.8
7 30	20 59.88	− 7 41.4	1.842	2.842	4.3	20.6
8 9	20 51.81	− 8 44.7	1.833	2.839	3.3	20.5
8 19	20 44.09	− 9 53.5	1.852	2.835	6.1	20.7
8 29	20 37.57	−11 2.3	1.898	2.831	9.6	20.9
9 8	20 32.93	−12 6.3	1.967	2.826	12.8	21.1
256447 2007 CQ_{41}			8 3.7 39°.85	0°.7/ 3.3 18		
6 30	21 20.81	−19 8.7	2.130	2.994	12.2	20.1
7 10	21 15.55	−19 13.0	2.060	2.997	9.1	19.9
7 20	21 8.47	−19 21.0	2.013	3.001	5.5	19.7
7 30	21 0.19	−19 29.9	1.992	3.005	1.8	19.4
8 9	20 51.54	−19 36.5	2.000	3.008	2.3	19.5
8 19	20 43.38	−19 38.6	2.034	3.012	6.0	19.7
8 29	20 36.56	−19 34.8	2.095	3.016	9.4	19.9
9 8	20 31.66	−19 24.5	2.179	3.021	12.4	20.1
349900 2009 FM_{34}			8 3.7 346°.01	3°.9/ 1.1 18		
6 30	21 19.94	−25 9.5	1.777	2.659	13.4	20.3
7 10	21 15.43	−26 0.1	1.710	2.656	10.0	20.1
7 20	21 8.66	−26 52.5	1.666	2.653	6.5	19.9
7 30	21 0.30	−27 40.5	1.646	2.651	4.0	19.8
8 9	20 51.39	−28 17.9	1.653	2.649	5.2	19.8
8 19	20 43.02	−28 40.7	1.685	2.647	8.5	20.0
8 29	20 36.25	−28 47.3	1.741	2.645	12.0	20.2
9 8	20 31.85	−28 38.3	1.818	2.644	15.1	20.4
213307 2001 RB_{65}			8 3.7 312°.18	6°.0/ 8.2 18		
6 30	21 17.56	+ 0 42.1	2.057	2.860	14.8	20.0
7 10	21 13.24	+ 1 1.5	1.977	2.859	12.2	19.8
7 20	21 7.13	+ 1 3.0	1.918	2.858	9.5	19.6
7 30	20 59.79	+ 0 46.1	1.882	2.857	7.0	19.5
8 9	20 51.97	+ 0 12.2	1.871	2.856	6.0	19.4
8 19	20 44.50	− 0 35.5	1.887	2.855	7.3	19.5
8 29	20 38.20	− 1 32.2	1.929	2.854	9.9	19.6
9 8	20 33.72	− 2 32.4	1.993	2.853	12.6	19.8
247170 2001 BY_{10}			8 3.7 295°.26	6°.2/29.8 18		
6 30	21 21.53	−33 40.2	2.138	3.009	11.9	20.0
7 10	21 16.48	−34 42.7	2.069	3.000	9.4	19.8
7 20	21 9.25	−35 40.8	2.023	2.991	7.2	19.6
7 30	21 0.50	−36 27.7	2.003	2.983	6.2	19.6
8 9	20 51.18	−36 57.9	2.009	2.974	7.3	19.6
8 19	20 42.34	−37 8.6	2.041	2.966	9.6	19.7
8 29	20 35.01	−36 59.2	2.096	2.958	12.1	19.9
9 8	20 29.92	−36 32.1	2.171	2.949	14.5	20.0
436265 2010 CZ_{38}			8 3.8 84°.40	1°.8/ 5.2 17		
6 30	21 19.31	− 9 6.9	1.826	2.675	14.5	21.5
7 10	21 14.62	− 9 42.2	1.765	2.690	11.1	21.3
7 20	21 7.98	−10 32.0	1.726	2.705	7.2	21.1
7 30	21 0.05	−11 32.7	1.712	2.720	3.3	20.9
8 9	20 51.73	−12 39.1	1.725	2.735	2.5	20.8
8 19	20 43.95	−13 45.7	1.766	2.750	6.2	21.1
8 29	20 37.60	−14 47.4	1.832	2.764	9.9	21.4
9 8	20 33.31	−15 40.4	1.921	2.778	13.2	21.6
106530 2000 WA_{58}			8 3.8 255°.29	2°.3/ 5.0 17		
6 30	21 22.08	−10 31.2	1.555	2.413	16.2	20.0
7 10	21 17.30	−10 36.5	1.472	2.402	12.5	19.8
7 20	21 9.99	−10 56.5	1.409	2.390	8.3	19.5
7 30	21 0.82	−11 28.8	1.370	2.378	3.8	19.2
8 9	20 50.83	−12 9.4	1.357	2.366	3.1	19.1
8 19	20 41.25	−12 53.1	1.370	2.354	7.5	19.4
8 29	20 33.30	−13 34.8	1.406	2.341	12.1	19.6
9 8	20 27.92	−14 10.4	1.465	2.329	16.1	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
440337 2004 TW_{181}			8 3.8 329°.63	13°.4/24.8 15		
	h m	° ′			°	m
6 30	21 37.30	−56 2.9	2.017	2.815	15.2	20.4
7 10	21 29.31	−57 10.6	1.969	2.806	14.1	20.3
7 20	21 17.52	−57 56.4	1.941	2.797	13.5	20.3
7 30	21 3.21	−58 10.8	1.933	2.788	13.5	20.2
8 9	20 48.37	−57 48.4	1.945	2.780	14.2	20.3
8 19	20 35.05	−56 49.3	1.977	2.773	15.4	20.3
8 29	20 24.90	−55 18.3	2.028	2.765	16.8	20.4
9 8	20 18.71	−53 23.4	2.096	2.758	18.2	20.6
523178 2016 TP_{99}			8 3.8 337°.79	6°.6/30.5 18		
6 30	21 18.77	−29 26.1	1.484	2.378	14.8	20.2
7 10	21 15.16	−30 39.3	1.418	2.366	11.4	19.9
7 20	21 8.80	−31 52.2	1.372	2.355	8.2	19.7
7 30	21 0.43	−32 55.6	1.350	2.345	6.6	19.6
8 9	20 51.28	−33 41.1	1.352	2.335	8.0	19.7
8 19	20 42.73	−34 3.5	1.377	2.326	11.3	19.8
8 29	20 36.11	−34 1.4	1.424	2.319	14.8	20.0
9 8	20 32.35	−33 37.3	1.490	2.312	18.1	20.2
201092 2002 GK_{94}			8 3.8 217°.63	2°.2/ 5.4 18		R
6 30	21 21.09	− 9 8.3	2.328	3.160	12.4	21.6
7 10	21 15.76	− 9 17.7	2.236	3.150	9.6	21.4
7 20	21 8.66	− 9 38.1	2.167	3.140	6.4	21.2
7 30	21 0.31	−10 7.8	2.125	3.129	3.2	20.9
8 9	20 51.43	−10 43.9	2.110	3.118	2.6	20.9
8 19	20 42.82	−11 23.3	2.125	3.105	5.6	21.0
8 29	20 35.30	−12 2.3	2.167	3.092	8.9	21.2
9 8	20 29.50	−12 37.9	2.233	3.079	12.0	21.4
30787 1988 RC			8 3.8 8°.05	9°.1/ 8.6 18		
6 30	21 20.14	+ 2 31.6	1.532	2.343	18.6	17.3
7 10	21 15.69	+ 3 39.1	1.463	2.343	15.8	17.1
7 20	21 8.88	+ 4 24.9	1.411	2.344	12.7	16.9
7 30	21 0.42	+ 4 45.4	1.381	2.345	10.1	16.8
8 9	20 51.32	+ 4 40.2	1.374	2.347	9.1	16.8
8 19	20 42.73	+ 4 11.8	1.390	2.349	10.3	16.8
8 29	20 35.76	+ 3 25.6	1.429	2.351	12.9	17.0
9 8	20 31.22	+ 2 29.3	1.489	2.354	15.9	17.2
294644 2008 AC_{59}			8 3.8 343°.68	1°.3/ 4.5 18		
6 30	21 19.93	−13 33.7	1.844	2.705	13.9	20.4
7 10	21 15.21	−13 27.6	1.769	2.702	10.6	20.2
7 20	21 8.43	−13 30.2	1.715	2.699	6.8	19.9
7 30	21 0.24	−13 39.5	1.686	2.697	2.7	19.7
8 9	20 51.55	−13 52.7	1.684	2.694	2.4	19.6
8 19	20 43.33	−14 6.6	1.709	2.692	6.4	19.9
8 29	20 36.53	−14 18.4	1.759	2.691	10.3	20.1
9 8	20 31.85	−14 25.9	1.831	2.689	13.6	20.3
463971 2014 WS_{3}			8 3.8 309°.13	4°.8/31.9 17		
6 30	21 20.67	−22 51.6	1.214	2.112	17.1	20.5
7 10	21 17.02	−24 13.2	1.147	2.102	12.9	20.3
7 20	21 10.19	−25 43.9	1.100	2.092	8.3	20.0
7 30	21 0.96	−27 13.3	1.075	2.082	5.0	19.8
8 9	20 50.70	−28 30.1	1.074	2.073	6.8	19.8
8 19	20 41.06	−29 25.6	1.096	2.064	11.4	20.1
8 29	20 33.65	−29 55.8	1.140	2.055	16.0	20.3
9 8	20 29.56	−30 1.3	1.201	2.047	20.1	20.6
295011 2008 EW_{49}			8 3.8 90°.84	1°.2/ 2.9 18		
6 30	21 20.41	−19 40.4	2.202	3.066	11.8	21.0
7 10	21 15.20	−20 1.9	2.138	3.076	8.8	20.8
7 20	21 8.24	−20 27.3	2.097	3.086	5.3	20.6
7 30	21 0.14	−20 53.0	2.084	3.095	1.9	20.4
8 9	20 51.71	−21 15.4	2.098	3.105	2.6	20.4
8 19	20 43.78	−21 31.7	2.139	3.115	6.0	20.7
8 29	20 37.13	−21 40.1	2.208	3.124	9.3	20.9
9 8	20 32.36	−21 40.1	2.299	3.133	12.1	21.1
511817 2015 FY_{149}			8 3.8 252°.18	2°.0/ 2.4 18		
6 30	21 22.21	−19 36.3	1.764	2.636	13.9	22.0
7 10	21 17.26	−20 23.0	1.680	2.622	10.4	21.8
7 20	21 9.91	−21 17.4	1.619	2.609	6.4	21.5
7 30	21 0.79	−22 13.9	1.583	2.594	2.6	21.2
8 9	20 50.91	−23 6.1	1.574	2.580	3.7	21.3
8 19	20 41.39	−23 48.7	1.592	2.565	7.9	21.5
8 29	20 33.41	−24 18.1	1.634	2.550	12.0	21.7
9 8	20 27.83	−24 33.2	1.698	2.534	15.6	21.9
177416 2004 CB_{5}			8 3.8 150°.41	0°.0/ 3.6 17		
6 30	21 23.14	−15 12.1	1.802	2.662	14.2	21.3
7 10	21 17.61	−15 44.3	1.735	2.669	10.7	21.1
7 20	21 9.91	−16 25.9	1.689	2.676	6.6	20.9
7 30	21 0.73	−17 12.7	1.670	2.682	2.1	20.6
8 9	20 51.05	−17 59.5	1.678	2.688	2.4	20.6
8 19	20 41.92	−18 41.5	1.713	2.693	6.8	20.9
8 29	20 34.35	−19 15.2	1.774	2.698	10.7	21.2
9 8	20 29.06	−19 38.9	1.857	2.702	14.1	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
393977 2005 UQ_{329}			8 3.8 3°.48	3°.9/ 1.1 18		
	h m	° ′			°	m
6 30	21 19.11	−25 32.4	1.806	2.689	13.1	20.4
7 10	21 14.76	−26 20.9	1.742	2.689	9.9	20.2
7 20	21 8.22	−27 10.6	1.701	2.689	6.4	20.0
7 30	21 0.19	−27 55.3	1.685	2.689	4.0	19.8
8 9	20 51.65	−28 29.5	1.695	2.691	5.2	19.9
8 19	20 43.67	−28 49.2	1.731	2.692	8.4	20.1
8 29	20 37.27	−28 53.2	1.790	2.694	11.8	20.3
9 8	20 33.16	−28 42.1	1.871	2.697	14.7	20.5
508318 2015 KW_{150}			8 3.8 122°.68	0°.5/ 4.2 17		
6 30	21 20.20	−13 7.3	1.868	2.726	13.9	21.8
7 10	21 15.35	−13 41.2	1.800	2.733	10.5	21.6
7 20	21 8.49	−14 26.3	1.755	2.740	6.5	21.4
7 30	21 0.26	−15 18.6	1.735	2.746	2.3	21.2
8 9	20 51.57	−16 13.0	1.742	2.752	2.2	21.2
8 19	20 43.38	−17 4.8	1.776	2.758	6.3	21.4
8 29	20 36.60	−17 49.7	1.836	2.764	10.2	21.7
9 8	20 31.92	−18 25.2	1.920	2.770	13.5	21.9
345839 2007 LW_{18}			8 3.8 27°.97	7°.3/ 9.4 17		
6 30	21 14.41	+ 2 24.9	1.213	2.052	20.9	19.8
7 10	21 11.66	+ 2 12.0	1.164	2.069	17.2	19.6
7 20	21 6.45	+ 1 26.9	1.132	2.086	13.1	19.4
7 30	20 59.62	+ 0 10.7	1.120	2.105	9.2	19.3
8 9	20 52.32	− 1 30.4	1.130	2.124	7.3	19.2
8 19	20 45.78	− 3 26.3	1.163	2.145	8.9	19.4
8 29	20 41.08	− 5 25.7	1.220	2.167	12.4	19.7
9 8	20 38.95	− 7 18.0	1.298	2.190	16.0	19.9
400544 2008 UK_{230}			8 3.8 217°.98	4°.0/30.7 18		
6 30	21 20.92	−23 55.0	2.201	3.070	11.6	20.9
7 10	21 15.98	−25 43.7	2.124	3.064	8.7	20.7
7 20	21 8.99	−27 37.7	2.073	3.058	5.8	20.5
7 30	21 0.48	−29 29.4	2.051	3.051	4.0	20.3
8 9	20 51.28	−31 11.2	2.058	3.044	5.4	20.4
8 19	20 42.32	−32 36.6	2.093	3.037	8.3	20.6
8 29	20 34.59	−33 42.3	2.154	3.029	11.3	20.8
9 8	20 28.86	−34 27.7	2.236	3.021	14.0	20.9
289252 2004 XQ_{86}			8 3.8 227°.46	0°.1/ 3.9 18		
6 30	21 20.75	−14 39.4	2.330	3.180	11.8	22.1
7 10	21 15.56	−15 9.4	2.239	3.168	8.9	21.9
7 20	21 8.58	−15 47.7	2.172	3.156	5.5	21.6
7 30	21 0.32	−16 31.2	2.131	3.143	1.9	21.4
8 9	20 51.50	−17 16.1	2.119	3.129	2.0	21.3
8 19	20 42.94	−17 58.5	2.136	3.115	5.7	21.6
8 29	20 35.48	−18 35.2	2.180	3.100	9.2	21.8
9 8	20 29.78	−19 4.0	2.247	3.084	12.2	21.9
178242 2006 YX			8 3.8 19°.37	0°.8/ 3.2 18		
6 30	21 18.99	−17 45.3	1.982	2.851	12.8	20.2
7 10	21 14.40	−18 10.8	1.912	2.852	9.5	20.0
7 20	21 7.89	−18 42.6	1.865	2.854	5.8	19.8
7 30	21 0.07	−19 17.1	1.843	2.855	1.9	19.5
8 9	20 51.81	−19 49.9	1.848	2.857	2.5	19.6
8 19	20 44.02	−20 17.4	1.881	2.859	6.4	19.8
8 29	20 37.58	−20 36.9	1.939	2.862	10.0	20.1
9 8	20 33.13	−20 47.2	2.019	2.864	13.1	20.3
338666 2003 SN_{359}			8 3.8 224°.66	2°.7/ 2.1 17		
6 30	21 22.39	−22 48.5	1.847	2.721	13.3	21.0
7 10	21 17.14	−23 21.0	1.777	2.720	9.9	20.8
7 20	21 9.67	−23 56.2	1.730	2.718	6.2	20.5
7 30	21 0.68	−24 29.1	1.708	2.717	3.0	20.3
8 9	20 51.16	−24 54.6	1.713	2.716	4.0	20.4
8 19	20 42.20	−25 9.1	1.745	2.715	7.6	20.6
8 29	20 34.81	−25 11.2	1.802	2.713	11.3	20.8
9 8	20 29.73	−25 1.1	1.880	2.712	14.5	21.1
163977 2003 UY_{111}			8 3.8 339°.13	2°.2/ 2.4 18		
6 30	21 18.54	−19 46.5	1.507	2.393	15.1	19.9
7 10	21 14.73	−20 29.3	1.436	2.386	11.3	19.7
7 20	21 8.42	−21 19.9	1.387	2.379	6.9	19.4
7 30	21 0.32	−22 12.3	1.361	2.373	2.8	19.1
8 9	20 51.54	−23 0.0	1.361	2.367	3.9	19.2
8 19	20 43.29	−23 37.1	1.385	2.362	8.4	19.5
8 29	20 36.78	−24 0.2	1.433	2.357	12.7	19.7
9 8	20 32.85	−24 8.4	1.501	2.354	16.4	19.9
474660 2005 AT_{1}			8 3.8 259°.40	1°.8/ 4.8 18		
6 30	21 23.64	−12 28.5	2.076	2.920	13.2	21.1
7 10	21 17.94	−12 12.5	1.978	2.901	10.2	20.8
7 20	21 10.17	−12 4.2	1.903	2.882	6.7	20.6
7 30	21 0.88	−12 2.5	1.854	2.862	3.0	20.3
8 9	20 50.91	−12 5.3	1.832	2.841	2.6	20.3
8 19	20 41.21	−12 10.2	1.839	2.820	6.3	20.5
8 29	20 32.76	−12 15.0	1.872	2.799	10.1	20.6
9 8	20 26.34	−12 17.7	1.929	2.777	13.5	20.8

479652 2014 DO_{60} 8 3.8 241.°02 0.°7/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.83	−16 19.5	2.085	2.947	12.5	21.6
7 10	21 15.10	−17 5.2	1.999	2.936	9.4	21.4
7 20	21 8.40	−17 59.9	1.937	2.925	5.8	21.1
7 30	21 0.29	−18 59.3	1.901	2.913	1.9	20.8
8 9	20 51.57	−19 58.3	1.892	2.901	2.5	20.9
8 19	20 43.15	−20 52.0	1.912	2.889	6.5	21.1
8 29	20 35.96	−21 36.5	1.958	2.876	10.1	21.3
9 8	20 30.71	−22 9.8	2.027	2.864	13.4	21.5

373658 2002 QW_{66} 8 3.8 336.°13 1.°5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.38	−17 1.4	1.100	2.003	18.1	20.9
7 10	21 13.14	−17 45.6	1.029	1.988	13.6	20.5
7 20	21 7.85	−18 44.9	0.978	1.973	8.4	20.2
7 30	21 0.24	−19 52.8	0.947	1.960	2.8	19.8
8 9	20 51.62	−21 0.0	0.939	1.948	4.0	19.9
8 19	20 43.56	−21 57.6	0.952	1.937	9.8	20.2
8 29	20 37.64	−22 39.0	0.986	1.928	15.2	20.4
9 8	20 34.95	−23 1.4	1.038	1.920	19.9	20.7

123836 2001 CS_{18} 8 3.8 308.°23 0.°9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.00	−14 43.1	2.109	2.965	12.6	19.3
7 10	21 15.09	−14 34.4	2.024	2.956	9.5	19.1
7 20	21 8.32	−14 32.3	1.963	2.947	6.1	18.9
7 30	21 0.24	−14 34.9	1.927	2.937	2.3	18.6
8 9	20 51.68	−14 40.0	1.918	2.928	2.1	18.6
8 19	20 43.48	−14 44.9	1.937	2.920	5.9	18.8
8 29	20 36.53	−14 47.7	1.983	2.911	9.5	19.0
9 8	20 31.47	−14 46.8	2.051	2.903	12.7	19.2

214078 2004 HH_{12} 8 3.8 156.°55 2.°4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.70	− 6 59.9	2.314	3.145	12.5	20.3
7 10	21 13.17	− 7 28.7	2.237	3.149	9.7	20.1
7 20	21 7.04	− 8 10.8	2.182	3.152	6.6	19.9
7 30	20 59.81	− 9 3.9	2.153	3.156	3.5	19.7
8 9	20 52.17	−10 4.4	2.152	3.159	2.6	19.6
8 19	20 44.87	−11 8.1	2.180	3.162	5.3	19.8
8 29	20 38.64	−12 10.4	2.234	3.164	8.5	20.0
9 8	20 34.05	−13 7.7	2.314	3.166	11.4	20.2

245403 2005 GF_{207} 8 3.8 227.°24 3.°0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.84	−24 0.2	2.000	2.872	12.5	20.9
7 10	21 16.63	−24 38.3	1.928	2.869	9.4	20.7
7 20	21 9.33	−25 18.4	1.879	2.866	6.0	20.5
7 30	21 0.59	−25 55.3	1.856	2.863	3.2	20.3
8 9	20 51.34	−26 23.9	1.861	2.860	4.2	20.4
8 19	20 42.58	−26 41.0	1.892	2.857	7.5	20.6
8 29	20 35.28	−26 45.0	1.949	2.854	10.9	20.8
9 8	20 30.14	−26 36.2	2.027	2.850	13.9	21.0

21907 1999 VM_{20} 8 3.8 216.°95 1.°0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.81	−20 6.9	2.110	2.969	12.5	18.0
7 10	21 18.69	−20 10.2	2.029	2.964	9.3	17.8
7 20	21 10.54	−20 16.5	1.971	2.958	5.7	17.6
7 30	21 0.99	−20 22.4	1.940	2.952	2.0	17.3
8 9	20 50.94	−20 24.8	1.937	2.945	2.6	17.4
8 19	20 41.36	−20 21.5	1.962	2.938	6.4	17.6
8 29	20 33.18	−20 11.2	2.014	2.930	10.0	17.8
9 8	20 27.09	−19 53.9	2.089	2.923	13.1	18.0

183938 2004 DO_{25} 8 3.8 161.°40 0.°7/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.41	−17 23.7	1.858	2.719	13.8	22.0
7 10	21 18.55	−17 50.1	1.788	2.724	10.3	21.8
7 20	21 10.52	−18 23.4	1.742	2.729	6.3	21.6
7 30	21 0.99	−18 59.5	1.721	2.734	2.1	21.3
8 9	20 50.97	−19 33.5	1.728	2.737	2.6	21.4
8 19	20 41.51	−20 1.4	1.763	2.741	6.8	21.6
8 29	20 33.61	−20 20.7	1.823	2.743	10.7	21.9
9 8	20 27.99	−20 30.3	1.906	2.745	14.0	22.1

5934 Mats 8 3.8 312.°01 1.°4/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.17	−12 31.8	1.308	2.188	17.3	17.0
7 10	21 14.94	−12 44.4	1.220	2.164	13.4	16.7
7 20	21 8.89	−13 13.0	1.152	2.140	8.7	16.4
7 30	21 0.62	−13 54.9	1.106	2.117	3.4	16.0
8 9	20 51.26	−14 44.8	1.083	2.094	3.0	15.9
8 19	20 42.19	−15 36.0	1.084	2.072	8.5	16.1
8 29	20 34.91	−16 22.1	1.107	2.050	13.8	16.4
9 8	20 30.54	−16 58.3	1.150	2.029	18.5	16.6

139126 2001 FX_{68} 8 3.8 202.°01 1.°6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.90	−19 0.2	1.815	2.682	13.8	20.3
7 10	21 18.37	−19 42.3	1.739	2.678	10.3	20.1
7 20	21 10.53	−20 31.4	1.686	2.674	6.4	19.9
7 30	21 1.04	−21 22.4	1.658	2.670	2.3	19.6
8 9	20 50.91	−22 9.3	1.658	2.665	3.3	19.7
8 19	20 41.25	−22 47.3	1.685	2.659	7.4	19.9
8 29	20 33.16	−23 13.4	1.738	2.653	11.4	20.1
9 8	20 27.42	−23 26.8	1.812	2.646	14.8	20.3

211164 2002 HT 8 3.8 28.°20 12.°4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.43	−36 31.2	1.013	1.920	19.0	18.5
7 10	21 18.18	−38 52.8	0.985	1.931	15.5	18.3
7 20	21 11.05	−41 0.8	0.977	1.944	13.0	18.3
7 30	21 1.26	−42 39.0	0.988	1.957	12.5	18.3
8 9	20 50.78	−43 36.0	1.020	1.972	14.1	18.4
8 19	20 41.67	−43 49.0	1.071	1.988	16.8	18.6
8 29	20 35.64	−43 22.2	1.139	2.005	19.8	18.9
9 8	20 33.54	−42 24.4	1.221	2.023	22.4	19.1

248493 2005 UF_{352} 8 3.8 14.°91 3.°5/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.17	−26 14.3	1.976	2.850	12.6	19.6
7 10	21 16.84	−26 37.8	1.910	2.852	9.4	19.4
7 20	21 9.43	−27 0.4	1.868	2.853	6.1	19.2
7 30	21 0.63	−27 17.5	1.850	2.855	3.6	19.1
8 9	20 51.42	−27 24.8	1.860	2.857	4.5	19.1
8 19	20 42.80	−27 20.0	1.896	2.860	7.6	19.3
8 29	20 35.72	−27 2.7	1.958	2.862	10.9	19.5
9 8	20 30.84	−26 34.1	2.041	2.865	13.8	19.7

156906 2003 ES_{38} 8 3.8 66.°65 3.°3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.14	−10 10.4	1.574	2.427	16.3	19.5
7 10	21 18.52	− 9 37.3	1.510	2.435	12.6	19.3
7 20	21 10.56	− 9 16.1	1.467	2.444	8.5	19.1
7 30	21 1.02	− 9 6.2	1.448	2.452	4.5	18.8
8 9	20 51.01	− 9 5.5	1.455	2.461	3.8	18.8
8 19	20 41.68	− 9 11.2	1.487	2.469	7.3	19.1
8 29	20 34.12	− 9 20.1	1.545	2.478	11.3	19.3
9 8	20 29.05	− 9 28.9	1.624	2.487	14.8	19.6

308962 2006 TU_{50} 8 3.8 334.°25 0.°8/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.51	−13 33.7	1.908	2.770	13.5	21.2
7 10	21 14.15	−13 48.2	1.832	2.766	10.2	21.0
7 20	21 7.82	−14 12.4	1.778	2.763	6.5	20.7
7 30	21 0.13	−14 43.6	1.749	2.759	2.4	20.5
8 9	20 51.93	−15 17.9	1.746	2.757	2.2	20.5
8 19	20 44.14	−15 51.4	1.770	2.754	6.2	20.7
8 29	20 37.69	−16 20.4	1.820	2.751	10.0	20.9
9 8	20 33.26	−16 42.7	1.893	2.749	13.4	21.2

511764 2015 DB_{210} 8 3.8 80.°60 3.°9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.76	− 2 58.1	1.750	2.581	15.9	21.1
7 10	21 13.72	− 3 34.9	1.674	2.582	12.6	20.9
7 20	21 7.63	− 4 33.2	1.618	2.583	9.0	20.7
7 30	21 0.08	− 5 50.8	1.587	2.584	5.4	20.5
8 9	20 51.97	− 7 22.6	1.582	2.585	4.0	20.4
8 19	20 44.27	− 9 1.6	1.603	2.586	6.7	20.6
8 29	20 37.94	−10 40.1	1.651	2.588	10.5	20.8
9 8	20 33.72	−12 11.3	1.722	2.589	14.0	21.0

392727 2012 QB_{40} 8 3.8 279.°62 16.°0/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.56	+19 20.2	1.196	1.938	26.4	20.7
7 10	21 14.61	+19 49.5	1.121	1.931	24.1	20.5
7 20	21 8.72	+19 32.3	1.057	1.924	21.4	20.3
7 30	21 0.57	+18 19.4	1.008	1.917	18.7	20.1
8 9	20 51.36	+16 7.8	0.976	1.910	16.6	19.9
8 19	20 42.58	+13 2.6	0.964	1.903	16.0	19.9
8 29	20 35.76	+ 9 19.1	0.974	1.896	17.4	19.9
9 8	20 32.03	+ 5 19.1	1.004	1.889	20.1	20.1

217731 1999 XM_{118} 8 3.8 104.°90 8.°7/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.23	+10 38.3	2.455	3.183	14.6	19.8
7 10	21 13.52	+11 33.0	2.379	3.188	12.8	19.7
7 20	21 7.25	+12 8.6	2.322	3.193	11.0	19.5
7 30	20 59.92	+12 22.8	2.287	3.198	9.5	19.4
8 9	20 52.19	+12 15.1	2.276	3.202	8.8	19.4
8 19	20 44.76	+11 47.0	2.290	3.207	9.1	19.4
8 29	20 38.34	+11 2.0	2.328	3.211	10.3	19.5
9 8	20 33.50	+10 5.4	2.389	3.216	11.9	19.7

92189 1999 XM_{214} 8 3.8 256.°26 1.°0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.03	−19 0.8	2.575	3.434	10.5	20.4
7 10	21 14.18	−19 26.3	2.483	3.419	7.8	20.2
7 20	21 7.71	−19 56.3	2.416	3.403	4.8	20.0
7 30	21 0.10	−20 27.7	2.376	3.388	1.7	19.7
8 9	20 52.01	−20 57.1	2.364	3.372	2.3	19.8
8 19	20 44.18	−21 21.5	2.381	3.355	5.5	20.0
8 29	20 37.33	−21 38.9	2.425	3.339	8.7	20.1
9 8	20 32.09	−21 48.2	2.492	3.322	11.4	20.3

433863 2015 BQ_{292} 8 3.8 192.°78 0.°6/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.38	−13 23.8	1.828	2.684	14.2	22.4
7 10	21 17.15	−13 51.8	1.751	2.683	10.8	22.1
7 20	21 9.74	−14 30.8	1.697	2.681	6.8	21.9
7 30	21 0.81	−15 17.3	1.668	2.679	2.4	21.6
8 9	20 51.27	−16 6.5	1.666	2.676	2.3	21.6
8 19	20 42.19	−16 53.3	1.692	2.673	6.6	21.9
8 29	20 34.57	−17 33.7	1.743	2.670	10.7	22.1
9 8	20 29.18	−18 5.1	1.817	2.666	14.2	22.3

509051 2005 SH_{245} 8 3.8 283°.22 0°.6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.15	−14 14.5	1.627	2.494	15.1	22.1
7 10	21 16.67	−14 30.3	1.537	2.475	11.6	21.8
7 20	21 9.70	−14 57.6	1.469	2.456	7.3	21.5
7 30	21 0.86	−15 33.1	1.424	2.436	2.6	21.2
8 9	20 51.16	−16 12.2	1.406	2.416	2.5	21.1
8 19	20 41.77	−16 49.7	1.413	2.397	7.4	21.4
8 29	20 33.92	−17 21.2	1.445	2.377	12.0	21.6
9 8	20 28.55	−17 43.9	1.498	2.357	16.1	21.8

339287 2004 XT_{23} 8 3.8 320°.43 4°.7/ 5.5 18

6 30	21 19.36	− 9 10.1	1.346	2.213	17.7	20.1
7 10	21 15.83	− 8 21.7	1.250	2.182	14.1	19.8
7 20	21 9.48	− 7 45.3	1.173	2.151	10.0	19.5
7 30	21 0.87	− 7 22.3	1.118	2.121	5.9	19.1
8 9	20 51.09	− 7 12.2	1.087	2.091	5.1	19.0
8 19	20 41.50	− 7 13.2	1.078	2.063	9.0	19.1
8 29	20 33.59	− 7 21.9	1.092	2.035	13.9	19.3
9 8	20 28.53	− 7 33.8	1.125	2.009	18.5	19.5

446181 2013 FL_{10} 8 3.8 103°.21 0°.3/ 4.0 18

6 30	21 18.59	−14 43.1	2.377	3.231	11.4	21.7
7 10	21 13.77	−15 4.0	2.309	3.240	8.6	21.6
7 20	21 7.39	−15 32.0	2.265	3.249	5.3	21.4
7 30	20 59.97	−16 4.2	2.247	3.259	1.8	21.1
8 9	20 52.23	−16 37.3	2.258	3.268	1.8	21.2
8 19	20 44.89	−17 8.2	2.296	3.277	5.2	21.4
8 29	20 38.67	−17 34.4	2.362	3.286	8.4	21.6
9 8	20 34.10	−17 54.1	2.451	3.294	11.1	21.8

66474 1999 RC_{25} 8 3.8 331°.43 8°.6/ 9.8 18

6 30	21 13.68	+ 4 3.4	1.431	2.251	19.3	18.6
7 10	21 11.20	+ 4 19.1	1.347	2.235	16.4	18.4
7 20	21 6.37	+ 4 6.3	1.279	2.219	13.2	18.1
7 30	20 59.77	+ 3 21.9	1.232	2.204	10.2	17.9
8 9	20 52.36	+ 2 7.4	1.207	2.191	8.6	17.8
8 19	20 45.26	+ 0 28.2	1.205	2.178	9.8	17.8
8 29	20 39.68	− 1 26.2	1.225	2.166	12.9	18.0
9 8	20 36.53	− 3 24.9	1.267	2.155	16.5	18.2

238610 2005 BM 8 3.8 256°.40 1°.9/ 2.5 18

6 30	21 21.46	−20 17.4	1.937	2.806	13.0	21.0
7 10	21 16.51	−20 55.4	1.853	2.794	9.7	20.8
7 20	21 9.40	−21 39.1	1.793	2.782	6.0	20.6
7 30	21 0.72	−22 23.6	1.759	2.770	2.4	20.3
8 9	20 51.39	−23 3.8	1.751	2.757	3.4	20.3
8 19	20 42.43	−23 35.3	1.771	2.744	7.3	20.6
8 29	20 34.87	−23 55.2	1.816	2.731	11.0	20.8
9 8	20 29.49	−24 2.9	1.883	2.717	14.4	21.0

393190 2013 CM_{144} 8 3.8 15°.61 3°.2/ 6.3 16

6 30	21 16.31	− 6 14.7	1.889	2.731	14.4	20.6
7 10	21 12.47	− 6 28.0	1.817	2.733	11.3	20.4
7 20	21 6.79	− 6 57.1	1.765	2.736	7.8	20.2
7 30	20 59.83	− 7 40.3	1.738	2.739	4.5	20.0
8 9	20 52.41	− 8 33.7	1.738	2.743	3.4	19.9
8 19	20 45.41	− 9 32.8	1.763	2.747	6.2	20.1
8 29	20 39.68	−10 32.2	1.814	2.751	9.7	20.3
9 8	20 35.86	−11 27.4	1.889	2.756	12.9	20.5

100178 1994 AW_{5} 8 3.8 327°.79 0°.4/ 3.6 18

6 30	21 17.34	−16 52.8	1.074	1.976	18.5	19.4
7 10	21 14.80	−17 2.6	0.997	1.954	14.1	19.1
7 20	21 9.04	−17 24.7	0.939	1.934	8.9	18.7
7 30	21 0.76	−17 54.8	0.901	1.914	2.9	18.3
8 9	20 51.31	−18 26.2	0.885	1.896	3.5	18.3
8 19	20 42.36	−18 52.3	0.890	1.879	9.7	18.6
8 29	20 35.61	−19 8.0	0.916	1.863	15.5	18.8
9 8	20 32.26	−19 10.7	0.959	1.849	20.5	19.1

347848 2002 QO_{84} 8 3.8 263°.55 0°.0/ 3.6 18

6 30	21 23.06	−17 18.3	1.988	2.848	13.1	20.9
7 10	21 17.56	−17 15.2	1.902	2.837	9.9	20.7
7 20	21 9.97	−17 17.3	1.840	2.826	6.1	20.5
7 30	21 0.90	−17 22.0	1.803	2.815	2.0	20.2
8 9	20 51.25	−17 26.2	1.794	2.804	2.2	20.2
8 19	20 42.01	−17 27.4	1.812	2.793	6.4	20.4
8 29	20 34.16	−17 23.8	1.857	2.781	10.3	20.6
9 8	20 28.43	−17 14.5	1.924	2.770	13.6	20.8

309613 2008 BT_{46} 8 3.8 67°.68 1°.2/ 4.7 18

6 30	21 17.99	−11 29.9	2.053	2.906	13.0	21.3
7 10	21 13.57	−11 55.6	1.985	2.913	9.9	21.2
7 20	21 7.38	−12 32.2	1.940	2.921	6.3	21.0
7 30	21 0.01	−13 16.8	1.920	2.930	2.6	20.7
8 9	20 52.25	−14 5.4	1.928	2.938	2.1	20.7
8 19	20 44.92	−14 53.6	1.963	2.946	5.7	21.0
8 29	20 38.84	−15 37.6	2.024	2.954	9.2	21.2
9 8	20 34.60	−16 14.6	2.108	2.962	12.3	21.4

245189 2004 TV_{273} 8 3.8 245°.43 1°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.24	−11 18.3	2.119	2.964	13.0	21.5
7 10	21 16.14	−11 28.3	2.025	2.948	10.0	21.2
7 20	21 9.10	−11 48.9	1.953	2.932	6.5	21.0
7 30	21 0.63	−12 18.0	1.908	2.916	2.9	20.7
8 9	20 51.53	−12 52.4	1.889	2.899	2.3	20.7
8 19	20 42.68	−13 28.5	1.899	2.881	6.0	20.9
8 29	20 35.02	−14 2.7	1.936	2.863	9.7	21.1
9 8	20 29.26	−14 32.1	1.996	2.845	13.1	21.2

202213 2004 XQ_{121} 8 3.8 231°.99 0°.6/ 4.2 18

6 30	21 21.43	−14 13.5	2.115	2.967	12.7	21.3
7 10	21 16.24	−14 27.6	2.028	2.958	9.6	21.1
7 20	21 9.12	−14 50.1	1.964	2.948	6.1	20.9
7 30	21 0.62	−15 18.4	1.926	2.937	2.2	20.6
8 9	20 51.56	−15 48.8	1.916	2.926	2.0	20.6
8 19	20 42.83	−16 17.9	1.934	2.915	6.0	20.8
8 29	20 35.33	−16 42.6	1.978	2.904	9.7	21.0
9 8	20 29.77	−17 0.8	2.046	2.892	12.9	21.2

424365 2007 VC_{220} 8 3.8 205°.43 1°.8/ 2.6 17

6 30	21 24.43	−19 23.4	1.762	2.630	14.1	21.9
7 10	21 18.87	−20 7.7	1.686	2.626	10.6	21.7
7 20	21 10.92	−20 59.1	1.633	2.621	6.5	21.5
7 30	21 1.25	−21 52.0	1.605	2.616	2.5	21.2
8 9	20 50.89	−22 40.2	1.604	2.610	3.5	21.2
8 19	20 41.02	−23 18.7	1.630	2.604	7.7	21.5
8 29	20 32.76	−23 44.5	1.681	2.596	11.7	21.7
9 8	20 26.94	−23 56.7	1.754	2.589	15.2	21.9

39297 2001 FE_{53} 8 3.8 357°.33 1°.5/ 2.9 18

6 30	21 20.24	−19 8.8	1.676	2.553	14.3	18.7
7 10	21 15.73	−19 37.7	1.608	2.552	10.7	18.4
7 20	21 8.94	−20 13.0	1.561	2.551	6.5	18.2
7 30	21 0.57	−20 50.1	1.539	2.551	2.3	17.9
8 9	20 51.65	−21 23.7	1.543	2.551	3.2	18.0
8 19	20 43.28	−21 49.3	1.573	2.551	7.4	18.3
8 29	20 36.52	−22 4.4	1.627	2.551	11.5	18.5
9 8	20 32.13	−22 7.9	1.702	2.552	14.9	18.7

511140 2013 YJ_{2} 8 3.8 174°.49 9°.1/13.6 18

6 30	21 21.11	+18 10.1	3.010	3.656	13.6	23.3
7 10	21 15.46	+18 54.5	2.926	3.661	12.3	23.2
7 20	21 8.40	+19 19.8	2.860	3.664	11.0	23.1
7 30	21 0.35	+19 23.2	2.816	3.667	9.9	23.0
8 9	20 51.91	+19 4.3	2.795	3.668	9.2	23.0
8 19	20 43.71	+18 24.1	2.799	3.669	9.3	23.0
8 29	20 36.38	+17 25.9	2.828	3.669	10.0	23.0
9 8	20 30.46	+16 14.6	2.880	3.668	11.1	23.1

49668 1999 OP_{2} 8 3.8 249°.76 3°.6/ 4.3 18

6 30	21 37.66	−15 17.5	1.156	2.020	20.2	18.1
7 10	21 29.86	−13 45.4	1.078	2.011	15.7	17.8
7 20	21 18.24	−12 14.9	1.020	2.003	10.5	17.5
7 30	21 3.78	−10 47.2	0.986	1.993	5.1	17.2
8 9	20 48.19	− 9 24.6	0.976	1.984	4.8	17.1
8 19	20 33.49	− 8 10.1	0.993	1.974	10.2	17.4
8 29	20 21.56	− 7 5.4	1.033	1.964	15.8	17.7
9 8	20 13.54	− 6 10.3	1.092	1.953	20.6	18.0

170411 2003 UT_{27} 8 3.8 182°.17 4°.4/ 1.1 18

6 30	21 24.44	−24 37.9	1.562	2.443	14.9	20.1
7 10	21 19.18	−25 44.2	1.498	2.443	11.2	19.9
7 20	21 11.23	−26 53.9	1.456	2.443	7.3	19.7
7 30	21 1.38	−27 58.8	1.439	2.443	4.5	19.5
8 9	20 50.83	−28 50.9	1.447	2.443	5.9	19.6
8 19	20 40.93	−29 25.1	1.481	2.442	9.6	19.8
8 29	20 32.95	−29 39.2	1.539	2.441	13.4	20.1
9 8	20 27.76	−29 34.8	1.616	2.440	16.8	20.3

358833 2008 ED_{168} 8 3.8 329°.58 5°.1/31.5 18

6 30	21 22.04	−30 7.8	1.964	2.839	12.6	19.9
7 10	21 16.95	−30 48.0	1.894	2.833	9.7	19.7
7 20	21 9.64	−31 25.2	1.848	2.827	6.8	19.5
7 30	21 0.81	−31 53.5	1.826	2.821	5.1	19.4
8 9	20 51.46	−32 7.8	1.831	2.816	6.1	19.4
8 19	20 42.66	−32 5.5	1.862	2.811	8.8	19.6
8 29	20 35.45	−31 46.3	1.917	2.806	11.9	19.8
9 8	20 30.54	−31 12.3	1.993	2.801	14.6	20.0

373418 1998 TE_{11} 8 3.8 248°.89 2°.8/ 2.1 18

6 30	21 24.59	−22 36.8	1.840	2.710	13.5	21.9
7 10	21 19.07	−23 16.6	1.754	2.695	10.2	21.6
7 20	21 11.12	−24 0.5	1.691	2.678	6.4	21.4
7 30	21 1.36	−24 43.0	1.653	2.661	3.2	21.1
8 9	20 50.82	−25 18.1	1.642	2.644	4.3	21.2
8 19	20 40.66	−25 41.4	1.658	2.626	8.1	21.4
8 29	20 32.04	−25 50.5	1.699	2.608	12.0	21.6
9 8	20 25.86	−25 45.6	1.762	2.589	15.5	21.7

352356 2007 VB_{183} 8 3.8 272°.26 3°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.02	−25 31.1	2.028	2.898	12.4	21.2
7 10	21 17.71	−26 6.6	1.940	2.880	9.4	21.0
7 20	21 10.17	−26 43.3	1.877	2.862	6.1	20.7
7 30	21 1.03	−27 15.7	1.839	2.843	3.6	20.5
8 9	20 51.20	−27 38.9	1.828	2.825	4.7	20.6
8 19	20 41.74	−27 49.2	1.844	2.806	8.0	20.7
8 29	20 33.71	−27 45.2	1.885	2.786	11.4	20.9
9 8	20 27.89	−27 27.7	1.948	2.767	14.5	21.1

269095 2007 HP_{61} 8 3.8 121°.02 4°.9/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.41	− 0 26.2	1.995	2.800	15.1	21.1
7 10	21 15.36	− 0 38.7	1.927	2.815	12.2	20.9
7 20	21 8.49	− 1 10.2	1.881	2.829	9.1	20.7
7 30	21 0.41	− 1 59.8	1.859	2.843	6.1	20.6
8 9	20 51.94	− 3 3.9	1.863	2.857	5.0	20.5
8 19	20 43.93	− 4 17.7	1.895	2.870	6.7	20.7
8 29	20 37.23	− 5 35.2	1.953	2.882	9.6	20.9
9 8	20 32.44	− 6 50.6	2.036	2.894	12.5	21.1

183687 2003 YX_{14} 8 3.8 183°.97 2°.5/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.80	−22 14.4	1.940	2.805	13.2	21.8
7 10	21 19.67	−22 52.8	1.868	2.806	9.8	21.6
7 20	21 11.29	−23 34.6	1.819	2.806	6.1	21.4
7 30	21 1.37	−24 14.3	1.796	2.805	2.9	21.2
8 9	20 50.89	−24 46.6	1.801	2.804	3.9	21.3
8 19	20 40.94	−25 8.0	1.834	2.801	7.5	21.5
8 29	20 32.56	−25 16.6	1.892	2.799	11.1	21.7
9 8	20 26.49	−25 12.8	1.973	2.795	14.2	21.9

88785 2001 ST_{106} 8 3.8 359°.67 4°.3/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.97	−25 11.8	0.782	1.709	20.8	17.8
7 10	21 15.88	−25 6.6	0.734	1.703	15.8	17.4
7 20	21 9.83	−25 0.4	0.701	1.699	10.1	17.1
7 30	21 1.00	−24 46.0	0.687	1.698	4.9	16.9
8 9	20 51.34	−24 17.2	0.691	1.699	6.1	16.9
8 19	20 42.94	−23 31.9	0.715	1.702	11.7	17.2
8 29	20 37.59	−22 32.1	0.757	1.707	17.2	17.6
9 8	20 36.22	−21 21.4	0.814	1.715	22.0	17.9

61763 2000 QF_{166} 8 3.8 218°.97 1°.0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.62	−13 43.9	2.302	3.150	11.9	20.0
7 10	21 15.43	−13 42.3	2.220	3.146	9.1	19.8
7 20	21 8.52	−13 47.7	2.161	3.143	5.8	19.6
7 30	21 0.43	−13 58.4	2.129	3.139	2.3	19.4
8 9	20 51.91	−14 11.8	2.125	3.135	2.0	19.4
8 19	20 43.76	−14 25.3	2.149	3.130	5.4	19.6
8 29	20 36.75	−14 36.7	2.200	3.126	8.8	19.8
9 8	20 31.50	−14 44.3	2.275	3.121	11.8	20.0

523614 2006 TH_{7} 8 3.8 139°.70 2°.5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.91	− 3 44.7	3.631	4.413	9.3	25.7
7 10	21 16.39	− 4 7.2	3.555	4.435	7.4	25.6
7 20	21 8.77	− 4 39.0	3.506	4.456	5.2	25.5
7 30	21 0.46	− 5 18.9	3.485	4.476	3.2	25.4
8 9	20 51.94	− 6 4.9	3.497	4.495	2.6	25.4
8 19	20 43.70	− 6 54.3	3.540	4.512	4.0	25.5
8 29	20 36.24	− 7 44.7	3.614	4.528	6.1	25.6
9 8	20 29.95	− 8 33.4	3.716	4.544	8.0	25.8

176553 2002 AD_{126} 8 3.8 60°.60 3°.1/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.87	− 2 12.7	2.055	2.872	14.3	19.6
7 10	21 13.39	− 3 21.9	1.996	2.897	11.3	19.4
7 20	21 7.23	− 4 50.1	1.959	2.922	7.8	19.2
7 30	20 59.99	− 6 33.7	1.949	2.947	4.5	19.1
8 9	20 52.44	− 8 26.3	1.967	2.972	3.2	19.1
8 19	20 45.37	−10 21.0	2.014	2.997	5.6	19.3
8 29	20 39.53	−12 10.8	2.089	3.022	8.8	19.5
9 8	20 35.47	−13 50.3	2.190	3.047	11.8	19.7

362285 2009 SO_{8} 8 3.8 326°.51 8°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.89	−38 28.3	1.952	2.820	13.0	19.6
7 10	21 17.91	−39 32.5	1.885	2.807	10.7	19.4
7 20	21 10.41	−40 28.1	1.841	2.795	8.9	19.3
7 30	21 1.13	−41 7.4	1.821	2.783	8.2	19.2
8 9	20 51.20	−41 24.5	1.825	2.771	9.3	19.2
8 19	20 41.88	−41 16.7	1.853	2.760	11.4	19.3
8 29	20 34.35	−40 44.8	1.903	2.750	13.8	19.5
9 8	20 29.43	−39 52.6	1.972	2.740	16.1	19.6

164691 1997 SH_{14} 8 3.8 202°.29 0°.6/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.85	−17 13.8	1.697	2.560	14.8	21.1
7 10	21 19.97	−17 33.3	1.620	2.557	11.1	20.9
7 20	21 11.63	−18 0.5	1.566	2.553	6.9	20.6
7 30	21 1.53	−18 31.2	1.537	2.549	2.3	20.3
8 9	20 50.77	−19 0.3	1.534	2.544	2.7	20.3
8 19	20 40.53	−19 23.8	1.559	2.538	7.4	20.6
8 29	20 31.98	−19 38.7	1.608	2.532	11.7	20.9
9 8	20 25.96	−19 43.9	1.680	2.525	15.3	21.1

291759 2006 KC_{15} 8 3.8 54°.13 7°.6/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.41	+ 3 30.2	1.702	2.503	17.5	19.9
7 10	21 14.15	+ 3 54.8	1.640	2.516	14.6	19.7
7 20	21 7.88	+ 3 56.0	1.597	2.529	11.6	19.5
7 30	21 0.25	+ 3 32.9	1.575	2.542	8.9	19.4
8 9	20 52.18	+ 2 47.3	1.578	2.556	7.6	19.4
8 19	20 44.65	+ 1 44.0	1.605	2.569	8.7	19.5
8 29	20 38.58	+ 0 29.5	1.656	2.583	11.1	19.6
9 8	20 34.62	− 0 48.7	1.730	2.597	13.9	19.9

248140 2004 SJ_{62} 8 3.8 210°.63 0°.4/ 4.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.76	−12 20.6	2.520	3.367	11.1	20.0
7 10	21 12.48	−13 8.9	2.438	3.365	8.4	19.8
7 20	21 6.69	−14 7.0	2.379	3.362	5.2	19.6
7 30	20 59.85	−15 11.9	2.348	3.359	1.9	19.4
8 9	20 52.58	−16 19.2	2.346	3.356	1.7	19.4
8 19	20 45.58	−17 24.7	2.372	3.353	5.1	19.6
8 29	20 39.53	−18 24.5	2.426	3.350	8.2	19.8
9 8	20 35.00	−19 15.9	2.505	3.346	11.0	20.0

448649 2010 VK_{103} 8 3.8 283°.25 0°.4/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.55	−14 16.3	2.332	3.185	11.6	22.6
7 10	21 14.06	−14 35.1	2.231	3.161	8.9	22.3
7 20	21 7.80	−15 2.1	2.153	3.138	5.6	22.1
7 30	21 0.26	−15 35.0	2.102	3.114	2.0	21.8
8 9	20 52.11	−16 10.4	2.079	3.089	1.9	21.8
8 19	20 44.15	−16 44.7	2.084	3.065	5.6	22.0
8 29	20 37.21	−17 15.0	2.115	3.040	9.2	22.2
9 8	20 31.96	−17 38.8	2.170	3.016	12.3	22.3

337254 2000 SU_{40} 8 3.8 354°.69 10°.9/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.52	+ 2 21.7	1.220	2.056	21.0	19.5
7 10	21 13.57	+ 3 50.9	1.154	2.049	18.0	19.3
7 20	21 7.94	+ 4 55.8	1.104	2.044	14.7	19.1
7 30	21 0.37	+ 5 30.7	1.073	2.040	12.0	18.9
8 9	20 52.00	+ 5 33.6	1.063	2.038	10.9	18.9
8 19	20 44.17	+ 5 6.7	1.074	2.037	12.1	18.9
8 29	20 38.20	+ 4 16.5	1.105	2.037	14.8	19.1
9 8	20 35.01	+ 3 12.8	1.155	2.039	18.1	19.3

287034 2002 QS_{108} 8 3.8 308°.89 2°.8/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.41	− 8 53.3	1.827	2.675	14.6	20.7
7 10	21 14.94	− 8 49.5	1.748	2.670	11.4	20.4
7 20	21 8.42	− 8 58.8	1.690	2.666	7.7	20.2
7 30	21 0.46	− 9 19.9	1.657	2.661	4.1	20.0
8 9	20 51.94	− 9 49.8	1.650	2.657	3.2	19.9
8 19	20 43.83	−10 24.6	1.669	2.653	6.5	20.1
8 29	20 37.08	−11 0.2	1.714	2.649	10.3	20.3
9 8	20 32.42	−11 32.8	1.782	2.645	13.7	20.6

349961 2010 DO_{30} 8 3.8 77°.87 5°.0/ 7.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.22	− 1 57.7	1.916	2.734	15.2	21.7
7 10	21 14.54	− 1 49.8	1.852	2.748	12.2	21.6
7 20	21 8.02	− 1 59.5	1.809	2.762	9.0	21.4
7 30	21 0.28	− 2 26.3	1.790	2.776	6.1	21.3
8 9	20 52.17	− 3 7.5	1.796	2.790	5.1	21.2
8 19	20 44.56	− 3 59.0	1.829	2.804	6.8	21.4
8 29	20 38.27	− 4 55.6	1.888	2.818	9.7	21.6
9 8	20 33.92	− 5 52.1	1.970	2.832	12.6	21.8

360900 2005 SG_{157} 8 3.8 237°.38 0°.9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.23	−18 29.1	2.437	3.297	11.0	22.0
7 10	21 14.41	−18 58.3	2.353	3.289	8.2	21.8
7 20	21 7.92	−19 32.6	2.293	3.280	5.0	21.6
7 30	21 0.27	−20 8.8	2.260	3.271	1.7	21.4
8 9	20 52.15	−20 43.1	2.255	3.262	2.3	21.4
8 19	20 44.34	−21 12.2	2.278	3.253	5.7	21.6
8 29	20 37.60	−21 33.9	2.328	3.244	8.9	21.8
9 8	20 32.53	−21 47.0	2.402	3.234	11.7	22.0

420357 2012 BW_{88} 8 3.8 33°.20 2°.1/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.26	−20 53.5	1.106	2.003	18.5	20.0
7 10	21 19.48	−21 2.6	1.059	2.012	13.8	19.7
7 20	21 11.53	−21 17.0	1.030	2.023	8.5	19.5
7 30	21 1.49	−21 30.6	1.023	2.035	3.2	19.2
8 9	20 50.95	−21 37.5	1.038	2.047	4.1	19.3
8 19	20 41.53	−21 34.0	1.077	2.060	9.4	19.7
8 29	20 34.63	−21 19.0	1.138	2.074	14.2	20.0
9 8	20 31.02	−20 53.4	1.218	2.088	18.3	20.3

387461 2013 WM_{109} 8 3.8 157°.91 3°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.28	− 7 38.0	2.101	2.927	13.7	21.0
7 10	21 18.21	− 7 5.0	2.025	2.932	10.8	20.8
7 20	21 10.26	− 6 42.5	1.971	2.936	7.6	20.7
7 30	21 1.04	− 6 30.5	1.943	2.940	4.6	20.5
8 9	20 51.38	− 6 27.8	1.942	2.944	3.8	20.4
8 19	20 42.18	− 6 32.3	1.970	2.947	6.3	20.6
8 29	20 34.30	− 6 41.5	2.025	2.950	9.5	20.8
9 8	20 28.38	− 6 52.6	2.103	2.952	12.5	21.0

161121 2002 RZ_{18} 8 3.8 275°.22 1°.8/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.80	−19 28.2	1.572	2.449	15.1	19.8
7 10	21 18.06	−20 2.7	1.488	2.432	11.4	19.5
7 20	21 10.67	−20 45.2	1.425	2.416	7.0	19.2
7 30	21 1.29	−21 30.1	1.387	2.399	2.7	18.9
8 9	20 51.02	−22 11.2	1.375	2.382	3.7	18.9
8 19	20 41.15	−22 42.8	1.388	2.365	8.4	19.2
8 29	20 32.99	−23 1.6	1.425	2.348	12.9	19.4
9 8	20 27.50	−23 6.5	1.483	2.330	16.8	19.6

266580 2008 HL_{18} 8 3.8 50°.97 1°.2/ 2.9 17

6 30	21 20.17	−16 6.9	1.481	2.360	15.7	20.1
7 10	21 15.95	−17 9.1	1.418	2.363	11.7	19.8
7 20	21 9.24	−18 23.7	1.376	2.367	7.2	19.6
7 30	21 0.77	−19 44.1	1.358	2.371	2.4	19.3
8 9	20 51.66	−21 2.0	1.366	2.375	3.3	19.4
8 19	20 43.14	−22 10.3	1.400	2.379	8.1	19.7
8 29	20 36.39	−23 3.8	1.457	2.383	12.4	19.9
9 8	20 32.23	−23 40.5	1.536	2.387	16.2	20.2

70706 1999 UM_{41} 8 3.8 192°.25 1°.5/ 2.9 17

6 30	21 22.35	−19 53.2	1.864	2.733	13.4	20.0
7 10	21 17.13	−20 17.9	1.792	2.733	10.0	19.8
7 20	21 9.76	−20 47.6	1.744	2.732	6.1	19.6
7 30	21 0.91	−21 17.8	1.720	2.732	2.3	19.3
8 9	20 51.54	−21 43.9	1.724	2.731	3.1	19.4
8 19	20 42.69	−22 2.3	1.755	2.731	7.0	19.6
8 29	20 35.35	−22 10.9	1.811	2.730	10.8	19.8
9 8	20 30.25	−22 9.3	1.889	2.729	14.1	20.1

262410 2006 UF_{42} 8 3.8 190°.50 1°.3/ 4.7 17

6 30	21 22.89	−11 53.4	1.884	2.733	14.1	21.7
7 10	21 17.50	−12 9.1	1.806	2.732	10.8	21.4
7 20	21 9.99	−12 36.2	1.750	2.731	7.0	21.2
7 30	21 0.99	−13 11.9	1.720	2.729	2.9	21.0
8 9	20 51.43	−13 52.0	1.717	2.726	2.3	20.9
8 19	20 42.30	−14 32.3	1.741	2.723	6.4	21.2
8 29	20 34.59	−15 8.8	1.792	2.720	10.3	21.4
9 8	20 29.04	−15 38.7	1.865	2.716	13.8	21.6

473992 2016 FH_{17} 8 3.8 87°.31 1°.8/ 4.9 17

6 30	21 21.91	−10 11.3	1.351	2.217	17.7	20.8
7 10	21 17.31	−10 43.6	1.291	2.226	13.5	20.6
7 20	21 10.08	−11 33.8	1.252	2.236	8.7	20.3
7 30	21 1.04	−12 37.4	1.235	2.245	3.7	20.1
8 9	20 51.41	−13 47.7	1.244	2.254	2.8	20.0
8 19	20 42.48	−14 57.0	1.277	2.263	7.7	20.4
8 29	20 35.49	−15 58.9	1.335	2.273	12.4	20.6
9 8	20 31.24	−16 49.0	1.413	2.281	16.4	20.9

220212 2002 VD_{64} 8 3.8 233°.84 1°.6/ 2.9 18

6 30	21 24.76	−19 59.6	1.881	2.746	13.5	20.6
7 10	21 19.07	−20 25.8	1.796	2.734	10.1	20.4
7 20	21 11.07	−20 57.2	1.734	2.722	6.3	20.2
7 30	21 1.38	−21 29.3	1.698	2.710	2.4	19.9
8 9	20 51.00	−21 57.2	1.690	2.697	3.2	19.9
8 19	20 41.02	−22 16.9	1.709	2.683	7.3	20.1
8 29	20 32.55	−22 26.2	1.753	2.669	11.3	20.3
9 8	20 26.41	−22 24.4	1.819	2.654	14.7	20.5

389699 2011 QZ_{77} 8 3.8 345°.43 1°.0/ 3.1 18

6 30	21 17.94	−16 58.9	1.640	2.518	14.5	20.5
7 10	21 14.13	−17 41.6	1.568	2.513	10.8	20.3
7 20	21 8.06	−18 34.2	1.519	2.509	6.6	20.0
7 30	21 0.38	−19 31.5	1.493	2.506	2.2	19.7
8 9	20 52.09	−20 27.5	1.494	2.502	3.0	19.8
8 19	20 44.27	−21 16.4	1.520	2.500	7.4	20.0
8 29	20 38.00	−21 54.0	1.570	2.498	11.6	20.3
9 8	20 34.06	−22 18.5	1.642	2.496	15.2	20.5

442884 2013 BB_{39} 8 3.8 47°.16 2°.2/ 4.9 18

6 30	21 23.08	−12 27.9	1.845	2.697	14.3	20.2
7 10	21 17.42	−11 57.0	1.785	2.712	10.9	20.0
7 20	21 9.78	−11 34.7	1.748	2.727	7.1	19.8
7 30	21 0.88	−11 19.9	1.735	2.742	3.4	19.6
8 9	20 51.68	−11 10.7	1.750	2.758	2.8	19.6
8 19	20 43.12	−11 5.2	1.792	2.774	6.2	19.9
8 29	20 36.09	−11 1.3	1.859	2.790	9.8	20.1
9 8	20 31.21	−10 56.9	1.950	2.807	13.0	20.4

352275 2007 TV_{310} 8 3.8 314°.86 1°.5/ 4.9 18

6 30	21 17.98	−11 12.2	1.711	2.573	14.8	20.4
7 10	21 14.09	−11 32.7	1.630	2.563	11.4	20.2
7 20	21 8.03	−12 7.0	1.570	2.553	7.4	19.9
7 30	21 0.40	−12 52.3	1.534	2.543	3.1	19.7
8 9	20 52.11	−13 44.0	1.524	2.534	2.5	19.6
8 19	20 44.20	−14 36.9	1.540	2.525	6.7	19.9
8 29	20 37.70	−15 25.8	1.581	2.517	10.9	20.1
9 8	20 33.40	−16 6.9	1.644	2.508	14.6	20.3

107653 2001 EA_{24} 8 3.8 358°.57 9°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.50	−38 7.5	1.455	2.337	15.8	18.4
7 10	21 19.70	−39 15.6	1.403	2.334	13.0	18.2
7 20	21 11.74	−40 12.7	1.372	2.332	10.6	18.1
7 30	21 1.63	−40 48.6	1.362	2.331	9.7	18.0
8 9	20 50.88	−40 56.2	1.376	2.331	10.9	18.1
8 19	20 41.13	−40 33.3	1.411	2.332	13.3	18.3
8 29	20 33.78	−39 42.5	1.467	2.333	16.1	18.4
9 8	20 29.70	−38 29.7	1.541	2.336	18.8	18.6

107924 2001 FO_{103} 8 3.8 12°.09 0°.0/ 3.6 18 R

6 30	21 17.45	−16 40.7	0.951	1.859	19.8	18.3
7 10	21 14.74	−16 39.4	0.904	1.863	14.9	18.1
7 20	21 8.81	−16 50.0	0.873	1.869	9.2	17.8
7 30	21 0.68	−17 7.9	0.863	1.876	3.1	17.5
8 9	20 51.92	−17 26.8	0.874	1.885	3.2	17.5
8 19	20 44.17	−17 41.1	0.906	1.896	9.2	17.9
8 29	20 38.90	−17 47.2	0.958	1.908	14.6	18.2
9 8	20 36.93	−17 43.0	1.028	1.921	19.0	18.5

262220 2006 SN_{251} 8 3.8 237°.25 5°.2/ 8.0 18

6 30	21 17.48	− 0 15.0	2.164	2.969	14.1	21.1
7 10	21 13.23	− 0 11.9	2.080	2.966	11.5	21.0
7 20	21 7.27	− 0 26.1	2.017	2.962	8.8	20.8
7 30	21 0.10	− 0 57.7	1.978	2.958	6.2	20.6
8 9	20 52.46	− 1 44.4	1.965	2.955	5.2	20.5
8 19	20 45.12	− 2 42.8	1.978	2.951	6.7	20.6
8 29	20 38.87	− 3 47.8	2.018	2.947	9.3	20.8
9 8	20 34.35	− 4 54.2	2.082	2.943	12.1	21.0

480414 2015 KY_{94} 8 3.8 202°.04 6°.8/ 8.9 16

6 30	21 18.71	+ 2 32.5	1.919	2.715	15.9	21.6
7 10	21 14.33	+ 2 49.6	1.839	2.714	13.3	21.5
7 20	21 8.03	+ 2 46.2	1.779	2.713	10.5	21.3
7 30	21 0.37	+ 2 21.2	1.742	2.712	7.9	21.1
8 9	20 52.18	+ 1 36.2	1.730	2.711	6.8	21.1
8 19	20 44.34	+ 0 35.0	1.744	2.710	8.0	21.1
8 29	20 37.77	− 0 36.7	1.783	2.708	10.5	21.3
9 8	20 33.15	− 1 52.2	1.845	2.707	13.4	21.5

577 Rhea 8 3.8 8°.19 1°.0/ 3.3 18

6 30	21 19.64	−19 15.4	1.753	2.629	13.8	13.5
7 10	21 15.17	−19 23.7	1.687	2.631	10.3	13.3
7 20	21 8.56	−19 37.0	1.643	2.633	6.3	13.1
7 30	21 0.53	−19 51.6	1.623	2.636	2.1	12.8
8 9	20 52.05	−20 3.5	1.630	2.639	2.7	12.9
8 19	20 44.13	−20 9.9	1.663	2.643	6.9	13.1
8 29	20 37.76	−20 8.6	1.720	2.647	10.7	13.4
9 8	20 33.62	−19 59.2	1.799	2.653	14.1	13.6

333474 2004 RH_{249} 8 3.8 311°.26 3°.9/ 3.5 12 C

6 30	21 38.99	−28 34.4	0.965	1.855	21.1	19.4
7 10	21 31.73	−27 41.1	0.893	1.841	16.4	19.1
7 20	21 19.81	−26 34.8	0.839	1.828	10.7	18.7
7 30	21 4.44	−25 8.4	0.806	1.815	5.1	18.4
8 9	20 47.88	−23 19.2	0.796	1.803	5.6	18.3
8 19	20 32.71	−21 12.0	0.810	1.792	11.7	18.6
8 29	20 21.14	−18 56.4	0.845	1.781	17.9	18.9
9 8	20 14.33	−16 41.9	0.899	1.771	23.1	19.2

512099 2015 OQ_{25} 8 3.8 130°.92 3°.1/31.9 17

6 30	21 19.94	−22 16.0	2.150	3.020	11.8	20.7
7 10	21 15.18	−23 41.4	2.085	3.026	8.8	20.5
7 20	21 8.52	−25 11.4	2.045	3.032	5.6	20.3
7 30	21 0.52	−26 39.5	2.033	3.038	3.2	20.2
8 9	20 52.03	−27 59.2	2.048	3.044	4.4	20.3
8 19	20 43.93	−29 5.4	2.092	3.049	7.5	20.5
8 29	20 37.10	−29 55.2	2.161	3.054	10.5	20.7
9 8	20 32.22	−30 28.0	2.253	3.060	13.2	20.9

252833 2002 GW_{114} 8 3.8 181°.26 7°.2/28.4 18

6 30	21 24.86	−40 19.3	2.540	3.389	10.9	20.3
7 10	21 18.82	−41 23.2	2.483	3.390	9.1	20.1
7 20	21 10.72	−42 18.3	2.450	3.390	7.7	20.0
7 30	21 1.24	−42 58.5	2.442	3.390	7.3	20.0
8 9	20 51.30	−43 19.5	2.460	3.389	8.1	20.1
8 19	20 41.91	−43 19.4	2.504	3.389	9.7	20.2
8 29	20 34.00	−42 59.0	2.571	3.388	11.5	20.3
9 8	20 28.25	−42 21.2	2.658	3.387	13.3	20.4

176122 2001 DF_{87} 8 3.8 108°.40 5°.3/ 8.8 17

6 30	21 21.70	+ 3 20.7	1.731	2.525	17.5	20.0
7 10	21 16.61	+ 2 16.6	1.663	2.543	14.2	19.8
7 20	21 9.43	+ 0 44.5	1.616	2.560	10.6	19.7
7 30	21 0.82	− 1 12.9	1.593	2.577	7.1	19.5
8 9	20 51.75	− 3 28.7	1.598	2.594	5.3	19.4
8 19	20 43.21	− 5 53.2	1.631	2.610	7.1	19.6
8 29	20 36.19	− 8 16.3	1.692	2.625	10.5	19.8
9 8	20 31.36	−10 29.1	1.778	2.640	13.8	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
306999 2001 WF_{77}			8 3.8 313°.61	6°.8/29.5 18		
	h m	° ′			°	m
6 30	21 22.05	−33 46.5	1.978	2.851	12.6	20.5
7 10	21 17.14	−35 2.3	1.915	2.847	10.0	20.3
7 20	21 9.90	−36 13.6	1.876	2.843	7.7	20.2
7 30	21 1.02	−37 12.7	1.862	2.839	6.8	20.1
8 9	20 51.53	−37 53.2	1.873	2.836	7.9	20.2
8 19	20 42.58	−38 11.8	1.910	2.832	10.3	20.3
8 29	20 35.25	−38 8.1	1.969	2.829	12.9	20.5
9 8	20 30.33	−37 44.7	2.048	2.825	15.3	20.7
169049 2001 FU_{86}			8 3.8 139°.90	1°.6/ 2.7 17		
6 30	21 23.69	−18 2.2	1.751	2.618	14.2	20.8
7 10	21 18.23	−18 59.4	1.688	2.627	10.6	20.6
7 20	21 10.49	−20 4.8	1.648	2.637	6.5	20.4
7 30	21 1.19	−21 12.2	1.634	2.645	2.4	20.1
8 9	20 51.37	−22 15.1	1.647	2.654	3.3	20.2
8 19	20 42.14	−23 8.0	1.687	2.661	7.4	20.5
8 29	20 34.53	−23 47.4	1.753	2.668	11.3	20.7
9 8	20 29.30	−24 12.4	1.840	2.675	14.6	21.0
146849 2002 AX_{98}			8 3.8 337°.34	3°.0/ 1.5 18		
6 30	21 17.71	−21 46.7	1.849	2.729	13.0	19.3
7 10	21 13.83	−22 52.2	1.777	2.723	9.7	19.1
7 20	21 7.84	−24 3.5	1.728	2.718	6.1	18.8
7 30	21 0.34	−25 14.5	1.704	2.713	3.2	18.6
8 9	20 52.24	−26 18.4	1.708	2.708	4.4	18.7
8 19	20 44.55	−27 9.9	1.737	2.703	7.9	18.9
8 29	20 38.28	−27 45.8	1.790	2.699	11.5	19.1
9 8	20 34.17	−28 5.2	1.865	2.696	14.6	19.3
468497 2005 HR_{2}			8 3.8 76°.27	3°.9/ 6.1 17		
6 30	21 23.10	− 6 39.6	1.427	2.277	17.8	21.4
7 10	21 17.91	− 6 39.9	1.375	2.296	13.9	21.2
7 20	21 10.30	− 6 58.7	1.343	2.316	9.5	21.0
7 30	21 1.11	− 7 33.9	1.334	2.335	5.3	20.8
8 9	20 51.52	− 8 21.0	1.349	2.355	4.1	20.8
8 19	20 42.72	− 9 13.9	1.390	2.374	7.5	21.0
8 29	20 35.79	−10 6.8	1.456	2.393	11.5	21.3
9 8	20 31.44	−10 54.5	1.543	2.412	15.1	21.6
13055 Kreppein			8 3.8 269°.98	7°.7/29.1 18		
6 30	21 25.52	−36 0.0	1.950	2.817	13.0	18.4
7 10	21 19.98	−37 13.5	1.875	2.800	10.5	18.2
7 20	21 11.80	−38 21.3	1.823	2.784	8.5	18.0
7 30	21 1.70	−39 15.1	1.796	2.767	7.7	17.9
8 9	20 50.79	−39 47.8	1.795	2.749	8.8	18.0
8 19	20 40.36	−39 55.8	1.818	2.732	11.2	18.1
8 29	20 31.69	−39 39.1	1.863	2.714	13.9	18.2
9 8	20 25.68	−39 1.1	1.929	2.696	16.4	18.4
399232 2014 HQ			8 3.8 40°.33	0°.4/ 3.5 18		
6 30	21 18.20	−15 42.7	1.791	2.662	13.8	20.8
7 10	21 14.01	−16 23.3	1.732	2.672	10.3	20.6
7 20	21 7.82	−17 13.1	1.695	2.684	6.3	20.4
7 30	21 0.29	−18 7.5	1.683	2.695	2.0	20.1
8 9	20 52.36	−19 1.0	1.697	2.707	2.4	20.2
8 19	20 44.97	−19 48.9	1.739	2.719	6.6	20.5
8 29	20 39.03	−20 27.4	1.805	2.732	10.3	20.7
9 8	20 35.18	−20 54.6	1.893	2.745	13.6	21.0
139880 2001 RL_{85}			8 3.8 258°.73	3°.1/ 5.9 17		
6 30	21 20.17	− 7 19.5	1.775	2.618	15.2	20.6
7 10	21 15.71	− 7 31.7	1.686	2.605	11.9	20.3
7 20	21 9.06	− 8 0.2	1.618	2.591	8.2	20.1
7 30	21 0.78	− 8 43.6	1.575	2.578	4.4	19.8
8 9	20 51.77	− 9 37.9	1.557	2.564	3.4	19.7
8 19	20 43.05	−10 38.2	1.566	2.550	6.8	19.9
8 29	20 35.69	−11 38.7	1.600	2.535	10.9	20.1
9 8	20 30.51	−12 34.6	1.657	2.521	14.6	20.3
175528 2006 SQ_{90}			8 3.8 234°.97	0°.3/ 4.0 18		
6 30	21 19.68	−14 57.9	2.101	2.959	12.6	21.2
7 10	21 14.93	−15 15.6	2.024	2.957	9.5	21.0
7 20	21 8.34	−15 41.3	1.969	2.955	5.9	20.8
7 30	21 0.48	−16 12.0	1.941	2.953	2.0	20.5
8 9	20 52.14	−16 44.0	1.940	2.950	2.0	20.5
8 19	20 44.20	−17 13.8	1.967	2.948	5.9	20.8
8 29	20 37.50	−17 38.4	2.019	2.946	9.5	21.0
9 8	20 32.69	−17 55.9	2.095	2.943	12.6	21.2
273632 2007 DU_{45}			8 3.8 257°.70	0°.0/ 3.6 17		
6 30	21 23.47	−16 4.5	1.692	2.557	14.7	21.5
7 10	21 18.31	−16 15.4	1.608	2.545	11.2	21.3
7 20	21 10.71	−16 34.9	1.545	2.532	7.0	21.0
7 30	21 1.34	−16 59.5	1.507	2.519	2.3	20.7
8 9	20 51.20	−17 24.9	1.496	2.506	2.5	20.6
8 19	20 41.48	−17 46.8	1.511	2.493	7.3	20.9
8 29	20 33.35	−18 2.1	1.551	2.479	11.6	21.1
9 8	20 27.66	−18 9.1	1.613	2.466	15.5	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
67088 2000 AN_{51}			8 3.8 326°.30	6°.3/ 6.6 18		
	h m	° ′			°	m
6 30	21 18.57	− 4 44.9	1.443	2.293	17.7	17.7
7 10	21 14.94	− 3 54.1	1.358	2.275	14.4	17.5
7 20	21 8.79	− 3 19.6	1.292	2.257	10.7	17.2
7 30	21 0.74	− 3 3.4	1.248	2.240	7.4	17.0
8 9	20 51.82	− 3 5.5	1.227	2.224	6.4	16.9
8 19	20 43.24	− 3 23.4	1.230	2.209	8.9	17.0
8 29	20 36.26	− 3 52.6	1.256	2.195	12.8	17.2
9 8	20 31.85	− 4 27.0	1.301	2.181	16.7	17.4
294647 2008 AK_{69}			8 3.8 187°.44	0°.7/ 3.4 17		
6 30	21 23.62	−16 28.2	1.778	2.641	14.2	22.3
7 10	21 18.22	−17 6.7	1.704	2.641	10.7	22.0
7 20	21 10.54	−17 54.3	1.653	2.640	6.6	21.8
7 30	21 1.25	−18 46.3	1.627	2.639	2.1	21.5
8 9	20 51.34	−19 37.1	1.628	2.637	2.7	21.6
8 19	20 41.92	−20 21.5	1.657	2.635	7.1	21.8
8 29	20 34.05	−20 55.9	1.711	2.632	11.2	22.1
9 8	20 28.52	−21 18.6	1.787	2.629	14.7	22.3
343840 2011 HY_{31}			8 3.8 352°.81	9°.4/27.9 18		
6 30	21 16.54	−31 46.4	1.223	2.129	16.4	19.3
7 10	21 14.17	−33 55.4	1.170	2.122	13.0	19.0
7 20	21 8.63	−36 3.0	1.138	2.116	10.3	18.9
7 30	21 0.72	−37 55.3	1.129	2.111	9.5	18.8
8 9	20 51.87	−39 19.8	1.141	2.108	11.3	18.9
8 19	20 43.74	−40 9.2	1.175	2.106	14.5	19.1
8 29	20 37.92	−40 22.7	1.227	2.105	17.9	19.3
9 8	20 35.42	−40 4.3	1.296	2.105	20.9	19.5
443794 2015 MS_{93}			8 3.9 222°.93	11°.3/12.2 16		
6 30	21 19.99	+13 58.2	2.060	2.776	17.4	20.9
7 10	21 15.30	+15 8.5	1.980	2.773	15.6	20.8
7 20	21 8.67	+15 55.4	1.917	2.770	13.8	20.6
7 30	21 0.64	+16 14.8	1.875	2.767	12.2	20.5
8 9	20 52.01	+16 5.0	1.854	2.763	11.4	20.4
8 19	20 43.67	+15 27.2	1.856	2.759	11.6	20.5
8 29	20 36.54	+14 25.7	1.881	2.756	12.7	20.5
9 8	20 31.33	+13 7.6	1.927	2.752	14.4	20.6
70633 1999 TG_{223}			8 3.9 187°.73	7°.1/30.1 18		
6 30	21 26.74	−35 32.4	1.957	2.823	13.0	19.6
7 10	21 20.63	−36 31.9	1.897	2.822	10.4	19.4
7 20	21 12.03	−37 24.4	1.859	2.822	8.1	19.3
7 30	21 1.74	−38 2.2	1.847	2.821	7.1	19.2
8 9	20 50.92	−38 19.8	1.860	2.821	8.1	19.3
8 19	20 40.79	−38 14.7	1.899	2.820	10.4	19.4
8 29	20 32.49	−37 47.9	1.960	2.819	13.0	19.6
9 8	20 26.80	−37 3.0	2.042	2.817	15.4	19.7
169870 2002 RA_{96}			8 3.9 291°.82	1°.5/ 2.9 18		
6 30	21 21.39	−20 1.7	1.857	2.729	13.4	19.7
7 10	21 16.63	−20 22.6	1.770	2.711	10.0	19.5
7 20	21 9.63	−20 48.7	1.705	2.694	6.2	19.2
7 30	21 0.99	−21 15.9	1.665	2.677	2.3	18.9
8 9	20 51.65	−21 39.5	1.652	2.660	3.1	18.9
8 19	20 42.67	−21 55.6	1.666	2.643	7.3	19.1
8 29	20 35.12	−22 2.0	1.704	2.625	11.2	19.3
9 8	20 29.82	−21 57.9	1.765	2.609	14.7	19.5
247414 2002 CF_{150}			8 3.9 11°.76	0°.3/ 3.6 18		
6 30	21 19.32	−14 11.4	1.678	2.547	14.7	20.5
7 10	21 15.12	−15 6.3	1.608	2.547	11.0	20.2
7 20	21 8.68	−16 14.0	1.559	2.547	6.8	20.0
7 30	21 0.67	−17 29.5	1.535	2.547	2.2	19.7
8 9	20 52.04	−18 45.7	1.538	2.548	2.6	19.7
8 19	20 43.88	−19 56.2	1.567	2.548	7.1	20.0
8 29	20 37.23	−20 55.7	1.621	2.549	11.3	20.3
9 8	20 32.88	−21 41.2	1.697	2.549	14.9	20.5
324327 2006 JB_{72}			8 3.9 5°.58	4°.5/ 7.6 18		
6 30	21 15.80	− 2 17.3	2.289	3.103	13.1	20.5
7 10	21 11.87	− 2 8.0	2.210	3.103	10.6	20.4
7 20	21 6.40	− 2 13.4	2.152	3.104	7.9	20.2
7 30	20 59.86	− 2 33.2	2.119	3.105	5.4	20.0
8 9	20 52.93	− 3 5.6	2.113	3.106	4.5	20.0
8 19	20 46.32	− 3 47.5	2.133	3.108	6.1	20.1
8 29	20 40.73	− 4 35.0	2.179	3.109	8.7	20.2
9 8	20 36.73	− 5 23.9	2.250	3.112	11.3	20.4
362529 2010 UW_{5}			8 3.9 294°.93	3°.6/ 1.4 18		
6 30	21 22.23	−27 10.5	2.182	3.052	11.7	20.9
7 10	21 16.90	−27 38.3	2.108	3.046	8.9	20.7
7 20	21 9.59	−28 5.0	2.057	3.040	5.9	20.5
7 30	21 0.94	−28 25.8	2.033	3.035	3.7	20.4
8 9	20 51.83	−28 36.8	2.035	3.029	4.6	20.5
8 19	20 43.19	−28 35.4	2.065	3.024	7.4	20.6
8 29	20 35.93	−28 21.1	2.120	3.018	10.5	20.8
9 8	20 30.71	−27 55.0	2.198	3.013	13.2	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
121205 1999 PG_1			8 3.9 351°.11	0°.4/ 4.1 18		
	h m	° ′			°	m
6 30	21 13.85	−14 18.1	1.388	2.276	16.0	18.8
7 10	21 11.43	−14 39.1	1.316	2.265	12.2	18.5
7 20	21 6.59	−15 13.2	1.264	2.255	7.6	18.2
7 30	21 0.02	−15 56.7	1.235	2.247	2.7	17.9
8 9	20 52.76	−16 43.8	1.230	2.241	2.6	17.9
8 19	20 46.00	−17 28.7	1.248	2.236	7.6	18.2
8 29	20 40.89	−18 6.0	1.289	2.232	12.3	18.4
9 8	20 38.29	−18 32.2	1.351	2.230	16.3	18.7
3749 Balam			8 3.9 205°.93	1°.1/ 4.4 18		
6 30	21 25.76	−13 54.3	1.614	2.473	15.7	17.2
7 10	21 20.03	−13 55.3	1.537	2.470	11.9	16.9
7 20	21 11.78	−14 6.3	1.482	2.466	7.6	16.7
7 30	21 1.73	−14 24.7	1.451	2.461	2.9	16.4
8 9	20 50.98	−14 46.4	1.446	2.457	2.5	16.3
8 19	20 40.77	−15 7.3	1.468	2.451	7.3	16.6
8 29	20 32.29	−15 24.2	1.515	2.446	11.7	16.9
9 8	20 26.38	−15 34.8	1.584	2.439	15.6	17.1
508104 2015 DM_{164}			8 3.9 92°.90	1°.9/ 2.7 17		
6 30	21 23.13	−20 1.1	1.645	2.519	14.6	21.8
7 10	21 17.94	−20 36.2	1.583	2.526	10.9	21.6
7 20	21 10.38	−21 17.0	1.544	2.533	6.7	21.4
7 30	21 1.22	−21 58.0	1.529	2.540	2.6	21.1
8 9	20 51.56	−22 33.5	1.540	2.547	3.5	21.2
8 19	20 42.55	−22 59.3	1.578	2.554	7.7	21.5
8 29	20 35.28	−23 12.9	1.640	2.560	11.7	21.7
9 8	20 30.49	−23 14.2	1.724	2.567	15.1	22.0
510633 2012 TF_{189}			8 3.9 232°.01	3°.4/ 1.4 18		
6 30	21 23.07	−25 2.6	2.096	2.965	12.2	22.2
7 10	21 17.67	−25 47.5	2.017	2.956	9.2	22.0
7 20	21 10.17	−26 33.9	1.962	2.947	6.0	21.8
7 30	21 1.17	−27 16.5	1.933	2.937	3.5	21.6
8 9	20 51.58	−27 50.1	1.931	2.927	4.6	21.7
8 19	20 42.39	−28 11.1	1.957	2.917	7.7	21.8
8 29	20 34.59	−28 17.8	2.008	2.907	11.0	22.0
9 8	20 28.93	−28 10.6	2.082	2.896	13.9	22.2
21023 1989 DK			8 3.9 201°.67	1°.7/ 4.8 18		
6 30	21 24.29	−12 51.0	2.021	2.867	13.5	17.4
7 10	21 18.43	−12 36.1	1.940	2.864	10.3	17.2
7 20	21 10.55	−12 29.1	1.882	2.861	6.7	17.0
7 30	21 1.28	−12 28.5	1.850	2.858	2.9	16.7
8 9	20 51.49	−12 32.0	1.845	2.855	2.4	16.7
8 19	20 42.15	−12 37.2	1.869	2.851	6.1	16.9
8 29	20 34.17	−12 41.9	1.919	2.846	9.8	17.1
9 8	20 28.26	−12 44.1	1.993	2.842	13.1	17.3
244779 2003 SU_{167}			8 3.9 333°.14	4°.3/ 1.6 17		
6 30	21 18.47	−22 21.1	1.101	2.007	17.8	19.6
7 10	21 15.69	−23 21.2	1.035	1.994	13.5	19.3
7 20	21 9.66	−24 30.2	0.987	1.981	8.6	18.9
7 30	21 1.14	−25 38.9	0.961	1.970	4.6	18.7
8 9	20 51.59	−26 36.7	0.957	1.959	6.3	18.7
8 19	20 42.68	−27 15.5	0.975	1.950	11.2	19.0
8 29	20 36.09	−27 31.3	1.012	1.942	16.2	19.2
9 8	20 32.92	−27 24.6	1.068	1.934	20.6	19.5
427686 2004 DB_{52}			8 3.9 188°.39	1°.5/ 2.9 17		
6 30	21 25.57	−19 52.1	2.093	2.951	12.6	22.6
7 10	21 19.40	−20 22.5	2.016	2.950	9.4	22.4
7 20	21 11.17	−20 57.4	1.962	2.949	5.8	22.2
7 30	21 1.49	−21 32.5	1.936	2.947	2.2	21.9
8 9	20 51.29	−22 3.3	1.937	2.944	2.9	22.0
8 19	20 41.54	−22 26.4	1.967	2.940	6.7	22.2
8 29	20 33.19	−22 39.6	2.024	2.936	10.2	22.4
9 8	20 26.96	−22 42.4	2.104	2.930	13.3	22.6
179399 2001 YS_{121}			8 3.9 278°.30	1°.6/ 4.8 18		
6 30	21 21.14	−12 42.8	2.114	2.963	12.8	20.2
7 10	21 16.10	−12 31.2	2.025	2.950	9.9	20.0
7 20	21 9.15	−12 27.6	1.958	2.938	6.4	19.8
7 30	21 0.84	−12 30.4	1.916	2.925	2.8	19.5
8 9	20 51.98	−12 37.5	1.903	2.912	2.3	19.5
8 19	20 43.43	−12 46.4	1.916	2.899	5.9	19.7
8 29	20 36.10	−12 54.7	1.957	2.886	9.5	19.9
9 8	20 30.67	−13 0.3	2.020	2.873	12.8	20.1
505457 2013 TV_{59}			8 3.9 197°.80	2°.9/ 5.5 17		
6 30	21 22.85	− 9 8.1	1.791	2.635	15.0	21.7
7 10	21 17.59	− 9 1.0	1.713	2.633	11.7	21.5
7 20	21 10.16	− 9 6.7	1.657	2.631	7.9	21.3
7 30	21 1.19	− 9 23.9	1.625	2.629	4.1	21.0
8 9	20 51.63	− 9 49.7	1.620	2.627	3.3	21.0
8 19	20 42.53	−10 20.3	1.641	2.624	6.7	21.2
8 29	20 34.89	−10 51.6	1.688	2.621	10.6	21.4
9 8	20 29.48	−11 20.2	1.758	2.617	14.1	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
32818 1991 PL_{10}			8 3.9 17°.97	0°.4/ 4.1 18		
	h m	° ′			°	m
6 30	21 16.00	−11 51.7	1.264	2.148	17.5	17.5
7 10	21 13.11	−12 50.2	1.208	2.154	13.2	17.2
7 20	21 7.64	−14 7.2	1.171	2.161	8.3	17.0
7 30	21 0.38	−15 36.6	1.156	2.168	2.9	16.7
8 9	20 52.50	−17 9.2	1.166	2.177	2.7	16.7
8 19	20 45.29	−18 35.9	1.200	2.186	8.0	17.1
8 29	20 39.94	−19 49.3	1.257	2.197	12.7	17.4
9 8	20 37.27	−20 45.4	1.334	2.208	16.8	17.6
429432 2010 VZ_{14}			8 3.9 262°.49	2°.8/ 2.4 17		
6 30	21 25.31	−22 48.8	1.612	2.488	14.8	21.0
7 10	21 19.89	−23 15.1	1.534	2.477	11.2	20.8
7 20	21 11.80	−23 44.8	1.477	2.466	7.0	20.5
7 30	21 1.78	−24 12.2	1.446	2.455	3.3	20.3
8 9	20 50.99	−24 31.3	1.440	2.443	4.3	20.3
8 19	20 40.74	−24 38.2	1.459	2.432	8.5	20.5
8 29	20 32.30	−24 31.4	1.503	2.420	12.8	20.8
9 8	20 26.57	−24 11.6	1.568	2.408	16.5	21.0
477508 2010 CK_{140}			8 3.9 81°.83	4°.2/31.8 16		
6 30	21 22.22	−26 0.4	1.881	2.757	13.0	21.2
7 10	21 17.06	−27 3.9	1.828	2.770	9.8	21.1
7 20	21 9.76	−28 7.8	1.799	2.783	6.4	20.9
7 30	21 1.02	−29 5.4	1.795	2.796	4.3	20.8
8 9	20 51.86	−29 50.9	1.818	2.809	5.4	20.9
8 19	20 43.33	−30 20.4	1.867	2.822	8.4	21.1
8 29	20 36.41	−30 32.8	1.940	2.835	11.5	21.3
9 8	20 31.75	−30 29.2	2.035	2.847	14.2	21.5
260144 2004 QT_{27}			8 3.9 40°.71	0°.7/ 3.5 18		
6 30	21 22.60	−19 18.2	1.940	2.806	13.1	20.1
7 10	21 17.13	−19 13.5	1.876	2.815	9.8	20.0
7 20	21 9.69	−19 12.4	1.836	2.824	6.0	19.7
7 30	21 0.98	−19 12.1	1.821	2.833	2.0	19.5
8 9	20 51.92	−19 9.5	1.834	2.843	2.4	19.5
8 19	20 43.48	−19 2.7	1.874	2.853	6.3	19.8
8 29	20 36.52	−18 50.5	1.939	2.864	9.9	20.1
9 8	20 31.68	−18 32.6	2.028	2.874	13.0	20.3
42652 1998 FS_{78}			8 3.9 308°.53	1°.2/ 3.2 18		
6 30	21 19.25	−16 27.0	1.293	2.181	17.0	18.2
7 10	21 15.88	−17 13.4	1.214	2.164	12.8	17.9
7 20	21 9.63	−18 14.3	1.155	2.147	8.0	17.5
7 30	21 1.14	−19 23.7	1.118	2.131	2.7	17.2
8 9	20 51.63	−20 33.4	1.105	2.115	3.6	17.2
8 19	20 42.52	−21 35.1	1.116	2.099	9.1	17.5
8 29	20 35.31	−22 22.5	1.150	2.084	14.2	17.7
9 8	20 31.09	−22 52.6	1.202	2.070	18.7	17.9
508543 2016 TD_9			8 3.9 250°.40	3°.0/ 5.8 18		
6 30	21 19.84	− 8 7.6	2.004	2.843	13.8	21.0
7 10	21 15.14	− 8 1.5	1.924	2.841	10.8	20.8
7 20	21 8.55	− 8 7.8	1.866	2.838	7.4	20.6
7 30	21 0.65	− 8 25.4	1.833	2.835	4.1	20.4
8 9	20 52.24	− 8 51.7	1.826	2.832	3.3	20.3
8 19	20 44.20	− 9 23.4	1.847	2.829	6.1	20.5
8 29	20 37.41	− 9 56.8	1.893	2.826	9.6	20.7
9 8	20 32.55	−10 28.3	1.963	2.823	12.8	20.9
264898 2002 TW_{56}			8 3.9 292°.27	5°.8/31.6 18		
6 30	21 24.20	−27 58.5	1.471	2.358	15.4	19.9
7 10	21 19.47	−28 56.9	1.397	2.343	11.8	19.7
7 20	21 11.76	−29 56.1	1.343	2.328	8.2	19.4
7 30	21 1.83	−30 47.3	1.314	2.313	5.9	19.3
8 9	20 50.95	−31 22.2	1.308	2.298	7.2	19.3
8 19	20 40.65	−31 35.7	1.327	2.284	10.9	19.5
8 29	20 32.37	−31 26.3	1.368	2.269	14.9	19.7
9 8	20 27.14	−30 56.7	1.428	2.255	18.4	19.9
314326 2005 SF_{285}			8 3.9 284°.68	2°.6/ 1.6 18		
6 30	21 18.45	−21 36.4	2.150	3.022	11.8	21.1
7 10	21 14.22	−22 39.6	2.067	3.009	8.8	20.9
7 20	21 8.06	−23 48.4	2.008	2.997	5.5	20.6
7 30	21 0.51	−24 57.4	1.976	2.984	2.8	20.4
8 9	20 52.35	−26 0.9	1.971	2.972	3.9	20.5
8 19	20 44.48	−26 53.8	1.994	2.959	7.2	20.7
8 29	20 37.80	−27 33.1	2.042	2.946	10.5	20.9
9 8	20 33.03	−27 57.7	2.113	2.934	13.5	21.0
358960 2008 LS_1			8 3.9 89°.16	3°.1/ 6.9 18		
6 30	21 17.04	− 3 39.4	2.376	3.192	12.6	21.1
7 10	21 12.70	− 4 13.1	2.307	3.207	10.0	21.0
7 20	21 6.86	− 5 1.8	2.261	3.222	7.0	20.8
7 30	21 0.04	− 6 3.3	2.241	3.236	4.2	20.7
8 9	20 52.91	− 7 14.0	2.248	3.251	3.2	20.6
8 19	20 46.13	− 8 29.3	2.285	3.265	5.2	20.8
8 29	20 40.40	− 9 44.3	2.348	3.280	8.1	21.0
9 8	20 36.21	−10 54.8	2.437	3.294	10.7	21.2

479567 2014 CC_8 8 3.9 238°.89 3°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.30	−25 0.1	2.139	3.001	12.2	22.4
7 10	21 20.09	−25 26.1	2.051	2.986	9.2	22.2
7 20	21 11.69	−25 52.6	1.986	2.971	6.0	21.9
7 30	21 1.72	−26 14.9	1.949	2.955	3.3	21.7
8 9	20 51.11	−26 28.6	1.939	2.938	4.2	21.8
8 19	20 40.89	−26 30.5	1.958	2.921	7.4	21.9
8 29	20 32.08	−26 19.9	2.002	2.903	10.8	22.1
9 8	20 25.46	−25 57.4	2.069	2.885	13.9	22.3

264009 2009 OM_{24} 8 3.9 342°.11 7°.1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.15	−33 16.1	1.963	2.842	12.4	19.4
7 10	21 15.10	−34 56.3	1.901	2.836	9.9	19.2
7 20	21 8.76	−36 33.4	1.863	2.831	7.8	19.1
7 30	21 0.77	−37 59.0	1.851	2.826	7.1	19.0
8 9	20 52.10	−39 5.6	1.864	2.822	8.3	19.1
8 19	20 43.86	−39 48.9	1.902	2.818	10.7	19.2
8 29	20 37.16	−40 7.7	1.963	2.814	13.3	19.4
9 8	20 32.79	−40 4.0	2.042	2.811	15.6	19.5

144300 2004 DC_3 8 3.9 86°.53 1°.1/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.26	−18 21.5	1.517	2.392	15.6	20.1
7 10	21 18.91	−18 45.1	1.458	2.401	11.7	19.8
7 20	21 11.05	−19 15.8	1.420	2.410	7.2	19.6
7 30	21 1.50	−19 48.6	1.406	2.419	2.4	19.3
8 9	20 51.44	−20 18.1	1.419	2.428	3.1	19.4
8 19	20 42.12	−20 39.9	1.456	2.436	7.7	19.7
8 29	20 34.69	−20 51.5	1.519	2.445	12.0	20.0
9 8	20 29.90	−20 52.3	1.602	2.454	15.6	20.2

185967 2001 HR_{15} 8 3.9 164°.66 9°.6/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.81	+13 9.8	2.268	2.975	16.2	20.7
7 10	21 17.17	+13 49.1	2.190	2.983	14.3	20.6
7 20	21 9.74	+14 5.4	2.130	2.989	12.3	20.5
7 30	21 1.05	+13 56.2	2.092	2.995	10.6	20.4
8 9	20 51.89	+13 21.2	2.077	2.999	9.7	20.3
8 19	20 43.07	+12 22.8	2.088	3.003	9.9	20.3
8 29	20 35.42	+11 6.0	2.124	3.006	11.2	20.4
9 8	20 29.59	+ 9 37.8	2.183	3.008	13.0	20.5

65203 2002 DU 8 3.9 297°.99 1°.2/ 4.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.14	−10 42.0	2.233	3.080	12.3	19.5
7 10	21 12.99	−11 18.5	2.155	3.080	9.4	19.3
7 20	21 7.17	−12 6.6	2.100	3.080	6.0	19.1
7 30	21 0.20	−13 3.3	2.070	3.080	2.5	18.9
8 9	20 52.78	−14 4.5	2.069	3.079	1.9	18.9
8 19	20 45.69	−15 5.6	2.096	3.079	5.4	19.1
8 29	20 39.68	−16 2.5	2.149	3.079	8.8	19.3
9 8	20 35.36	−16 51.8	2.227	3.079	11.8	19.5

227584 2006 AE_4 8 3.9 247°.05 3°.6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.34	−23 15.3	2.009	2.880	12.5	21.0
7 10	21 17.38	−24 34.3	1.923	2.864	9.4	20.7
7 20	21 10.18	−25 59.3	1.861	2.847	6.1	20.5
7 30	21 1.28	−27 23.3	1.826	2.830	3.7	20.3
8 9	20 51.59	−28 39.0	1.819	2.813	5.0	20.4
8 19	20 42.14	−29 40.6	1.838	2.795	8.4	20.5
8 29	20 34.02	−30 24.4	1.884	2.776	11.8	20.7
9 8	20 28.10	−30 50.0	1.950	2.758	14.9	20.9

125149 2001 UU_{81} 8 3.9 0°.96 0°.9/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.63	−16 32.2	1.003	1.907	19.4	19.1
7 10	21 15.76	−17 3.1	0.947	1.904	14.6	18.8
7 20	21 9.63	−17 48.4	0.908	1.903	9.0	18.5
7 30	21 1.15	−18 41.4	0.890	1.903	3.0	18.1
8 9	20 51.82	−19 33.6	0.893	1.904	3.7	18.2
8 19	20 43.32	−20 16.9	0.918	1.906	9.7	18.5
8 29	20 37.24	−20 45.8	0.964	1.909	15.1	18.9
9 8	20 34.55	−20 58.4	1.027	1.913	19.7	19.2

507633 2013 JZ_7 8 3.9 3°.20 9°.8/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.84	−30 7.6	0.925	1.845	19.0	20.1
7 10	21 15.00	−32 5.4	0.881	1.843	14.9	19.9
7 20	21 9.42	−34 2.0	0.856	1.842	11.2	19.7
7 30	21 1.11	−35 41.5	0.851	1.843	9.8	19.6
8 9	20 51.87	−36 49.7	0.865	1.846	11.7	19.7
8 19	20 43.69	−37 19.6	0.899	1.850	15.4	20.0
8 29	20 38.35	−37 11.4	0.950	1.855	19.4	20.2
9 8	20 36.86	−36 31.2	1.016	1.862	22.9	20.5

217663 1998 SD_{77} 8 3.9 19°.16 1°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.41	−11 53.5	1.927	2.783	13.6	19.4
7 10	21 14.09	−11 53.6	1.857	2.787	10.4	19.2
7 20	21 7.90	−12 3.8	1.810	2.791	6.7	19.0
7 30	21 0.45	−12 22.2	1.788	2.796	3.0	18.8
8 9	20 52.57	−12 45.5	1.792	2.801	2.3	18.8
8 19	20 45.17	−13 10.4	1.823	2.807	5.9	19.0
8 29	20 39.08	−13 33.7	1.879	2.813	9.6	19.2
9 8	20 34.94	−13 52.7	1.958	2.820	12.8	19.5

177205 2003 UU_{98} 8 3.9 264°.72 2°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.26	−20 47.6	1.547	2.424	15.2	20.6
7 10	21 19.27	−21 24.4	1.465	2.410	11.5	20.3
7 20	21 11.54	−22 8.0	1.406	2.395	7.2	20.1
7 30	21 1.77	−22 52.2	1.370	2.381	3.0	19.8
8 9	20 51.11	−23 30.5	1.360	2.366	4.1	19.8
8 19	20 40.89	−23 57.4	1.376	2.351	8.7	20.0
8 29	20 32.47	−24 10.0	1.415	2.335	13.2	20.3
9 8	20 26.81	−24 7.9	1.475	2.320	17.1	20.5

37268 2000 XB_{24} 8 3.9 333°.50 4°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.49	−28 23.9	1.743	2.623	13.7	18.0
7 10	21 17.63	−28 48.4	1.668	2.611	10.4	17.8
7 20	21 10.32	−29 10.8	1.616	2.600	7.1	17.5
7 30	21 1.31	−29 25.0	1.588	2.589	4.7	17.4
8 9	20 51.67	−29 26.2	1.586	2.579	5.7	17.4
8 19	20 42.62	−29 11.5	1.609	2.570	9.0	17.6
8 29	20 35.29	−28 41.0	1.655	2.561	12.5	17.8
9 8	20 30.48	−27 56.8	1.723	2.553	15.7	18.0

449000 2012 BY_{53} 8 3.9 219°.99 1°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.10	−10 3.7	2.749	3.584	10.6	21.5
7 10	21 12.72	−10 48.5	2.658	3.577	8.1	21.4
7 20	21 6.92	−11 43.9	2.592	3.569	5.3	21.2
7 30	21 0.12	−12 47.2	2.553	3.562	2.2	20.9
8 9	20 52.90	−13 54.7	2.544	3.554	1.7	20.9
8 19	20 45.89	−15 2.6	2.564	3.545	4.7	21.1
8 29	20 39.72	−16 7.0	2.612	3.537	7.7	21.3
9 8	20 34.94	−17 4.7	2.686	3.528	10.3	21.4

284802 2008 YV_{117} 8 3.9 226°.15 1°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.45	−16 34.7	2.055	2.918	12.6	20.5
7 10	21 14.96	−17 36.1	1.976	2.914	9.4	20.3
7 20	21 8.52	−18 47.0	1.921	2.909	5.7	20.1
7 30	21 0.70	−20 2.3	1.892	2.904	2.0	19.8
8 9	20 52.29	−21 16.2	1.890	2.898	2.7	19.9
8 19	20 44.21	−22 23.0	1.917	2.893	6.6	20.1
8 29	20 37.37	−23 18.6	1.970	2.887	10.2	20.3
9 8	20 32.47	−24 0.9	2.046	2.881	13.3	20.5

425015 2009 DJ_{126} 8 3.9 327°.28 19°.3/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 48.63	−56 47.9	1.204	2.028	22.0	19.7
7 10	21 40.36	−58 2.0	1.154	2.013	20.5	19.5
7 20	21 25.67	−58 44.1	1.119	1.999	19.6	19.4
7 30	21 6.52	−58 36.2	1.101	1.986	19.4	19.4
8 9	20 46.61	−57 27.2	1.100	1.974	20.1	19.4
8 19	20 29.71	−55 19.0	1.116	1.962	21.6	19.5
8 29	20 18.31	−52 23.5	1.149	1.952	23.6	19.6
9 8	20 13.02	−48 57.9	1.197	1.942	25.7	19.7

377037 2002 SW_{43} 8 3.9 319°.07 2°.2/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.23	−20 6.8	1.227	2.122	17.2	20.9
7 10	21 16.85	−20 31.2	1.147	2.101	13.0	20.6
7 20	21 10.36	−21 4.1	1.087	2.080	8.1	20.2
7 30	21 1.48	−21 39.6	1.048	2.060	3.2	19.9
8 9	20 51.48	−22 10.4	1.033	2.041	4.3	19.9
8 19	20 41.95	−22 30.2	1.040	2.022	9.7	20.1
8 29	20 34.48	−22 35.5	1.069	2.005	14.9	20.4
9 8	20 30.22	−22 25.6	1.116	1.988	19.5	20.6

308602 2005 VO_{110} 8 3.9 25°.23 2°.4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.70	−22 16.6	2.134	3.005	11.9	20.9
7 10	21 15.03	−22 57.2	2.065	3.006	8.8	20.7
7 20	21 8.49	−23 41.0	2.019	3.007	5.5	20.5
7 30	21 0.68	−24 23.3	1.999	3.008	2.7	20.3
8 9	20 52.42	−24 59.5	2.007	3.009	3.6	20.3
8 19	20 44.59	−25 26.1	2.042	3.010	6.8	20.6
8 29	20 38.05	−25 41.1	2.103	3.012	10.0	20.8
9 8	20 33.45	−25 44.3	2.186	3.013	12.9	20.9

387430 2013 WD_3 8 3.9 309°.21 0°.3/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.53	−15 46.4	1.348	2.232	16.7	20.7
7 10	21 16.06	−16 12.3	1.262	2.209	12.7	20.4
7 20	21 9.76	−16 51.4	1.196	2.187	8.0	20.1
7 30	21 1.26	−17 39.3	1.153	2.165	2.7	19.7
8 9	20 51.69	−18 29.5	1.133	2.144	3.0	19.6
8 19	20 42.45	−19 15.2	1.138	2.123	8.6	19.9
8 29	20 35.00	−19 50.8	1.165	2.102	13.8	20.1
9 8	20 30.44	−20 13.3	1.211	2.082	18.3	20.4

390749 2003 SP_{225} 8 3.9 312°.56 7°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.99	−33 31.5	1.543	2.427	14.9	20.0
7 10	21 19.43	−34 34.0	1.465	2.404	12.0	19.8
7 20	21 11.83	−35 32.3	1.408	2.381	9.2	19.5
7 30	21 1.94	−36 16.8	1.374	2.359	7.9	19.4
8 9	20 51.04	−36 39.2	1.364	2.337	9.2	19.4
8 19	20 40.68	−36 35.0	1.378	2.316	12.2	19.6
8 29	20 32.38	−36 4.1	1.412	2.295	15.7	19.7
9 8	20 27.19	−35 10.4	1.466	2.275	18.9	19.9

252133 2000 YZ_8 8 3.9 234°.90 16°.9/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 28.93	+ 9 59.9	1.172	1.955	24.8	19.9
7 10	21 23.42	+12 39.0	1.105	1.950	22.2	19.7
7 20	21 14.49	+14 51.9	1.054	1.944	19.7	19.5
7 30	21 2.89	+16 26.9	1.021	1.939	17.7	19.4
8 9	20 50.00	+17 16.0	1.006	1.933	16.9	19.3
8 19	20 37.54	+17 17.0	1.011	1.927	17.7	19.4
8 29	20 27.29	+16 35.8	1.034	1.920	19.8	19.5
9 8	20 20.51	+15 24.3	1.073	1.914	22.4	19.6

449380 2013 GU_{98} 8 3.9 176°.71 5°.7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.37	+ 3 16.4	2.481	3.260	13.2	21.2
7 10	21 12.25	+ 3 19.0	2.398	3.260	11.0	21.1
7 20	21 6.66	+ 3 4.4	2.335	3.261	8.7	20.9
7 30	21 0.06	+ 2 32.4	2.296	3.261	6.6	20.8
8 9	20 53.07	+ 1 44.6	2.284	3.261	5.7	20.7
8 19	20 46.35	+ 0 44.1	2.298	3.261	6.5	20.8
8 29	20 40.57	− 0 24.7	2.339	3.261	8.6	20.9
9 8	20 36.28	− 1 36.5	2.405	3.261	10.9	21.1

76226 2000 EO_{70} 8 3.9 262°.64 3°.4/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.20	− 5 43.9	2.148	2.975	13.4	19.9
7 10	21 14.72	− 5 49.0	2.050	2.958	10.7	19.7
7 20	21 8.39	− 6 8.4	1.975	2.940	7.6	19.5
7 30	21 0.70	− 6 41.3	1.924	2.922	4.5	19.2
8 9	20 52.39	− 7 25.2	1.900	2.903	3.6	19.1
8 19	20 44.27	− 8 16.3	1.904	2.885	6.1	19.3
8 29	20 37.24	− 9 10.1	1.934	2.866	9.5	19.4
9 8	20 31.99	−10 2.3	1.988	2.847	12.7	19.6

476014 2007 RU_{132} 8 3.9 318°.75 1°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.32	−14 45.7	1.520	2.401	15.3	20.7
7 10	21 13.35	−15 58.5	1.435	2.381	11.6	20.4
7 20	21 7.93	−17 28.2	1.371	2.362	7.1	20.1
7 30	21 0.63	−19 8.8	1.331	2.343	2.4	19.7
8 9	20 52.43	−20 51.6	1.316	2.325	3.3	19.8
8 19	20 44.49	−22 27.4	1.328	2.308	8.3	20.0
8 29	20 38.08	−23 48.8	1.363	2.291	12.9	20.2
9 8	20 34.16	−24 51.2	1.418	2.275	17.0	20.4

96249 1994 PD_{22} 8 3.9 307°.18 0°.8/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.72	−16 51.8	1.188	2.079	17.9	20.3
7 10	21 17.29	−17 16.6	1.108	2.059	13.6	20.0
7 20	21 10.70	−17 54.4	1.047	2.039	8.5	19.6
7 30	21 1.63	−18 40.2	1.007	2.020	2.9	19.2
8 9	20 51.37	−19 26.4	0.991	2.001	3.5	19.2
8 19	20 41.53	−20 5.9	0.997	1.982	9.5	19.5
8 29	20 33.76	−20 33.2	1.025	1.964	15.0	19.8
9 8	20 29.26	−20 45.7	1.071	1.947	19.8	20.0

225841 2001 XB_{109} 8 3.9 131°.74 4°.9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.70	−28 8.8	2.002	2.872	12.6	20.2
7 10	21 18.93	−29 22.9	1.948	2.884	9.6	20.1
7 20	21 10.97	−30 36.0	1.916	2.896	6.6	19.9
7 30	21 1.53	−31 41.0	1.912	2.907	4.9	19.8
8 9	20 51.62	−32 31.6	1.935	2.917	6.0	19.9
8 19	20 42.30	−33 4.2	1.984	2.927	8.7	20.1
8 29	20 34.57	−33 17.8	2.058	2.937	11.6	20.3
9 8	20 29.13	−33 14.1	2.153	2.946	14.2	20.5

84321 2002 TB_{47} 8 3.9 255°.91 5°.4/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.87	−27 45.3	1.616	2.496	14.5	19.9
7 10	21 19.70	−28 48.1	1.545	2.488	11.1	19.7
7 20	21 11.79	−29 51.6	1.496	2.480	7.7	19.5
7 30	21 1.89	−30 47.3	1.472	2.471	5.5	19.3
8 9	20 51.20	−31 27.8	1.473	2.462	6.8	19.4
8 19	20 41.07	−31 48.2	1.500	2.453	10.2	19.6
8 29	20 32.83	−31 47.2	1.549	2.444	13.8	19.8
9 8	20 27.40	−31 27.1	1.618	2.435	17.1	20.0

477073 2009 BW_{73} 8 3.9 146°.94 1°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.69	−18 22.6	2.149	3.011	12.1	21.6
7 10	21 15.72	−19 7.2	2.080	3.017	9.0	21.4
7 20	21 8.91	−19 58.0	2.034	3.022	5.5	21.2
7 30	21 0.84	−20 50.5	2.015	3.027	2.0	21.0
8 9	20 52.33	−21 40.0	2.024	3.031	2.7	21.0
8 19	20 44.25	−22 22.2	2.061	3.035	6.3	21.3
8 29	20 37.43	−22 54.5	2.124	3.039	9.6	21.5
9 8	20 32.50	−23 15.6	2.210	3.043	12.6	21.7

354799 2005 UY_{519} 8 3.9 141°.72 0°.2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.20	−14 38.0	2.514	3.363	11.0	22.3
7 10	21 14.31	−15 4.3	2.441	3.370	8.3	22.2
7 20	21 7.91	−15 37.5	2.393	3.377	5.1	22.0
7 30	21 0.49	−16 14.9	2.372	3.384	1.8	21.7
8 9	20 52.73	−16 53.1	2.380	3.390	1.7	21.7
8 19	20 45.32	−17 28.9	2.416	3.396	5.0	22.0
8 29	20 38.95	−17 59.7	2.480	3.402	8.1	22.2
9 8	20 34.15	−18 23.8	2.568	3.408	10.8	22.4

250067 2002 EP_{62} 8 3.9 249°.36 3°.0/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.30	− 8 39.1	1.501	2.355	16.9	20.7
7 10	21 17.69	− 8 42.5	1.422	2.348	13.2	20.5
7 20	21 10.53	− 9 2.7	1.362	2.340	8.9	20.2
7 30	21 1.49	− 9 38.0	1.326	2.331	4.6	19.9
8 9	20 51.64	−10 24.1	1.315	2.323	3.5	19.9
8 19	20 42.23	−11 15.6	1.329	2.314	7.6	20.1
8 29	20 34.49	−12 6.6	1.368	2.306	12.1	20.3
9 8	20 29.33	−12 52.1	1.427	2.297	16.2	20.6

62016 2000 RP_{42} 8 3.9 333°.50 5°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.46	− 4 19.9	1.857	2.688	15.1	18.2
7 10	21 14.31	− 3 50.0	1.775	2.680	12.2	18.0
7 20	21 8.19	− 3 35.0	1.713	2.673	8.9	17.8
7 30	21 0.65	− 3 35.4	1.675	2.666	6.0	17.6
8 9	20 52.55	− 3 49.9	1.663	2.660	5.1	17.6
8 19	20 44.80	− 4 15.8	1.676	2.654	7.1	17.7
8 29	20 38.33	− 4 48.9	1.715	2.648	10.4	17.8
9 8	20 33.86	− 5 24.7	1.775	2.643	13.6	18.0

11380 1998 SK_{100} 8 3.9 346°.46 0°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.06	−15 51.9	1.404	2.281	16.6	17.6
7 10	21 18.33	−15 51.3	1.336	2.278	12.6	17.4
7 20	21 10.91	−16 0.1	1.287	2.276	7.9	17.1
7 30	21 1.60	−16 14.9	1.262	2.274	2.7	16.8
8 9	20 51.61	−16 31.1	1.262	2.273	2.6	16.8
8 19	20 42.27	−16 44.8	1.286	2.271	7.8	17.1
8 29	20 34.83	−16 52.7	1.334	2.271	12.5	17.4
9 8	20 30.17	−16 53.1	1.403	2.270	16.5	17.6

512529 2016 RE_{42} 8 3.9 241°.62 4°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.61	− 2 23.6	2.077	2.893	14.2	21.9
7 10	21 14.28	− 2 31.2	1.988	2.884	11.5	21.7
7 20	21 8.11	− 2 56.1	1.921	2.876	8.5	21.5
7 30	21 0.63	− 3 37.7	1.878	2.868	5.6	21.3
8 9	20 52.59	− 4 33.3	1.861	2.859	4.5	21.2
8 19	20 44.82	− 5 38.8	1.872	2.850	6.4	21.3
8 29	20 38.18	− 6 48.6	1.909	2.841	9.6	21.5
9 8	20 33.36	− 7 57.5	1.970	2.831	12.7	21.7

181145 2005 QC_{178} 8 3.9 356°.71 4°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.53	−28 2.9	1.907	2.782	12.9	20.2
7 10	21 18.14	−28 30.2	1.841	2.781	9.8	20.0
7 20	21 10.53	−28 55.4	1.797	2.780	6.6	19.8
7 30	21 1.42	−29 13.2	1.778	2.779	4.4	19.7
8 9	20 51.84	−29 19.0	1.786	2.779	5.3	19.7
8 19	20 42.87	−29 10.4	1.820	2.779	8.3	19.9
8 29	20 35.53	−28 47.4	1.879	2.779	11.5	20.1
9 8	20 30.52	−28 11.7	1.959	2.779	14.4	20.3

40196 1998 RM_{80} 8 3.9 320°.71 4°.6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.26	−28 59.1	2.054	2.929	12.1	18.0
7 10	21 16.44	−29 38.9	1.980	2.919	9.3	17.8
7 20	21 9.50	−30 16.9	1.928	2.909	6.4	17.6
7 30	21 1.10	−30 47.6	1.902	2.900	4.6	17.5
8 9	20 52.15	−31 6.0	1.903	2.891	5.6	17.6
8 19	20 43.66	−31 9.4	1.930	2.882	8.4	17.7
8 29	20 36.62	−30 56.9	1.981	2.873	11.4	17.9
9 8	20 31.74	−30 29.9	2.054	2.865	14.1	18.1

186725 2004 BV_{134} 8 3.9 246°.36 2°.1/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.25	−20 39.9	1.800	2.667	13.9	21.9
7 10	21 19.74	−21 15.6	1.712	2.651	10.5	21.7
7 20	21 11.75	−21 57.2	1.646	2.634	6.5	21.4
7 30	21 1.92	−22 39.4	1.607	2.617	2.7	21.1
8 9	20 51.25	−23 16.3	1.594	2.599	3.7	21.1
8 19	20 40.94	−23 43.4	1.608	2.581	7.9	21.3
8 29	20 32.18	−23 57.7	1.648	2.562	12.0	21.6
9 8	20 25.86	−23 58.9	1.709	2.542	15.6	21.7

61051 2000 KC_{73} 8 3.9 81°.83 2°.0/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.82	− 9 0.3	1.323	2.187	18.1	18.5
7 10	21 17.38	− 9 39.1	1.265	2.198	13.9	18.3
7 20	21 10.30	−10 37.9	1.227	2.209	9.1	18.1
7 30	21 1.39	−11 51.8	1.211	2.220	4.0	17.8
8 9	20 51.89	−13 13.5	1.221	2.231	2.9	17.8
8 19	20 43.10	−14 34.6	1.255	2.242	7.7	18.1
8 29	20 36.24	−15 47.6	1.313	2.253	12.4	18.4
9 8	20 32.14	−16 47.7	1.393	2.263	16.4	18.7

88432 2001 QR_{68} 8 3.9 315°.68 7°.1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.25	+ 0 49.4	1.379	2.214	19.1	18.5
7 10	21 12.72	+ 0 50.6	1.286	2.190	16.0	18.2
7 20	21 7.67	+ 0 23.5	1.211	2.166	12.3	17.9
7 30	21 0.63	− 0 34.1	1.157	2.143	8.8	17.7
8 9	20 52.57	− 2 0.1	1.125	2.120	7.1	17.5
8 19	20 44.69	− 3 47.9	1.117	2.099	9.2	17.6
8 29	20 38.35	− 5 47.5	1.131	2.077	13.2	17.7
9 8	20 34.59	− 7 47.2	1.166	2.057	17.5	17.9

279680 2011 FR_{32} 8 3.9 139°.52 1°.7/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.38	−19 9.1	1.739	2.611	14.1	21.2
7 10	21 17.40	−19 51.7	1.672	2.614	10.5	21.0
7 20	21 10.15	−20 41.0	1.627	2.617	6.5	20.7
7 30	21 1.33	−21 31.9	1.608	2.619	2.4	20.5
8 9	20 51.96	−22 18.3	1.615	2.622	3.3	20.6
8 19	20 43.13	−22 55.5	1.649	2.625	7.4	20.8
8 29	20 35.89	−23 20.5	1.708	2.627	11.3	21.1
9 8	20 31.00	−23 32.6	1.788	2.629	14.7	21.3

330374 2006 WD_{175} 8 3.9 81°.63 4°.1/ 1.3 17

6 30	21 24.28	−23 38.4	1.513	2.395	15.3	20.1
7 10	21 19.03	−24 51.0	1.466	2.412	11.4	19.9
7 20	21 11.21	−26 6.8	1.440	2.428	7.3	19.7
7 30	21 1.68	−27 17.2	1.439	2.444	4.3	19.6
8 9	20 51.66	−28 14.7	1.463	2.460	5.6	19.7
8 19	20 42.46	−28 54.0	1.513	2.476	9.2	20.0
8 29	20 35.22	−29 13.5	1.587	2.492	12.9	20.2
9 8	20 30.70	−29 14.7	1.680	2.508	16.1	20.5

385358 2002 PO_{138} 8 3.9 275°.65 6°.9/ 2.9 15

6 30	21 44.27	−32 38.3	1.076	1.952	20.5	20.8
7 10	21 35.92	−32 21.9	0.997	1.935	16.2	20.5
7 20	21 22.70	−31 51.5	0.936	1.916	11.4	20.2
7 30	21 5.76	−30 55.6	0.897	1.898	7.4	19.9
8 9	20 47.42	−29 27.0	0.882	1.879	8.1	19.9
8 19	20 30.40	−27 27.5	0.891	1.861	13.0	20.1
8 29	20 17.07	−25 7.1	0.923	1.842	18.5	20.3
9 8	20 8.70	−22 38.3	0.974	1.823	23.5	20.6

286066 2001 SY_{311} 8 3.9 271°.56 3°.1/ 2.0 18

6 30	21 24.25	−25 35.6	2.097	2.964	12.2	20.7
7 10	21 18.60	−25 54.6	2.014	2.952	9.2	20.5
7 20	21 10.83	−26 13.3	1.955	2.939	6.0	20.3
7 30	21 1.57	−26 27.2	1.921	2.927	3.3	20.1
8 9	20 51.75	−26 32.3	1.915	2.914	4.2	20.1
8 19	20 42.36	−26 26.1	1.936	2.901	7.4	20.3
8 29	20 34.40	−26 7.8	1.983	2.888	10.7	20.5
9 8	20 28.58	−25 38.5	2.053	2.876	13.7	20.6

260891 2005 QM_{152} 8 3.9 308°.79 2°.6/ 2.5 18

6 30	21 22.72	−23 39.2	1.891	2.764	13.1	20.3
7 10	21 17.66	−23 53.2	1.808	2.750	9.9	20.0
7 20	21 10.34	−24 8.4	1.748	2.736	6.2	19.8
7 30	21 1.44	−24 20.6	1.713	2.722	3.0	19.5
8 9	20 51.91	−24 25.5	1.705	2.709	3.8	19.6
8 19	20 42.83	−24 20.4	1.724	2.696	7.5	19.8
8 29	20 35.26	−24 4.0	1.767	2.683	11.2	20.0
9 8	20 29.96	−23 37.2	1.833	2.670	14.5	20.2

376934 2002 CM_{166} 8 3.9 141°.17 2°.0/ 2.5 17

6 30	21 24.67	−21 28.0	2.182	3.042	12.1	21.7
7 10	21 18.62	−22 2.3	2.119	3.054	9.0	21.6
7 20	21 10.68	−22 39.5	2.079	3.065	5.5	21.4
7 30	21 1.49	−23 15.2	2.066	3.076	2.4	21.2
8 9	20 51.92	−23 44.9	2.082	3.086	3.2	21.3
8 19	20 42.88	−24 5.8	2.126	3.096	6.5	21.5
8 29	20 35.23	−24 16.2	2.197	3.105	9.7	21.7
9 8	20 29.59	−24 16.1	2.290	3.113	12.5	21.9

339241 2004 VS_{16} 8 3.9 287°.55 5°.6/ 7.9 18

6 30	21 18.39	− 0 38.2	1.794	2.611	16.1	21.8
7 10	21 14.57	− 0 41.4	1.692	2.587	13.3	21.6
7 20	21 8.58	− 1 6.1	1.610	2.562	10.0	21.3
7 30	21 0.91	− 1 53.0	1.550	2.537	6.9	21.1
8 9	20 52.39	− 2 59.9	1.516	2.511	5.7	21.0
8 19	20 43.99	− 4 22.2	1.508	2.486	7.7	21.0
8 29	20 36.81	− 5 52.8	1.525	2.461	11.3	21.2
9 8	20 31.72	− 7 24.1	1.565	2.435	14.9	21.3

479274 2013 FR_{25} 8 3.9 220°.98 6°.2/28.3 18

6 30	21 24.32	−37 26.1	2.845	3.695	9.9	22.0
7 10	21 18.46	−38 42.8	2.772	3.683	8.1	21.9
7 20	21 10.69	−39 54.1	2.724	3.672	6.6	21.8
7 30	21 1.55	−40 54.3	2.703	3.659	6.2	21.8
8 9	20 51.81	−41 38.4	2.710	3.646	7.1	21.8
8 19	20 42.35	−42 3.7	2.743	3.633	8.8	21.9
8 29	20 34.05	−42 9.7	2.800	3.618	10.7	22.0
9 8	20 27.63	−41 58.3	2.879	3.604	12.5	22.1

453738 2011 BB_{125} 8 3.9 277°.38 0°.7/ 4.4 17

6 30	21 19.34	−14 28.2	2.439	3.289	11.3	21.9
7 10	21 14.61	−14 31.2	2.348	3.276	8.6	21.7
7 20	21 8.24	−14 40.7	2.280	3.262	5.4	21.5
7 30	21 0.71	−14 54.9	2.238	3.249	2.1	21.2
8 9	20 52.70	−15 11.1	2.225	3.236	1.8	21.2
8 19	20 44.96	−15 26.9	2.240	3.222	5.2	21.4
8 29	20 38.25	−15 39.9	2.282	3.208	8.5	21.6
9 8	20 33.15	−15 48.5	2.348	3.195	11.4	21.8

221879 2008 HJ_{18} 8 3.9 3°.45 8°.4/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.56	+ 6 14.8	1.703	2.497	17.7	20.0
7 10	21 10.79	+ 6 28.6	1.630	2.497	15.1	19.8
7 20	21 6.08	+ 6 16.1	1.575	2.497	12.3	19.6
7 30	21 0.01	+ 5 36.0	1.540	2.499	9.8	19.5
8 9	20 53.42	+ 4 29.9	1.529	2.501	8.4	19.4
8 19	20 47.22	+ 3 2.8	1.541	2.505	9.0	19.4
8 29	20 42.33	+ 1 22.4	1.577	2.509	11.3	19.6
9 8	20 39.43	− 0 22.5	1.637	2.514	14.0	19.8

446280 2014 DM_{21} 8 3.9 168°.61 14°.1/15.7 17

6 30	21 22.82	+18 13.2	1.411	2.132	23.8	21.1
7 10	21 18.26	+18 36.5	1.339	2.136	21.5	20.9
7 20	21 10.99	+18 19.5	1.280	2.140	18.9	20.8
7 30	21 1.73	+17 15.9	1.238	2.142	16.3	20.6
8 9	20 51.64	+15 25.0	1.215	2.144	14.5	20.5
8 19	20 42.07	+12 52.8	1.215	2.145	14.2	20.5
8 29	20 34.33	+ 9 51.7	1.237	2.146	15.6	20.6
9 8	20 29.37	+ 6 38.3	1.282	2.145	18.0	20.7

249983 2001 VF_{125} 8 3.9 113°.55 3°.9/ 6.7 18

6 30	21 19.62	− 5 5.6	2.183	3.005	13.4	20.1
7 10	21 14.85	− 4 49.9	2.106	3.009	10.7	19.9
7 20	21 8.39	− 4 47.2	2.052	3.012	7.7	19.7
7 30	21 0.76	− 4 57.2	2.022	3.015	4.9	19.5
8 9	20 52.71	− 5 17.9	2.019	3.018	4.0	19.5
8 19	20 45.04	− 5 46.5	2.044	3.021	6.0	19.6
8 29	20 38.51	− 6 19.7	2.095	3.024	9.0	19.8
9 8	20 33.73	− 6 53.5	2.169	3.027	11.8	20.0

77528 2001 HP_{58} 8 3.9 3°.19 2°.1/ 3.2 18

6 30	21 22.68	−22 35.8	1.296	2.188	16.7	18.0
7 10	21 18.22	−22 23.1	1.235	2.186	12.5	17.7
7 20	21 10.91	−22 11.9	1.194	2.186	7.8	17.4
7 30	21 1.66	−21 57.8	1.176	2.188	3.1	17.2
8 9	20 51.84	−21 37.0	1.182	2.190	3.8	17.2
8 19	20 42.89	−21 7.8	1.212	2.194	8.6	17.5
8 29	20 36.08	−20 30.0	1.264	2.199	13.2	17.8
9 8	20 32.22	−19 45.0	1.337	2.205	17.1	18.1

39625 1994 PV_{9} 8 3.9 338°.60 0°.7/ 4.4 18

6 30	21 18.20	−13 55.7	1.851	2.715	13.7	19.4
7 10	21 14.19	−14 11.1	1.773	2.709	10.4	19.2
7 20	21 8.17	−14 36.4	1.717	2.703	6.6	18.9
7 30	21 0.74	−15 8.7	1.686	2.698	2.4	18.7
8 9	20 52.76	−15 44.0	1.682	2.693	2.1	18.6
8 19	20 45.17	−16 18.2	1.704	2.688	6.3	18.9
8 29	20 38.92	−16 47.5	1.751	2.684	10.2	19.1
9 8	20 34.72	−17 9.5	1.820	2.680	13.6	19.3

348571 2005 WE_{4} 8 3.9 332°.95 8°.0/28.0 18

6 30	21 19.41	−33 59.5	1.758	2.641	13.4	19.4
7 10	21 15.69	−35 44.6	1.693	2.629	10.8	19.2
7 20	21 9.41	−37 26.7	1.652	2.618	8.7	19.1
7 30	21 1.23	−38 55.8	1.634	2.608	8.0	19.0
8 9	20 52.22	−40 3.6	1.642	2.598	9.4	19.1
8 19	20 43.66	−40 44.9	1.673	2.588	11.9	19.2
8 29	20 36.81	−40 58.4	1.726	2.579	14.7	19.4
9 8	20 32.59	−40 46.9	1.796	2.571	17.2	19.5

357895 2005 UH_{521} 8 3.9 351°.71 0°.6/ 3.5 18

6 30	21 18.82	−16 39.4	2.016	2.882	12.7	21.0
7 10	21 14.50	−17 11.5	1.943	2.881	9.5	20.8
7 20	21 8.28	−17 51.3	1.892	2.880	5.8	20.5
7 30	21 0.76	−18 34.9	1.867	2.879	1.9	20.3
8 9	20 52.75	−19 17.9	1.869	2.878	2.3	20.3
8 19	20 45.15	−19 56.1	1.898	2.878	6.2	20.6
8 29	20 38.82	−20 26.2	1.953	2.877	9.8	20.8
9 8	20 34.41	−20 46.7	2.030	2.877	13.0	21.0

273498 2007 AX_{18} 8 3.9 141°.12 1°.2/ 3.1 17

6 30	21 22.16	−16 44.8	1.697	2.566	14.5	20.3
7 10	21 17.30	−17 39.0	1.631	2.571	10.9	20.1
7 20	21 10.16	−18 43.2	1.586	2.575	6.6	19.9
7 30	21 1.42	−19 51.5	1.567	2.579	2.3	19.6
8 9	20 52.09	−20 57.3	1.575	2.583	3.0	19.7
8 19	20 43.29	−21 54.6	1.610	2.587	7.4	19.9
8 29	20 36.08	−22 39.4	1.669	2.591	11.4	20.2
9 8	20 31.23	−23 9.9	1.750	2.594	14.8	20.4

418917 2009 BH_{188} 8 3.9 51°.80 4°.6/ 2.0 17

6 30	21 27.07	−25 7.6	1.153	2.047	18.1	20.1
7 10	21 21.65	−25 45.3	1.111	2.063	13.6	19.9
7 20	21 13.03	−26 23.7	1.089	2.079	8.7	19.7
7 30	21 2.35	−26 54.2	1.090	2.097	4.9	19.5
8 9	20 51.26	−27 9.6	1.113	2.114	6.0	19.6
8 19	20 41.39	−27 6.6	1.160	2.132	10.3	19.9
8 29	20 34.12	−26 45.8	1.229	2.150	14.6	20.2
9 8	20 30.19	−26 10.2	1.317	2.169	18.3	20.5

263787 2008 LJ_{16} 8 3.9 338°.46 7°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.41	−35 17.8	1.923	2.799	12.8	19.7
7 10	21 16.21	−36 53.6	1.863	2.793	10.3	19.5
7 20	21 9.61	−38 24.3	1.825	2.787	8.4	19.4
7 30	21 1.26	−39 41.5	1.813	2.781	7.8	19.4
8 9	20 52.22	−40 37.7	1.825	2.776	9.0	19.4
8 19	20 43.66	−41 9.1	1.862	2.771	11.2	19.6
8 29	20 36.73	−41 15.2	1.920	2.766	13.7	19.7
9 8	20 32.27	−40 58.4	1.998	2.762	16.0	19.9

182878 2002 CQ_{247} 8 3.9 50°.57 3°.2/ 6.6 17

6 30	21 17.32	− 5 22.7	1.973	2.807	14.2	19.3
7 10	21 13.23	− 5 45.5	1.912	2.824	11.1	19.2
7 20	21 7.40	− 6 24.1	1.873	2.841	7.7	19.0
7 30	21 0.44	− 7 16.2	1.859	2.858	4.4	18.8
8 9	20 53.13	− 8 17.8	1.871	2.876	3.3	18.8
8 19	20 46.29	− 9 23.8	1.910	2.894	5.8	19.0
8 29	20 40.70	−10 29.1	1.976	2.912	9.1	19.2
9 8	20 36.93	−11 29.2	2.065	2.930	12.1	19.4

143802 2003 WV_{117} 8 3.9 308°.89 4°.4/ 1.6 18

6 30	21 23.43	−24 12.6	1.360	2.250	16.2	19.7
7 10	21 18.98	−25 5.4	1.293	2.242	12.2	19.4
7 20	21 11.56	−26 2.4	1.246	2.235	7.9	19.2
7 30	21 1.97	−26 55.6	1.222	2.228	4.6	19.0
8 9	20 51.53	−27 36.5	1.222	2.221	5.9	19.0
8 19	20 41.74	−27 59.5	1.246	2.215	10.1	19.3
8 29	20 34.03	−28 2.6	1.293	2.208	14.5	19.5
9 8	20 29.38	−27 47.0	1.358	2.202	18.3	19.7

86527 2000 DH_{76} 8 3.9 209°.96 0°.1/ 4.0 18

6 30	21 23.64	−15 7.4	1.835	2.694	14.1	20.4
7 10	21 18.32	−15 29.0	1.756	2.689	10.7	20.1
7 20	21 10.78	−15 59.9	1.699	2.684	6.7	19.9
7 30	21 1.65	−16 36.5	1.667	2.679	2.3	19.6
8 9	20 51.89	−17 14.2	1.663	2.673	2.3	19.6
8 19	20 42.55	−17 48.6	1.685	2.667	6.7	19.9
8 29	20 34.68	−18 16.2	1.734	2.660	10.8	20.1
9 8	20 29.06	−18 35.0	1.805	2.653	14.3	20.3

436830 2012 SZ_4 8 3.9 270°.88 4°.3/ 6.9 18

6 30	21 19.28	− 3 53.6	1.886	2.713	15.0	21.5
7 10	21 15.06	− 3 56.0	1.793	2.697	12.1	21.3
7 20	21 8.80	− 4 15.9	1.720	2.682	8.8	21.0
7 30	21 1.01	− 4 53.0	1.672	2.666	5.6	20.8
8 9	20 52.51	− 5 44.5	1.649	2.650	4.4	20.7
8 19	20 44.25	− 6 46.0	1.653	2.634	6.9	20.8
8 29	20 37.22	− 7 52.1	1.683	2.618	10.4	21.0
9 8	20 32.20	− 8 56.9	1.736	2.602	13.9	21.2

62610 2000 SV_{333} 8 3.9 335°.51 4°.4/31.4 18

6 30	21 19.84	−26 13.3	1.946	2.825	12.5	18.6
7 10	21 15.50	−27 23.4	1.879	2.822	9.5	18.4
7 20	21 9.03	−28 35.2	1.834	2.819	6.4	18.3
7 30	21 1.06	−29 42.1	1.816	2.816	4.4	18.1
8 9	20 52.50	−30 37.5	1.824	2.813	5.6	18.2
8 19	20 44.38	−31 16.9	1.858	2.811	8.6	18.4
8 29	20 37.69	−31 38.3	1.917	2.809	11.7	18.6
9 8	20 33.19	−31 42.2	1.996	2.807	14.5	18.8

509434 2007 EM_{151} 8 3.9 81°.68 5°.6/10.0 18

6 30	21 16.47	+ 4 49.7	2.395	3.166	13.8	21.2
7 10	21 12.38	+ 4 25.0	2.319	3.177	11.5	21.0
7 20	21 6.81	+ 3 40.3	2.264	3.188	9.1	20.9
7 30	21 0.25	+ 2 36.3	2.234	3.198	6.8	20.8
8 9	20 53.35	+ 1 15.7	2.229	3.209	5.6	20.7
8 19	20 46.77	− 0 16.7	2.253	3.219	6.4	20.8
8 29	20 41.19	− 1 55.1	2.304	3.230	8.5	20.9
9 8	20 37.12	− 3 33.6	2.381	3.240	10.9	21.1

228313 2000 OB_{28} 8 3.9 336°.38 3°.1/ 5.4 18

6 30	21 21.17	−10 32.7	1.439	2.304	16.9	19.4
7 10	21 16.91	−10 8.7	1.365	2.297	13.2	19.1
7 20	21 10.11	− 9 57.9	1.310	2.290	8.9	18.9
7 30	21 1.46	− 9 59.2	1.278	2.284	4.6	18.6
8 9	20 52.09	−10 10.2	1.271	2.279	3.6	18.6
8 19	20 43.24	−10 27.1	1.288	2.274	7.7	18.8
8 29	20 36.13	−10 46.0	1.329	2.270	12.1	19.0
9 8	20 31.63	−11 2.8	1.390	2.266	16.1	19.3

155551 1999 UL_{47} 8 3.9 263°.92 1°.0/ 4.7 18

6 30	21 18.91	−12 55.8	2.412	3.259	11.5	21.0
7 10	21 14.33	−13 7.0	2.321	3.247	8.8	20.8
7 20	21 8.11	−13 26.3	2.253	3.234	5.6	20.6
7 30	21 0.72	−13 51.8	2.212	3.222	2.3	20.3
8 9	20 52.85	−14 20.6	2.198	3.209	1.8	20.3
8 19	20 45.23	−14 49.6	2.213	3.196	5.2	20.5
8 29	20 38.62	−15 16.1	2.255	3.183	8.5	20.7
9 8	20 33.63	−15 37.7	2.321	3.170	11.5	20.8

146868 2002 AG_{177} 8 3.9 142°.40 0°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.38	−18 34.9	2.423	3.281	11.1	20.6
7 10	21 15.32	−19 0.2	2.352	3.286	8.3	20.4
7 20	21 8.64	−19 30.1	2.305	3.292	5.1	20.2
7 30	21 0.88	−20 1.3	2.285	3.297	1.7	20.0
8 9	20 52.75	−20 30.2	2.293	3.301	2.2	20.0
8 19	20 45.02	−20 54.0	2.330	3.306	5.5	20.3
8 29	20 38.40	−21 10.6	2.393	3.310	8.6	20.5
9 8	20 33.47	−21 19.1	2.481	3.314	11.3	20.7

215826 2005 AN_{43} 8 3.9 157°.45 0°.0/ 3.7 17

6 30	21 25.13	−15 3.9	1.731	2.590	14.8	21.7
7 10	21 19.44	−15 33.8	1.663	2.596	11.1	21.5
7 20	21 11.46	−16 13.5	1.617	2.602	6.9	21.2
7 30	21 1.88	−16 58.8	1.596	2.608	2.3	21.0
8 9	20 51.75	−17 44.3	1.602	2.612	2.4	21.0
8 19	20 42.18	−18 25.1	1.635	2.616	6.9	21.3
8 29	20 34.24	−18 57.7	1.694	2.620	11.0	21.5
9 8	20 28.68	−19 20.1	1.776	2.623	14.5	21.8

260298 2004 TQ_{112} 8 3.9 221°.02 6°.8/12.3 18

6 30	21 16.52	+12 59.1	3.386	4.077	11.5	21.5
7 10	21 12.13	+13 10.4	3.285	4.066	10.2	21.4
7 20	21 6.57	+13 5.4	3.203	4.054	8.8	21.3
7 30	21 0.19	+12 42.7	3.144	4.043	7.6	21.2
8 9	20 53.46	+12 2.7	3.110	4.030	6.9	21.1
8 19	20 46.87	+11 6.9	3.103	4.017	7.0	21.1
8 29	20 40.96	+ 9 58.3	3.122	4.004	8.0	21.1
9 8	20 36.15	+ 8 41.3	3.167	3.990	9.4	21.2

499096 2009 FK_{58} 8 3.9 110°.18 1°.0/ 4.5 17

6 30	21 25.00	−12 38.1	1.521	2.381	16.4	22.3
7 10	21 19.47	−13 2.1	1.463	2.396	12.4	22.1
7 20	21 11.50	−13 38.9	1.426	2.410	7.8	21.8
7 30	21 1.89	−14 24.6	1.413	2.424	3.0	21.6
8 9	20 51.79	−15 13.2	1.426	2.437	2.5	21.6
8 19	20 42.40	−15 59.4	1.466	2.450	7.2	21.9
8 29	20 34.85	−16 38.7	1.530	2.462	11.5	22.2
9 8	20 29.88	−17 8.3	1.616	2.474	15.2	22.4

110738 2001 TV_{241} 8 3.9 250°.44 1°.8/ 5.5 18

6 30	21 18.10	− 8 58.3	2.251	3.090	12.5	20.4
7 10	21 13.84	− 9 27.5	2.162	3.081	9.7	20.2
7 20	21 7.87	−10 9.4	2.096	3.072	6.4	19.9
7 30	21 0.68	−11 1.8	2.056	3.062	3.1	19.7
8 9	20 52.96	−12 0.8	2.044	3.053	2.3	19.6
8 19	20 45.50	−13 2.1	2.060	3.043	5.5	19.8
8 29	20 39.09	−14 1.3	2.103	3.034	8.9	20.0
9 8	20 34.36	−14 54.7	2.170	3.024	12.0	20.2

505666 2014 UL_{32} 8 3.9 338°.72 2°.0/ 4.9 17

6 30	21 17.82	−11 6.2	1.062	1.952	19.7	21.3
7 10	21 15.17	−11 19.4	0.995	1.943	15.2	21.0
7 20	21 9.42	−11 53.0	0.945	1.934	10.0	20.7
7 30	21 1.34	−12 43.7	0.916	1.927	4.3	20.3
8 9	20 52.27	−13 44.7	0.909	1.920	3.2	20.2
8 19	20 43.81	−14 47.6	0.924	1.914	8.9	20.5
8 29	20 37.51	−15 44.2	0.959	1.910	14.5	20.8
9 8	20 34.45	−16 28.8	1.013	1.906	19.3	21.1

129620 1998 EA_3 8 3.9 193°.23 2°.4/ 2.2 17

6 30	21 23.81	−22 8.2	2.188	3.051	12.0	20.8
7 10	21 18.18	−22 53.0	2.112	3.049	8.9	20.6
7 20	21 10.58	−23 41.2	2.060	3.046	5.6	20.4
7 30	21 1.60	−24 28.0	2.035	3.043	2.7	20.2
8 9	20 52.08	−25 8.4	2.038	3.040	3.6	20.3
8 19	20 42.97	−25 38.7	2.069	3.035	6.9	20.5
8 29	20 35.16	−25 56.8	2.126	3.030	10.2	20.7
9 8	20 29.36	−26 2.5	2.206	3.025	13.0	20.9

1950 Wempe 8 3.9 187°.19 2°.8/ 2.4 18 R

6 30	21 25.89	−20 39.9	1.485	2.362	15.8	16.8
7 10	21 20.53	−21 32.3	1.418	2.362	11.8	16.5
7 20	21 12.40	−22 31.9	1.372	2.362	7.4	16.3
7 30	21 2.28	−23 31.6	1.351	2.361	3.3	16.0
8 9	20 51.40	−24 23.6	1.355	2.360	4.4	16.1
8 19	20 41.16	−25 2.0	1.385	2.358	8.9	16.4
8 29	20 32.86	−25 24.0	1.439	2.356	13.2	16.6
9 8	20 27.41	−25 29.5	1.513	2.353	16.9	16.9

474400 2002 UF_{13} 8 3.9 273°.04 4°.3/31.4 18

6 30	21 22.57	−26 43.7	2.206	3.075	11.6	21.5
7 10	21 17.58	−27 50.3	2.111	3.048	8.9	21.2
7 20	21 10.43	−28 59.5	2.039	3.021	6.1	21.0
7 30	21 1.62	−30 5.1	1.995	2.993	4.3	20.9
8 9	20 52.00	−31 0.8	1.978	2.965	5.4	20.9
8 19	20 42.55	−31 41.7	1.988	2.936	8.4	21.0
8 29	20 34.31	−32 5.3	2.023	2.907	11.5	21.2
9 8	20 28.13	−32 11.7	2.080	2.878	14.5	21.3

91023 Lutan 8 3.9 341°.72 5°.9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.44	−29 16.3	1.221	2.119	17.1	17.9
7 10	21 19.35	−29 33.4	1.153	2.105	13.2	17.6
7 20	21 11.96	−29 46.3	1.105	2.092	9.1	17.3
7 30	21 2.17	−29 47.0	1.077	2.080	6.1	17.1
8 9	20 51.53	−29 29.1	1.073	2.070	7.2	17.2
8 19	20 41.72	−28 50.0	1.091	2.061	11.2	17.4
8 29	20 34.33	−27 51.2	1.131	2.053	15.5	17.6
9 8	20 30.32	−26 37.3	1.189	2.047	19.5	17.8

479285 2013 GK_{46} 8 3.9 151°.55 5°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.66	−33 3.4	2.357	3.221	11.2	21.0
7 10	21 18.02	−33 52.9	2.295	3.223	8.8	20.8
7 20	21 10.43	−34 37.7	2.257	3.226	6.5	20.7
7 30	21 1.54	−35 12.3	2.246	3.228	5.4	20.6
8 9	20 52.23	−35 32.2	2.261	3.231	6.3	20.7
8 19	20 43.44	−35 35.3	2.303	3.233	8.4	20.8
8 29	20 36.05	−35 21.6	2.369	3.235	10.8	21.0
9 8	20 30.70	−34 53.1	2.457	3.236	13.0	21.2

485285 2010 YS_{3} 8 3.9 285°.23 2°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.48	−19 0.3	2.440	3.300	11.0	21.3
7 10	21 15.06	−20 30.8	2.334	3.270	8.2	21.1
7 20	21 8.79	−22 11.2	2.253	3.241	5.1	20.8
7 30	21 1.07	−23 56.0	2.202	3.211	2.4	20.6
8 9	20 52.58	−25 38.6	2.180	3.180	3.6	20.6
8 19	20 44.11	−27 12.8	2.187	3.150	6.8	20.8
8 29	20 36.54	−28 33.6	2.222	3.119	10.1	21.0
9 8	20 30.64	−29 38.4	2.281	3.087	13.1	21.1

395676 2011 WX_{122} 8 3.9 98°.05 3°.1/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.02	− 6 58.6	2.158	2.990	13.2	21.3
7 10	21 14.49	− 6 56.2	2.081	2.992	10.4	21.1
7 20	21 8.23	− 7 6.3	2.026	2.994	7.2	20.9
7 30	21 0.81	− 7 27.9	1.996	2.996	4.2	20.8
8 9	20 52.95	− 7 58.5	1.993	2.998	3.3	20.7
8 19	20 45.45	− 8 34.7	2.018	2.999	5.8	20.9
8 29	20 39.10	− 9 12.8	2.069	3.001	8.9	21.1
9 8	20 34.50	− 9 49.3	2.144	3.003	11.9	21.3

418020 2007 UP_{58} 8 3.9 136°.28 4°.4/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.58	−25 30.1	1.554	2.431	15.2	21.3
7 10	21 21.63	−26 23.5	1.497	2.439	11.5	21.1
7 20	21 12.96	−27 18.2	1.461	2.447	7.5	20.9
7 30	21 2.44	−28 6.2	1.450	2.454	4.6	20.8
8 9	20 51.33	−28 40.6	1.464	2.460	5.7	20.8
8 19	20 41.02	−28 57.4	1.505	2.466	9.4	21.1
8 29	20 32.73	−28 55.7	1.569	2.472	13.1	21.3
9 8	20 27.29	−28 37.6	1.653	2.478	16.4	21.5

121748 1999 XA_{212} 8 3.9 287°.14 0°.9/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.46	−20 16.7	2.305	3.162	11.6	20.1
7 10	21 17.92	−20 13.9	2.206	3.140	8.8	19.9
7 20	21 10.45	−20 13.5	2.131	3.117	5.4	19.7
7 30	21 1.59	−20 12.6	2.082	3.094	1.9	19.4
8 9	20 52.13	−20 8.6	2.062	3.071	2.4	19.4
8 19	20 42.95	−19 59.4	2.071	3.048	6.0	19.6
8 29	20 34.94	−19 43.8	2.106	3.024	9.5	19.7
9 8	20 28.81	−19 21.8	2.165	3.001	12.7	19.9

342653 2008 VG_{3} 8 3.9 4°.92 9°.2/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.15	+ 1 12.3	1.463	2.282	19.0	19.3
7 10	21 16.80	+ 2 33.7	1.394	2.282	16.0	19.1
7 20	21 10.01	+ 3 34.6	1.344	2.282	12.9	18.9
7 30	21 1.48	+ 4 11.0	1.316	2.283	10.2	18.7
8 9	20 52.28	+ 4 21.7	1.310	2.285	9.2	18.7
8 19	20 43.60	+ 4 8.4	1.327	2.287	10.5	18.8
8 29	20 36.59	+ 3 36.3	1.366	2.291	13.2	18.9
9 8	20 32.09	+ 2 52.5	1.426	2.295	16.2	19.2

316534 2010 WF_{32} 8 3.9 276°.04 0°.9/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.88	−18 14.0	2.339	3.200	11.3	21.2
7 10	21 14.35	−18 42.7	2.261	3.197	8.4	21.0
7 20	21 8.15	−19 16.9	2.207	3.194	5.2	20.8
7 30	21 0.79	−19 53.0	2.179	3.191	1.8	20.5
8 9	20 53.00	−20 27.4	2.179	3.188	2.3	20.6
8 19	20 45.55	−20 56.7	2.207	3.184	5.7	20.8
8 29	20 39.19	−21 18.6	2.262	3.181	8.9	21.0
9 8	20 34.54	−21 31.7	2.340	3.178	11.8	21.2

149838 2005 OZ_{21} 8 3.9 303°.65 0°.7/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.52	−12 26.2	1.473	2.344	16.2	20.0
7 10	21 15.78	−13 2.9	1.395	2.334	12.4	19.7
7 20	21 9.51	−13 55.7	1.337	2.324	7.9	19.4
7 30	21 1.37	−15 0.2	1.302	2.314	2.9	19.1
8 9	20 52.39	−16 10.0	1.293	2.304	2.5	19.0
8 19	20 43.82	−17 18.0	1.308	2.294	7.6	19.3
8 29	20 36.90	−18 17.6	1.348	2.285	12.4	19.6
9 8	20 32.55	−19 4.8	1.408	2.276	16.5	19.8

431118 2006 HE_{60} 8 3.9 30°.70 7°.1/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.70	+ 3 16.5	1.568	2.380	18.2	20.0
7 10	21 13.28	+ 3 10.4	1.502	2.387	15.2	19.8
7 20	21 7.72	+ 2 37.5	1.455	2.395	11.8	19.6
7 30	21 0.69	+ 1 37.7	1.428	2.404	8.7	19.5
8 9	20 53.14	+ 0 14.6	1.425	2.413	7.1	19.4
8 19	20 46.08	− 1 24.9	1.448	2.423	8.3	19.5
8 29	20 40.50	− 3 12.0	1.494	2.433	11.2	19.7
9 8	20 37.14	− 4 57.6	1.564	2.443	14.4	19.9

90161 2002 YM_{34} 8 3.9 275°.58 2°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.04	−19 32.6	1.666	2.539	14.5	20.5
7 10	21 18.37	−20 13.4	1.576	2.519	11.0	20.3
7 20	21 11.13	−21 2.5	1.508	2.498	6.9	20.0
7 30	21 1.94	−21 54.5	1.465	2.477	2.7	19.7
8 9	20 51.80	−22 42.8	1.448	2.455	3.7	19.7
8 19	20 41.96	−23 21.6	1.458	2.433	8.2	19.9
8 29	20 33.68	−23 47.3	1.491	2.411	12.6	20.1
9 8	20 27.93	−23 58.4	1.545	2.389	16.5	20.3

120758 1997 YO_{13} 8 3.9 51°.12 4°.1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.07	− 9 5.2	1.504	2.354	17.0	19.2
7 10	21 19.49	− 8 19.8	1.445	2.367	13.3	19.0
7 20	21 11.51	− 7 47.4	1.407	2.380	9.2	18.8
7 30	21 1.95	− 7 28.1	1.392	2.394	5.3	18.6
8 9	20 51.95	− 7 20.4	1.403	2.407	4.4	18.6
8 19	20 42.69	− 7 21.6	1.439	2.421	7.5	18.9
8 29	20 35.27	− 7 28.4	1.500	2.435	11.4	19.1
9 8	20 30.39	− 7 37.0	1.582	2.450	14.9	19.4

305445 2008 CM_{195} 8 3.9 111°.30 0°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.19	−15 22.2	2.242	3.097	12.0	21.4
7 10	21 15.29	−15 44.3	2.174	3.105	9.0	21.3
7 20	21 8.70	−16 13.6	2.128	3.113	5.6	21.1
7 30	21 0.98	−16 46.9	2.109	3.121	1.9	20.8
8 9	20 52.89	−17 20.6	2.119	3.129	1.9	20.8
8 19	20 45.21	−17 51.4	2.156	3.136	5.5	21.1
8 29	20 38.73	−18 16.6	2.219	3.144	8.8	21.3
9 8	20 34.00	−18 34.6	2.307	3.151	11.7	21.5

337157 1999 UA_{5} 8 3.9 228°.70 2°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.83	−22 54.0	2.932	3.782	9.6	22.2
7 10	21 17.86	−23 32.2	2.835	3.765	7.2	22.0
7 20	21 10.28	−24 12.7	2.763	3.747	4.6	21.8
7 30	21 1.54	−24 51.6	2.720	3.727	2.3	21.6
8 9	20 52.28	−25 25.4	2.707	3.707	3.0	21.6
8 19	20 43.21	−25 51.3	2.723	3.686	5.7	21.8
8 29	20 35.06	−26 7.4	2.768	3.663	8.4	21.9
9 8	20 28.43	−26 13.4	2.837	3.640	10.9	22.1

408095 2012 JV_{51} 8 3.9 224°.78 2°.2/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.91	− 7 14.2	2.832	3.657	10.6	21.3
7 10	21 11.85	− 7 33.1	2.746	3.654	8.3	21.2
7 20	21 6.49	− 8 2.5	2.683	3.651	5.7	21.0
7 30	21 0.23	− 8 40.9	2.646	3.647	3.1	20.8
8 9	20 53.63	− 9 25.7	2.638	3.644	2.3	20.8
8 19	20 47.24	−10 14.0	2.659	3.641	4.5	20.9
8 29	20 41.67	−11 2.6	2.707	3.637	7.2	21.1
9 8	20 37.40	−11 48.4	2.781	3.634	9.7	21.3

373799 2002 VL_{29} 8 3.9 269°.64 3°.5/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.10	−23 12.2	1.639	2.517	14.5	21.0
7 10	21 19.21	−24 1.2	1.556	2.500	11.0	20.7
7 20	21 11.66	−24 55.1	1.496	2.484	7.0	20.5
7 30	21 2.12	−25 47.3	1.460	2.467	3.8	20.2
8 9	20 51.68	−26 30.7	1.450	2.450	5.0	20.3
8 19	20 41.64	−26 59.8	1.465	2.433	9.0	20.5
8 29	20 33.29	−27 11.9	1.505	2.416	13.1	20.7
9 8	20 27.61	−27 7.3	1.564	2.398	16.8	20.9

99769 2002 JD_{106} 8 3.9 145°.13 3°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.46	−22 32.9	1.541	2.419	15.3	19.6
7 10	21 20.10	−23 30.2	1.479	2.424	11.4	19.4
7 20	21 12.08	−24 32.3	1.440	2.428	7.2	19.1
7 30	21 2.21	−25 31.7	1.425	2.433	3.8	19.0
8 9	20 51.69	−26 21.0	1.436	2.437	4.9	19.0
8 19	20 41.86	−26 55.0	1.472	2.440	8.9	19.3
8 29	20 33.94	−27 11.3	1.532	2.444	12.9	19.5
9 8	20 28.77	−27 10.9	1.613	2.447	16.4	19.8

479641 2014 DT_{47} 8 3.9 177°.17 3°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.97	− 3 58.6	2.130	2.950	13.8	21.5
7 10	21 14.52	− 4 11.2	2.050	2.951	11.0	21.3
7 20	21 8.32	− 4 39.5	1.991	2.951	7.9	21.1
7 30	21 0.90	− 5 22.3	1.957	2.952	4.9	20.9
8 9	20 53.01	− 6 16.7	1.951	2.952	3.8	20.9
8 19	20 45.45	− 7 18.4	1.972	2.952	6.0	21.0
8 29	20 39.02	− 8 22.3	2.019	2.952	9.1	21.2
9 8	20 34.36	− 9 23.8	2.091	2.951	12.1	21.4

115661 2003 UZ_{139} 8 3.9 189°.81 3°.2/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.33	− 4 34.3	2.198	3.018	13.4	20.4
7 10	21 14.76	− 4 58.5	2.115	3.018	10.6	20.2
7 20	21 8.46	− 5 38.3	2.054	3.017	7.5	20.0
7 30	21 0.95	− 6 32.1	2.018	3.015	4.4	19.8
8 9	20 52.95	− 7 36.4	2.010	3.013	3.4	19.7
8 19	20 45.26	− 8 46.6	2.030	3.011	5.7	19.9
8 29	20 38.66	− 9 57.5	2.077	3.009	8.9	20.1
9 8	20 33.78	−11 4.5	2.148	3.006	12.0	20.3

40558 1999 RE_{118} 8 3.9 0°.29 4°.8/ 6.1 18

6 30	21 16.14	− 8 24.5	0.980	1.870	20.9	17.5
7 10	21 13.93	− 7 53.8	0.922	1.867	16.5	17.3
7 20	21 8.65	− 7 44.0	0.881	1.864	11.5	17.0
7 30	21 1.13	− 7 55.3	0.859	1.864	6.5	16.7
8 9	20 52.79	− 8 24.0	0.857	1.865	5.1	16.6
8 19	20 45.20	− 9 3.9	0.876	1.867	9.2	16.9
8 29	20 39.84	− 9 47.4	0.916	1.871	14.3	17.2
9 8	20 37.68	−10 27.3	0.973	1.877	18.9	17.5

263725 2008 HN_{51} 8 3.9 285°.24 2°.7/ 6.0 18

6 30	21 18.11	− 7 51.1	2.235	3.070	12.7	20.6
7 10	21 13.88	− 7 53.9	2.145	3.059	10.0	20.4
7 20	21 7.94	− 8 8.8	2.078	3.048	6.9	20.2
7 30	21 0.79	− 8 34.4	2.036	3.038	3.8	20.0
8 9	20 53.13	− 9 8.3	2.021	3.027	2.9	19.9
8 19	20 45.72	− 9 47.2	2.033	3.016	5.6	20.1
8 29	20 39.37	−10 27.4	2.072	3.005	8.9	20.3
9 8	20 34.69	−11 5.4	2.135	2.994	11.9	20.5

215814 2004 TO_{220} 8 3.9 322°.16 4°.4/ 7.7 18

6 30	21 14.61	− 1 37.2	1.838	2.666	15.3	19.2
7 10	21 11.72	− 2 10.1	1.738	2.642	12.5	19.0
7 20	21 6.85	− 3 5.8	1.658	2.618	9.2	18.7
7 30	21 0.49	− 4 23.9	1.602	2.595	5.9	18.5
8 9	20 53.39	− 6 0.3	1.571	2.573	4.4	18.3
8 19	20 46.45	− 7 48.8	1.567	2.551	6.8	18.4
8 29	20 40.65	− 9 41.1	1.589	2.530	10.5	18.6
9 8	20 36.79	−11 29.2	1.634	2.509	14.1	18.8

34197 Susrinivasan 8 3.9 207°.83 3°.7/ 2.0 17

6 30	21 28.86	−24 56.1	1.662	2.533	14.7	18.9
7 10	21 22.61	−25 30.6	1.589	2.528	11.1	18.7
7 20	21 13.65	−26 6.4	1.538	2.524	7.2	18.5
7 30	21 2.77	−26 37.0	1.512	2.518	4.0	18.3
8 9	20 51.18	−26 56.3	1.513	2.512	5.0	18.3
8 19	20 40.21	−27 0.6	1.540	2.506	8.8	18.5
8 29	20 31.14	−26 49.1	1.592	2.499	12.8	18.8
9 8	20 24.84	−26 23.5	1.664	2.492	16.2	19.0

222451 2001 QH_{214} 8 3.9 329°.97 0°.4/ 4.2 18

6 30	21 18.02	−14 55.7	1.217	2.107	17.6	20.2
7 10	21 15.17	−15 5.1	1.139	2.089	13.5	19.9
7 20	21 9.41	−15 27.9	1.080	2.071	8.6	19.5
7 30	21 1.43	−16 0.4	1.043	2.055	3.1	19.2
8 9	20 52.46	−16 37.1	1.029	2.040	2.9	19.1
8 19	20 43.93	−17 11.7	1.037	2.026	8.6	19.4
8 29	20 37.34	−17 38.8	1.067	2.012	13.9	19.7
9 8	20 33.76	−17 55.0	1.116	2.001	18.6	19.9

17210 2000 AY_{172} 8 3.9 347°.34 6°.5/ 9.0 18

6 30	21 17.80	+ 2 43.6	2.250	3.036	14.2	18.5
7 10	21 13.58	+ 3 15.8	2.169	3.034	11.9	18.3
7 20	21 7.71	+ 3 31.1	2.108	3.033	9.5	18.2
7 30	21 0.71	+ 3 28.3	2.070	3.032	7.4	18.0
8 9	20 53.26	+ 3 8.1	2.058	3.031	6.5	18.0
8 19	20 46.10	+ 2 32.7	2.071	3.030	7.4	18.0
8 29	20 39.99	+ 1 46.2	2.111	3.029	9.5	18.2
9 8	20 35.52	+ 0 53.6	2.173	3.029	11.9	18.3

447347 2005 YY_{180} 8 3.9 260°.46 0°.7/ 3.3 18

6 30	21 18.01	−15 27.9	2.475	3.329	11.0	21.3
7 10	21 13.77	−16 31.8	2.383	3.316	8.3	21.1
7 20	21 7.88	−17 45.0	2.315	3.302	5.1	20.8
7 30	21 0.79	−19 3.6	2.276	3.288	1.7	20.6
8 9	20 53.15	−20 22.5	2.265	3.273	2.2	20.6
8 19	20 45.69	−21 36.7	2.283	3.259	5.6	20.8
8 29	20 39.17	−22 42.1	2.329	3.244	8.9	21.0
9 8	20 34.23	−23 36.1	2.399	3.229	11.8	21.2

510988 2013 HJ_{144} 8 3.9 162°.35 6°.8/11.3 18

6 30	21 18.02	+ 9 39.5	3.023	3.743	12.2	22.4
7 10	21 13.33	+10 2.5	2.940	3.749	10.6	22.3
7 20	21 7.37	+10 9.1	2.877	3.754	9.0	22.2
7 30	21 0.56	+ 9 58.3	2.838	3.758	7.5	22.1
8 9	20 53.43	+ 9 30.6	2.825	3.763	6.8	22.0
8 19	20 46.53	+ 8 47.7	2.838	3.766	7.1	22.1
8 29	20 40.43	+ 7 52.9	2.878	3.770	8.3	22.2
9 8	20 35.60	+ 6 50.6	2.942	3.773	9.8	22.3

488325 2016 UW_{138} 8 3.9 335°.27 3°.3/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.62	−18 10.9	1.346	2.242	15.9	20.6
7 10	21 12.47	−19 53.5	1.269	2.224	11.9	20.3
7 20	21 7.69	−21 52.9	1.213	2.207	7.4	20.0
7 30	21 0.85	−24 0.0	1.181	2.191	3.6	19.7
8 9	20 53.04	−26 2.8	1.174	2.177	5.3	19.8
8 19	20 45.57	−27 50.2	1.191	2.163	10.1	20.0
8 29	20 39.81	−29 14.1	1.230	2.151	14.7	20.2
9 8	20 36.83	−30 11.3	1.289	2.140	18.7	20.5

188140 2002 EW_{12} 8 3.9 145°.48 5°.6/10.1 18

6 30	21 17.67	+ 5 32.8	2.903	3.654	12.1	21.3
7 10	21 13.08	+ 5 34.7	2.823	3.664	10.2	21.1
7 20	21 7.22	+ 5 20.8	2.765	3.673	8.2	21.0
7 30	21 0.51	+ 4 50.8	2.732	3.682	6.4	20.9
8 9	20 53.51	+ 4 6.1	2.725	3.690	5.6	20.9
8 19	20 46.76	+ 3 9.4	2.746	3.698	6.1	20.9
8 29	20 40.86	+ 2 4.5	2.794	3.706	7.7	21.0
9 8	20 36.24	+ 0 55.7	2.868	3.713	9.6	21.2

234350 2001 GV_4 8 3.9 119°.00 3°.7/ 1.1 18

6 30	21 23.13	−24 49.4	2.067	2.936	12.3	20.5
7 10	21 17.74	−25 55.6	2.010	2.949	9.2	20.3
7 20	21 10.35	−27 3.2	1.977	2.962	6.0	20.1
7 30	21 1.61	−28 6.1	1.971	2.974	3.7	20.0
8 9	20 52.43	−28 58.6	1.993	2.986	4.8	20.1
8 19	20 43.78	−29 36.6	2.041	2.997	7.7	20.3
8 29	20 36.57	−29 58.7	2.115	3.008	10.7	20.5
9 8	20 31.46	−30 5.4	2.211	3.019	13.4	20.7

23839 1998 QO_{100} 8 3.9 256°.91 0°.4/ 3.7 18

6 30	21 20.10	−15 32.2	1.919	2.782	13.4	18.8
7 10	21 15.66	−16 12.1	1.840	2.776	10.0	18.6
7 20	21 9.19	−17 1.8	1.783	2.771	6.2	18.4
7 30	21 1.26	−17 57.0	1.753	2.765	2.1	18.1
8 9	20 52.73	−18 52.6	1.749	2.759	2.3	18.1
8 19	20 44.57	−19 43.5	1.773	2.753	6.5	18.3
8 29	20 37.73	−20 25.7	1.822	2.747	10.4	18.6
9 8	20 32.94	−20 57.0	1.894	2.741	13.7	18.8

91839 1999 TX_{314} 8 3.9 340°.74 6°.4/29.4 18

6 30	21 19.97	−31 48.0	1.969	2.847	12.4	18.8
7 10	21 15.79	−33 16.3	1.906	2.843	9.7	18.6
7 20	21 9.37	−34 42.5	1.866	2.838	7.4	18.5
7 30	21 1.33	−35 58.4	1.852	2.834	6.4	18.4
8 9	20 52.66	−36 57.3	1.864	2.830	7.6	18.5
8 19	20 44.43	−37 34.8	1.900	2.827	10.1	18.6
8 29	20 37.70	−37 49.8	1.960	2.824	12.8	18.8
9 8	20 33.25	−37 43.9	2.039	2.821	15.2	18.9

392332 2010 EN_{102} 8 3.9 189°.78 2°.0/ 2.7 18

6 30	21 23.53	−21 18.8	1.998	2.864	12.8	21.8
7 10	21 18.12	−21 46.0	1.925	2.863	9.6	21.6
7 20	21 10.64	−22 16.8	1.875	2.863	5.9	21.4
7 30	21 1.74	−22 46.7	1.852	2.862	2.5	21.2
8 9	20 52.32	−23 11.3	1.855	2.861	3.3	21.2
8 19	20 43.39	−23 27.1	1.886	2.859	6.9	21.5
8 29	20 35.89	−23 32.6	1.943	2.858	10.4	21.7
9 8	20 30.51	−23 27.4	2.023	2.856	13.5	21.9

191019 2002 AG_{90} 8 3.9 179°.19 3°.0/ 5.9 18

6 30	21 23.63	− 8 23.6	2.051	2.883	13.8	20.3
7 10	21 18.05	− 8 8.4	1.972	2.884	10.8	20.1
7 20	21 10.54	− 8 4.6	1.915	2.885	7.4	19.8
7 30	21 1.70	− 8 11.2	1.884	2.885	4.1	19.7
8 9	20 52.36	− 8 26.1	1.880	2.885	3.3	19.6
8 19	20 43.43	− 8 46.6	1.904	2.884	6.1	19.8
8 29	20 35.79	− 9 9.4	1.954	2.883	9.6	20.0
9 8	20 30.12	− 9 31.3	2.028	2.882	12.7	20.2

473004 2015 HH_{38} 8 3.9 4°.37 1°.4/ 4.9 16

6 30	21 17.20	−10 10.5	1.460	2.329	16.5	20.7
7 10	21 13.93	−10 54.1	1.392	2.328	12.6	20.5
7 20	21 8.31	−11 55.9	1.344	2.329	8.1	20.2
7 30	21 1.00	−13 11.5	1.320	2.330	3.4	20.0
8 9	20 53.05	−14 34.0	1.320	2.331	2.5	19.9
8 19	20 45.58	−15 55.6	1.346	2.333	7.2	20.2
8 29	20 39.74	−17 9.2	1.396	2.336	11.7	20.5
9 8	20 36.33	−18 9.9	1.467	2.340	15.6	20.7

243401 2009 AY_{15} 8 3.9 108°.34 3°.8/ 1.0 18

6 30	21 22.15	−24 44.9	1.975	2.848	12.6	20.2
7 10	21 17.14	−25 53.3	1.916	2.857	9.4	20.0
7 20	21 10.05	−27 3.7	1.880	2.865	6.2	19.8
7 30	21 1.54	−28 9.5	1.871	2.874	3.9	19.7
8 9	20 52.55	−29 4.8	1.889	2.883	5.0	19.8
8 19	20 44.07	−29 45.1	1.934	2.891	8.0	20.0
8 29	20 37.07	−30 8.6	2.004	2.899	11.1	20.2
9 8	20 32.22	−30 16.0	2.096	2.907	13.9	20.4

200541 2001 *FX* 8 3.9 145°.09 5°.1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.03	− 0 14.9	2.174	2.974	14.2	20.5
7 10	21 15.24	− 0 13.7	2.098	2.981	11.6	20.3
7 20	21 8.75	− 0 29.6	2.044	2.988	8.7	20.1
7 30	21 1.09	− 1 2.5	2.013	2.994	6.1	20.0
8 9	20 53.00	− 1 49.9	2.010	3.000	5.1	19.9
8 19	20 45.28	− 2 48.1	2.033	3.006	6.5	20.0
8 29	20 38.70	− 3 52.1	2.083	3.011	9.1	20.2
9 8	20 33.86	− 4 56.8	2.158	3.016	11.9	20.4

478291 2011 WJ_{16} 8 3.9 222°.91 3°.8/ 6.9 18

6 30	21 18.67	− 4 18.9	2.281	3.100	13.0	21.6
7 10	21 14.22	− 4 14.2	2.198	3.097	10.4	21.4
7 20	21 8.12	− 4 23.1	2.136	3.095	7.5	21.2
7 30	21 0.88	− 4 45.0	2.100	3.092	4.8	21.1
8 9	20 53.19	− 5 17.9	2.090	3.089	3.9	21.0
8 19	20 45.80	− 5 58.6	2.108	3.086	5.8	21.1
8 29	20 39.45	− 6 43.3	2.152	3.083	8.7	21.3
9 8	20 34.75	− 7 28.0	2.221	3.080	11.6	21.5

445274 2009 SV_{359} 8 4.0 299°.48 8°.0/10.3 18

6 30	21 16.77	+ 7 20.9	2.302	3.061	14.7	21.2
7 10	21 12.93	+ 7 55.8	2.203	3.042	12.7	21.0
7 20	21 7.43	+ 8 11.8	2.123	3.023	10.7	20.8
7 30	21 0.69	+ 8 6.6	2.066	3.005	8.9	20.7
8 9	20 53.37	+ 7 39.9	2.032	2.986	8.0	20.6
8 19	20 46.21	+ 6 53.5	2.024	2.968	8.6	20.6
8 29	20 40.00	+ 5 51.4	2.041	2.949	10.3	20.7
9 8	20 35.39	+ 4 39.4	2.080	2.931	12.5	20.8

343357 2010 CL_{75} 8 4.0 266°.28 0°.8/ 3.5 18

6 30	21 22.39	−17 38.1	1.770	2.638	14.1	21.5
7 10	21 17.53	−18 0.1	1.694	2.633	10.6	21.3
7 20	21 10.43	−18 29.5	1.639	2.627	6.6	21.1
7 30	21 1.72	−19 2.2	1.610	2.622	2.2	20.8
8 9	20 52.39	−19 33.4	1.607	2.617	2.6	20.8
8 19	20 43.51	−19 59.0	1.631	2.611	7.0	21.1
8 29	20 36.15	−20 15.9	1.680	2.606	11.1	21.3
9 8	20 31.08	−20 23.1	1.751	2.600	14.6	21.5

483113 2015 MP_{126} 8 4.0 289°.92 1°.7/ 2.7 18

6 30	21 19.43	−19 7.0	2.016	2.885	12.5	21.0
7 10	21 15.13	−19 54.8	1.938	2.878	9.4	20.8
7 20	21 8.86	−20 49.5	1.883	2.871	5.8	20.5
7 30	21 1.19	−21 46.2	1.853	2.864	2.3	20.3
8 9	20 52.94	−22 39.7	1.851	2.858	3.1	20.3
8 19	20 45.03	−23 25.1	1.876	2.851	6.8	20.6
8 29	20 38.40	−23 59.3	1.927	2.844	10.4	20.8
9 8	20 33.75	−24 20.8	2.000	2.837	13.5	21.0

66100 1998 SG_{17} 8 4.0 4°.29 1°.0/ 3.4 18

6 30	21 17.18	−17 43.2	1.640	2.521	14.3	18.4
7 10	21 13.71	−18 12.7	1.574	2.520	10.7	18.2
7 20	21 8.06	−18 50.2	1.531	2.521	6.6	17.9
7 30	21 0.91	−19 31.3	1.511	2.523	2.2	17.7
8 9	20 53.24	−20 10.6	1.517	2.526	2.8	17.7
8 19	20 46.09	−20 43.5	1.548	2.530	7.1	18.0
8 29	20 40.46	−21 6.6	1.603	2.534	11.1	18.2
9 8	20 37.08	−21 18.3	1.680	2.540	14.6	18.5

144347 2004 DO_{36} 8 4.0 207°.32 3°.5/ 6.7 18

6 30	21 18.74	− 5 12.7	2.037	2.865	14.0	20.4
7 10	21 14.46	− 5 21.1	1.958	2.865	11.1	20.2
7 20	21 8.36	− 5 44.8	1.900	2.865	7.8	20.0
7 30	21 1.01	− 6 22.6	1.867	2.864	4.7	19.8
8 9	20 53.16	− 7 11.4	1.861	2.864	3.6	19.8
8 19	20 45.65	− 8 6.9	1.881	2.863	6.1	19.9
8 29	20 39.33	− 9 4.4	1.928	2.863	9.4	20.1
9 8	20 34.83	− 9 59.2	1.999	2.862	12.5	20.3

478061 2011 TN_{15} 8 4.0 296°.23 4°.2/ 6.5 16

6 30	21 19.80	− 5 54.5	1.882	2.717	14.8	21.4
7 10	21 15.59	− 5 36.7	1.783	2.694	11.9	21.1
7 20	21 9.29	− 5 33.0	1.705	2.670	8.5	20.9
7 30	21 1.39	− 5 43.6	1.651	2.647	5.3	20.6
8 9	20 52.72	− 6 7.0	1.622	2.624	4.3	20.5
8 19	20 44.23	− 6 40.0	1.620	2.601	7.0	20.6
8 29	20 36.95	− 7 18.6	1.643	2.578	10.7	20.8
9 8	20 31.70	− 7 58.0	1.689	2.555	14.2	21.0

488348 2016 WM_4 8 4.0 142°.79 3°.1/ 1.2 18

6 30	21 20.37	−25 20.8	2.534	3.400	10.4	21.0
7 10	21 15.43	−26 12.4	2.468	3.405	7.8	20.9
7 20	21 8.84	−27 4.8	2.427	3.410	5.1	20.7
7 30	21 1.14	−27 53.4	2.413	3.415	3.2	20.6
8 9	20 53.05	−28 34.0	2.427	3.420	4.0	20.7
8 19	20 45.34	−29 3.5	2.469	3.425	6.6	20.8
8 29	20 38.75	−29 20.4	2.537	3.429	9.2	21.0
9 8	20 33.84	−29 24.9	2.628	3.433	11.6	21.2

438297 2006 CV_{38} 8 4.0 265°.14 5°.9/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.26	+ 3 14.9	1.834	2.630	16.5	21.1
7 10	21 14.37	+ 2 39.3	1.747	2.625	13.7	20.9
7 20	21 8.46	+ 1 37.6	1.679	2.619	10.6	20.7
7 30	21 1.08	+ 0 10.0	1.634	2.613	7.5	20.5
8 9	20 53.06	− 1 39.3	1.616	2.608	5.9	20.4
8 19	20 45.33	− 3 43.3	1.625	2.602	7.3	20.5
8 29	20 38.85	− 5 52.8	1.660	2.596	10.5	20.6
9 8	20 34.38	− 7 58.8	1.720	2.590	13.8	20.8

11703 Glassman 8 4.0 14°.29 0°.2/ 4.2 18

6 30	21 20.33	−14 35.9	1.519	2.392	15.7	18.3
7 10	21 16.21	−14 59.7	1.453	2.394	11.9	18.0
7 20	21 9.69	−15 34.9	1.408	2.396	7.4	17.8
7 30	21 1.50	−16 17.6	1.386	2.398	2.6	17.5
8 9	20 52.70	−17 2.1	1.390	2.401	2.4	17.5
8 19	20 44.48	−17 43.1	1.419	2.404	7.2	17.8
8 29	20 37.94	−18 16.2	1.472	2.408	11.6	18.1
9 8	20 33.86	−18 39.0	1.547	2.412	15.4	18.3

75276 1999 XK_{19} 8 4.0 257°.20 0°.3/ 3.8 18

6 30	21 23.61	−15 41.4	1.696	2.560	14.8	19.8
7 10	21 18.73	−16 12.2	1.607	2.543	11.2	19.6
7 20	21 11.37	−16 53.9	1.539	2.526	7.0	19.3
7 30	21 2.13	−17 42.3	1.496	2.508	2.4	18.9
8 9	20 52.01	−18 31.8	1.479	2.490	2.6	18.9
8 19	20 42.17	−19 16.8	1.490	2.471	7.4	19.2
8 29	20 33.85	−19 52.8	1.525	2.452	11.9	19.4
9 8	20 27.96	−20 17.6	1.581	2.432	15.8	19.6

513707 2012 DL_{30} 8 4.0 154°.58 1°.2/ 4.9 18

6 30	21 20.63	−13 3.8	2.404	3.248	11.6	21.7
7 10	21 15.57	−12 59.9	2.326	3.250	8.9	21.5
7 20	21 8.92	−13 3.0	2.272	3.251	5.7	21.3
7 30	21 1.18	−13 11.6	2.244	3.253	2.4	21.1
8 9	20 53.06	−13 23.3	2.244	3.254	1.9	21.0
8 19	20 45.30	−13 35.8	2.273	3.255	5.1	21.3
8 29	20 38.62	−13 46.9	2.328	3.256	8.3	21.5
9 8	20 33.59	−13 54.9	2.408	3.257	11.1	21.7

395961 2013 AU_{171} 8 4.0 202°.48 4°.9/ 7.9 18 R

6 30	21 19.14	− 1 12.2	2.247	3.051	13.7	21.3
7 10	21 14.61	− 1 1.2	2.164	3.049	11.2	21.1
7 20	21 8.40	− 1 5.7	2.101	3.047	8.4	20.9
7 30	21 1.03	− 1 25.9	2.064	3.045	5.9	20.8
8 9	20 53.19	− 2 0.0	2.052	3.043	4.9	20.7
8 19	20 45.65	− 2 44.9	2.068	3.041	6.4	20.8
8 29	20 39.17	− 3 36.5	2.110	3.038	9.0	20.9
9 8	20 34.36	− 4 30.0	2.177	3.035	11.8	21.1

289820 2005 KD_3 8 4.0 52°.85 3°.1/ 6.2 16

6 30	21 19.49	− 7 16.5	1.878	2.718	14.5	21.3
7 10	21 15.12	− 7 20.6	1.806	2.722	11.4	21.1
7 20	21 8.81	− 7 39.2	1.755	2.727	7.8	20.9
7 30	21 1.18	− 8 10.7	1.729	2.731	4.4	20.7
8 9	20 53.07	− 8 51.7	1.729	2.735	3.3	20.6
8 19	20 45.38	− 9 38.0	1.756	2.740	6.2	20.8
8 29	20 39.02	−10 25.1	1.809	2.745	9.8	21.0
9 8	20 34.64	−11 8.7	1.884	2.749	13.0	21.2

223630 2004 JY_{33} 8 4.0 78°.03 1°.5/ 4.9 17

6 30	21 22.59	−11 5.4	1.545	2.404	16.2	20.7
7 10	21 17.70	−11 28.9	1.488	2.420	12.3	20.5
7 20	21 10.49	−12 6.6	1.453	2.435	7.9	20.3
7 30	21 1.74	−12 54.7	1.441	2.451	3.3	20.1
8 9	20 52.54	−13 47.7	1.456	2.466	2.5	20.0
8 19	20 44.02	−14 40.0	1.496	2.482	6.9	20.4
8 29	20 37.21	−15 26.5	1.561	2.497	11.1	20.6
9 8	20 32.83	−16 4.0	1.648	2.512	14.6	20.9

430749 2004 NW_{33} 8 4.0 3°.61 8°.7/31.1 18

6 30	21 30.00	−36 32.4	1.448	2.324	16.2	20.1
7 10	21 23.95	−37 18.1	1.393	2.323	13.0	19.9
7 20	21 14.67	−37 53.2	1.358	2.323	10.2	19.7
7 30	21 3.20	−38 8.3	1.345	2.324	8.8	19.7
8 9	20 51.13	−37 56.9	1.357	2.325	9.7	19.7
8 19	20 40.16	−37 17.5	1.391	2.326	12.4	19.9
8 29	20 31.71	−36 13.4	1.448	2.328	15.5	20.1
9 8	20 26.62	−34 51.0	1.523	2.330	18.4	20.3

352018 2006 VW_{15} 8 4.0 132°.58 5°.6/ 8.7 18

6 30	21 19.77	+ 1 44.3	2.495	3.275	13.1	21.1
7 10	21 14.85	+ 2 7.7	2.419	3.284	10.9	21.0
7 20	21 8.44	+ 2 15.9	2.366	3.293	8.5	20.8
7 30	21 1.02	+ 2 8.3	2.336	3.302	6.5	20.7
8 9	20 53.25	+ 1 46.1	2.333	3.310	5.6	20.7
8 19	20 45.81	+ 1 11.7	2.358	3.319	6.5	20.8
8 29	20 39.37	+ 0 28.6	2.409	3.326	8.6	20.9
9 8	20 34.46	− 0 18.9	2.485	3.334	10.8	21.1